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## CATALOGUE OF

Engin



ISSUED BY

B.S.A. Motor Cycles Ltd.

Service Department

Montgomery Street

Birmingham II

Telephone: ... .. BIRMINGHAM, VICTORIA 2234 (6 lines)

Telegrams: ... .. "SELSERV, BIRMINGHAM"

All Communications relating to Spare Parts or Repairs to B.S.A. Motor Cycles should be addressed to the above

## B.S.A. MOTOR CYCLES LTD.

Registered Offices and Works: ARMOURY ROAD, BIRMINGHAM II

Telephones: BIRMINGHAM, VICTORIA 2381 (30 lines)

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Gearbox

Clutch and  
Front  
ChaincaseFrame and  
FittingsFront Fork  
and  
FittingsFront Hub  
and Wheel  
FittingsRear Hub  
and Wheel  
FittingsMudguards  
Oil Tank  
Toolbox and  
ChainguardPetrol Tank  
Handlebar  
Dual Seat  
Battery Carrier  
and SilencerRear Mudguard  
Toolbox  
Chainguards  
Rear Brake  
Control  
and SilencerSpecial  
Components  
is supplied to  
Automobile  
Association

Legshields

Tools and  
SundriesElectrical  
EquipmentFront and Rear  
Safety Bars  
Safety Bars  
and LegshieldsSidecar  
ChassisCarrier and  
Panniers

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SUFFIX NUMBERS TO BE USED TO IDENTIFY VARYING FINISHES  
FOR "M" GROUP MOTOR CYCLES

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| /3 Bright Chrome                    | /36 Maroon and Chrome (Petrol Tanks) |
| /7 Black Enamel                     | /44 Black and Chrome (Wheels)        |
| /48 Maroon and Cream (Petrol Tanks) |                                      |

When ordering components with varying finishes—i.e., Petrol tanks, wheels, rims, brake rods, front fork oil seal holder—please state finish required by adding the appropriate suffix number to the part number.

EXAMPLE. Petrol Tank.

Maroon and Chrome Lined Gold 66-8285/36.

SPARKING PLUGS.

Champion Sparking Plugs Ltd., Feltham, Middlesex.

ELECTRICAL EQUIPMENT.

J. Lucas Ltd., Great King Street, Birmingham.

SPEEDOMETERS.

Smith's Motor Accessories, Cricklewood Works, London.

Stock

Eng

Gearb

Clutch  
Front  
Chain

Fram  
Fitt

Front F  
and  
Fittin

Front F  
and W  
Fittin

Rear H  
and Wh  
Fittin

Mudgua  
Oil T  
Toolbox  
Chain

Petrol T  
Handle  
Dual S  
Battery C  
and Silen

Rear Mudg  
Toolbox  
Chaingua  
Rear Bra  
Control  
and Silen

Special  
Compon  
in suppl  
Automob  
Associat

Legshiel

Tools a  
Sundr

Electr  
Equip

Front and  
Safety  
Safety  
and Leg

Sidecar  
Chassis

## COPY OF B.S.A. MOTOR CYCLE SPARE PARTS GUARANTEE

We give the following guarantee with B.S.A. Motor Cycle Spare Parts, instead of the guarantee implied by statute or otherwise, as to the quality or fitness of such parts for the purpose for which they are intended, any such implied guarantee being in all cases excluded, nor can any claim for consequential damages be entertained.

WE GUARANTEE, subject to the conditions mentioned below, that all precautions which are usual and reasonable have been taken by us to secure excellence of materials and workmanship, but this guarantee is to extend and be in force for six months only from the date of purchase, and the damages for which we make ourselves responsible under this guarantee are limited to the replacement of any part which may have proved defective.

WE UNDERTAKE, subject to the conditions mentioned below, to make good at any time within six months any defects in these respects. As motor cycles are easily liable to derangement by neglect or misuse, this guarantee does not apply to defects caused by wear and tear, misuse, or neglect.

### REPAIRS AND RENOVATIONS GUARANTEE

Any B.S.A. motor cycle sent to us to be re-enamelled, or repaired will be treated upon the same conditions as if it were a new motor cycle, i.e., we guarantee that all precautions which are usual and reasonable have been taken by us to secure excellence of material and workmanship, such guarantee to extend and be in force for six months only from the time such work shall have been executed, and this guarantee is in lieu and in exclusion of any Common Law or statute warranty, and the damages recoverable are limited to the cost of any further work which may be necessary to amend and make good the work found to be defective.

### CONDITIONS OF GUARANTEE

If a defective part should be found in our motor cycles it must be sent to our Service Department, carriage paid, and be accompanied by an intimation from the sender that he desires it repaired free of charge under our guarantee, and he must also furnish us at the same time with the number of the frame and engine, which will be found stamped on the seat or head tube lug and on the crankcase, the name of the Dealer from whom he purchased, and the date of the purchase.

Failing compliance with the above no notice will be taken of anything which may arrive but such articles will lie here at the risk of the sender, and this guarantee or any implied guarantee shall not be enforceable.

We do not guarantee the specialities of other firms, such as tyres, electrical equipment, saddles, etc., or of any component part supplied to the order of the purchaser differing from our standard specifications, whether supplied with our motor cycles or otherwise.

### THE TERM "AGENT"

We do not appoint agents for the sale of our motor cycles or other goods. We assign to motor cycle Dealers (styled "Regional" Dealers), who carry on business on their own account, areas in which they have the exclusive or other right to sell goods purchased from us. A Regional Dealer purchasing from us, or a Sub-Dealer purchasing from him, may, on our behalf (as our agent for the purpose only) give the guarantee printed above. Any such Dealer is not authorised to advertise, incur any debts, or transact any business whatsoever on our account, nor is he authorised, so as to bind us to give any warranty or make any representation on our behalf or to sell subject to or with any conditions other than those contained in such guarantee.

## B.S.A. SERVICE

When you purchase a B.S.A. machine you become the owner of a product which is backed by the most comprehensive motor cycle service in the world. The following notes are intended to give a guide to the facilities available to the B.S.A. owner. Detailed information on any aspect of B.S.A. Service may be obtained by discussion with your B.S.A. Dealer or on application to the factory Service Department.

### REPLACEMENT PARTS.

The moderate price at which B.S.A. replacement parts are available, has been maintained by making full use of trade distribution channels, with the consequent advantages of large consignments delivered from the works with lower handling, packing and transport costs. For this reason, we do not normally supply spares direct to individual owners, and all requests for replacement parts should be made to your local Dealer or spare parts Stockist.

All B.S.A. Dealers carry stocks of B.S.A. replacement parts, but the officially appointed spare parts Stockists, whose names and addresses are quoted in the following pages, maintain an extensive and comprehensive range.

B.S.A. owners are strongly advised to fit genuine B.S.A. replacement parts only. Risks are incurred in not always insisting on the genuine component, and these risks are eliminated if parts are purchased only from our recognised Dealers.

### REPAIRS.

(1). All motor cycles, engines, sidecars or components for repair should be consigned to the factory Service Department at the following address:—

B.S.A. Motor Cycles Limited,  
Service Department,  
Montgomery Street,  
Birmingham 11.

Full instructions must accompany all items sent to us for repair. If we are simply asked to overhaul a machine, all component parts will be completely dismantled and inspected, all worn parts will be renewed and the machine re-assembled and tested to original inspection standards.

(2). When sending complete motor cycles, accessories such as windscreens, panniers, Club badges, tools and inflators should be removed as they are liable to be damaged or lost in transit.

(3). It frequently happens that parts are forwarded to us which do not bear the senders name and address. Care in this respect will prevent delay and annoyance.

(4). All goods consigned to us must be sent carriage paid.

(5). Immediately we receive a part for repair, an acknowledgment and confirmation of your instructions is posted to you. If you have occasion to enquire by letter or telephone about the progress of the repairs, please follow the instructions printed on your form of acknowledgment.

### B.S.A. EXCHANGE REPLACEMENT SERVICE.

The B.S.A. Exchange Replacement Service is of great value to all B.S.A. owners. It is particularly useful to those who rely on their machines for daily transport, and who cannot afford to have them off the road for more than a few hours at a time. Under this scheme the owner can exchange any worn or otherwise unserviceable unit, such as engine, gearbox, forks or wheels, for a fully-guaranteed factory-assembled replacement unit. These units are ready for immediate use, and are supplied at the fixed prices quoted at the back of this catalogue on the understanding that the old units which they replace are not damaged to a degree where they are not capable of being reconditioned.

All genuine B.S.A. Exchange Replacement units carry the full six months warranty. Most B.S.A. Dealers and officially appointed spare parts Stockists are able to supply genuine exchange units from stock. If this cannot be done, they can obtain the unit for you quickly from the works, and make arrangements for it to be fitted to your machine, afterwards returning the old unit to us. In this way the machine need only be off the road long enough for the conversion to be made. Full details of this scheme can be obtained from your B.S.A. Dealer, and an explanatory leaflet and price list will be sent upon request to B.S.A. Service Department.

Gearbo

Clutch  
Front  
ChainFrame  
FittingFront F  
and  
FittingFront  
and W  
FittingRear H  
and W  
FittingMudgu  
Oil T  
Toolbox  
ChainPetrol  
Handle  
Dual  
Battery C  
and SilCar Mud  
Toolbox  
Chain  
Rear Br  
Control  
and SilSpeci  
Compon  
is suppl  
Autome  
Associa

Legshie

Tools  
SundElect  
EquipFront  
Safet  
and LeSidec  
Chas



## CORRESPONDENCE.

We maintain a skilled staff to help you with any query, technical or otherwise which you may have concerning your B.S.A. machine. We are always anxious to help, and all correspondence should be addressed to us at:—

B.S.A. Motor Cycles Limited,

Service Department,

Montgomery Street,

Birmingham 11.

## HOURS OF BUSINESS.

Our Service Department is open from 8.30 a.m. to 5.30 p.m. Monday to Friday, excepting holiday periods, and we are pleased to see B.S.A. owners, and if necessary, to inspect and advise on the condition of their machines.

We cannot guarantee, however, to be able to service any machine if a call is made without an appointment, and even when calling by appointment, an owner should be prepared to leave his machine with us, in case the work cannot be completed on the same day.

A commissionaire is always on duty to receive machines brought to the Service Department by appointment, at any time of the day or night, on any day of the week, and similar arrangements are made for collection. Any machine delivered to us after hours should, however, be accompanied by full instructions in writing, together with the owner's name and address.

## SERVICE LITERATURE.

An Instruction Book is supplied free of charge with each machine and contains all the information required for routine maintenance, and top overhaul. For the normal owner this book will cover all the work that he is likely to undertake. Further copies of Instruction Books to cover all post-war and most pre-war models are available from the Service Department.

For the guidance of Dealers and other skilled mechanics, the Service Department also issues Service Manuals to cover each model. These manuals contain detailed instructions for complete dismantling and overhaul, and describe the special tools and jigs which are necessary for this purpose. The B.S.A. owner who has considerable mechanical experience, and feels that he is competent to carry out this more skilled type of work may obtain a copy of the Service Manual for his machine from the Service Department.

Additional Instruction Books are priced 2/- plus 3d. postage, and Service Manuals are 6/- plus 6d. postage, for each model. Full details of the machine should always be quoted.

## LIST OF B.S.A. STOCKISTS.

Save time and postage by contacting your nearest B.S.A. Stockist for B.S.A. Spare Parts, Spare Part Catalogues, Instruction Books, Transfers, etc. All B.S.A. Dealers carry stocks of B.S.A. Spare Parts but the following appointed Stockists maintain a comprehensive range.

| Town.           | Name of Stockist.               | Address.                                                              | Telephone No.                | Telegraphic Address.         |
|-----------------|---------------------------------|-----------------------------------------------------------------------|------------------------------|------------------------------|
| Aberdeen        | J. Dawson                       | 24-26, Thistle Street                                                 | 25556                        |                              |
| "               | George Cheyne (Cycles) Ltd.     | 147-149, Holburn Street                                               | 26027                        | Motobike, Aberdeen.          |
| Aberystwyth     | Gwalia Motor Co.                | North Parade                                                          | 525                          |                              |
| Accrington      | Bill Snape Ltd.                 | 379, Blackburn Road                                                   | 4724                         |                              |
| Aldershot       | Phillips Bros. (Aldershot) Ltd. | Birchett Road                                                         | 1111/2                       | Phillips, Cycles, Aldershot. |
| Alloa           | J. G. Robertson                 | 55-57, High Street                                                    | 193                          |                              |
| Andover         | Corbett & Ellis (Andover) Ltd.  | Weyhill Road                                                          | 2991                         |                              |
| Ashington       | Mains of Ashington              | Laburnham Terrace                                                     | 3204                         |                              |
| Aylesbury       | Eborn's Garage                  | 44, Walton Street, Aylesbury                                          | 150                          | Eborn's, Aylesbury.          |
| Banbury         | Trinder Bros.                   | 2 and 3, Broad Street                                                 | 2545                         |                              |
| Barnsley        | T. Garner & Son                 | Sheffield Road                                                        | 2866                         |                              |
| Barnstaple      | Bob Ray Ltd.                    | 43, High Street                                                       | 4266                         |                              |
| Bath            | R. U. Holloway & Son            | 32-33-34, St. John's Road, Bathwick                                   | 5084                         |                              |
| Bedford         | The Imperial Cycle Co.          | 53, St. Loyes                                                         | 2374                         |                              |
| Belfast         | W. J. Chambers & Co.            | 106 and 108, Donegall Pass                                            | 27253/4                      | Fastmote, Belfast.           |
| Biggleswade     | Bryants                         | 25, 27, 72 and 74, Shortmead Street                                   | 3108                         |                              |
| Birkenhead      | Bob Simister Ltd.               | 540, New Chester Road, Rock Ferry                                     | Rock Ferry 1452              |                              |
| Birmingham      | County Cycle & Motor Co. Ltd.   | 266, Broad Street<br>104, Bath Row (Repairs) (closed Saturday 1 p.m.) | Midland 2671<br>Midland 2817 |                              |
| "               | C. E. Cope & Sons Ltd.          | 481-487, Hagley Road, Edgbaston                                       | 17 .. Bearwood 2246/7        |                              |
| "               | Shovelbottom's Ltd.             | 376, Ladypool Road, Sparkbrook                                        | 12 .. South 2212             |                              |
| "               | Aston Auto Motors               | 172, Aston Road, 6                                                    | Aston Cross 3201/2<br>6678   |                              |
| Blackburn       | Shuttleworth & Geldart          | 15-17, Great Bolton Street                                            | .. ..                        |                              |
| Blackpool       | J. Hall & Son                   | 102/6, Devonshire Road (opp. School)                                  | .. .. 22130                  |                              |
| Blandford       | Badger Garages Ltd.             | Salisbury Road                                                        | .. .. 615                    |                              |
| Bolton          | Charlie Robinson                | 119 and 121, Higher Bridge Street                                     | .. .. 3931                   |                              |
| Boscombe        | Craze Bros.                     | 473 and 475, Christchurch Road                                        | .. Boscombe 33231/2          |                              |
| Bradford        | C. Sidney Ltd.                  | 107, Manningham Lane                                                  | .. .. 29889                  |                              |
| "               | J. K. Hirst                     | 41, Wakefield Road                                                    | .. .. 22543                  |                              |
| Bridgwater      | Anderson & Wall                 | 18, St. Mary Street                                                   | .. .. 2416                   | Anderson & Wall, Bridgwater. |
| Brighton        | Redhill Motors (Brighton) Ltd.  | 104, North Road                                                       | .. .. 5281                   |                              |
| Bristol         | S. J. Fair Motors Ltd.          | 201/3, Cheltenham Road                                                | .. .. 46238                  |                              |
| Bromsgrove      | Harold Tozer (Bromsgrove) Ltd.  | 110, Birmingham Road                                                  | .. .. 3228                   |                              |
| Brynmawr        | Jayne's Motors                  | Cwmbach Garage                                                        | .. .. Brynmawr 271           |                              |
| Bury-St-Edmunds | Barclay Motors                  | Kings Road Corner                                                     | .. .. 2345/9                 |                              |
| Cambridge       | King & Harper Ltd.              | Milton Road Corner                                                    | .. .. 55201                  | Motors, Cambridge.           |
| Canterbury      | Marcel Hallet                   | St. Dunstan's Street                                                  | .. .. 2275/6                 |                              |
| Cardiff         | Car Distributors (Cardiff) Ltd. | 134-140, City Road                                                    | .. .. 30022                  |                              |
| "               | Robert Bevan & Son              | 29/35, Castle Street                                                  | .. .. 1808                   |                              |

Gearbox

Clutch &  
Front  
ChaincaseFrame  
FittingFront Fork  
and  
FittingsFront Hub  
and Wheel  
FittingsRear Hub  
and Wheel  
FittingsMudguard  
Oil Tank  
Toolbox &  
ChainguardPetrol Tank  
Handlebars  
Dual Seat  
Battery Case  
and SilencerCar Mudguard  
Toolbox  
Chainguard  
Rear Brake  
Control  
and SilencerSpecial  
Components  
is supplied  
Automobile  
Association

Legshield

Tools and  
SundriesElectric  
EquipmentFront and  
Safety B.  
Safety E.  
and LegshieldSidecar  
Chassis

Carriage

| <i>Town.</i>          | <i>Name of Stockist.</i>                  | <i>Address.</i>                         | <i>Telephone No.</i> | <i>Telegraphic Address</i>   |
|-----------------------|-------------------------------------------|-----------------------------------------|----------------------|------------------------------|
| Carlisle .. ..        | W. T. Tiffin & Son .. ..                  | Irishgate Brow .. ..                    | 25024                | Tiffin, Irishgate, Carlisle. |
| Carmarthen .. ..      | Eddie Stephens (Motors) .. ..             | 22/23, Water Street .. ..               | C'ihen<br>233        |                              |
| Castleford .. ..      | Barrett's Motor Cycles (Castleford) Ltd.. | 27/35, Aire Street .. ..                | 2983                 |                              |
| Chapel-en-le-Frith .. | E. W. Bowers .. ..                        | 129, Town End .. ..                     | 144                  |                              |
| Chatham .. ..         | Grays of Chatham Ltd. .. ..               | 11-19, High Street .. ..                | 4005                 |                              |
| Chelmsford .. ..      | Hadlers Garage Ltd. .. ..                 | New Street .. ..                        | 4844/5               | Hadler, Chelmsford.          |
| Cheltenham .. ..      | Leslie Paynter .. ..                      | Bath Street .. ..                       | 2887                 |                              |
| Chester .. ..         | Davies Bros. .. ..                        | 34, Bridge Street .. ..                 | 510                  |                              |
| Chichester .. ..      | W. Goodridge & Co. Ltd. .. ..             | East Street .. ..                       | 2033                 |                              |
| Clydebank .. ..       | Weddell & Devine .. ..                    | 72/114, Dumbarton Road .. ..            | 1429                 |                              |
| Colchester .. ..      | G.B.R. Motors Ltd. .. ..                  | 1-2, East Hill .. ..                    | 6131/2               |                              |
| Colne .. ..           | C. H. Scholfield (Motors) Ltd. .. ..      | Market Place .. ..                      | 859                  |                              |
| Coventry .. ..        | Coventry Motor Mart Ltd. .. ..            | 86, London Road .. ..                   | 2146/7               | Coventry Motor Mart.         |
| Crewe .. ..           | Cooke's Garages (Crewe Ltd.) .. ..        | 10-20, Nantwich Road .. ..              | 2011                 | Cooke's Motors, Crewe.       |
| Croydon .. ..         | Godfreys Ltd. .. ..                       | 228/234, London Road .. ..              | Croydon<br>3641/2    | Gofrabike, Croydon.          |
| Dagenham .. ..        | Reginald Smith .. ..                      | Imperial House, New Road .. ..          | Rainham<br>3284/2786 |                              |
| Dalton-in-Furness ..  | H. Holme .. ..                            | 24/26, Ulverston Road .. ..             | 25                   |                              |
| Darlington .. ..      | The Duplex Motor and Cycle Co. Ltd..      | 10-16, Grange Road .. ..                | Darlington<br>2071   | Duplex, Darlington.          |
| " .. ..               | White Bros. .. ..                         | 205/9, Northgate .. ..                  | 67757                |                              |
| Dartford .. ..        | Schweizo Bros. .. ..                      | 177, Lowfield Street .. ..              | 4279                 |                              |
| Derby .. ..           | Ingle's Provincial Garages Ltd. .. ..     | Walbrook Road .. ..                     | 45289                |                              |
| Doncaster .. ..       | W. Cusworth (Doncaster) Ltd. .. ..        | 7, Hall Gate .. ..                      | 4594                 |                              |
| Douglas (I.O.M.) ..   | Gilbert Harding .. ..                     | 18, Duke Street .. ..                   | Douglas 170          |                              |
| Dudley .. ..          | Chas. E. Cope & Sons Ltd. .. ..           | 193, High Street .. ..                  | Dudley 3464/5/6      |                              |
| Dundee .. ..          | George McLean Ltd. .. ..                  | Ward Road, Riverside Drive .. ..        | 5087                 | Vehicles, Dundee.            |
| Dunstable .. ..       | B. G. England (Dunstable) Ltd. .. ..      | Halfmoon Hill, London Road .. ..        | 843/4                |                              |
| Eastbourne .. ..      | Jempsons Ltd. .. ..                       | 118, Seaside .. ..                      | 756                  | Jempsons, Eastbourne.        |
| Edinburgh .. ..       | J. R. Alexander & Co. Ltd. .. ..          | 10/14, Lothian Road .. ..               | 4455                 | Motorcycles, Edinburgh.      |
| Elgin .. ..           | Farquharsons .. ..                        | 55/57, High Street .. ..                | 7188                 | Elgin 7188                   |
| Enfield .. ..         | D. J. Shepherd & Co. (Enfield) Ltd. ..    | 434/6, Hertford Road, Enfield Highway.. | Howard 1631          |                              |
| Exeter .. ..          | P. Pike & Co. Ltd. .. ..                  | Alphington Street .. ..                 | 58241                | Piko, Exeter.                |
| Frome .. ..           | J. Difazio .. ..                          | 25, Catherine Street .. ..              | 2913                 |                              |
| Gateshead, 8 .. ..    | O. Carmichael & Son .. ..                 | 75, 83 and 87 High Street West .. ..    | 71815                |                              |
| Glasgow, C3 .. ..     | Bell Bros. (H.P.) Ltd. .. ..              | 215/233, St. George Road .. ..          | Douglas 6414         | Douglas 6414 Glasgow.        |
| " C4 .. ..            | J. R. Alexander & Co. Ltd. .. ..          | 264-280, Great Western Road .. ..       | Douglas 3802/3/4     | Alex Moto, Glasgow.          |
| Gloucester .. ..      | Harpers Garage .. ..                      | 23a, Worcester Street .. ..             | 23187                | Gloucester 23187             |
| Grimsby.. ..          | H. J. Gresswells and Sons Ltd. .. ..      | 13/15, Osborne Street .. ..             | 2202                 |                              |
| Guernsey .. ..        | Millard & Co. Ltd. .. ..                  | Victoria Road .. ..                     | 777                  | Millard Motors,<br>Guernsey  |
| Guildford .. ..       | E. Pascall (Guildford) Ltd. .. ..         | 11/12, Woodbridge Road .. ..            | Guildford 2274, 5, 6 |                              |
| Harrogate .. ..       | H. Aclam (Prop. H. Baynes) .. ..          | 11, Bower Road .. ..                    | 5125<br>Spares 3328  |                              |
| Harrow .. ..          | E. T. Pink (Harrow) Ltd.. ..              | Station Road .. ..                      | 0044/5               | Pink, Harrow.                |
| Hatfield .. ..        | W. Waters & Sons Ltd. .. ..               | 32, Great North Road .. ..              | 3255                 |                              |



| Town.        | Name of Stockist               | Address.                                          | Telephone No.         | Telegraphic Address             | Eng                                                           |
|--------------|--------------------------------|---------------------------------------------------|-----------------------|---------------------------------|---------------------------------------------------------------|
| Hereford     | A. Kear & Co.                  | 52b, Commercial Street                            | 2239                  | Kear, Hereford.                 |                                                               |
| Holbeach     | G. Woodman Ltd.                | 34, Fleet Street                                  | 3221                  |                                 |                                                               |
| Hornchurch   | T. W. Kirby                    | 10, Roneo Corner                                  | 8785                  |                                 | Gear                                                          |
| Hounslow     | Stanley's Motors               | 46/8, Lampton Road                                | Hounslow 1949         |                                 |                                                               |
| Huddersfield | Earnshaw                       | Manchester Road                                   | 1232                  |                                 | Clutch<br>Fro<br>Chain                                        |
| Hull         | Browns (Witham) Ltd.           | 47/49, Witham                                     | 33990/9               |                                 |                                                               |
| "            | Jordan & Co. (Hull) Ltd.       | Storey Street                                     | 36909                 | Gumption, Hull                  |                                                               |
| Ilford       | J. J. Double                   | 14, Mildmay Parade, Cranbrook Road                | Valentine 3109        |                                 | Frame<br>Fitt                                                 |
| Ilkston      | Ray Gamble                     | Station Road                                      | 873                   |                                 |                                                               |
| Ipswich      | Revetts Ltd.                   | Clarkson Street                                   | 2822                  |                                 |                                                               |
| Jersey       | Colebrooks (J. D. Poingdestre) | 1, New Street                                     | Central 642           | Colebrooks, Jersey              | Front<br>and<br>Fittin                                        |
| Keighley     | Dick Ratcliffe                 | Coldshaw Garage, Haworth                          | Haworth 3133          |                                 |                                                               |
| Kendal       | Tom O'Loughlin                 | 66, Stricklandgate                                | 315                   |                                 | Front<br>and W<br>Fittin                                      |
| Kirkcaldy    | County Motors (Kirkcaldy) Ltd. | Junction Road                                     | Dysart 5631           |                                 |                                                               |
| Lancaster    | Pye Motors Ltd.                | Parliament Street                                 | 828                   |                                 |                                                               |
| Launceston   | J. Wooldridge & Son            | Western Road                                      | 21                    | Wooldridge, Launceston.         |                                                               |
| Leeds, 1     | Watson-Cairns & Co. Ltd.       | 157/8, Lower Briggate                             | 23379                 | Watson-Cairns, Briggate, Leeds. | Rear E<br>and W<br>Fittin                                     |
| Leicester    | E. W. Campion & Son Ltd.       | Welford Place                                     | 58054                 |                                 |                                                               |
| Lerwick      | Thompson's Motors              | Esplanade, Lerwick                                | 85                    | Thompson's Garage<br>Lerwick    | Mudg<br>Oil<br>Toolbo<br>Chain                                |
| Lincoln      | West's (Lincoln) Ltd.          | 116, High Street                                  | 10762-3-4             |                                 |                                                               |
| Liverpool, 7 | Bee Cycle & Motor Co. Ltd.     | 17-19, Renshaw Street                             | Royal 6375/6          | Bee Cycles, Liverpool.          |                                                               |
| " 3          | Cundles (Liverpool) Ltd.       | 41 and 61, Byron Street                           | Central 4148          | Cundles, Central 4148.          | Petrol<br>Handl<br>Dual<br>Battery C<br>and SB                |
| Llwhaden     | James Bowen & Sons             | Llwhaden, near Narberth, Pem.                     | Llwhaden 6            |                                 | Car Mud<br>Toolbo<br>Chaingus<br>Rear Br<br>Contr<br>and Sile |
| London, W.1  | Godfreys Ltd.                  | 208/10, Great Portland Street                     | Euston 4632/4         | Gofrabike, London               |                                                               |
| " N.W.1      | J. Grose Ltd.                  | 379-381, Euston Road                              | Euston 5231           |                                 |                                                               |
| " S.E.18     | Cleare & Co. Ltd.              | 1 and 125, High Street                            | Woolwich 0174         |                                 |                                                               |
| " W.5        | Kays of Ealing Ltd.            | 8-10, Bond Street                                 | Ealing 2387           | Sparesokay, Ealux, London.      |                                                               |
| " S.E.13     | F. Parks & Son Ltd.            | 404, Lewisham High Street                         | Lea Green 0535        |                                 | Speci<br>Compos<br>suppl<br>Automat<br>Associa                |
| " E.8        | Eleanor Motors                 | 265/7/9, Mare Street                              | Amherst 5134          |                                 |                                                               |
| " E.7        | Godfrey's Ltd.                 | 418, Romford Road, Forest Gate                    | Grangewood 1234       | Gofrabike, Forgate.             |                                                               |
| " E.6        | Godfrey's Ltd.                 | 220, Barking Road, East Ham                       | Grangewood 8088       | Gofrabike, Forgate.             | Legshie                                                       |
| " N.12       | George Grose Ltd.              | 834, High Road, Finchley                          | Hillside 2149         |                                 |                                                               |
| " N.12       | Glanfield Lawrence Ltd.        | Junction Great North Road and North Circular Road | Finchley 0031         | Glanfin, Norphone, London.      |                                                               |
| " N.15       | Godfreys Ltd.                  | 94 and 96, High Road, Sth Tottenham               | Sta 9960              | Gofrabike, London.              | Tools<br>Sund                                                 |
| " S.E.11     | Writers Ltd.                   | 161/5, Kennington Lane                            | Reliance 1362         |                                 |                                                               |
| " S.W.11     | Owen Bros.                     | 19, Battersea Rise, Clapham Junction              | Battersea 7816/7      |                                 |                                                               |
| " S.W.6      | Claude Rye Ltd.                | 897/921, Fulham Road, Fulham                      | Renown 6174           | Ryeobikes, Wiltren, London      | Elect<br>Equip                                                |
| " S.W.9      | Pride & Clarke Ltd.            | Stockwell Road                                    | Brixton 6251          |                                 |                                                               |
| " S.W.17     | Elite Motors (Tooting Ltd.)    | 951-961, Carratt Lane, Tooting Broadway           | Balham 1200           |                                 | Front a<br>Safety<br>Safety<br>and Lea                        |
| " W.12       | Turners Stores                 | 31-33, Goldhawk Road, Shepherds Bush              | Shepherds Bush 2436   |                                 |                                                               |
| " W.3        | Whitby's of Acton Ltd.         | 273, The Vale, Acton                              | Shepherds Bush 5353/6 |                                 | Sideec<br>Chass                                               |

| <i>Town.</i>         | <i>Name of Stockist.</i>                     | <i>Address.</i>                             | <i>Telephone No.</i>                      | <i>Telegraphic Address</i> |
|----------------------|----------------------------------------------|---------------------------------------------|-------------------------------------------|----------------------------|
| London, S.E. 15      | .. West End Motors Ltd. .. ..                | 171, High Street, Peckham ..                | .. Newcross 2589                          |                            |
| " N.W.10             | .. Slcombes Ltd. .. ..                       | 269, Neasden Lane, Neasden ..               | .. Gladstone<br>2088 & 0508               |                            |
| Lowestoft ..         | .. R. Wright .. ..                           | 67-69, London Road South ..                 | .. 645                                    |                            |
| Macclesfield ..      | .. A. Watling .. ..                          | 49, Buxton Road .. ..                       | .. 3592                                   |                            |
| Maidstone ..         | .. Redhill Motors (Maidstone) Ltd. ..        | The Broadway .. ..                          | .. 3096                                   |                            |
| Manchester, 3 ..     | .. Tom Davies (Motors) Ltd. .. ..            | 233, Deansgate .. ..                        | .. Blackfriars 0681                       |                            |
| " ..                 | .. Fred Fearnley Ltd. .. ..                  | 692-4, Ashton Old Road .. ..                | .. East 1445/6                            | Fernbike, Manchester.      |
| " 22 ..              | .. Alex. Parker .. ..                        | 31/33, Palestine Road, Northenden ..        | .. Wythenshaw<br>2062                     |                            |
| Mansfield ..         | .. Henstocks .. ..                           | 128, Chesterfield Road North ..             | .. 329                                    | Henstock 329 Mansfield.    |
| Middlesbrough ..     | .. J. T. Dickinson (Middlesbrough) Ltd. ..   | 160-162, Lindthorpe Road ..                 | .. 3861                                   | Payacob, Middlesbrough.    |
| Neath ..             | .. Fred Rist .. ..                           | 16, Windsor Road .. ..                      | .. Neath 780                              |                            |
| Newcastle-on-Tyne .. | .. Dene (Newcastle) Motor Co. Ltd. ..        | Haymarket .. ..                             | .. 2-9165                                 | Ened, Newcastle-on-Tyne    |
| Newton Abbot ..      | .. J. E. Green & Co. .. ..                   | 87, Queen Street .. ..                      | .. 653                                    |                            |
| Newport (Mon.) ..    | .. R. J. Ware & Sons .. ..                   | 69, Commercial Street .. ..                 | .. 66206                                  |                            |
| Northampton ..       | .. P. C. Spokes & Son Ltd. .. ..             | 1, Henry Street .. ..                       | .. 1160                                   |                            |
| Norwich ..           | .. Chapmans (Norwich) Ltd. .. ..             | 38-42, Duke Street .. ..                    | .. 24727                                  |                            |
| Nottingham ..        | .. E. W. Campion & Son Ltd. .. ..            | Arkwright Street and Queen's Road ..        | .. 83444                                  |                            |
| " ..                 | .. Ezra Sugden Ltd. .. ..                    | 109, Gateford Road, Worksop ..              | .. 3053                                   |                            |
| Oswestry ..          | .. Roy Evans .. ..                           | Willow <sup>3</sup> Street .. ..            | .. 1144/5                                 |                            |
| Oxford ..            | .. H. F. Temple .. ..                        | 69, High Street, St. Thomas ..              | .. 2485                                   |                            |
| " ..                 | .. Faulkner & Son .. ..                      | 12, Cardigan Street .. ..                   | .. 57279                                  |                            |
| " ..                 | .. John Avery .. ..                          | 228/230, Banbury Road .. ..                 | .. 59353                                  |                            |
| Parkstone ..         | .. Bob Foster .. ..                          | 472/4, Ashley Road .. ..                    | .. 68                                     |                            |
| Perth ..             | .. M. Shaw & Sons .. ..                      | 143, High Street .. ..                      | .. 483                                    |                            |
| Peterborough ..      | .. Burrows Bros. .. ..                       | 55-57, Westgate .. ..                       | .. 2154                                   |                            |
| Plymouth ..          | .. P. Pike & Co. Ltd. .. ..                  | Millbay Road .. ..                          | .. Plymouth 63018                         | Piko, Plymouth.            |
| Pontardulais ..      | .. T. Griffiths .. ..                        | Forest Garage .. ..                         | .. Pontardulais 323                       |                            |
| Portsmouth ..        | .. Jenkins & Purser Ltd. .. ..               | 277/281, Copnor Road .. ..                  | .. 2339                                   |                            |
| " ..                 | .. Glanfield Lawrence .. ..                  | 147/157 Fratton Road .. ..                  | .. 74331                                  |                            |
| Preston ..           | .. Loxham's Garages Ltd. .. ..               | Central Garage, Charnley St., Fishergate .. | .. Sales Dept. 4242<br>Service Dept. 4243 | Loxhams, Preston.          |
| Pulborough ..        | .. Gray & Rowsell .. ..                      | Bury Gate .. ..                             | .. Bury 4                                 |                            |
| Radcliffe ..         | .. Will Lord .. ..                           | 115, Blackburn Street .. ..                 | .. 2002                                   |                            |
| Reading ..           | .. Phillips & Bloomfield Motors Ltd. ..      | 10/24, South Street .. ..                   | .. 2635                                   |                            |
| " ..                 | .. Stocker & Shepherd Ltd. .. ..             | 131, Oxford Road and Weylen Street ..       | .. 3938                                   |                            |
| Redhill ..           | .. The Redhill Motor and Cycle Works Ltd. .. | 50-54, Brighton Road .. ..                  | .. 327                                    |                            |
| Rotherham ..         | .. Ernest Cross .. ..                        | 55/59, Drummond Street .. ..                | .. Rotherham 3937                         |                            |
| Salisbury ..         | .. Pankhurst (Weymouth) Ltd. .. ..           | 78, Exeter Street .. ..                     | .. Salisbury 5222/3                       |                            |
| Scarborough ..       | .. E. Andrew .. ..                           | Roscoe Street .. ..                         | .. Scarborough 1357                       |                            |

| Town.             | Name of Stockist                    | Address.                               | Telephone No.          | Telegraphic Address.            | E.                                          |
|-------------------|-------------------------------------|----------------------------------------|------------------------|---------------------------------|---------------------------------------------|
| Sevenoaks         | Angus Motor Cycles                  | Station Parade                         | 3338                   |                                 |                                             |
| Sheffield, 1      | Walter Wragg Ltd.                   | Stanley Works, Wellington Street       | 26098                  | 26098 Sheffield.                |                                             |
| Shrewsbury        | J. R. Meredith                      | Coleham Head                           | 6529                   |                                 | Gear                                        |
| Sittingbourne     | Scoones' Garage                     | 9, West Street                         | 66                     | Scoones, Sittingbourne.         |                                             |
| Slough            | Sid Moram                           | Wexham Corner, High Street             | Slough 23767           |                                 | Clut.<br>F.<br>Cha                          |
| Southampton       | Alec Bennett Ltd.                   | 152, Portswood Road                    | 54081-2-3              |                                 |                                             |
| Southport         | H. F. Brockbank                     | 62, King Street                        | 5054                   |                                 | Fra<br>F                                    |
| Southsea          | Percy Kiln                          | 65, Elm Grove, Southsea                | Portsmouth 4793        |                                 |                                             |
| St. Helens        | Geoff Duke Ltd.                     | Greenfield Road Garage                 | 3718                   |                                 |                                             |
| St. Ives          | Hallens (Hunts.) Ltd.               | The Broadway                           | St. Ives 3071          | Hallens, St. Ives               | Front<br>a<br>Filt                          |
| Stockport         | Theobald & Coppack                  | 6, Chestergate                         | 2843                   | Theobald Coppack, Stockport     |                                             |
| Stoke-on-Trent    | J. & N. Bassett                     | Howards Place, Shelton                 | 2890                   |                                 | Front<br>and<br>Fit                         |
| Stourbridge       | Pearson's Cycle Depot               | 31, Market Street                      | 5677                   |                                 |                                             |
| Sunderland        | Dunns Garage (Sunderland) Ltd.      | Wheataheaf Corner, North Bridge Street | 57666                  |                                 |                                             |
| Swansea           | Handel Davies Ltd.                  | 230, Oxford Street                     | 2956                   |                                 | Rear<br>and<br>Fit                          |
| Swindon           | Easters Garage                      | 5/8, Manchester Road                   | 2788                   |                                 |                                             |
| Taunton           | W. P. Edwards (Motors) Ltd.         | Station Road                           | 2943                   | Edwards, Motor Cycles Taunton.  |                                             |
| Thames Ditton     | Comerfords Ltd.                     | Oxford House, Portsmouth Road          | Emberbrook 5531        |                                 | Mud<br>Ch<br>Tool<br>Cha                    |
| Torquay           | P. H. Sharam Ltd.                   | 244/6 Union Street                     | 4184 and 7255          |                                 |                                             |
| Troon             | Cooper Bros.                        | 125/129, Templehill                    | 925                    |                                 |                                             |
| Truro             | W. H. Collins                       | Kenwyn Mews                            | Truro 2168             |                                 | Petr<br>Har<br>Dun<br>Batter<br>and         |
| Tunbridge Wells   | G. E. Tunbridge                     | 21, London Road                        | 416                    | Motors, Tunbridge Wells.        |                                             |
| Twickenham        | C. A. Blay                          | 192-9, Heath Road                      | Popesgrove 2103 & 1435 |                                 | Ear M<br>To<br>Chain<br>Rear<br>Co<br>and S |
| Uxbridge          | J. H. Miles Ltd.                    | 60, High Street                        | Uxbridge 125           |                                 |                                             |
| Wakefield         | Parkinsons (Wakefield) Ltd.         | 38-40, Ings Road                       | 2087                   |                                 |                                             |
| Walsall           | The Motor Cycle Mart (Walsall) Ltd. | 12, Ablewell Street                    | 3363                   |                                 | Sp<br>Comp<br>is sup<br>Auto<br>Asso        |
| Warrington        | Jack Frodsham Ltd.                  | 37a, Winwick Street                    | 471                    |                                 |                                             |
| Watford           | Lloyd Cooper & Co.                  | 61, Queen's Road                       | 2125                   | Lloyd Cooper, Watford.          |                                             |
| Westcliff-on-Sea  | J. Costin & Sons                    | 233-5-7, London Road                   | Southend 2215          |                                 |                                             |
| Weston-super-Mare | Wyvern's of Weston Ltd.             | 3, Locking Road                        | 524                    | Wyvern's, Weston-super-Mare     | Legs                                        |
| Weybridge         | W. L. Lewis & Sons                  | 51, Church Street                      | 2210                   |                                 |                                             |
| Weymouth          | Tilleys                             | 9, Frederick Place                     | 72                     |                                 | To<br>Su                                    |
| Whitehaven        | Mark Taylor                         | 21, King's Street                      | 252                    |                                 |                                             |
| Wolverhampton     | C. E. Cope & Sons Ltd.              | 168-9, Stafford Street                 | 24605/6                |                                 |                                             |
| Worcester         | W. J. Bladder & Son                 | 52, Sidbury                            | 2438                   | Bladder, Sidbury, Worcester     | E<br>Eq                                     |
| Worthing          | Gray & Rowsell                      | 56, Broadwater Street West             | 1224                   |                                 |                                             |
| Yeovil            | The Yeovil Motor Mart               | Hendford                               | 267                    |                                 | Front<br>a<br>S<br>and                      |
| York              | C. S. Russell (York) Ltd.           | Lawrence Street                        | 3793                   | Russell, Lawrence Street, York. | Sid<br>Ch                                   |



## Plate 1.

## ENGINE

M20 M21

| Plate Ref.<br>Number. | Model.         | Part No. | Description.                                     | Number<br>per set. |
|-----------------------|----------------|----------|--------------------------------------------------|--------------------|
| 1                     | M20, M21       | 66-421   | Engine steady stay                               | 1                  |
| 2                     | M20, M21       | 27-6043  | Engine steady stay bolt washer                   | 1                  |
| 3                     | M20, M21       | 2-861    | Cylinder head bolt washer                        | 9                  |
| 4                     | M20, M21       | 36-11    | Cylinder head bolt (long)                        | 5                  |
| 5                     | M20, M21       | 24-8328  | Cylinder head timing bolt                        | 1                  |
| 6                     | M20, M21       | 65-113   | Spark plug                                       | 1                  |
| 7                     | M20, M21       | 65-1776  | Spark plug suppressor                            | 1                  |
| 8                     | M21 A.A. Model | 67-985   | Spark plug waterproof cover and suppressor       | 1                  |
| 9                     | M20, M21       | 66-102   | Spark plug washer                                | 1                  |
| 10                    | M20, M21       | 36-11    | Cylinder head bolt (long)                        | 4                  |
| 11                    | M20, M21       | 66-136   | Cylinder head and steady stay bolt               | 1                  |
| 12                    | M20, M21       | 66-140   | Valve guide (inlet)                              | 1                  |
| 13                    | M20, M21       | 66-235   | Inlet valve                                      | 1                  |
| 14                    | M20, M21       | 66-236   | Exhaust valve                                    | 1                  |
| 15                    | M20, M21       | 66-139   | Valve guide (exhaust)                            | 1                  |
| 16                    | M20, M21       | 66-132   | Cylinder barrel                                  | 1                  |
| 17                    | M20, M21       | 66-8507  | Exhaust lifter cable toggle                      | 1                  |
| 18                    | M20, M21       | 66-1436  | Exhaust lifter lever                             | 1                  |
| 19                    | M20, M21       | 2-1584   | Exhaust lifter cable toggle screw                | 1                  |
| 20                    | M20, M21       | 2-443    | Exhaust lifter lever nut                         | 1                  |
| 21                    | M20, M21       | 66-2995  | Exhaust pipe                                     | 1                  |
| 22                    | M20, M21       | 29-541   | Exhaust lifter lever washer (shakeproof)         | 1                  |
| 23                    | M20, M21       | 66-1432  | Exhaust lifter lever spring                      | 1                  |
| 24                    | M20, M21       | 66-1434  | Exhaust lifter bush                              | 1                  |
| 25                    | M20, M21       | 66-1435  | Exhaust lifter                                   | 1                  |
| 26                    | M20, M21       | 31-106   | Valve spring                                     | 2                  |
| 27                    | M20, M21       | 66-221   | Valve spring collar                              | 2                  |
| 28                    | M20, M21       | 66-222   | Split collar                                     | 2                  |
| 29                    | M20, M21       | 66-1498  | Exhaust tappet head                              | 1                  |
| 30                    | M20, M21       | 15-6524  | Inlet and exhaust tappet locknut                 | 2                  |
| 31                    | M20, M21       | 66-1494  | Tappet guide (inlet and exhaust)                 | 2                  |
| 32                    | M20, M21       | 66-1495  | Exhaust tappet                                   | 1                  |
| 33                    | M20, M21       | 66-243   | Valve spring cover washer                        | 1                  |
| 34                    | M20, M21       | 66-242   | Valve spring cover                               | 1                  |
| 35                    | M20, M21       | 66-1933  | Valve spring cover securing screw                | 4                  |
| 36                    | M20, M21       | 66-1493  | Inlet tappet                                     | 1                  |
| 37                    | M20, M21       | 65-692   | Engine shaft timing pinion                       | 1                  |
| 38                    | M20, M21       | 65-695   | Engine shaft timing pinion locking washer        | 1                  |
| 39                    | M20, M21       | 29-905   | Engine shaft timing pinion nut                   | 1                  |
| 40                    | M20, M21       | 66-1497  | Inlet tappet head                                | 1                  |
| 41                    | M20, M21       | 2-77     | Crankpin nut locking washer screw                | 2                  |
| 42                    | M20, M21       | 31-300   | Crankpin nut locking washer                      | 2                  |
| 43                    | M20, M21       | 31-298   | Crankpin nut                                     | 2                  |
| 44                    | M20, M21       | 65-693   | Engine shaft timing pinion key                   | 1                  |
| 45                    | M20, M21       | 66-93    | Cylinder barrel base joint washer                | 2                  |
| 46                    | M20, M21       | 2-49     | Carburettor stud nut                             | 2                  |
| 47                    | M20, M21       | 36-382   | Carburettor stud washer (shakeproof)             | 2                  |
| 48                    | M20, M21       | 15-5155  | Carburettor stud washer (plain)                  | 2                  |
| 49                    | M20, M21       | 66-127   | Carburettor flange washer (Hallite)              | 1                  |
| 50                    | M20, M21       | 66-9251  | Carburettor packing piece                        | 1                  |
| 51                    | M20, M21       | 66-9250  | Carburettor stud                                 | 2                  |
| 52                    | M20, M21       | 3-110    | Cylinder base and crankcase stud washer (spring) | 5                  |
| 53                    | M20, M21       | 15-152   | Cylinder base and crankcase stud nut             | 5                  |
| 54                    | M20, M21       | 66-58    | Cylinder head gasket                             | 1                  |
| 55                    | M20, M21       | 66-59    | Cylinder head                                    | 1                  |
| 56                    | M20, M21       | 65-479   | Crankpin oil hole plug screw                     | 1                  |
| 57                    | M20, M21       | 66-545   | Crankpin                                         | 1                  |
| 58                    | M20, M21       | 66-506   | Crankpin roller cage                             | 1                  |
| 59                    | M20, M21       | 66-477   | Connecting rod big end assembly                  | 1                  |
| 60                    | M20, M21       | 66-480   | Connecting rod with bushes                       | 1                  |
| 61                    | M20, M21       | 66-491   | Gudgeon pin bush                                 | 1                  |
| 62                    | M20, M21       | 66-953   | Gudgeon pin                                      | 1                  |
| 63                    | M20            | 66-1193  | Piston complete                                  | 1                  |
| 64                    | M20, M21       | 66-1094  | Piston ring (top) (Standard)                     | 1                  |
| 65                    | M20, M21       | 66-1244  | Piston ring (bottom) (Standard)                  | 1                  |
| 66                    | M20, M21       | 66-1100  | Piston scraper ring                              | 1                  |
| 67                    | M20, M21       | 66-661   | Engine shaft shim (drive side)                   | 1                  |
| 68                    | M20, M21       | 65-2045  | Ball bearing (drive side)                        | 1                  |
| 69                    | M20, M21       | 65-2240  | Crankcase bearing spring ring                    | 1                  |
| 70                    | M20, M21       | 66-954   | Gudgeon pin circlip                              | 2                  |
| 71                    | M20, M21       | 66-660   | Engine shaft distance collar                     | 1                  |



# ENGINE

M20 M21

Engine

Gearbox

Clutch and  
Front  
Chaincase

Frame and  
Fittings

Front Fork  
and  
Fittings

Front Hub  
and Wheel  
Fittings

Rear Hub  
and Wheel  
Fittings

Mudguards  
Oil Tank  
Toolbox and  
Chainguards

Petrol Tank  
Handlebar  
Dual Seat  
Battery Carrier  
and Silencer

Rear Mudguard  
Toolbox  
Chainguards  
Rear Brake  
Control  
and Silencer

Special  
Components  
as supplied to  
Automobile  
Association

Legshields

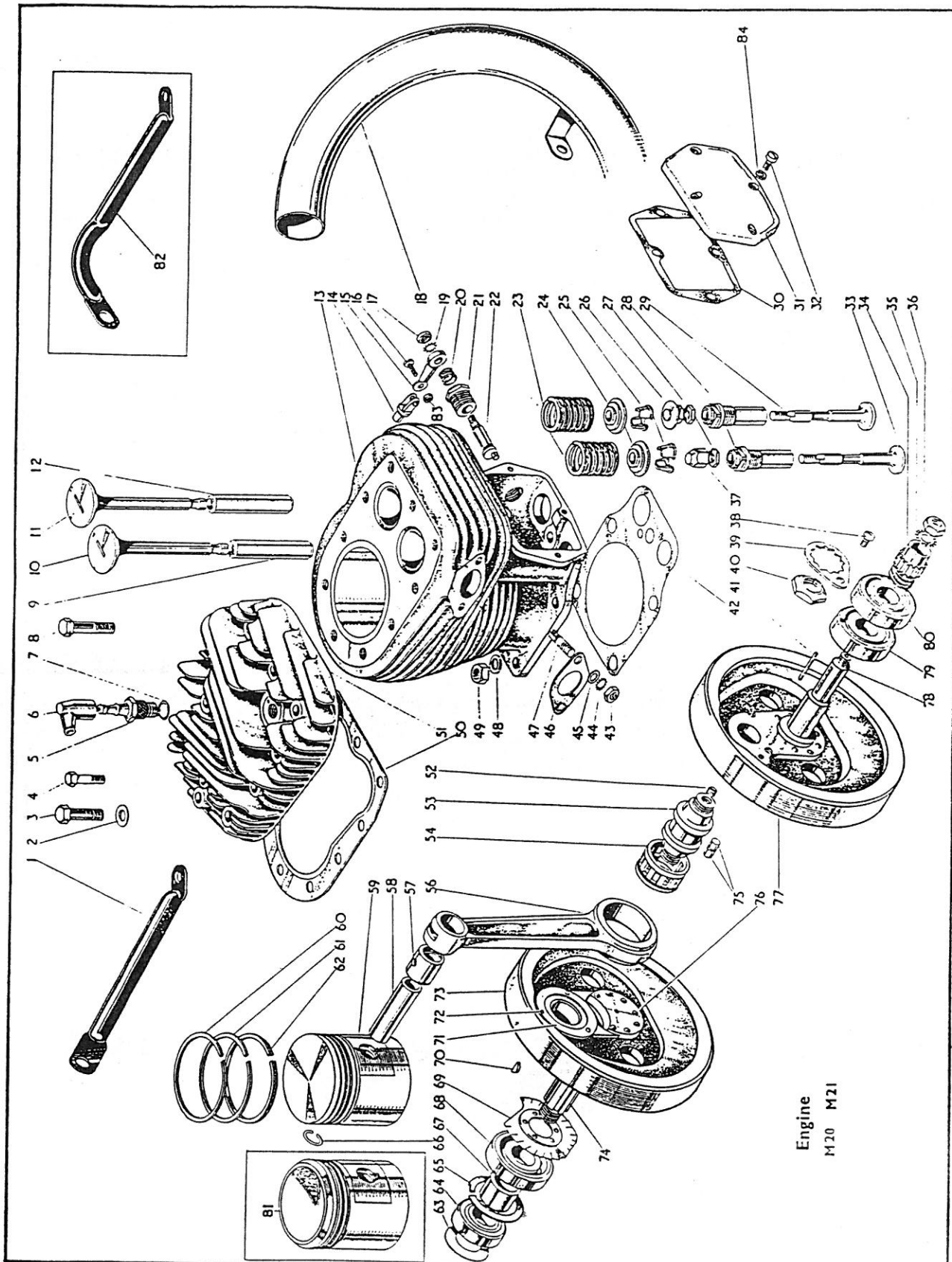
Tools and  
Sundries

Electrical  
Equipment

Front and Rear  
Safety Bars,  
Safety Bars  
and Legshields

Sidcar  
Chassis

Carrier and  
Panniers



Engine  
M20 M21

## Plate 1—continued

## ENGINE

M20 M21

| Plate Ref.<br>Number. | Model.         | Part No. | Description.                                            | Number<br>per set. |
|-----------------------|----------------|----------|---------------------------------------------------------|--------------------|
| 68                    | M20, M21       | 24-724   | Roller bearing (drive side)                             | 1                  |
| 69                    | M20, M21       | 24-2113  | Oil flinger                                             | 1                  |
| 70                    | M20, M21       | 2-36     | Crankpin key                                            | 1                  |
| 71                    | M20, M21       | 66-629   | Connecting rod thrust washer                            | 2                  |
| 72                    | M20, M21       | 66-630   | Connecting rod thrust washer rivet                      | 6                  |
| 73                    | M20            | 66-700   | Flywheel (drive side) with shaft assembled              | 1                  |
| 73                    | M21            | 66-705   | Flywheel (drive side) with shaft assembled              | 1                  |
| 73                    | M21 A.A. Model | 66-636   | Flywheel (drive side) with shaft assembled              | 1                  |
| 74                    | M20, M21       | 66-644   | Engine shaft (drive side)                               | 1                  |
| 75                    | M20, M21       | 24-375   | Big end roller                                          | 24                 |
| 76                    | M20, M21       | 27-1239  | Engine shaft rivet                                      | 14                 |
| 77                    | M20            | 66-702   | Flywheel (gearside) with shaft assembled                | 1                  |
| 77                    | M21            | 66-707   | Flywheel (gearside) with shaft assembled                | 1                  |
| 77                    | M21 A.A. Model | 66-634   | Flywheel (gearside) with shaft assembled                | 1                  |
| 78                    | M20, M21       | 66-640   | Engine shaft (gearside)                                 | 1                  |
| 79                    | M20, M21       | 24-722   | Roller bearing (gearside)                               | 1                  |
| 80                    | M20, M21       | 27-261   | Ball bearing (gearside)                                 | 1                  |
| 81                    | M21            | 66-1215  | Piston complete                                         | 1                  |
| 82                    | M20, M21       | 66-306   | Engine steady stay (for use when R/H sidecar is fitted) | 1                  |
| 83                    | M20, M21       | 2-1584   | Exhaust lifter cable toggle screw                       | 1                  |
| 84                    | M20, M21       | 24-978   | Valve spring cover securing washer (spring)             | 4                  |

## Plate 2

## ENGINE

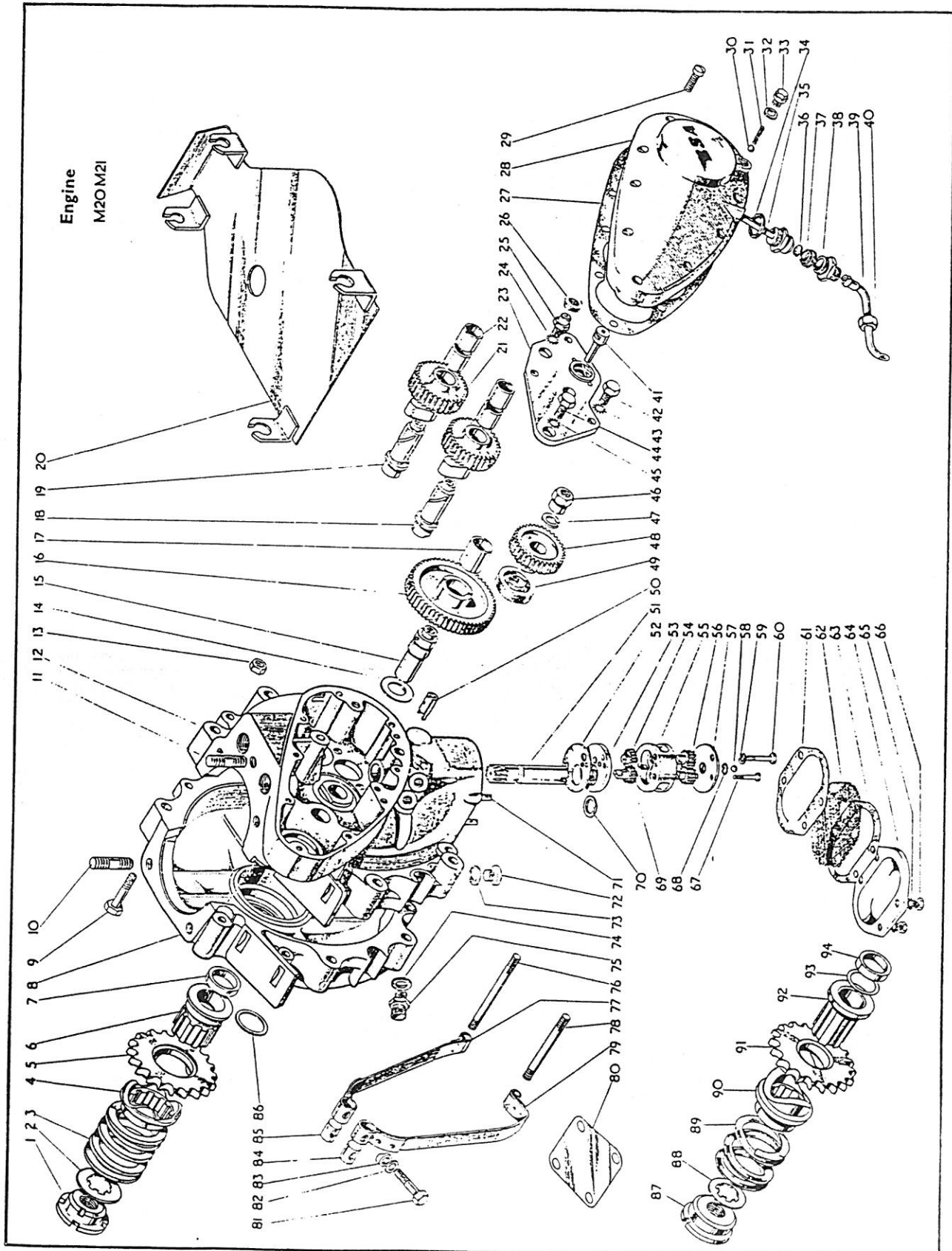
M20 M21

| Plate Ref.<br>Number. | Model.   | Part No. | Description.                                                       | Number<br>per set. |
|-----------------------|----------|----------|--------------------------------------------------------------------|--------------------|
| 1                     | M20, M21 | 65-2520  | Cush drive bearing nut                                             | 1                  |
| 2                     | M20, M21 | 65-2521  | Cush drive bearing nut lockwasher                                  | 1                  |
| 3                     | M20      | 15-46    | Cush drive spring (up to 1955)                                     | 1                  |
| 3                     | M21      | 66-1706  | Cush drive spring (up to 1955)                                     | 1                  |
| 4                     | M20, M21 | 15-5155  | Cush drive sleeve (up to 1955)                                     | 1                  |
| 5                     | M20      | 15-1568  | Engine sprocket (16T) (sidecar) (up to 1955)                       | 1                  |
| 5                     | M20      | 15-1566  | Engine sprocket (18T) (solo) (up to 1955)                          | 1                  |
| 5                     | M21      | 15-1568  | Engine sprocket (16T) (standard) (up to 1955)                      | 1                  |
| 5                     | M21      | 15-1564  | Engine sprocket (20T) (solo) (up to 1955)                          | 1                  |
| 6                     | M20, M21 | 65-2523  | Cush drive bearing (up to 1955)                                    | 1                  |
| 7                     | M20, M21 | 65-2528  | Cush drive distance piece (.320"—.325") (as required) (up to 1955) | 1                  |
| 8                     | M20, M21 | *66-1613 | Crankcase (drive side) with fixed fittings                         | 1                  |
| 9                     | M20, M21 | 15-1355  | Crankcase connecting bolt                                          | 3                  |
| 10                    | M20, M21 | 24-1620  | Cylinder base and crankcase stud                                   | 4                  |
| 11                    | M20, M21 | 66-1627  | Cylinder base and crankcase stud                                   | 1                  |
| 12                    | M20, M21 | *66-1601 | Crankcase (gear side) with fixed fittings                          | 1                  |
| 13                    | M20, M21 | 2-49     | Crankcase connecting bolt nut                                      | 5                  |
| 14                    | M20, M21 | 36-3528  | Magdyno drive idler pinion thrust washer                           | 1                  |
| 15                    | M20, M21 | 65-2335  | Magdyno drive idler pinion spindle                                 | 1                  |
| 16                    | M20, M21 | 66-2250  | Magdyno drive idler pinion with bush                               | 1                  |
| 17                    | M20, M21 | 65-2336  | Magdyno drive idler pinion bush                                    | 1                  |
| 18                    | M20, M21 | 65-2425  | Cam pinion spindle (inlet)                                         | 1                  |
| 19                    | M20, M21 | 65-2426  | Cam pinion spindle (exhaust)                                       | 1                  |
| 20                    | M20, M21 | 66-2744  | Crankcase shield                                                   | 1                  |
| 21                    | M20, M21 | 65-2420  | Cam pinion (inlet and exhaust) with bushes                         | 2                  |
| 22                    | M20, M21 | 65-441   | Cam pinion bush (inlet and exhaust)                                | 4                  |
| 23                    | M20, M21 | 66-2008  | Timing gear plate with bearing                                     | 1                  |
| 24                    | M20, M21 | 36-382   | Gear plate bolt washer                                             | 2                  |
| 25                    | M20, M21 | 66-2007  | Cam pinion spindle bolt                                            | 2                  |
| 26                    | M20, M21 | 66-1923  | Timing cover all feed washer (rubber)                              | 2                  |
| 27                    | M20, M21 | 66-1920  | Timing cover washer                                                | 1                  |
| 28                    | M20, M21 | 65-2143  | Timing cover                                                       | 1                  |
| 29                    | M20, M21 | 65-2157  | Timing cover screw                                                 | 9                  |
| 30                    | M20, M21 | 1-4675   | Oil valve spring ball                                              | 1                  |

\*Supplied only as 66-1612 Crankcase drive side and gear side assembled

# ENGINE

M20 M21



Gearbox

Clutch and  
Front  
Chaincase

Frame and  
Fittings

Front Fork  
and  
Fittings

Front Hub  
and Wheel  
Fittings

Rear Hub  
and Wheel  
Fittings

Mudguards  
Oil Tank  
Toolbox and  
Chainguard

Petrol Tank  
Handlebar  
Dual Seat  
Battery Carrier  
and Silencer

Rear Mudguard  
Toolbox  
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Rear Brake  
Control  
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Association

Legshields

Tools and  
Sundries

Electrical  
Equipment

Front and Rear  
Safety Bars,  
Safety Bars  
and Legshield

Sidecar  
Chassis

Carrier and  
Pannier



## Plate 2—continued.

## ENGINE

M20 M21

| Plate Ref.<br>Number. | Models.  | Part No. | Description.                                | Number<br>per set. |
|-----------------------|----------|----------|---------------------------------------------|--------------------|
| 31                    | M20, M21 | 66-1684  | Oil valve spring                            | 1                  |
| 32                    | M20, M21 | 66-1683  | Oil valve spring screw washer               | 1                  |
| 33                    | M20, M21 | 65-2188  | Oil valve spring retaining screw            | 1                  |
| 34                    | M20, M21 | 31-8430  | Air release adaptor washer                  | 1                  |
| 35                    | M20, M21 | 65-2168  | Air release adaptor                         | 1                  |
| 36                    | M20, M21 | 15-82    | Air release disc                            | 1                  |
| 37                    | M20, M21 | 65-2171  | Air release adaptor screw                   | 1                  |
| 38                    | M20, M21 | 65-2165  | Air release body                            | 1                  |
| 39                    | M20, M21 | 65-2166  | Breather extension pipe                     | 1                  |
| 40                    | M20, M21 | 66-8332  | Breather extension pipe nut                 | 1                  |
| 41                    | M20, M21 | 66-698   | Engine shaft oil feed pipe                  | 1                  |
| 42                    | M20, M21 | 21-2902  | Gear plate bolt (Whit.)                     | 3                  |
| 43                    | M20, M21 | 36-382   | Gear plate bolt washer                      | 2                  |
| 44                    | M20, M21 | 1-5069   | Gear plate bolt (C.E.I.)                    | 1                  |
| 45                    | M20, M21 | 36-382   | Gear plate bolt washer                      | 2                  |
| 46                    | M20, M21 | 24-195   | Magdyno driving pinion nut                  | 1                  |
| 47                    | M20, M21 | 2-2903   | Magdyno driving pinion washer               | 1                  |
| 48                    | M20, M21 | 65-2334  | Magdyno driving pinion                      | 1                  |
| 49                    | M20, M21 | 65-2316  | Magdyno driving pinion oil seal             | 1                  |
| 50                    | M20, M21 | 65-2580  | Oil pump spindle retaining pin              | 1                  |
| 51                    | M20, M21 | 66-2620  | Oil pump driving spindle                    | 1                  |
| 52                    | M20, M21 | 65-2618  | Oil pump crankcase joint washer             | 1                  |
| 53                    | M20, M21 | 65-2598  | Oil pump top plate                          | 1                  |
| 54                    | M20, M21 | *65-2600 | Oil pump feed gear (driven)                 | 1                  |
| 55                    | M20, M21 | 65-2596  | Oil pump body                               | 1                  |
| 56                    | M20, M21 | *65-2599 | Oil pump scavenge gear                      | 2                  |
| 57                    | M20, M21 | 65-2625  | Oil pump bottom plate with ball valve       | 1                  |
| 58                    | M20, M21 | 65-2593  | Oil pump valve steel ball                   | 1                  |
| 59                    | M20, M21 | 24-978   | Oil pump fixing spring washer               | 2                  |
| 60                    | M20, M21 | 65-2604  | Oil pump fixing bolt                        | 2                  |
| 61                    | M20, M21 | 65-2612  | Crankcase scavenge cover washer             | 1                  |
| 62                    | M20, M21 | 65-2623  | Oil pump filter                             | 1                  |
| 63                    | M20, M21 | 65-2612  | Crankcase scavenge cover washer             | 2                  |
| 64                    | M20, M21 | 65-2611  | Crankcase scavenge cover                    | 1                  |
| 65                    | M20, M21 | 29-541   | Scavenge cover stud washer                  | 4                  |
| 66                    | M20, M21 | 2-51     | Scavenge cover stud nut                     | 4                  |
| 67                    | M20, M21 | 15-848   | Oil pump bolt...                            | 2                  |
| 68                    | M20, M21 | 65-2622  | Oil pump valve circlip                      | 1                  |
| 69                    | M20, M21 | *65-2601 | Oil pump feed gear (driver)                 | 1                  |
| 70                    | M20, M21 | 65-2606  | Oil pump top plate washer                   | 4                  |
| 71                    | M20, M21 | 31-222   | Scavenge cover stud...                      | 1                  |
| 72                    | M20, M21 | 28-243   | Drain plug (crankcase)                      | 1                  |
| 73                    | M20, M21 | 2-4553   | Drain plug washer                           | 2                  |
| 74                    | M20, M21 | 66-1683  | Crankcase oil pipe washer (fibre)           | 2                  |
| 75                    | M20, M21 | 65-2252  | Crankcase oil pipe adaptor                  | 1                  |
| 76                    | M20, M21 | 31-212   | Crankcase connecting stud (top) (rear)      | 1                  |
| 77                    | M20, M21 | 66-2353  | Magdyno strap complete (short)              | 1                  |
| 78                    | M20, M21 | 24-949   | Crankcase connecting stud (rear)            | 1                  |
| 79                    | M20, M21 | 66-2355  | Magdyno strap complete (long)               | 1                  |
| 80                    | M20, M21 | 66-2347  | Magdyno packing washer (.005")              | as reqd.           |
| 80                    | M20, M21 | 66-2348  | Magdyno packing washer (.010")              | as reqd.           |
| 81                    | M20, M21 | 27-5156  | Magdyno strap clip bolt                     | 1                  |
| 82                    | M20, M21 | 2-923    | Magdyno strap clip bolt washer              | 1                  |
| 83                    | M20, M21 | 29-4662  | Magdyno strap clip bolt saddle washer       | 1                  |
| 84                    | M20, M21 | 65-2352  | Magdyno strap eye plug (plain)              | 1                  |
| 85                    | M20, M21 | 65-2353  | Magdyno strap eye plug (tapped)             | 1                  |
| 86                    | M20, M21 | 66-1707  | Cush drive bearing alignment washer (.032") | as reqd.           |
| 86                    | M20, M21 | 66-1708  | Cush drive bearing alignment washer (.004") | as reqd.           |
| 87                    | M20, M21 | 65-2520  | Cush drive nut                              | 1                  |
| 88                    | M20, M21 | 65-2521  | Cush drive nut locking washer               | 1                  |
| 89                    | M20, M21 | 67-1136  | Cush drive spring                           | 1                  |
| 90                    | M20, M21 | 67-1135  | Cush drive sleeve                           | 1                  |
| 91                    | M20      | 67-1132  | Engine sprocket (18T solo)                  | 1                  |
| 91                    | M20, M21 | 65-2536  | Engine sprocket (16T sidecar)               | 1                  |
| 91                    | M21      | 65-2538  | Engine sprocket (20T solo)                  | 1                  |
| 92                    | M20, M21 | 65-2539  | Cush drive bearing                          | as reqd.           |
| 93                    | M20, M21 | 66-1707  | Cush drive bearing alignment washer         | as reqd.           |
| 93                    | M20, M21 | 66-1708  | Cush drive bearing alignment washer         | as reqd.           |
| 94                    | M20, M21 | 65-2540  | Cush drive distance piece                   | 1                  |

\*65-2599 replaced by 65-2590

\*65-2600 replaced by 65-2591

\*65-2601 replaced by 65-2592

For replacement purposes these gears are only supplied in sets of four.



## Plate 3

## ENGINE

M33

| Plate Ref.<br>Number. | Model. | Part No. | Description.                                                         | Number<br>per set. |
|-----------------------|--------|----------|----------------------------------------------------------------------|--------------------|
| 1                     | M33    | 65-1707  | Cylinder barrel                                                      | 1                  |
| 2                     | M33    | 66-86    | Cylinder base shim                                                   | 1                  |
| 3                     | M33    | 66-92    | Cylinder base washer (up to 1955)                                    | 1                  |
| 4                     | M33    | 65-930   | Push rod cover tube stud nut                                         | 2                  |
| 5                     | M33    | 29-541   | Push rod cover tube stud spring washer                               | 2                  |
| 6                     | M33    | 24-4227  | Push rod cover tube stud                                             | 2                  |
| 7                     | M33    | 66-1379  | Push rod cover tube bottom washer                                    | 1                  |
| 8                     | M33    | 66-1937  | Push rod tappet recess cover washer                                  | 1                  |
| 9                     | M33    | 66-1936  | Push rod tappet recess cover                                         | 1                  |
| 10                    | M33    | 29-2158  | Push rod tappet recess cover screw                                   | 4                  |
| 11                    | M33    | 66-115   | Cylinder holding down bolt complete                                  | 4                  |
| 12                    | M33    | 65-1084  | Push rod complete                                                    | 2                  |
| 13                    | M33    | 65-1080  | Push rod cover tube                                                  | 1                  |
| 14                    | M33    | 65-1142  | Valve rocker inspection cover                                        | 1                  |
| 15                    | M33    | 2-2582   | Valve rocker inspection cover screw                                  | 4                  |
| 16                    | M33    | 65-1143  | Valve rocker inspection cover washer                                 | 1                  |
| 17                    | M33    | 66-2998  | Exhaust pipe complete                                                | 1                  |
| 18                    | M33    | 65-1240  | Exhaust valve                                                        | 1                  |
| 19                    | M33    | 65-1516  | Exhaust valve guide                                                  | 1                  |
| 20                    | M33    | 65-1149  | Valve spring collar                                                  | 2                  |
| 21                    | M33    | 15-1525  | Valve spring split collar (exhaust)                                  | 2 halves           |
| 22                    | M33    | 66-2967  | Exhaust pipe flanged collar                                          | 1                  |
| 23                    | M33    | 65-1160  | Cylinder head cover (exhaust) (right-hand)                           | 1                  |
| 24                    | M33    | 2-443    | Exhaust lifter cable holder nut                                      | 1                  |
| 25                    | M33    | 27-1163  | Exhaust lifter cable holder                                          | 1                  |
| 26                    | M33    | 2-443    | Exhaust lifter spindle nut                                           | 1                  |
| 27                    | M33    | 2-525    | Exhaust lifter washer                                                | 1                  |
| 28                    | M33    | 65-1137  | Exhaust lifter                                                       | 1                  |
| 29                    | M33    | 35-701   | Exhaust lifter spindle split pin                                     | 1                  |
| 30                    | M33    | 65-1165  | Exhaust lifter spindle                                               | 1                  |
| 31                    | M33    | 2-2894   | Exhaust lifter bush washer (fibre)                                   | 1                  |
| 32                    | M33    | 65-387   | Exhaust lifter bush                                                  | 1                  |
| 33                    | M33    | 65-401   | Exhaust lifter spindle washer (felt)                                 | 1                  |
| 34                    | M33    | 65-402   | Exhaust lifter spindle washer                                        | 1                  |
| 35                    | M33    | 65-403   | Exhaust lifter spindle spring                                        | 1                  |
| 36                    | M33    | 66-1436  | Exhaust lifter lever                                                 | 1                  |
| 37                    | M33    | 2-443    | Exhaust lifter spindle nut                                           | 1                  |
| 38                    | M33    | 2-525    | Exhaust lifter washer                                                | 1                  |
| 39                    | M33    | 65-317   | Rocker oil feed pipe banjo screw                                     | 2                  |
| 40                    | M33    | 66-102   | Spark plug washer                                                    | 1                  |
| 41                    | M33    | 65-114   | Spark plug                                                           | 1                  |
| 42                    | M33    | 65-1776  | Spark plug suppressor                                                | 1                  |
| 43                    | M33    | 65-1660  | Piston (7.5 to 1 C.R.) complete with rings, gudgeon pin and circlips | 1                  |
| 44                    | M33    | 15-1525  | Valve spring split cotter (inlet)                                    | 2 halves           |
| 45                    | M33    | 65-1149  | Valve spring collar                                                  | 2                  |
| 46                    | M33    | 31-8430  | Rocker feed pipe top union washer                                    | 2                  |
| 47                    | M33    | 65-1161  | Valve rocker fulcrum pin                                             | 2                  |
| 48                    | M33    | 65-1146  | Valve spring (inner)                                                 | 2                  |
| 49                    | M33    | 65-1147  | Valve spring (outer)                                                 | 2                  |
| 50                    | M33    | 65-1515  | Inlet valve guide                                                    | 1                  |
| 51                    | M33    | 65-1118  | Valve rocker fulcrum pin washer                                      | 2                  |
| 52                    | M33    | 65-1117  | Valve rocker fulcrum spring                                          | 2                  |
| 53                    | M33    | 65-1102  | Valve rocker (inlet)                                                 | 1                  |
| 53B                   | M33    | 65-1100  | Valve rocker (exhaust)                                               | 1                  |
| 54                    | M33    | 27-1111  | Valve rocker fulcrum pin thrust washer                               | 2                  |
| 55                    | M33    | 29-541   | Cylinder head cover screw washer                                     | 8                  |
| 56                    | M33    | 65-1166  | Cylinder head cover screw                                            | 8                  |
| 57                    | M33    | 65-1704  | Cylinder head with fixed fittings                                    | 1                  |
| 58                    | M33    | 36-481   | Valve rocker fulcrum pin nut washer                                  | 2                  |
| 59                    | M33    | 65-311   | Valve rocker fulcrum pin nut                                         | 2                  |
| 60                    | M33    | 66-1367  | Push rod cover tube gland packing                                    | 1                  |
| 61                    | M33    | 65-1082  | Push rod cover tube gland nut                                        | 1                  |
| 62                    | M33    | 2-49     | Carburettor stud nut                                                 | 2                  |
| 63                    | M33    | 36-382   | Carburettor stud nut washer                                          | 2                  |
| 64                    | M33    | 24-5205  | Carburettor stud                                                     | 2                  |
| 65                    | M33    | 65-1238  | Carburettor flange washer (Tuinol)                                   | 1                  |
| 66                    | M33    | 65-1232  | Carburettor flange washer (paper)                                    | 1                  |
| 67                    | M33    | 65-1164  | Cylinder head cover washer (paper)                                   | 1                  |
| 68                    | M33    | 65-1159  | Cylinder head cover (inlet) (left-hand)                              | 1                  |
| 69                    | M33    | 26-1253  | Oil return pipe banjo screw                                          | 1                  |
| 70                    | M33    | 65-1218  | Oil return pipe                                                      | 1                  |

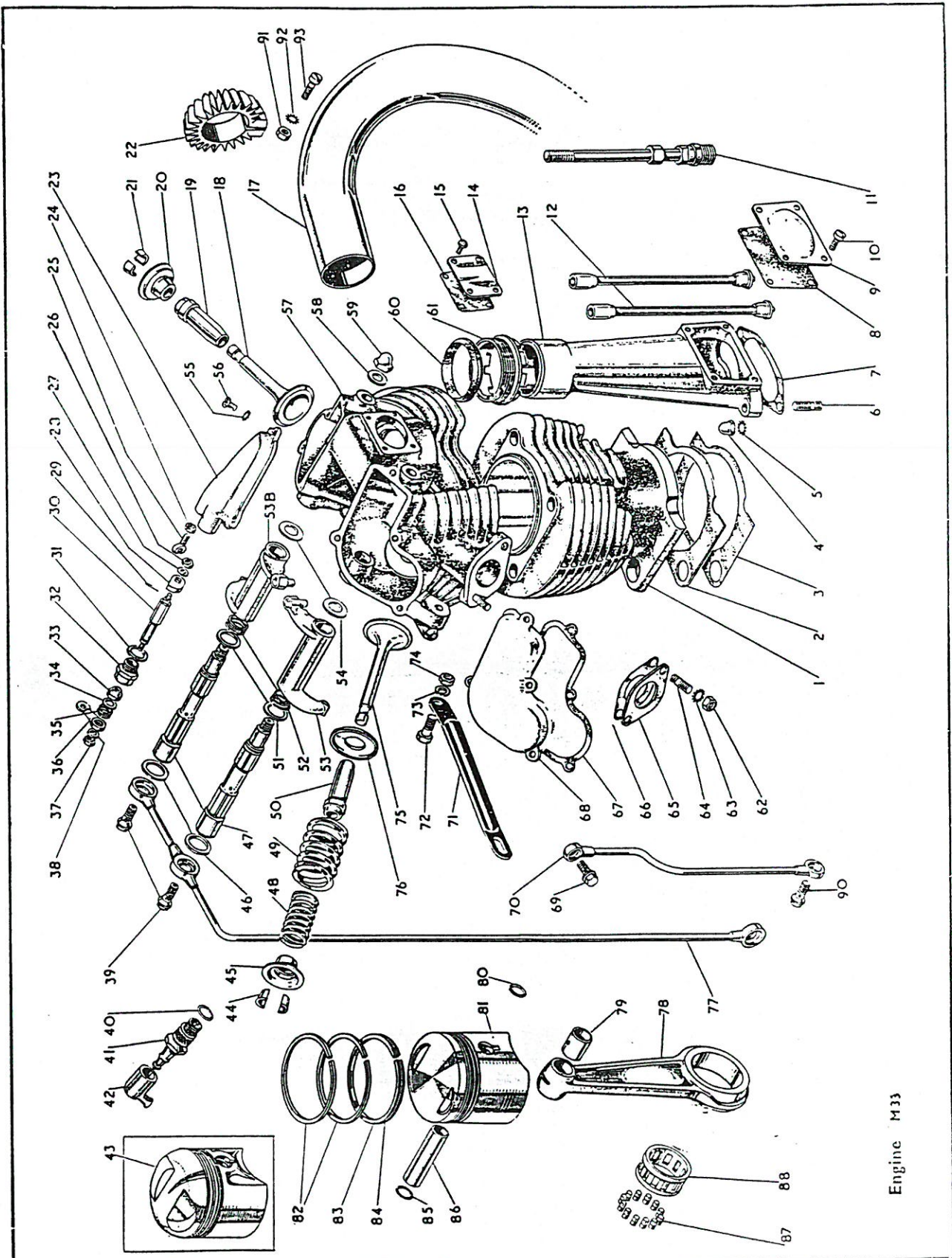
Gearbox

Clutch and  
Front  
ChaincaseFrame and  
FittingsFront Fork  
and  
FittingsFront Hub  
and Wheel  
FittingsRear Hub  
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Association

Legshields

Tools and  
SundriesElectrical  
EquipmentFront and Rear  
Safety Bars  
Safety Bars  
and LegshieldsSidecar  
ChassisCarrier a.  
Pannier

# ENGINE M33



Engine M33

Plate 3—continued

ENGINE

M33

| Plate Ref.<br>Number. | Model. | Part No. | Description.                                  | Number<br>per set. |
|-----------------------|--------|----------|-----------------------------------------------|--------------------|
| 71 ...                | M33    | 66-147   | Engine steady stay ...                        | 1                  |
| 72 ...                | M33    | 15-480   | Engine steady stay bolt (up to 1955)          | 1                  |
| 73 ...                | M33    | 24-8784  | Engine steady stay bolt washer (up to 1955)   | 1                  |
| 74 ...                | M33    | 2-49     | Engine steady stay bolt nut (up to 1955)      | 1                  |
| 75 ...                | M33    | 65-1239  | Inlet valve ...                               | 1                  |
| 76 ...                | M33    | 65-1519  | Valve spring seat ...                         | 2                  |
| 77 ...                | M33    | 65-1544  | Rocker oil feed pipe complete ...             | 1                  |
| 78 ...                | M33    | 65-1613  | Connecting rod with bushes ...                | 1                  |
| 79 ...                | M33    | 66-492   | Connecting rod gudgeon pin bush ...           | 1                  |
| 80 ...                | M33    | 66-954   | Gudgeon pin retaining ring ...                | 1                  |
| 81 ...                | M33    | 65-1692  | Piston complete (6.5 to 1 C.R.) (up to 1955)  | 1                  |
| 82 ...                | M33    | 65-1250  | Piston ring ...                               | 2                  |
| 83 ...                | M33    | 65-1253  | Piston scraper ring ...                       | 1                  |
| 84 ...                | M33    | 24-1792  | Piston scraper ring (Maxigroove) (up to 1955) | 1                  |
| 85 ...                | M33    | 66-954   | Gudgeon pin retaining ring ...                | 1                  |
| 86 ...                | M33    | 66-953   | Gudgeon pin ...                               | 1                  |
| 87 ...                | M33    | 24-375   | Crankpin roller ...                           | 24                 |
| 88 ...                | M33    | 66-506   | Crankpin roller cage ...                      | 1                  |
| 90 ...                | M33    | 26-1253  | Oil return pipe banjo screw ...               | 1                  |
| 91 ...                | M33    | 21-5102  | Exhaust pipe finned collar nut ...            | 1                  |
| 92 ...                | M33    | 29-541   | Exhaust pipe finned collar washer ...         | 1                  |
| 93 ...                | M33    | 21-6187  | Exhaust pipe finned collar screw ...          | 1                  |

Gearbox

Clutch and  
Front  
Chaincase

Frame and  
Fittings

Front Fork  
and  
Fittings

Front Hub  
and Wheel  
Fittings

Rear Hub  
and Wheel  
Fittings

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Oil Tank  
Toolbox and  
Chainguards

Petrol Tank  
Handlebar  
Dual Seat  
Battery Carrier  
and Silencer

Rear Mudguard  
Toolbox  
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Rear Brake  
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Tools and  
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Electrical  
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Front and Rear  
Safety Bars.  
Safety Bars  
and Legshields

Sidecar  
Chassis

Carrier and  
Pannier

Plate 4

ENGINE

M33

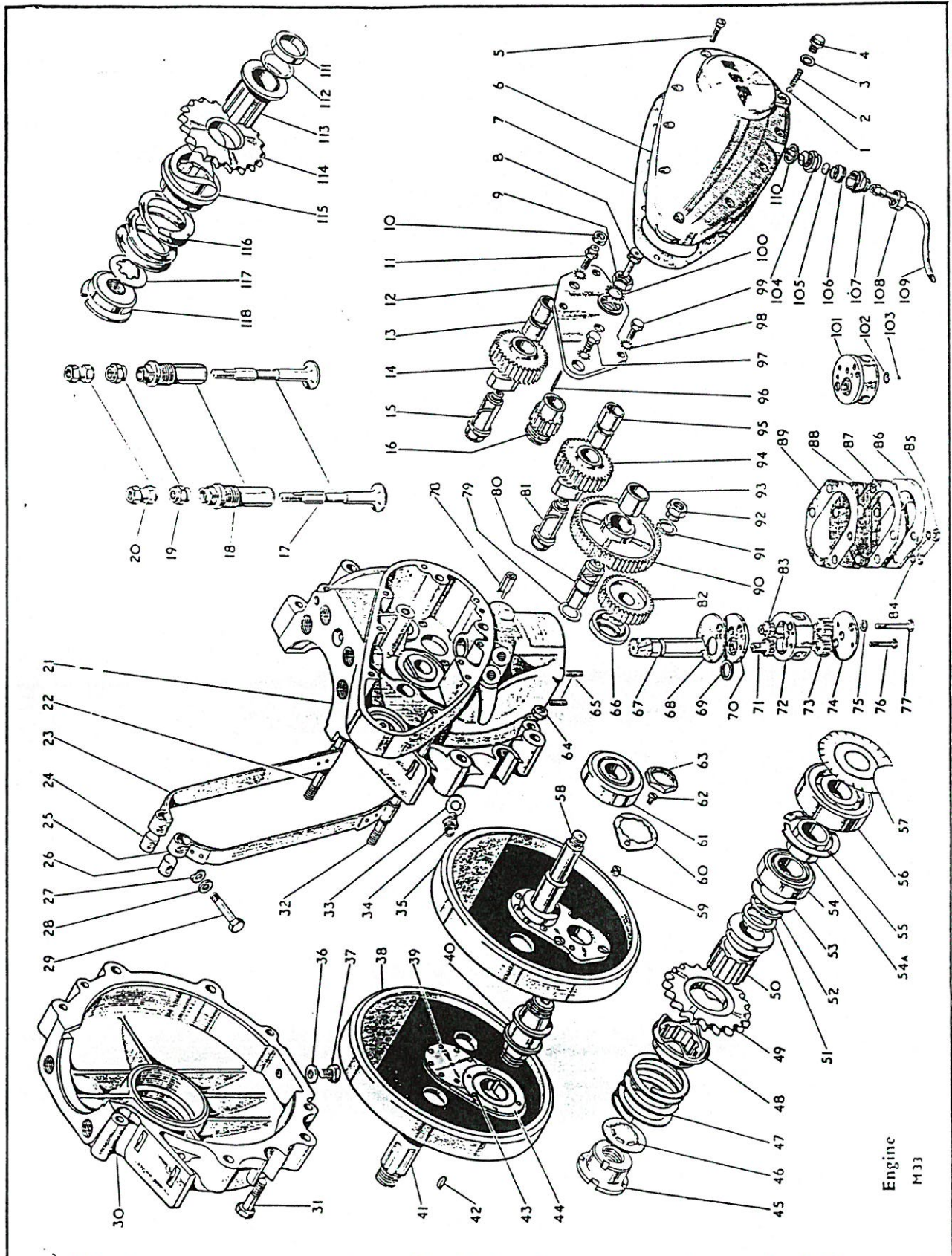
| Plate Ref.<br>Number. | Models. | Part No. | Description.                                   | Number<br>per set. |
|-----------------------|---------|----------|------------------------------------------------|--------------------|
| 1 ...                 | M33     | 1-4675   | Oil valve spring ball ...                      | 1                  |
| 2 ...                 | M33     | 66-1684  | Oil valve spring ...                           | 1                  |
| 3 ...                 | M33     | 66-1683  | Oil valve spring retaining screw washer ...    | 1                  |
| 4 ...                 | M33     | 65-2188  | Oil valve spring retaining screw ...           | 1                  |
| 5 ...                 | M33     | 65-2157  | Timing cover screw ...                         | 9                  |
| 6 ...                 | M33     | 65-2143  | Timing cover complete ...                      | 1                  |
| 7 ...                 | M33     | 66-1920  | Timing cover washer ...                        | 1                  |
| 8 ...                 | M33     | 66-698   | Engine shaft oil feed pipe ...                 | 1                  |
| 9 ...                 | M33     | 29-905   | Engine shaft timing pinion nut ...             | 1                  |
| 10 ...                | M33     | 66-1923  | Oil feed rubber washer ...                     | 2                  |
| 11 ...                | M33     | 66-2007  | Cam pinion spindle bolt ...                    | 2                  |
| 12 ...                | M33     | 66-2008  | Timing gear plate complete ...                 | 1                  |
| 13 ...                | M33     | 65-441   | Cam pinion bush ...                            | 2                  |
| 14 ...                | M33     | 65-2420  | Cam pinion (exhaust) ...                       | 1                  |
| 15 ...                | M33     | 65-2426  | Cam pinion spindle (exhaust) ...               | 1                  |
| 16 ...                | M33     | 65-692   | Engine shaft timing pinion ...                 | 1                  |
| 17 ...                | M33     | 66-1493  | Inlet and exhaust tappet ...                   | 2                  |
| 18 ...                | M33     | 66-1494  | Inlet and exhaust tappet guide ...             | 2                  |
| 19 ...                | M33     | 65-1332  | Inlet and exhaust tappet locknut ...           | 2                  |
| 20 ...                | M33     | 66-1511  | Inlet and exhaust tappet head ...              | 2                  |
| 21 ...                | M33     | *66-1616 | Crankcase (gear side) with fixed fittings ...  | 1                  |
| 22 ...                | M33     | 31-212   | Crankcase stud (top) (rear) ...                | 1                  |
| 23 ...                | M33     | 66-2353  | Magdyno strap (short) complete ...             | 1                  |
| 23 ...                | M33     | 66-2327  | Magneto strap (front) (up to 1955) ...         | 1                  |
| 24 ...                | M33     | 65-2353  | Magdyno strap eye plug (tapped) ...            | 1                  |
| 25 ...                | M33     | 66-2355  | Magdyno strap (long) complete ...              | 1                  |
| 25 ...                | M33     | 66-2343  | Magneto strap (rear) (up to 1955) ...          | 1                  |
| 26 ...                | M33     | 65-2352  | Magdyno strap eye plug (plain) ...             | 1                  |
| 27 ...                | M33     | 29-4662  | Magdyno strap bolt saddle washer ...           | 1                  |
| 28 ...                | M33     | 2-923    | Magdyno strap bolt washer ...                  | 1                  |
| 29 ...                | M33     | 27-5156  | Magdyno strap clip bolt ...                    | 1                  |
| 30 ...                | M33     | *66-1642 | Crankcase (drive side) with fixed fittings ... | 1                  |
| 31 ...                | M33     | 15-1355  | Crankcase connecting bolt ...                  | 3                  |
| 32 ...                | M33     | 24-949   | Crankcase stud (rear) ...                      | 1                  |
| 33 ...                | M33     | 66-1683  | Oil valve spring retaining screw washer ...    | 1                  |
| 34 ...                | M33     | 65-2252  | Oil pipe crankcase pipe adaptor ...            | 1                  |

\*Supplied only as 66-1644 Crankcase drive side and gear side assembled



# ENGINE

M33



Engine  
M33

## ENGINE

M33

| Plate Ref.<br>Number. | Models. | Part No. | Description.                                                 | Number<br>per set | Gearbox         |
|-----------------------|---------|----------|--------------------------------------------------------------|-------------------|-----------------|
| 35                    | M33     | 65-1235  | Flywheel (gear side) with shaft assembled                    | 1                 |                 |
| 35                    | M33     | 65-1742  | Flywheel (gear side) with shaft assembled (up to 1955)       | 1                 |                 |
| 36                    | M33     | 2-4553   | Crankcase drain plug washer                                  | 1                 | Clutch and      |
| 37                    | M33     | 28-243   | Crankcase drain plug                                         | 1                 | Front           |
| 38                    | M33     | 65-1740  | Flywheel (drive side) with shaft assembled (up to 1955)      | 1                 | Chaincase       |
| 38                    | M33     | 65-1233  | Flywheel (drive side) with shaft assembled                   | 1                 |                 |
| 39                    | M33     | 27-1239  | Engine shaft rivet                                           | 14                |                 |
| 40                    | M33     | 66-545   | Crankpin                                                     | 1                 |                 |
| 41                    | M33     | 65-1128  | Engine shaft (drive side)                                    | 1                 | Frame and       |
| 42                    | M33     | 2-36     | Crankpin key                                                 | 1                 | Fittings        |
| 43                    | M33     | 66-630   | Connecting rod thrust washer rivet                           | 6                 |                 |
| 44                    | M33     | 66-629   | Connecting rod thrust washer                                 | 2                 |                 |
| 45                    | M33     | 65-2520  | Cush drive bearing nut                                       | 1                 |                 |
| 46                    | M33     | 65-2521  | Cush drive bearing nut lockwasher                            | 1                 | Front Fork      |
| 47                    | M33     | 66-1706  | Cush drive spring (1954)                                     | 1                 | and             |
| 48                    | M33     | 15-1555  | Cush drive sleeve (1954)                                     | 1                 | Fittings        |
| 49                    | M33     | 15-1564  | Engine sprocket (20T) (solo) (1954)                          | 1                 |                 |
| 49                    | M33     | 15-1567  | Engine sprocket (17T) (sidecar) (1954)                       | 1                 |                 |
| 50                    | M33     | 65-2523  | Cush drive bearing (1954)                                    | 1                 | Front Hub       |
| 51                    | M33     | 65-2528  | Cush drive distance piece (.320"-.325") (up to 1955)         | as reqd.          | and Wheel       |
| 52                    | M33     | 66-1707  | Cush drive bearing alignment washer (.032")                  | as reqd.          | Fittings        |
| 52                    | M33     | 66-1708  | Cush drive bearing alignment washer (.064")                  | as reqd.          |                 |
| 53                    | M33     | 66-661   | Engine shaft shim (drive side)                               | 1                 |                 |
| 54                    | M33     | 65-2045  | Ball bearing (drive side)                                    | 1                 |                 |
| 54A                   | M33     | 66-660   | Engine shaft distance collar                                 | 1                 | Rear Hub        |
| 55                    | M33     | 65-2240  | Main bearing spring ring                                     | 1                 | and Wheel       |
| 56                    | M33     | 24-724   | Roller bearing (drive side)                                  | 1                 | Fittings        |
| 57                    | M33     | 24-2113  | Oil flinger                                                  | 1                 |                 |
| 58                    | M33     | 65-1129  | Engine shaft (gearside)                                      | 1                 |                 |
| 59                    | M33     | 65-479   | Crankpin oil hole plug screw                                 | 1                 |                 |
| 60                    | M33     | 31-300   | Crankpin nut lockwasher                                      | 2                 | Mudguards       |
| 61                    | M33     | 24-722   | Roller bearing (gearside)                                    | 1                 | Oil Tank        |
| 62                    | M33     | 2-77     | Crankpin nut locking washer screw                            | 2                 | Toolbox and     |
| 63                    | M33     | 31-298   | Crankpin nut                                                 | 2                 | Chainguards     |
| 64                    | M33     | 2-49     | Crankcase connecting bolt nut                                | 5                 |                 |
| 65                    | M33     | 31-222   | Crankcase scavenge cover stud                                | 4                 | Petrol Tank     |
| 66                    | M33     | 65-2316  | Magdyno driving pinion oil seal                              | 1                 | Handlebar       |
| 67                    | M33     | 66-2620  | Oil pump driving spindle                                     | 1                 | Dual Seat       |
| 68                    | M33     | 65-2618  | Oil pump and crankcase joint washer                          | 1                 | Battery Carrier |
| 69                    | M33     | 65-2606  | Oil pump top plate washer                                    | 1                 | and Silencer    |
| 70                    | M33     | 65-2598  | Oil pump top plate                                           | 1                 | Far Mudguard    |
| 71                    | M33     | *65-2601 | Oil pump feed gear (driver)                                  | 1                 | Toolbox         |
| 72                    | M33     | 65-2596  | Oil pump body                                                | 1                 | Chainguards     |
| 73                    | M33     | *65-2599 | Oil pump scavenge gear                                       | 2                 | Rear Brake      |
| 74                    | M33     | 65-2625  | Oil pump bottom plate with valve body circlip and steel ball | 1                 | Control         |
| 75                    | M33     | 24-978   | Oil pump fixing bolt washer                                  | 2                 | and Silencer    |
| 76                    | M33     | 15-848   | Oil pump bolt                                                | 2                 |                 |
| 77                    | M33     | 65-2604  | Oil pump fixing bolt                                         | 2                 | Special         |
| 78                    | M33     | 65-2580  | Oil pump driving spindle retaining pin                       | 1                 | Components      |
| 79                    | M33     | 36-3528  | Magdyno drive idler pinion thrust washer                     | 1                 | is supplied to  |
| 80                    | M33     | 65-2335  | Magdyno drive idler pinion spindle                           | 1                 | Automobile      |
| 81                    | M33     | 65-2425  | Cam pinion spindle (inlet)                                   | 1                 | Association     |
| 82                    | M33     | 65-2334  | Magdyno driving pinion                                       | 1                 |                 |
| 83                    | M33     | *65-2600 | Oil pump feed gear (driven)                                  | 1                 | Legshields      |
| 84                    | M33     | 29-541   | Crankcase scavenge cover stud washer                         | 4                 |                 |
| 85                    | M33     | 2-51     | Crankcase scavenge cover stud nut                            | 4                 |                 |
| 86                    | M33     | 65-2611  | Crankcase scavenge cover                                     | 1                 |                 |
| 87                    | M33     | 65-2612  | Crankcase scavenge cover washer                              | 2                 | Tools and       |
| 88                    | M33     | 65-2623  | Oil pump filter                                              | 1                 | Sundries        |
| 89                    | M33     | 65-2612  | Crankcase scavenge cover washer                              | 2                 |                 |
| 90                    | M33     | 66-2250  | Magdyno drive idler pinion                                   | 1                 |                 |
| 91                    | M33     | 2-2903   | Magdyno driving pinion washer                                | 1                 |                 |
| 92                    | M33     | 24-195   | Magdyno driving pinion nut                                   | 1                 |                 |
| 93                    | M33     | 65-2336  | Magdyno drive idler pinion bush                              | 1                 | Electrical      |
| 94                    | M33     | 65-2425  | Cam pinion (inlet)                                           | 1                 | Equipment       |
| 95                    | M33     | 65-441   | Cam pinion bush                                              | 2                 |                 |
| 96                    | M33     | 65-693   | Engine shaft timing pinion key                               | 1                 |                 |
| 97                    | M33     | 1-5069   | Timing gear plate bolt (C.E.I.)                              | 1                 |                 |
| 98                    | M33     | 36-382   | Timing gear plate bolt washer                                | 6                 | Front and Rear  |
| 99                    | M33     | 21-2902  | Timing gear plate bolt (Whit.)                               | 3                 | Safety Bars     |
| 100                   | M33     | 65-695   | Pinion locking washer                                        | 1                 | Safety Bars     |

\*65-2601 replaced by 65-2592

\*65-2599 replaced by 65-2590

\*65-2600 replaced by 65-2591

For replacement purposes these gears are only supplied in sets of four.

Sidecar  
ChassisCarrier a  
Pannier



## Plate 4—continued

## ENGINE

M33

| Plate Ref.<br>Number. | Models. | Part No. | Description.                                  | Number<br>per set. |
|-----------------------|---------|----------|-----------------------------------------------|--------------------|
| 101                   | M33     | 65-2589  | Oil pump complete                             | 1                  |
| 102                   | M33     | 65-2622  | Oil pump valve body circlip                   | 1                  |
| 103                   | M33     | 65-2593  | Oil pump valve body steel ball                | 1                  |
| 104                   | M33     | 65-2168  | Timing cover air release adaptor complete     | 1                  |
| 105                   | M33     | 15-82    | Air release disc                              | 1                  |
| 106                   | M33     | 65-2171  | Air release adaptor screw                     | 1                  |
| 107                   | M33     | 65-2165  | Timing cover air release body                 | 1                  |
| 108                   | M33     | 66-8332  | Timing cover breather extension pipe nut      | 1                  |
| 109                   | M33     | 65-2166  | Timing cover breather extension pipe complete | 1                  |
| 110                   | M33     | 31-8430  | Air release adaptor washer (fibre)            | 1                  |
| 111                   | M33     | 65-2540  | Cush drive distance piece (1955 Models)       | 1                  |
| 112                   | M33     | 66-1707  | Cush drive bearing alignment washer           | as reqd.           |
| 112                   | M33     | 66-1708  | Cush drive bearing alignment washer           | as reqd.           |
| 113                   | M33     | 65-2539  | Cush drive bearing                            | 1                  |
| 114                   | M33     | 65-2537  | Engine sprocket (17T) (sidecar)               | 1                  |
| 114                   | M33     | 65-2538  | Engine sprocket (20T) (solo)                  | 1                  |
| 115                   | M33     | 67-1135  | Cush drive sleeve                             | 1                  |
| 116                   | M33     | 67-1136  | Cush drive spring                             | 1                  |
| 117                   | M33     | 65-2521  | Cush drive nut locking washer                 | 1                  |
| 118                   | M33     | 65-2520  | Cush drive nut                                | 1                  |

## Plate 5

## GEARBOX

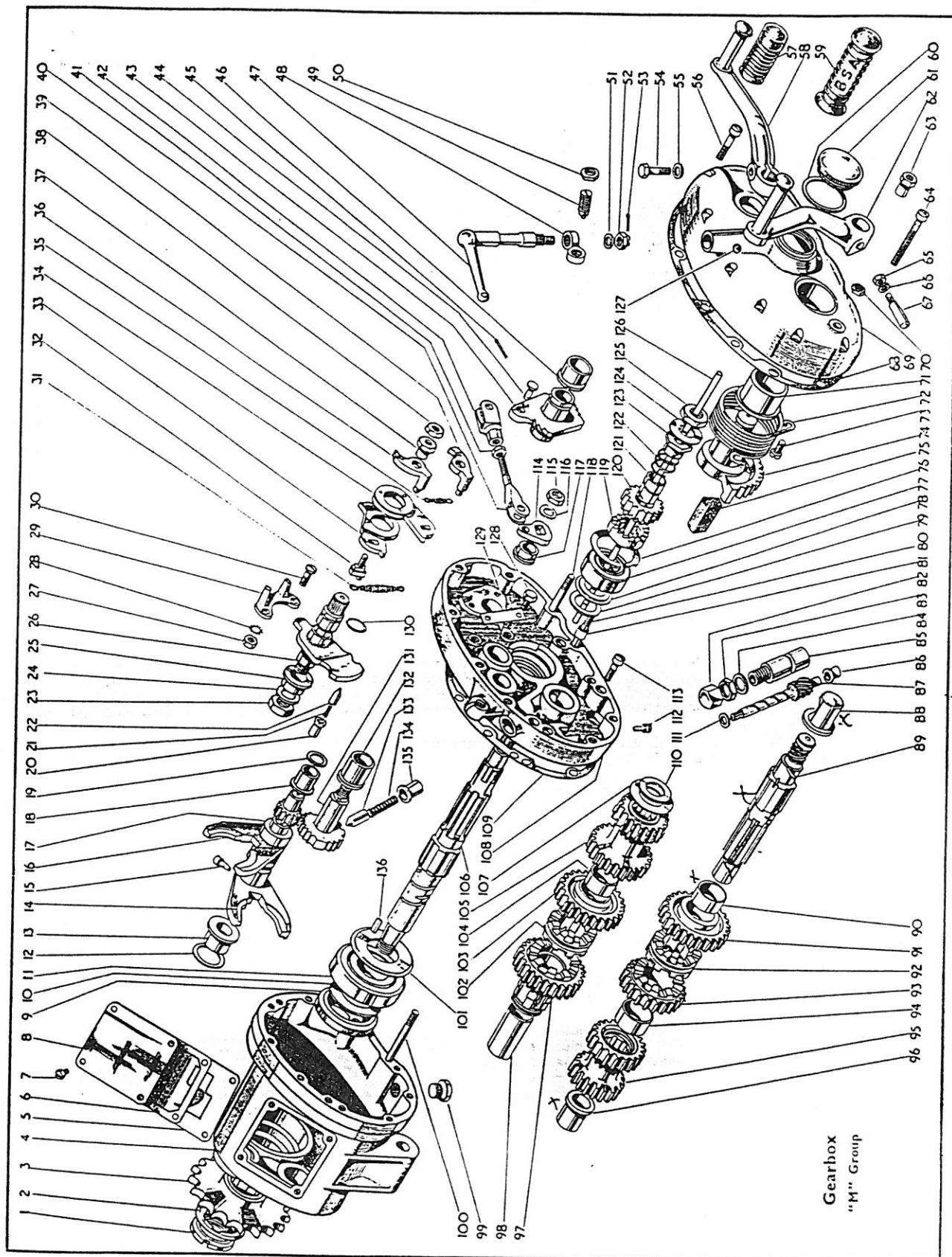
"M" Group

| Plate Ref.<br>Number. | Model.  | Part No. | Description.                                | Number<br>per set. |
|-----------------------|---------|----------|---------------------------------------------|--------------------|
| 1                     | M Group | 24-4226  | Gearbox sprocket locknut                    | 1                  |
| 2                     | M Group | 24-4263  | Gearbox sprocket nut lockwasher             | 1                  |
| 3                     | M Group | 65-3506  | Gearbox sprocket (19T)                      | 1                  |
| 4                     | M Group | 66-3140  | Gearbox with fixed fittings                 | 1                  |
| 5                     | M Group | 24-4288  | Gearbox oil baffle                          | 1                  |
| 6                     | M Group | 15-4110  | Gearbox inspection cover washer             | 2                  |
| 7                     | M Group | 27-4258  | Gearbox inspection cover screw              | 4                  |
| 8                     | M Group | 66-3070  | Gearbox inspection cover                    | 1                  |
| 9                     | M Group | 65-3508  | Gearbox sprocket oil seal                   | 1                  |
| 10                    | M Group | 65-3509  | Gearbox sprocket oil seal washer            | 1                  |
| 11                    | M Group | 24-4065  | Gearbox ballrace                            | 1                  |
| 12                    | M Group | 66-3086  | Gear control shaft packing washer           | as reqd.           |
| 13                    | M Group | 66-3084  | Gear control shaft bush                     | 1                  |
| 14                    | M Group | 66-3290  | Gear operating fork                         | 1                  |
| 15                    | M Group | 66-3291  | Gear control shaft peg                      | 2                  |
| 16                    | M Group | 66-3290  | Gear operating fork                         | 1                  |
| 17                    | M Group | 66-3288  | Gear control shaft with forks               | 1                  |
| 17                    | M Group | 66-3083  | Gear control shaft                          | 1                  |
| 18                    | M Group | 24-4245  | Gear control shaft bush (inner cover)       | 1                  |
| 19                    | M Group | 66-3087  | Gear control shaft bush packing washer      | as reqd.           |
| 20                    | M Group | 15-4223  | Indexing plunger sleeve                     | 1                  |
| 21                    | M Group | 15-4225  | Indexing plunger spring                     | 1                  |
| 22                    | M Group | 15-4224  | Indexing plunger                            | 1                  |
| 23                    | M Group | 2-440    | Operating shaft nut                         | 1                  |
| 24                    | M Group | 15-39    | Operating shaft washer                      | 1                  |
| 25                    | M Group | 15-4226  | Pedal shaft bush                            | 1                  |
| 26                    | M Group | 15-4229  | Operating shaft                             | 1                  |
| 27                    | M Group | 15-4231  | Operating plate                             | 1                  |
| 27                    | M Group | 2-49     | Operating plate and pawl arm stop screw nut | 2                  |
| 28                    | M Group | 36-382   | Operating plate and pawl arm stop washer    | 2                  |
| 29                    | M Group | 15-4228  | Operating plate and pawl arm stop           | 1                  |
| 30                    | M Group | 2-2211   | Operating plate and pawl arm stop screw     | 2                  |
| 31                    | M Group | 15-4139  | Pawl carrier arm main spring                | 1                  |
| 32                    | M Group | 15-4138  | Pawl pivot                                  | 2                  |
| 33                    | M Group | 15-4243  | Pawl carrier arm (bottom) (complete)        | 1                  |
| 34                    | M Group | 15-4242  | Pawl carrier arm (top) (complete)           | 1                  |
| 35                    | M Group | 15-4161  | Pawl return spring                          | 1                  |
| 36                    | M Group | 15-4141  | Pawl (top)                                  | 1                  |



# GEARBOX

"M" Group



Gearbox

Clutch and  
Front  
Chaincase

Frame and  
Fittings

Front Fork  
and  
Fittings

Front Hub  
and Wheel  
Fittings

Rear Hub  
and Wheel  
Fittings

Mudguards  
Oil Tank  
Toolbox and  
Chainguards

Petrol Tank  
Handlebar  
Dual Seat  
Battery Carrier  
and Silencer

Rear Mudguard  
Toolbox  
Chainguards  
Rear Brake  
Control  
and Silencer

Special  
Components  
as supplied to  
Automobile  
Association

Legshields

Tools and  
Sundries

Electrical  
Equipment

Front and Rear  
Safety Bars  
Safety Bars  
and Legshields

Sidecar  
Chassis

Carrier and  
Pannier

## GEARBOX

"M" Group

| Plate Ref.<br>Number | Models   | Part No. | Description                                                              | Number<br>per set |
|----------------------|----------|----------|--------------------------------------------------------------------------|-------------------|
| 37                   | M Group  | 15-4143  | Pawl pivot nut                                                           | 2                 |
| 38                   | M Group  | 2-2395   | Pawl pivot locknut                                                       | 2                 |
| 39                   | M Group  | 15-4142  | Pawl (bottom)                                                            | 1                 |
| 40                   | M Group  | 15-4253  | Gear control link complete                                               | 1                 |
| 40                   | M Group  | 15-4255  | Gear control link adjuster                                               | 1                 |
| 41                   | M Group  | 24-563   | Gear control link adjuster locknut                                       | 1                 |
| 42                   | M Group  | 15-4254  | Gear control link yoke                                                   | 1                 |
| 43                   | M Group  | 15-4206  | Ratchet lever complete                                                   | 1                 |
| 44                   | M Group  | 15-4221  | Gear control link pin                                                    | 2                 |
| 45                   | M Group  | 35-705   | Gear control link pin split pin                                          | 2                 |
| 46                   | M Group  | 15-4227  | Ratchet lever sleeve bush                                                | 1                 |
| 47                   | M Group  | 65-3383  | Clutch control lever complete                                            | 1                 |
| 48                   | M Group  | 65-3360  | Clutch push rod lever                                                    | 1                 |
| 49                   | M Group  | 65-3403  | Clutch push rod lever adjusting screw complete                           | 1                 |
| 50                   | M Group  | 2-452    | Clutch push rod lever adjusting screw nut                                | 1                 |
| 51                   | M Group  | 2-525    | Clutch control lever nut washer                                          | 1                 |
| 52                   | M Group  | 15-1485  | Clutch control lever nut                                                 | 1                 |
| 53                   | M Group  | 35-702   | Clutch control lever split pin                                           | 1                 |
| 54                   | M Group  | 65-3361  | Operating pedal clamp bolt                                               | 1                 |
| 55                   | M Group  | 2-525    | Operating pedal clamp bolt washer                                        | 1                 |
| 56                   | M Group  | 66-3065  | Gearbox outer and inner cover screw                                      | 3                 |
| 57                   | M Group  | 29-3250  | Operating pedal spindle rubber                                           | 1                 |
| 58                   | M Group  | 65-3417  | Gear change operating lever complete                                     | 1                 |
| 59                   | M Group  | 65-3212  | Kickstarter crank rubber                                                 | 1                 |
| 60                   | M Group  | 67-41    | Outer cover inspection cap washer                                        | 1                 |
| 61                   | M Group  | 65-3364  | Outer cover inspection cap                                               | 1                 |
| 62                   | M Group  | 15-4179  | Kickstarter crank complete                                               | 1                 |
| 63                   | M Group  | 29-3242  | Gearbox outer cover stud nut                                             | 4                 |
| 64                   | M Group  | 65-3062  | Gearbox cover and case screw                                             | 4                 |
| 65                   | M Group  | 2-2578   | Kickstarter crank cotter pin nut                                         | 1                 |
| 66                   | M Group  | 15-5155  | Kickstarter crank cotter pin washer                                      | 1                 |
| 67                   | M Group  | 2-2579   | Kickstarter crank cotter pin                                             | 1                 |
| 68                   | M Group  | 66-3131  | Outer cover joint washer                                                 | 1                 |
| 69                   | M Group  | 66-3125  | Gearbox outer cover with fixed fittings                                  | 1                 |
| 70                   | M Group  | 2-443    | Kickstarter crank pin anchor pin nut                                     | 1                 |
| 71                   | M Group  | 24-4258  | Kickstarter quadrant bush                                                | 1                 |
| 72                   | M Group  | 66-3058  | Kickstarter crank spring                                                 | 1                 |
| 73                   | M Group  | 2-3718   | Kickstarter crank spring anchor pin                                      | 1                 |
| 74                   | M Group  | 15-4121  | Kickstarter quadrant                                                     | 1                 |
| 75                   | M Group  | 66-3259  | Kickstarter return stop rubber                                           | 1                 |
| 76                   | M Group  | 67-3028  | Gearbox inner cover ball journal spring ring                             | 1                 |
| 77                   | M Group  | 24-4217  | Gearbox inner cover ball journal                                         | 1                 |
| 78                   | M Group  | 24-4236  | Gearbox retaining washer (small)                                         | 1                 |
| 79                   | M Group  | 24-4237  | Gearbox distance washer                                                  | 1                 |
| 80                   | M Group  | 65-3073  | Gearbox outer cover stud                                                 | 1                 |
| 81                   | M Group  | 66-3074  | Gearbox dowel                                                            | 2                 |
| 82                   | M Group  | 65-3399  | Speedometer gear bush sealing nut (fitted when speedo not required)      | 1                 |
| 83                   | M Group  | 65-3391  | Speedometer driven gear bush nut                                         | 1                 |
| 84                   | M Group  | 65-3392  | Speedometer driven gear bush sealing nut washer (when speedo not fitted) | 1                 |
| 85                   | M Group  | 65-3390  | Speedometer driven gear bush                                             | 1                 |
| 86                   | M Group  | 65-3377  | Speedometer driven gear bush (small)                                     | 1                 |
| 87                   | M21, M33 | 65-3367  | Speedometer driven gear                                                  | 1                 |
| 87                   | M20      | 65-3402  | Speedometer driven gear                                                  | 1                 |
| 88                   | M Group  | 66-3133  | Gearbox layshaft bush (long)                                             | 1                 |
| 89                   | M21, M33 | 66-3132  | Gearbox layshaft                                                         | 1                 |
| 89                   | M20      | 65-3498  | Gearbox layshaft                                                         | 1                 |
| 90                   | M Group  | 66-3214  | Mainshaft gear bush                                                      | 1                 |
| 91                   | M Group  | 66-3209  | Gearbox layshaft gear complete (29T)                                     | 1                 |
| 91                   | M Group  | 66-3211  | Gearbox layshaft gear bush                                               | 1                 |
| 92                   | M Group  | 24-4393  | Gearbox dog clutch                                                       | 1                 |
| 93                   | M Group  | 66-3215  | Gearbox layshaft gear complete (25T)                                     | 1                 |
| 94                   | M Group  | 66-3214  | Gearbox layshaft gear bush                                               | 1                 |
| 95                   | M Group  | 24-4221  | Gearbox layshaft gear (17T and 20T)                                      | 1                 |
| 96                   | M Group  | 24-4223  | Gearbox layshaft bush (short)                                            | 1                 |
| 97                   | M Group  | 15-4165  | Pinion sleeve complete                                                   | 1                 |
| 98                   | M Group  | 66-3155  | Pinion sleeve bush                                                       | 1                 |
| 98                   | M Group  | 66-3156  | Pinion sleeve bush (drilled)                                             | 1                 |
| 99                   | M Group  | 28-43    | Gearbox drain plug                                                       | 1                 |
| 100                  | M Group  | 29-3304  | Gearbox outer cover stud (long)                                          | 2                 |
| 101                  | M Group  | 24-4225  | Gearbox oil retaining washer                                             | 1                 |

Plate 5—continued

GEARBOX

"M" Group

| Plate Ref.<br>Number. | Models.  | Part No. | Description.                                  | Number<br>per set. |
|-----------------------|----------|----------|-----------------------------------------------|--------------------|
| 102 ...               | M Group  | 24-4393  | Gearbox dog clutch ...                        | 1                  |
| 103 ...               | M Group  | 66-3212  | Mainshaft gear complete (25T) ...             | 1                  |
| 104 ...               | M Group  | 66-3214  | Mainshaft gear bush ...                       | 1                  |
| 105 ...               | M Group  | 24-4231  | Mainshaft gear (20T and 16T) ...              | 1                  |
| 106 ...               | M Group  | 15-4260  | Gearbox mainshaft ...                         | 1                  |
| 107 ...               | M Group  | 24-4235  | Gearbox oil flinger washer ...                | 1                  |
| 108 ...               | M Group  | 66-3128  | Inner cover complete with fixed fittings...   | 1                  |
| 109 ...               | M Group  | 66-3069  | Inner joint washer ...                        | 1                  |
| 110 ...               | M Group  | 66-3071  | Mainshaft packing washer (.005") ...          | as reqd.           |
| 110 ...               | M Group  | 66-3072  | Mainshaft packing washer (.010") ...          | as reqd.           |
| 111 ...               | M Group  | 65-3375  | Speedometer driven gear thrust washer ...     | 1                  |
| 112 ...               | M Group  | 65-3400  | Speedometer bush retaining pin ...            | 1                  |
| 113 ...               | M Group  | 65-2157  | Inner cover and case screw...                 | 3                  |
| 114 ...               | M Group  | 15-4239  | Gear operating lever ...                      | 1                  |
| 115 ...               | M Group  | 2-1813   | Gear operating lever nut ...                  | 1                  |
| 116 ...               | M Group  | 15-4232  | Gear operating lever locking washer ...       | 1                  |
| 117 ...               | M Group  | 15-4233  | Gear control quadrant spacing collar ...      | 1                  |
| 118 ...               | M Group  | 66-1910  | Gearbox outer cover stud ...                  | 1                  |
| 119 ...               | M Group  | 66-3079  | Kickstarter ratchet ...                       | 1                  |
| 120 ...               | M Group  | 66-3080  | Kickstarter ratchet pinion ...                | 1                  |
| 121 ...               | M Group  | 66-3081  | Kickstarter ratchet pinion sleeve ...         | 1                  |
| 122 ...               | M Group  | 24-4256  | Kickstarter ratchet spring ...                | 1                  |
| 123 ...               | M Group  | 24-4282  | Kickstarter ratchet pinion sleeve nut ...     | 1                  |
| 124 ...               | M Group  | 24-4278  | Kickstarter ratchet pinion locking washer ... | 1                  |
| 125 ...               | M Group  | 24-4255  | Kickstarter ratchet pinion sleeve locknut ... | 1                  |
| 126 ...               | M Group  | 66-3067  | Clutch push rod ...                           | 1                  |
| 126 ...               | AA Model | 29-3324  | Clutch push rod ...                           | 1                  |
| 126 ...               | AA Model | 65-3943  | Clutch push rod ...                           | 1                  |
| 127 ...               | M Group  | 28-2080  | Grease nipple ...                             | 1                  |
| 128 ...               | M Group  | 21-2888  | Inner cover and case screw...                 | 2                  |
| 129 ...               | M Group  | 15-4246  | Inner cover and case locking strip ...        | 1                  |
| 130 ...               | M Group  | 15-4240  | Operating shaft clip ring ...                 | 1                  |
| 131 ...               | M Group  | 24-4247  | Gear control quadrant ...                     | 1                  |
| 132 ...               | M Group  | 24-4248  | Gear control quadrant bush ...                | 1                  |
| 133 ...               | M Group  | 15-4035  | Gear control plunger ...                      | 1                  |
| 134 ...               | M Group  | 24-68    | Gear control plunger spring ...               | 1                  |
| 135 ...               | M Group  | 24-4251  | Gear control plunger cup ...                  | 1                  |
| 136 ...               | M Group  | 2-433    | Gearbox key (mainshaft) ...                   | 1                  |

Clutch and  
Front  
Chaincase

Frame and  
Fittings

Front Fork  
and  
Fittings

Front Hub  
and Wheel  
Fittings

Rear Hub  
and Wheel  
Fittings

Mudguards  
Oil Tank  
Toolbox and  
Chainguards

Petrol Tank  
Handlebar  
Dual Seat  
Battery Carrier  
and Silencer

Rear Mudguard  
Toolbox  
Chainguards  
Rear Brake  
Control  
and Silencer

Special  
Components  
as supplied to  
Automobile  
Association

Legshields

Tools and  
Sundries

Electrical  
Equipment

Front and Rear  
Safety Bars,  
Safety Bars  
and Legshields

Sidcar  
Chassis

Carrier and  
Pannier

Plate 6

CLUTCH and FRONT CHAINCASE

"M" Group

| Plate Ref.<br>Number. | Model.                              | Part No. | Description.                                                  | Number<br>per set. |
|-----------------------|-------------------------------------|----------|---------------------------------------------------------------|--------------------|
| 1 ...                 | M20, M21, M33<br>(rigid and spring) | 65-7594  | Chaincase (front) with fixed fittings ...                     | 1                  |
| 1 ...                 | M20 AA Model                        | 65-7594  | Chaincase (front) with fixed fittings ...                     | 1                  |
| 1 ...                 | M21, AA Model                       | 65-7594  | Chaincase (front) with fixed fittings ...                     | 1                  |
| 2 ...                 | M20, M21, M33<br>(rigid and spring) | 29-3319  | Front and rear chaincase fixing screw washer (shakeproof) ... | 16                 |
| 2 ...                 | M21, AA Model                       | 29-3319  | Front and rear chaincase fixing screw washer (shakeproof) ... | 16                 |
| 3 ...                 | M20, M21, M33<br>(rigid and spring) | 1-4606   | Front and rear chaincase fixing screw ...                     | 16                 |
| 3 ...                 | M21, AA Model                       | 1-4606   | Front and rear chaincase fixing screw ...                     | 16                 |
| 4 ...                 | M20, M21, M33<br>(rigid and spring) | 2-930    | Chaincase oil level plug washer (fibre) ...                   | 1                  |
| 4 ...                 | M21, AA Model                       | 2-930    | Chaincase oil level plug washer (fibre) ...                   | 1                  |
| 5 ...                 | M20, M21, M33<br>(rigid and spring) | 66-7517  | Chaincase oil level plug ...                                  | 1                  |
| 5 ...                 | M21, AA Model                       | 66-7517  | Chaincase oil level plug ...                                  | 1                  |
| 6 ...                 | M20, M21, M33<br>(rigid and spring) | 67-42    | Chaincase inspection cap washer ...                           | 1                  |
| 6 ...                 | M21, AA Model                       | 67-42    | Chaincase inspection cap washer ...                           | 1                  |



## Plate 6—continued

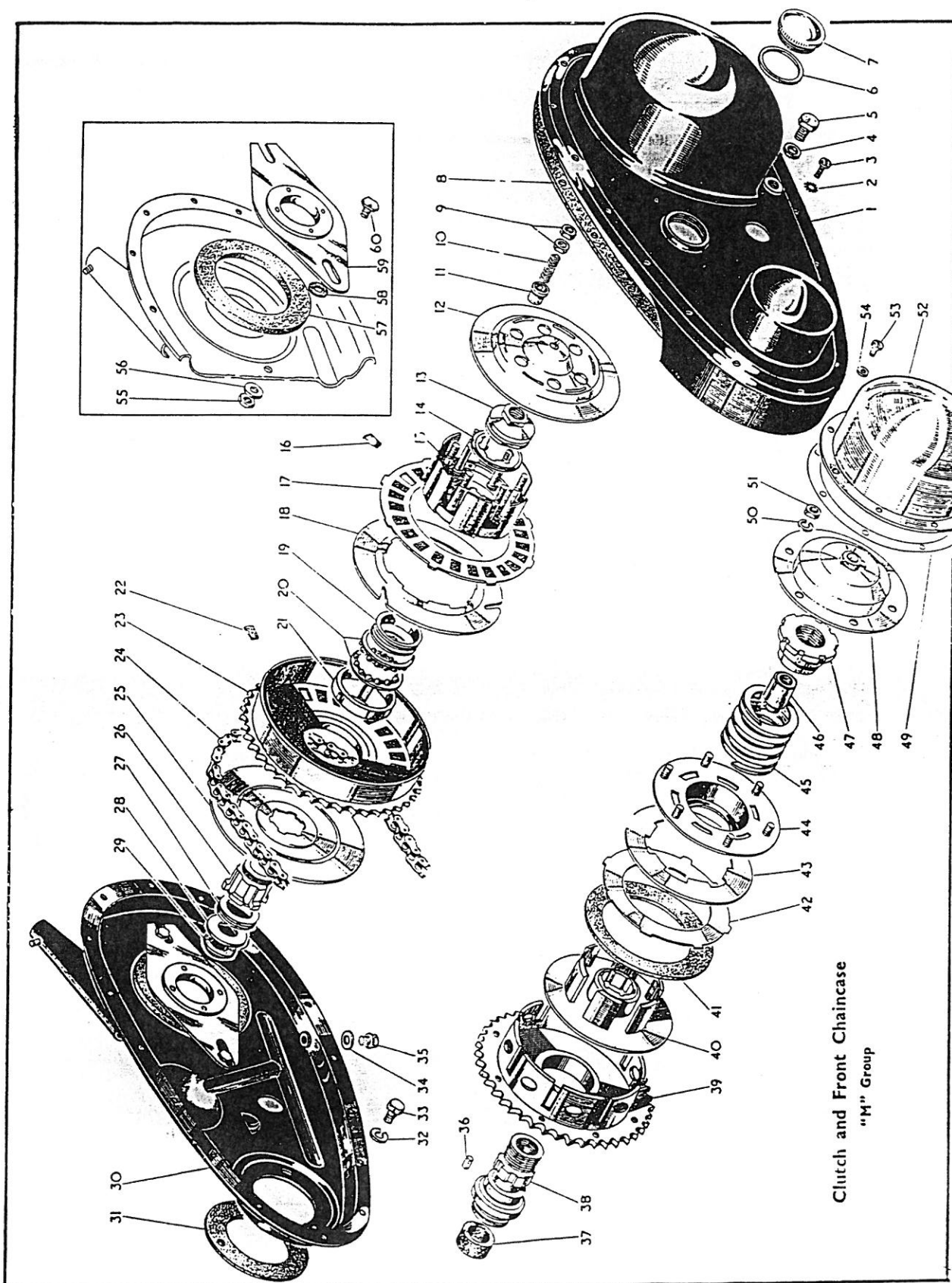
## CLUTCH and FRONT CHAINCASE

"M" Group

| Plate Ref.<br>Number. | Models.                          | Part No. | Description.                                           | Number<br>per set. |
|-----------------------|----------------------------------|----------|--------------------------------------------------------|--------------------|
| 7                     | M20, M21, M33                    | 65-3364  | Chaincase inspection cap                               | 1                  |
|                       | (rigid and spring)               |          |                                                        |                    |
| 7                     | M21, AA Model                    | 65-3364  | Chaincase inspection cap                               | 1                  |
| 8                     | M20, M21, M33                    | 66-7514  | Chaincase joint washer (cork)                          | 1                  |
|                       | (rigid and spring)               |          |                                                        |                    |
| 8                     | M21, AA Model                    | 66-7514  | Chaincase joint washer (cork)                          | 1                  |
|                       | M20, M21, M33                    | 29-8060  | Chaincase stiffening washer                            | 1                  |
|                       | (rigid and spring)               |          |                                                        |                    |
|                       | M21, AA Model                    | 29-8060  | Chaincase stiffening washer                            | 1                  |
| 9                     | M20, M21, M33                    | 2-2395   | Clutch spring retaining stud nut                       | 12                 |
|                       | (rigid and spring)               |          |                                                        |                    |
| 10                    | M20, M21, M33                    | 66-3800  | Clutch spring                                          | 6                  |
|                       | (rigid and spring)               |          |                                                        |                    |
| 11                    | M20, M21, M33                    | 66-3781  | Clutch spring cup                                      | 6                  |
|                       | (rigid and spring)               |          |                                                        |                    |
| 12                    | M20, M21, M33                    | 65-3828  | Clutch actuating cap complete                          | 1                  |
|                       | (rigid and spring)               |          |                                                        |                    |
| 13                    | M20, M21, M33                    | 66-3787  | Mainshaft nut                                          | 1                  |
|                       | (rigid and spring)               |          |                                                        |                    |
| 14                    | M20, M21, M33                    | 65-3822  | Mainshaft nut locking washer                           | 1                  |
|                       | (rigid and spring)               |          |                                                        |                    |
| 15                    | M20, M21, M33                    | 66-3903  | Clutch driving plate centre complete with studs        | 1                  |
|                       | (rigid and spring)               |          |                                                        |                    |
| 16                    | M20, M21, M33                    | 65-3858  | Clutch plate ferodo insert                             | 96                 |
|                       | (rigid and spring)               |          |                                                        |                    |
| 17                    | M20, M21, M33                    | 65-3857  | Clutch driving plate complete with inserts             | 4                  |
|                       | (rigid and spring)               |          |                                                        |                    |
| 18                    | M20, M21, M33                    | 65-3824  | Clutch driven plate                                    | 3                  |
|                       | (rigid and spring)               |          |                                                        |                    |
| 19                    | M20, M21, M33                    | 65-3911  | Clutch ball race ring (inner)                          | 1                  |
|                       | (rigid and spring)               |          |                                                        |                    |
| 20                    | M20, M21, M33                    | 65-3910  | Clutch ball race retaining ring                        | 2                  |
|                       | (rigid and spring)               |          |                                                        |                    |
| 21                    | M20, M21, M33                    | 65-3912  | Clutch ball race ring                                  | 1                  |
|                       | (rigid and spring)               |          |                                                        |                    |
| 22                    | M20, M21, M33                    | 66-3891  | Clutch chainwheel ferodo insert                        | 24                 |
|                       | (rigid and spring)               |          |                                                        |                    |
| 23                    | M20, M21, M33                    | 66-3908  | Clutch chainwheel complete...                          | 1                  |
|                       | (rigid and spring)               |          |                                                        |                    |
| 24                    | M20 (rigid and spring) (solo)    | 24-8931  | Transmission chain (front)                             | 1                  |
|                       | M33 (rigid and spring) (solo)    | 24-8932  | Transmission chain (front)                             | 1                  |
| 24                    | M20, M21 (rigid and spring)      | 24-8930  | Transmission chain (front)                             | 1                  |
|                       | M21 (rigid)                      | 24-8930  | Transmission chain (front)                             | 1                  |
| 24                    | M33 (rigid and spring) (sidecar) | 24-8931  | Transmission chain (front)                             | 1                  |
| 25                    | M20, M21, M33                    | 65-3872  | Clutch sleeve plate                                    | 1                  |
|                       | (rigid and spring)               |          |                                                        |                    |
| 26                    | M20, M21, M33                    | 65-3873  | Clutch sleeve                                          | 1                  |
|                       | (rigid and spring)               |          |                                                        |                    |
| 27                    | M20, M21, M33                    | 65-3833  | Clutch sleeve collar                                   | 1                  |
|                       | (rigid and spring)               |          |                                                        |                    |
| 28                    | M20, M21, M33                    | 66-3090  | Gearbox and chaincase oil retaining washer             | 1                  |
|                       | (rigid and spring)               |          |                                                        |                    |
| 29                    | M20, M21, M33                    | 24-4232  | Gearbox felt washer                                    | 1                  |
|                       | (rigid and spring)               |          |                                                        |                    |
| 29                    | M21, AA Model                    | 24-4232  | Gearbox felt washer                                    | 1                  |
| 30                    | M20, M21, M33 (rigid)            | 66-7601  | Chaincase (rear) with fixed fittings and sliding plate | 1                  |
| 30                    | M21, AA Model                    | 66-7601  | Chaincase (rear) with fixed fittings and sliding plate | 1                  |
| 30                    | M20, M21, M33 (spring)           | 65-7587  | Chaincase (rear) with fixed fittings and sliding plate | 1                  |
| 31                    | M20, M21, M33                    | 66-7575  | Chaincase and crankcase joint washer (Hallite)         | 1                  |
|                       | (rigid and spring)               |          |                                                        |                    |
| 31                    | M21, AA Model                    | 66-7575  | Chaincase and crankcase joint washer (Hallite)         | 1                  |
| 32                    | M20, M21, M33                    | 24-8784  | Chaincase securing bolt washer (spring)                | 3                  |
|                       | (rigid and spring)               |          |                                                        |                    |
| 32                    | M21, AA Model                    | 24-8784  | Chaincase securing bolt washer (spring)                | 3                  |
| 33                    | M20, M21, M33                    | 65-7550  | Chaincase securing bolt                                | 3                  |
|                       | (rigid and spring)               |          |                                                        |                    |

# CLUTCH and FRONT CHAINCASE

"M" Group



Frame and Fittings

Front Fork and Fittings

Front Hub and Wheel Fittings

Rear Hub and Wheel Fittings

Mudguards Oil Tank Toolbox and Chainguards

Petrol Tank Handlebar Dual Seat Battery Carrier and Silencer

Rear Mudguard Toolbox Chainguards Rear Brake Control and Silencer

Special Components as supplied to Automobile Association

Legshields

Tools and Sundries

Electrical Equipment

Front and Rear Safety Bars Safety Bars and Legshield

Sidcar Chassis

Carrier Pannier



## Plate 6—continued

CLUTCH and FRONT CHAINCASE  
"M" Group

| Plate Ref.<br>Number. | Models.            | Part No. | Description.                                | Number<br>per set. |
|-----------------------|--------------------|----------|---------------------------------------------|--------------------|
| 33                    | M21, AA Model      | 65-7550  | Chaincase securing bolt                     | 3                  |
| 34                    | M20, M21, M33      | 66-7518  | Chaincase oil drain plug washer             | 1                  |
| 34                    | (rigid and spring) |          |                                             | 1                  |
| 34                    | M21, AA Model      | 66-7518  | Chaincase oil drain plug washer             | 1                  |
| 35                    | M20, M21, M33      | 15-645   | Chaincase oil drain plug                    | 1                  |
| 35                    | (rigid and spring) |          |                                             | 22                 |
| 35                    | M21, AA Model      | 15-645   | Chaincase oil drain plug                    | 1                  |
| 36                    | M21, AA Model      | 26-650   | Clutch chainwheel roller                    | 1                  |
| 37                    | M21, AA Model      | 66-3813  | Clutch sleeve cork ring                     | 1                  |
| 38                    | M21, AA Model      | 66-3811  | Clutch sleeve                               | 1                  |
| 39                    | M21, AA Model      | 66-3809  | Clutch chainwheel complete                  | 1                  |
| 40                    | M21, AA Model      | 15-4306  | Clutch centre                               | 8                  |
| 41                    | M21, AA Model      | 15-2419  | Clutch ferodo ring                          | 4                  |
| 42                    | M21, AA Model      | 66-3812  | Clutch driving plate                        | 3                  |
| 43                    | M21, AA Model      | 15-4307  | Clutch driven plate                         | 1                  |
| 43                    | M20, M21, M33      | 29-3832  | Clutch driven plate (plain)                 | 1                  |
| 44                    | (rigid and spring) |          |                                             | 1                  |
| 44                    | M21, AA Model      | 15-4308  | Clutch sliding plate complete               | 1                  |
| 45                    | M21, AA Model      | 15-4311  | Clutch spring                               | 1                  |
| 46                    | M21, AA Model      | 15-374   | Mainshaft nut                               | 1                  |
| 47                    | M21, AA Model      | 15-4312  | Clutch spring nut                           | 1                  |
| 48                    | M21, AA Model      | 15-4313  | Clutch operating cap complete               | 1                  |
| 49                    | M21, AA Model      | 15-4316  | Clutch cover washer (paper)                 | 6                  |
| 50                    | M21, AA Model      | 2-1462   | Clutch sliding plate washer (spring)        | 6                  |
| 51                    | M21, AA Model      | 2-51     | Clutch sliding plate nut                    | 1                  |
| 52                    | M21, AA Model      | 15-4315  | Clutch cover                                | 8                  |
| 53                    | M21, AA Model      | 2-360    | Clutch cover fixing screw                   | 8                  |
| 54                    | M21, AA Model      | 24-7068  | Clutch cover fixing screw washer            | 2                  |
| 55                    | M20, M21, M33      | 2-443    | Chaincase sliding plate bolt nut            | 2                  |
| 55                    | (rigid and spring) |          |                                             | 2                  |
| 55                    | M21, AA Model      | 2-443    | Chaincase sliding plate bolt nut            | 2                  |
| 56                    | M20, M21, M33      | 2-1374   | Chaincase sliding plate bolt washer (plain) | 2                  |
| 56                    | (rigid and spring) |          |                                             | 1                  |
| 56                    | M21, AA Model      | 2-1374   | Chaincase sliding plate bolt washer (plain) | 1                  |
| 57                    | M20, M21, M33      | 15-8814  | Chaincase back felt washer                  | 1                  |
| 57                    | (rigid and spring) |          |                                             | 2                  |
| 57                    | M21, AA Model      | 15-8814  | Chaincase back felt washer                  | 2                  |
| 58                    | M20, M21, M33      | 66-7518  | Chaincase sliding plate bolt washer (fibre) | 2                  |
| 58                    | (rigid and spring) |          |                                             | 1                  |
| 58                    | M21, AA Model      | 66-7518  | Chaincase sliding plate bolt washer (fibre) | 1                  |
| 59                    | M20, M21, M33      | 66-7520  | Chaincase sliding plate complete            | 1                  |
| 59                    | (rigid and spring) |          |                                             | 2                  |
| 59                    | M21, AA Model      | 66-7520  | Chaincase sliding plate complete            | 2                  |
| 60                    | M20, M21, M33      | 66-7523  | Chaincase sliding plate bolt...             | 2                  |
| 60                    | (rigid and spring) |          |                                             |                    |
| 60                    | M21, AA Model      | 66-7523  | Chaincase sliding plate bolt...             |                    |

## Plate 7

FRAME and FITTINGS  
"M" Group (Rigid and Spring Frame)

| Plate Ref.<br>Number. | Model.             | Part No. | Description.                                                             | Number<br>per set. |
|-----------------------|--------------------|----------|--------------------------------------------------------------------------|--------------------|
| 1                     | M20, M21, M33      | 29-7551  | Footrest rubber                                                          | 2                  |
| 1                     | (rigid and spring) |          |                                                                          | 1                  |
| 2                     | M20, M21, M33      | 65-4891  | Footrest bracket (offside)                                               | 2                  |
| 2                     | (rigid and spring) |          |                                                                          | 2                  |
| 3                     | M20, M21, M33      | 15-5753  | Footrest rod nut                                                         | 2                  |
| 3                     | (rigid and spring) |          |                                                                          | 2                  |
| 4                     | M20, M21, M33      | 65-695   | Footrest and washer (shakeproof)                                         | 2                  |
| 4                     | (rigid and spring) |          |                                                                          | 2                  |
| 5                     | M20, M21, M33      | 24-5914  | Footrest rod washer (plain)                                              | 1                  |
| 6                     | (rigid and spring) |          |                                                                          | 2                  |
| 6                     | M20, M21, M33      | 66-2725  | Front engine plate and chainstay bolt nut (when crankcase shield fitted) | 1                  |
| 6                     | (rigid and spring) |          |                                                                          | 2                  |
| 6                     | M20, M21, M33      | 2-1925   | Front engine plate and chainstay bolt nut                                |                    |
| 6                     | (rigid and spring) |          |                                                                          |                    |



## Plate 7—continued

# FRAME and FITTINGS "M" Group (Rigid and Spring Frame)

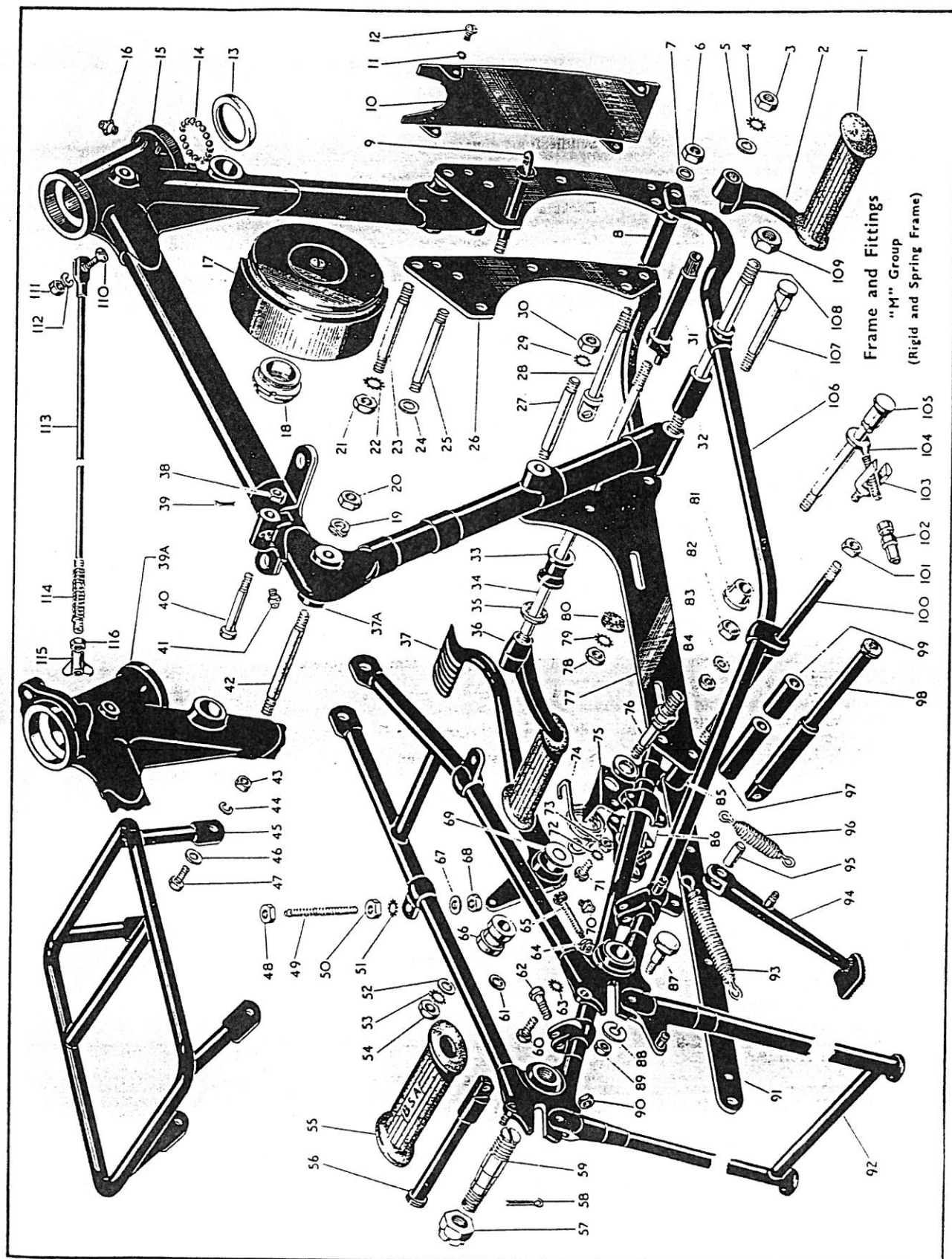
| Plate Ref.<br>Number. | Models.                                     | Part No     | Description.                                                                    | Number<br>per set. |                                                                                 |
|-----------------------|---------------------------------------------|-------------|---------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------|
| 7                     | ... M20, M21, M33<br>... (rigid and spring) | ... 31-4070 | ... Front engine plate and chainstay bolt washer ...                            | 1                  |                                                                                 |
| 8                     | ... M20, M21, M33<br>... (rigid and spring) | ... 66-4183 | ... Front engine plate and chainstay distance piece ...                         | 1                  |                                                                                 |
| 9                     | ... M20, M21, M33<br>... (rigid and spring) | ... 66-4098 | ... Engine yoke plate bolt (top) ...                                            | 1                  |                                                                                 |
| 10                    | ... M20, M21, M33<br>... (rigid and spring) | ... 66-4181 | ... Engine plate cover (front) ...                                              | 1                  |                                                                                 |
| 11                    | ... M20, M21, M33<br>... (rigid and spring) | ... 29-3319 | ... Engine plate front cover fixing screw washer (shakeproof) ...               | 4                  |                                                                                 |
| 12                    | ... M20, M21, M33<br>... (rigid and spring) | ... 24-7065 | ... Engine plate front cover fixing screw ...                                   | 4                  | Frame and<br>Fittings                                                           |
| 13                    | ... M20, M21, M33<br>... (rigid and spring) | ... 66-4149 | ... Ball head cup ...                                                           | 2                  |                                                                                 |
| 14                    | ... M20, M21, M33<br>... (rigid and spring) | ... 1-4675  | ... Ball head cup ball (steel) ...                                              | 40                 | Front Fork<br>and<br>Fittings                                                   |
| 15                    | ... M20, M21, M33<br>... (rigid and spring) | ... 66-4176 | ... Frame front complete (1954) ...                                             | 1                  |                                                                                 |
| 16                    | ... M20, M21, M33<br>... (rigid and spring) | ... 28-2080 | ... Ball head grease nipple ...                                                 | 1                  |                                                                                 |
| 17                    | ... M20, M21<br>... (rigid and spring)      | ... 65-9195 | ... Air cleaner (up to 1954) ...                                                | 1                  | Front Hub<br>and Wheel<br>Fittings                                              |
| 18                    | ... M20, M21<br>... (rigid and spring)      | ... 65-1210 | ... Air cleaner adaptor (up to 1954) ...                                        | 1                  |                                                                                 |
| 19                    | ... M20, M21, M33<br>... (rigid and spring) | ... 2-995   | ... Backstay and seat lug stud washer (double spring) ...                       | 2                  |                                                                                 |
| 20                    | ... M20, M21, M33<br>... (rigid and spring) | ... 2-46    | ... Backstay and seat lug stud nut ...                                          | 2                  | Rear Hub<br>and Wheel<br>Fittings                                               |
| 21                    | ... M20, M21, M33<br>... (rigid and spring) | ... 2-1925  | ... Front down tube and engine plate stud nut ...                               | 1                  |                                                                                 |
| 22                    | ... M20, M21, M33<br>... (rigid and spring) | ... 66-4708 | ... Front down tube and engine plate stud washer (shakeproof) ...               | 1                  |                                                                                 |
| 23                    | ... M20, M21, M33<br>... (rigid and spring) | ... 27-5694 | ... Front down tube and engine plate stud ...                                   | 1                  | Mudguards<br>Oil Tank<br>Toolbox and<br>Chainguards                             |
| 24                    | ... M20, M21, M33<br>... (rigid and spring) | ... 2-2138  | ... Engine yoke plate and frame stud washer ...                                 | 2                  |                                                                                 |
| 25                    | ... M20, M21, M33<br>... (rigid and spring) | ... 27-5684 | ... Engine yoke plate and frame stud ...                                        | 5                  |                                                                                 |
| 26                    | ... M20, M21, M33<br>... (rigid and spring) | ... 66-4180 | ... Engine plate (front) ...                                                    | 2                  | Petrol Tank<br>Handlebar<br>Dual Seat<br>Battery Carrier<br>and Silencer        |
| 27                    | ... M20, M21, M33<br>... (rigid and spring) | ... 27-5683 | ... Engine yoke plate and frame stud (front) ...                                | 1                  |                                                                                 |
| 28                    | ... M20, M21, M33<br>... (rigid and spring) | ... 66-4173 | ... Front engine plate and chainstay bolt (when crankcase shield<br>fitted) ... | 1                  | Car Mudguard<br>Toolbox<br>Chainguards<br>Rear Brake<br>Control<br>and Silencer |
| —                     | ... M20, M21, M33<br>... (rigid and spring) | ... 3-1190  | ... Front engine plate and chainstay bolt ...                                   | 1                  |                                                                                 |
| 29                    | ... M20, M21, M33<br>... (rigid and spring) | ... 66-4707 | ... Engine yoke plate and frame stud washer (shakeproof) ...                    | 13                 |                                                                                 |
| 30                    | ... M20, M21, M33<br>... (rigid and spring) | ... 2-46    | ... Engine yoke plate and frame stud nut ...                                    | 13                 | Special<br>Components<br>as supplied to<br>Automobile<br>Association            |
| 31                    | ... M20, M21, M33<br>... (rigid and spring) | ... 65-4811 | ... Footrest rod distance tube ...                                              | 2                  |                                                                                 |
| 32                    | ... M20, M21, M33<br>... (rigid)            | ... 66-4581 | ... Chainstay bridge distance piece (front) ...                                 | 1                  |                                                                                 |
| 33                    | ... M20, M21, M33<br>... (rigid and spring) | ... 66-4903 | ... Chaincase distance sleeve ...                                               | 2                  | Legshields                                                                      |
| 34                    | ... M20, M21, M33<br>... (rigid and spring) | ... 66-4900 | ... Footrest rod ...                                                            | 1                  |                                                                                 |
| 35                    | ... M20, M21, M33<br>... (rigid and spring) | ... 66-4902 | ... Footrest cork washer ...                                                    | 2                  |                                                                                 |
| 36                    | ... M20, M21, M33<br>... (rigid and spring) | ... 65-4890 | ... Footrest bracket (nearside) ...                                             | 1                  | Tools and<br>Sundries                                                           |
| 37                    | ... M21, AA Model<br>... (rigid)            | ... 66-7010 | ... Rear brake pedal complete ...                                               | 1                  |                                                                                 |
| 37                    | ... M20, M21, M33<br>... (rigid)            | ... 66-7005 | ... Rear brake pedal complete ...                                               | 1                  |                                                                                 |
| 37A                   | ... M20, M21, M33<br>... (rigid and spring) | ... 66-4207 | ... Locating tube (seat lug and stays) ...                                      | 1                  | Electrical<br>Equipment                                                         |
| 38                    | ... M20, M21, M33<br>... (rigid and spring) | ... 66-2810 | ... Saddle front connecting bolt nut ...                                        | 1                  |                                                                                 |
| 39                    | ... M20, M21, M33<br>... (rigid and spring) | ... 35-698  | ... Saddle front connecting bolt split pin ...                                  | 1                  | Front and Rear<br>Safety Bars<br>Safety Bars<br>and Legshields                  |
| 39A                   | ... M20, M21, M33<br>... (rigid and spring) | ... 66-4234 | ... Frame complete with chainstay, backstay, central stand and<br>engine plates | 1                  |                                                                                 |

# FRAME and FITTINGS "M" Group (Rigid and Spring Frame)

| Plate Ref.<br>Number. | Models.                             | Part No. | Description.                                         | Number<br>per set. |
|-----------------------|-------------------------------------|----------|------------------------------------------------------|--------------------|
| —                     | M20, M21, M33<br>(rigid)            | 66-4233  | Frame complete with chainstay, and backstay          | 1                  |
| 40                    | M20, M21, M33<br>(rigid and spring) | 33-4089  | Saddle front connecting bolt                         | 1                  |
| 41                    | M20, M21, M33<br>(rigid and spring) | 28-2080  | Saddle front connecting bolt grease nipple           | 1                  |
| 42                    | M20, M21, M33<br>(rigid and spring) | 66-4206  | Backstay and seat lug stud                           | 1                  |
| 43                    | M20, M21, M33<br>(rigid)            | 2-2395   | Carrier fixing screw nut                             | 4                  |
| 44                    | M20, M21, M33<br>(rigid)            | 2-1462   | Carrier fixing screw washer (spring)                 | 4                  |
| 45                    | M20, M21, M33<br>(rigid)            | 66-6979  | Carrier complete                                     | 1                  |
| 46                    | M20, M21, M33<br>(rigid)            | 2-1374   | Carrier fixing screw washer (plain)                  | 4                  |
| 47                    | M20, M21, M33<br>(rigid)            | 2-1354   | Carrier fixing screw                                 | 4                  |
| 48                    | M20, M21, M33<br>(rigid)            | 2-49     | Saddle rear spring stud nut                          | 2                  |
| 49                    | M20, M21, M33<br>(rigid)            | 66-4647  | Saddle rear spring stud                              | 2                  |
| 50                    | M20, M21, M33<br>(rigid)            | 2-49     | Saddle rear spring stud nut                          | 2                  |
| 51                    | M20, M21, M33<br>(rigid)            | 36-382   | Saddle rear spring stud washer (shakeproof)          | 2                  |
| 52                    | M20, M21, M33<br>(rigid)            | 30-660   | Rear brake pedal fulcrum pin washer (plain)          | 1                  |
| 53                    | M20, M21, M33<br>(rigid)            | 66-4708  | Rear brake pedal fulcrum pin washer (shakeproof)     | 1                  |
| 54                    | M20, M21, M33<br>(rigid)            | 15-541   | Rear brake pedal fulcrum pin nut                     | 1                  |
| 55                    | M20, M21, M33<br>(rigid)            | 15-8155  | Pillion footrest spindle rubber                      | 2                  |
| 56                    | M20, M21, M33<br>(rigid)            | 66-4936  | Pillion footrest spindle complete (nearside)         | 1                  |
| 57                    | M20, M21, M33<br>(rigid)            | 2-1946   | Sidecar chainstay lug stud nut                       | 1                  |
| 58                    | M20, M21, M33<br>(rigid)            | 35-722   | Sidecar chainstay lug stud split pin                 | 2                  |
| 59                    | M20, M21, M33<br>(rigid)            | 33-4160  | Sidecar chainstay lug stud                           | 1                  |
| 60                    | M20, M21, M33<br>(rigid and spring) | 65-4784  | Prop stand clip bolt                                 | 2                  |
| —                     | M20, M21, M33<br>(rigid and spring) | 2-49     | Prop stand bolt nut                                  | 2                  |
| 61                    | M20, M21, M33<br>(rigid)            | 2-861    | Rear brake pedal stop plate washer                   | 1                  |
| 62                    | M20, M21, M33<br>(rigid)            | 27-6312  | Pillion footrest spindle bolt                        | 2                  |
| 63                    | M20, M21, M33<br>(rigid and spring) | 36-382   | Prop stand clip bolt washer                          | 2                  |
| 64                    | M20, M21, M33<br>(rigid)            | 27-4401  | Rear chain adjuster screw locknut                    | 1                  |
| 65                    | M20, M21, M33<br>(rigid)            | 66-4620  | Rear chain adjuster screw                            | 1                  |
| 66                    | M20, M21, M33<br>(rigid)            | 66-7034  | Rear brake pedal bush                                | 1                  |
| 67                    | M20, M21, M33<br>(rigid and spring) | 2-923    | Saddle rear spring stud washer                       | 4                  |
| 68                    | M20, M21, M33<br>(rigid and spring) | 2-49     | Saddle rear spring stud nut                          | 2                  |
| 69                    | M20, M21, M33<br>(rigid)            | 15-4100  | Rear brake pedal fulcrum pin washer (thin)           | 1                  |
| 70                    | M20, M21, M33<br>(rigid)            | 28-2080  | Rear brake pedal grease nipple                       | 1                  |
| 71                    | M20, M21, M33<br>(rigid)            | 2-79     | Rear brake retaining spring bolt                     | 1                  |
| 72                    | M20, M21, M33<br>(rigid)            | 29-541   | Rear brake retaining spring bolt washer (shakeproof) | 1                  |
| 73                    | M20, M21, M33<br>(rigid)            | 2-1027   | Rear brake retaining spring bolt nut                 | 1                  |

# FRAME and FITTINGS

"M" Group (Rigid and Spring Frame)



Front Fork  
and  
Fittings

Front Hub  
and Wheel  
Fittings

Rear Hub  
and Wheel  
Fittings

Mudguards  
Oil Tank  
Toolbox and  
Chainguards

Petrol Tank  
Handlebar  
Dual Seat  
Battery Carrier  
and Silencer

Rear Mudguard  
Toolbox  
Chainguards  
Rear Brake  
Control  
and Silencer

Special  
Components  
as supplied to  
Automobile  
Association

Legshields

Tools and  
Sundries

Electrical  
Equipment

Front and Rear  
Safety Bars  
Safety Bars  
and Legshield

Sidcar  
Chassis

Carrier  
Pannier



# FRAME and FITTINGS "M" Group (Rigid and Spring Frame)

| Plate Ref.<br>Number. | Models.                                 | Part No.    | Description.                                          | Number<br>per set. |
|-----------------------|-----------------------------------------|-------------|-------------------------------------------------------|--------------------|
| 74                    | ... M20, M21, M33<br>(rigid)            | ... 66-7032 | ... Rear brake pedal return spring ...                | 1                  |
| 75                    | ... M20, M21, M33<br>(rigid)            | ... 66-7033 | ... Rear brake pedal stop plate ...                   | 1                  |
| 76                    | ... M20, M21, M33<br>(rigid)            | ... 66-7029 | ... Rear brake pedal fulcrum pin ...                  | 1                  |
| 77                    | ... M20, M21, M33<br>(rigid)            | ... 66-4157 | ... Engine plate (rear) ...                           | 2                  |
| 78                    | ... M20, M21, M33<br>(rigid and spring) | ... 2-46    | ... Gearbox connecting bolt nut ...                   | 1                  |
| 79                    | ... M20, M21, M33<br>(rigid and spring) | ... 66-4707 | ... Gearbox connecting bolt washer (shakeproof) ...   | 2                  |
| 80                    | ... M20, M21, M33<br>(rigid and spring) | ... 65-4189 | ... Gearbox connecting bolt washer (serrated) ...     | 2                  |
| 81                    | ... M20, M21, M33<br>(rigid and spring) | ... 66-4169 | ... Gearbox connecting bolt collar ...                | 1                  |
| 82                    | ... M20, M21, M33<br>(rigid)            | ... 15-1455 | ... Rear brake pedal fulcrum pin locknut ...          | 1                  |
| 83                    | ... M20, M21, M33<br>(rigid and spring) | ... 2-923   | ... Gearbox adjuster stop washer ...                  | 1                  |
| 84                    | ... M20, M21, M33<br>(rigid and spring) | ... 2-49    | ... Gearbox adjuster stop nut ...                     | 1                  |
| 85                    | ... M20, M21, M33<br>(rigid)            | ... 66-4602 | ... Chainstay bridge distance collar (left-hand) ...  | 1                  |
| 86                    | ... M20, M21, M33<br>(rigid)            | ... 65-4739 | ... Prop stand lug complete ...                       | 1                  |
| 87                    | ... M20, M21, M33<br>(rigid)            | ... 24-6055 | ... Rear stand bolt ...                               | 2                  |
| 88                    | ... M20, M21, M33<br>(rigid)            | ... 15-716  | ... Rear stand bolt washer (spring) ...               | 2                  |
| 89                    | ... M20, M21, M33<br>(rigid)            | ... 24-6040 | ... Rear stand bolt nut ...                           | 2                  |
| 90                    | ... M20, M21, M33<br>(rigid)            | ... 2-49    | ... Pillion footrest spindle bolt nut ...             | 2                  |
| 91                    | ... M20, M21 (rigid)                    | ... 15-5816 | ... Rear brake anchor strap ...                       | 1                  |
| 92                    | ... M20, M21, M33<br>(rigid)            | ... 66-4772 | ... Rear stand complete ...                           | 1                  |
| 93                    | ... M20, M21, M33<br>(rigid)            | ... 66-4767 | ... Rear stand spring ...                             | 1                  |
| 94                    | ... M20, M21, M33<br>(rigid and spring) | ... 65-4735 | ... Prop stand ...                                    | 1                  |
| —                     | ... M20, M21, M33<br>(spring)           | ... 65-4745 | ... Prop stand assembly ...                           | 1                  |
| —                     | ... M20, M21, M33<br>(rigid)            | ... 65-4734 | ... Prop stand assembly ...                           | 1                  |
| 95                    | ... M20, M21, M33<br>(rigid and spring) | ... 65-4741 | ... Prop stand pivot pin ...                          | 1                  |
| 96                    | ... M20, M21, M33<br>(rigid and spring) | ... 65-4742 | ... Prop stand spring ...                             | 1                  |
| 97                    | ... M20, M21, M33<br>(rigid)            | ... 15-6240 | ... Chainstay bridge distance collar (centre) ...     | 1                  |
| 98                    | ... M20, M21, M33<br>(rigid)            | ... 66-4936 | ... Pillion footrest spindle complete (offside) ...   | 1                  |
| 99                    | ... M20, M21, M33<br>(rigid)            | ... 66-4601 | ... Chainstay bridge distance collar (right-hand) ... | 1                  |
| 100                   | ... M20, M21, M33<br>(rigid)            | ... 15-6325 | ... Chainstay bridge connecting stud ...              | 1                  |
| 101                   | ... M20, M21, M33<br>(rigid and spring) | ... 2-46    | ... Chainstay bridge connecting stud nut ...          | 2                  |
| 102                   | ... M20, M21, M33<br>(rigid and spring) | ... 15-5664 | ... Gearbox adjuster nut ...                          | 1                  |
| 103                   | ... M20, M21, M33<br>(rigid and spring) | ... 66-4167 | ... Gearbox adjuster stop ...                         | 1                  |
| 104                   | ... M20, M21, M33<br>(rigid and spring) | ... 27-5710 | ... Gearbox adjuster bolt ...                         | 1                  |
| 105                   | ... M20, M21, M33<br>(rigid and spring) | ... 66-4168 | ... Gearbox connecting bolt (rear) ...                | 1                  |
| 106                   | ... M20, M21, M33<br>(rigid)            | ... 66-4618 | ... Chainstay and backstay complete ...               | 1                  |
| 107                   | ... M20, M21, M33<br>(rigid and spring) | ... 15-476  | ... Gearbox connecting bolt (front) ...               | 1                  |
| 108                   | ... M20, M21, M33<br>(rigid and spring) | ... 66-4604 | ... Chainstay and seat tube connecting stud ...       | 1                  |

Plate 7—continued

FRAME and FITTINGS  
"M" Group (Rigid and Spring Frame)

| Plate Ref.<br>Number. | Model.                                  | Part No.    | Description.                                                                      | Number<br>per set. |
|-----------------------|-----------------------------------------|-------------|-----------------------------------------------------------------------------------|--------------------|
| 109                   | ... M20, M21, M33<br>(rigid)            | ... 2-52    | ... Chainstay to seat tube connecting stud nut                                    | 2                  |
| 109                   | ... M20, M21, M33<br>(rigid and spring) | ... 66-2726 | ... Chainstay and seat tube connecting stud nut (when crankcase<br>shield fitted) | 2                  |
| 110                   | ... M20, M21, M33<br>(rigid)            | ... 2-510   | ... Rear brake rod toggle end pin                                                 | 1                  |
| 111                   | ... M20, M21, M33<br>(rigid)            | ... 2-443   | ... Rear brake rod toggle end nut                                                 | 1                  |
| 112                   | ... M20, M21, M33<br>(rigid)            | ... 2-1462  | ... Rear brake rod toggle end washer (spring)                                     | 1                  |
| 113                   | ... M20, M21, M33<br>(rigid)            | ... 65-7007 | ... Rear brake rod                                                                | 1                  |
| 114                   | ... M20, M21, M33<br>(rigid)            | ... 15-7980 | ... Rear brake rod spring                                                         | 1                  |
| 115                   | ... M20, M21, M33<br>(rigid)            | ... 15-7985 | ... Rear brake rod flynut                                                         | 1                  |
| 116                   | ... M20, M21, M33<br>(rigid)            | ... 2-2395  | ... Rear brake rod locknut                                                        | 1                  |

Front Fork  
and  
Fittings

Front Hub  
and Wheel  
Fittings

Plate 8

FRAME and FITTINGS  
"M" Group (Rear Suspension).

| Plate Ref.<br>Number. | Model.                                  | Part No.    | Description.                                  | Number<br>per set |
|-----------------------|-----------------------------------------|-------------|-----------------------------------------------|-------------------|
| 1                     | ... M20, M21, M33<br>(spring)           | ... 29-4880 | ... Central stand complete                    | 1                 |
| 2                     | ... M20, M21, M33<br>(spring)           | ... 65-4727 | ... Central stand spring                      | 1                 |
| 3                     | ... M20, M21, M33<br>(spring)           | ... 29-4840 | ... Central stand engine plate distance piece | 1                 |
| 4                     | ... M20, M21, M33<br>(spring)           | ... 27-5694 | ... Central stand stud                        | 1                 |
| 5                     | ... M20, M21, M33<br>(spring)           | ... 2-1967  | ... Central stand stud washer (spring)        | 2                 |
| 6                     | ... M20, M21, M33<br>(spring)           | ... 2-1925  | ... Central stand stud nut                    | 2                 |
| 7                     | ... M20, M21, M33<br>(spring)           | ... 35-5016 | ... Central stand grease nipple               | 1                 |
| 8                     | ... M20, M21, M33<br>(spring)           | ... 66-4190 | ... Chainstay and backstay complete           | 1                 |
| 9                     | ... M20, M21, M33<br>(spring)           | ... 66-4581 | ... Chainstay distance piece (front)          | 1                 |
| 10                    | ... M20, M21, M33<br>(spring)           | ... 66-4200 | ... Gearbox engine plate (offside)            | 1                 |
| 11                    | ... M20, M21, M33<br>(spring)           | ... 66-4201 | ... Gearbox engine plate (nearside)           | 1                 |
| 12                    | ... M20, M21, M33<br>(spring)           | ... 65-7060 | ... Rear brake pedal complete                 | 1                 |
| 12A                   | ... M20, M21, M33<br>(spring)           | ... 65-7080 | ... Rear brake pedal stop                     | 1                 |
| 13                    | ... M20, M21, M33<br>(spring)           | ... 30-196  | ... Rear brake pedal washer (plain)           | 1                 |
| —                     | ... M20, M21, M33<br>(rigid and spring) | ... 67-4032 | ... Rear brake pedal stud                     | 1                 |
| —                     | ... M20, M21, M33<br>(rigid and spring) | ... 2-46    | ... Rear brake pedal stud nut                 | 1                 |
| 14                    | ... M20, M21, M33<br>(spring)           | ... 2-522   | ... Rear brake pedal washer (spring)          | 1                 |
| 15                    | ... M33<br>(rigid and spring)           | ... 65-9198 | ... Air cleaner elbow (up to 1954)            | 1                 |
| 16                    | ... M33<br>(rigid and spring)           | ... 2-14    | ... Air cleaner elbow screw (up to 1954)      | 1                 |
| 17                    | ... M33<br>(rigid and spring)           | ... 65-9196 | ... Air cleaner (up to 1954)                  | 1                 |
| 17                    | ... M20, M21 (spring)                   | ... 66-9255 | ... Air cleaner                               | 1                 |
| 17                    | ... M21 (rigid)                         | ... 66-9255 | ... Air cleaner                               | 1                 |

Rear Hub  
and Wheel  
Fittings

Mudguards  
Oil Tank  
Toolbox and  
Chainguards

Petrol Tank  
Handlebar  
Dual Seat  
Battery Carrier  
and Silencer

Rear Mudguard  
Toolbox  
Chainguards  
Rear Brake  
Control  
and Silencer

Special  
Components  
as supplied to  
Automobile  
Association

Legshields

Tools and  
Sundries

Electrical  
Equipment

Front and Rear  
Safety Bars  
Safety Bars  
and Legshield

Sidecar  
Chassis

Carrier and  
Pannier

## Plate 8—continued.

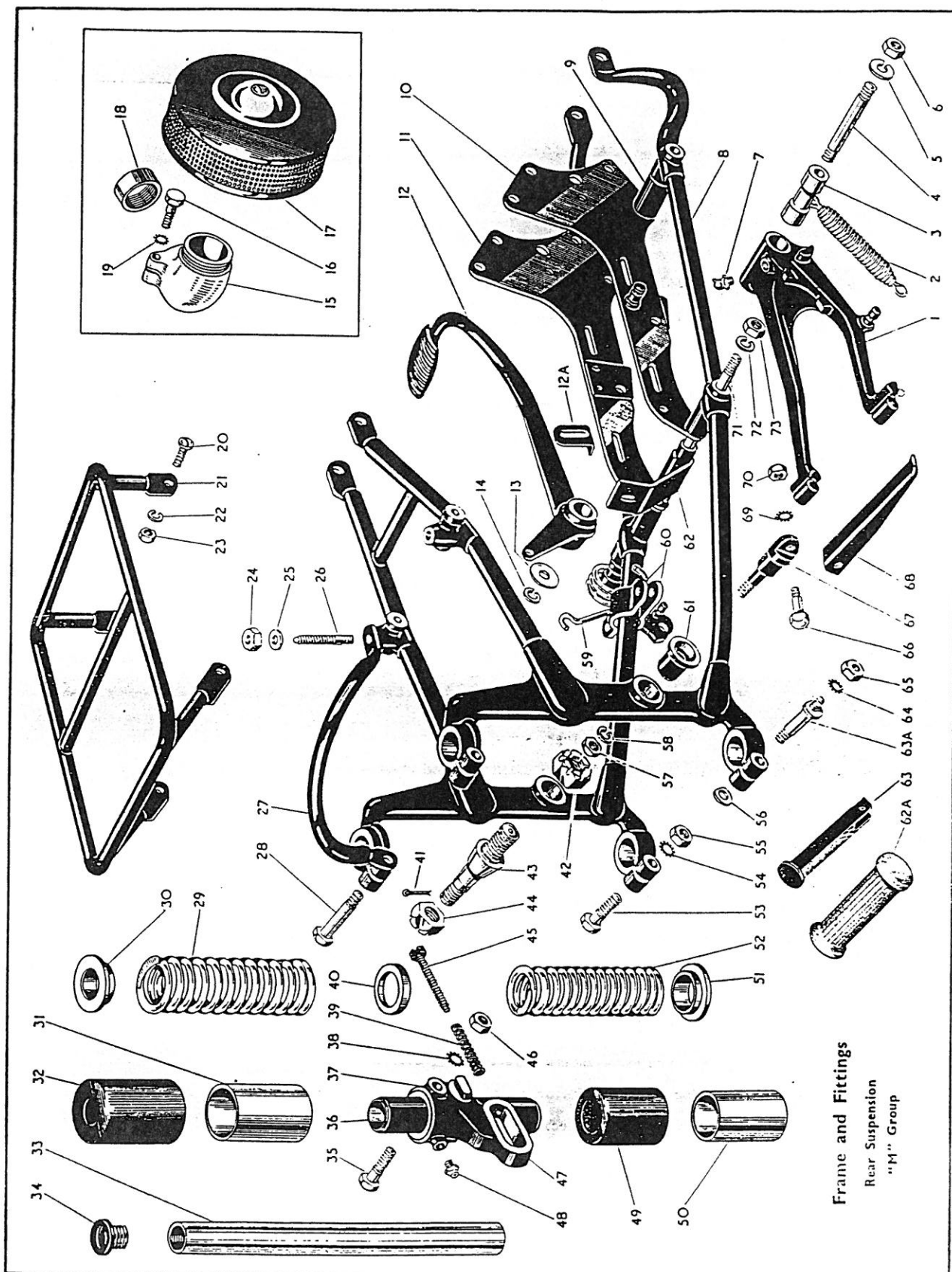
## FRAME and FITTINGS

"M" Group (Rear Suspension)

| Plate Ref.<br>Number. | Models.                               | Part No. | Description.                                             | Number<br>per set. |
|-----------------------|---------------------------------------|----------|----------------------------------------------------------|--------------------|
| 17                    | M33 (rigid and<br>spring) M20 (rigid) | 65-9271  | Air cleaner                                              | 1                  |
| —                     | M33 (rigid and<br>spring) M20 (rigid) | 19-5203  | Air cleaner element                                      | 1                  |
| —                     | M20, M21 (spring)                     | 19-5202  | Air cleaner element                                      | 1                  |
| —                     | M21 (rigid)                           | 19-5206  | Air filter felt ring                                     | 2                  |
| —                     | M20, M21, M33<br>(rigid and spring)   | 65-1237  | Air cleaner adaptor (up to 1954)                         | 1                  |
| 18                    | M33                                   | 29-541   | Air cleaner elbow screw washer (shakeproof) (up to 1954) | 1                  |
| 19                    | (rigid and spring)<br>M33             | 15-7161  | Carrier fixing screw                                     | 4                  |
| 20                    | M20, M21, M33<br>(spring)             | 67-6921  | Carrier complete                                         | 1                  |
| 21                    | M20, M21, M33<br>(spring)             | 2-1462   | Carrier fixing screw washer (spring)                     | 4                  |
| 22                    | M20, M21, M33<br>(spring)             | 2-2395   | Carrier fixing screw nut                                 | 4                  |
| 23                    | M20, M21, M33<br>(spring)             | 2-49     | Saddle rear fixing stud nut                              | 4                  |
| 24                    | M20, M21, M33<br>(spring)             | 2-923    | Saddle rear fixing stud washer                           | 4                  |
| 25                    | M20, M21, M33<br>(spring)             | 67-4040  | Saddle rear fixing stud                                  | 2                  |
| 26                    | M20, M21, M33<br>(spring)             | 66-4205  | Lifting handle                                           | 1                  |
| 27                    | M20, M21, M33<br>(spring)             | 31-68    | Plunger carrier column bolt top                          | 2                  |
| 28                    | M20, M21, M33<br>(spring)             | 67-4132  | Plunger spring (top)                                     | 2                  |
| 29                    | M20, M21, M33<br>(spring)             | 89-4257  | Plunger spring top collar                                | 2                  |
| 30                    | M20, M21, M33<br>(spring)             | 89-4249  | Plunger spring inner shroud                              | 2                  |
| 31                    | M20, M21, M33<br>(spring)             | 89-4248  | Plunger spring outer shroud                              | 2                  |
| 32                    | M20, M21, M33<br>(spring)             | 67-4134  | Plunger carrier column assembly                          | 2                  |
| 33                    | M20, M21, M33<br>(spring)             | 67-4166  | Plunger carrier column screwed plug                      | 2                  |
| 34                    | M20, M21, M33<br>(spring)             | 3-1399   | Clamp lug bolt                                           | 2                  |
| 35                    | M20, M21, M33<br>(spring)             | 89-4046  | Plunger complete                                         | 2                  |
| 36                    | M20, M21, M33<br>(spring)             | 67-4125  | Rear spindle clamp lug (nearside)                        | 1                  |
| 37                    | M20, M21, M33<br>(spring)             | 66-4707  | Clamp lug bolt washer (shakeproof)                       | 2                  |
| 38                    | M20, M21, M33<br>(spring)             | 15-1312  | Rear wheel adjusting screw spring                        | 2                  |
| 39                    | M20, M21, M33<br>(spring)             | 67-4127  | Rebound spring top collar                                | 2                  |
| 40                    | M20, M21, M33<br>(spring)             | 35-722   | Sidecar chainstay lug stud split pin                     | 2                  |
| 41                    | M20, M21, M33<br>(spring)             | 67-4182  | Sidecar chainstay lug stud locknut                       | 1                  |
| 42                    | M20, M21, M33<br>(spring)             | 67-4181  | Sidecar chainstay lug stud                               | 1                  |
| 43                    | M20, M21, M33<br>(spring)             | 2-1946   | Sidecar chainstay lug stud nut                           | 1                  |
| 44                    | M20, M21, M33<br>(spring)             | 66-4603  | Rear wheel adjusting screw...                            | 2                  |
| 45                    | M20, M21, M33<br>(spring)             | 2-46     | Clamp lug bolt nut                                       | 2                  |
| 46                    | M20, M21, M33<br>(spring)             | 67-4126  | Rear spindle clamp lug (offside)                         | 1                  |
| 47                    | M20, M21, M33<br>(spring)             |          |                                                          |                    |



# FRAME and FITTINGS "M" Group (Rear Suspension)



Front Fork  
and  
Fittings

Front Hub  
and Wheel  
Fittings

Rear Hub  
and Wheel  
Fittings

Mudguards  
Oil Tank  
Toolbox and  
Chainguards

Petrol Tank  
Handlebar  
Dual Seat  
Battery Carrier  
and Silencer

Rear Mudguard  
Toolbox  
Chainguards  
Rear Brake  
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Front and Rear  
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Safety Bars  
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Sidcar  
Chassis

Carrier  
Pannier

## FRAME and FITTINGS

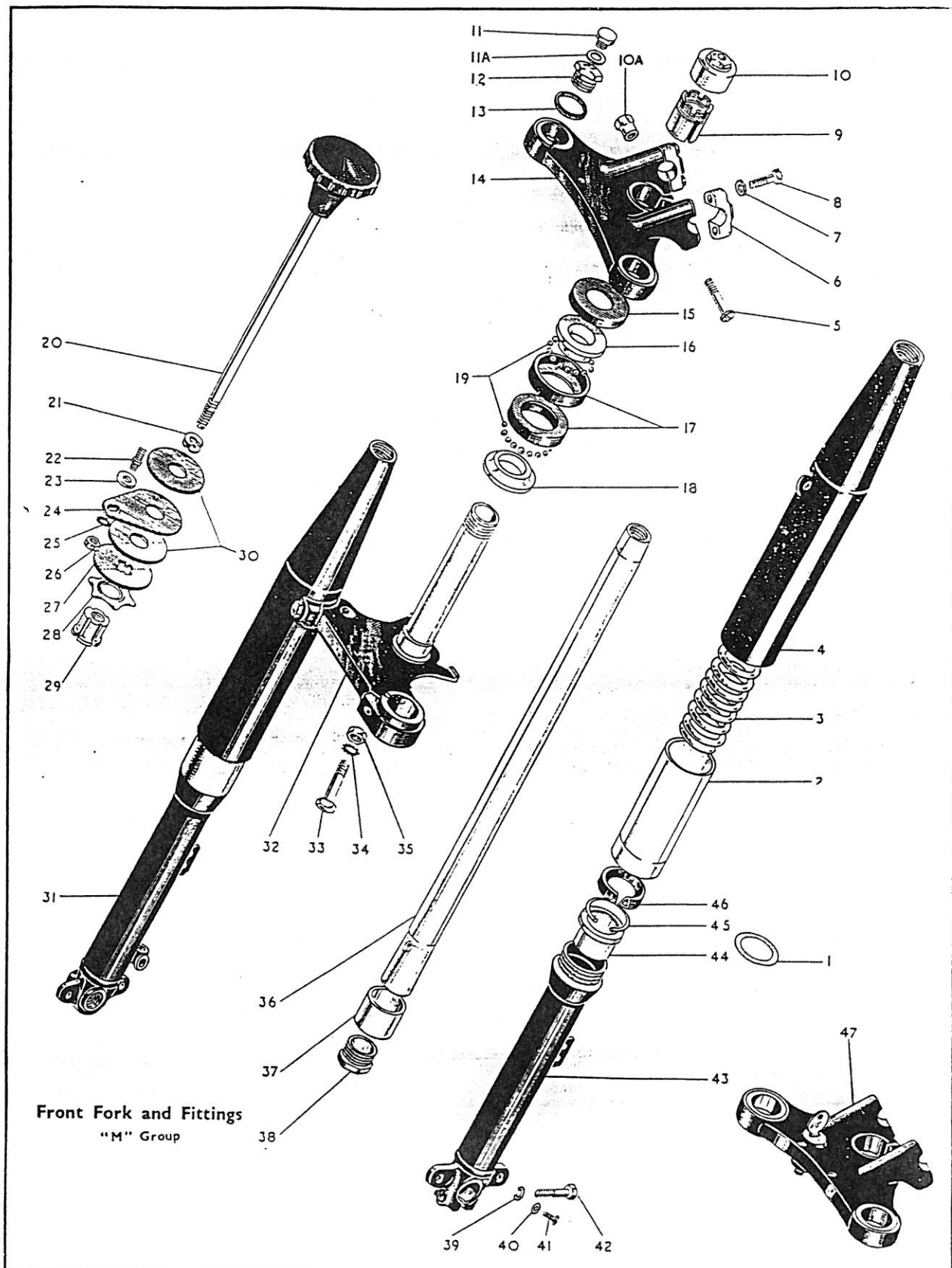
"M" Group (Rear Suspension).

| Plate Ref.<br>Number. | Models.                           | Part No.     | Description.                                                                         | Number<br>per set. |
|-----------------------|-----------------------------------|--------------|--------------------------------------------------------------------------------------|--------------------|
| 48                    | ... M20, M21, M33<br>... (spring) | ... 28-2080  | ... Clamp lug grease nipple ...                                                      | 2                  |
| 49                    | ... M20, M21, M33<br>... (spring) | ... 89-4240  | ... Rebound spring outer shroud ...                                                  | 2                  |
| 50                    | ... M20, M21, M33<br>... (spring) | ... 89-4241  | ... Rebound spring inner shroud ...                                                  | 2                  |
| 51                    | ... M20, M21, M33<br>... (spring) | ... 89-4258  | ... Rebound spring bottom collar ...                                                 | 2                  |
| 52                    | ... M20, M21, M33<br>... (spring) | ... 89-4259  | ... Rebound spring (bottom) ...                                                      | 2                  |
| 53                    | ... M20, M21, M33<br>... (spring) | ... 3-1399   | ... Plunger carrier bottom clip bolt (nearside) ...                                  | 1                  |
| 54                    | ... M20, M21, M33<br>... (spring) | ... 66-4707  | ... Plunger carrier column bolt washer (shakeproof) ...                              | 4                  |
| 55                    | ... M20, M21, M33<br>... (spring) | ... 2-46     | ... Plunger carrier column bolt nut ...                                              | 4                  |
| 56                    | ... M20, M21, M33<br>... (spring) | ... 67-4129  | ... Plunger carrier bottom clip bolt distance washer ...                             | 2                  |
| 57                    | ... M20, M21, M33<br>... (spring) | ... 2-46     | ... Pillion footrest anchor bolt nut ...                                             | 2                  |
| 58                    | ... M20, M21, M33<br>... (spring) | ... 2-2903   | ... Pillion footrest anchor bolt washer (spring) ...                                 | 2                  |
| 59                    | ... M20, M21, M33<br>... (spring) | ... 65-7063  | ... Rear brake pedal return spring ...                                               | 1                  |
| 60                    | ... M20, M21, M33<br>... (spring) | ... 65-4743  | ... Prop stand lug complete ...                                                      | 1                  |
| 61                    | ... M20, M21, M33<br>... (spring) | ... 67-4183  | ... Pillion footrest adaptor ...                                                     | 2                  |
| 62                    | ... M20, M21, M33<br>... (spring) | ... 66-6851  | ... Rear mudguard front fixing bracket complete ...                                  | 1                  |
| 62A                   | ... M20, M21, M33<br>... (spring) | ... 29-7583  | ... Pillion footrest rubber ...                                                      | 2                  |
| 63                    | ... M20, M21, M33<br>... (spring) | ... 29-7581  | ... Pillion footrest ...                                                             | 2                  |
| 63A                   | ... M20, M21, M33<br>... (spring) | ... 67-4128  | ... Plunger carrier bottom clip bolt and silencer support ...                        | 1                  |
| 64                    | ... M20, M21, M33<br>... (spring) | ... 36-382   | ... Plunger carrier bottom clip bolt and silencer support washer<br>(shakeproof) ... | 1                  |
| 65                    | ... M20, M21, M33<br>... (spring) | ... 2-49     | ... Plunger carrier bottom clip and silencer support nut ...                         | 1                  |
| 66                    | ... M20, M21, M33<br>... (spring) | ... 29-7564  | ... Pillion footrest swivel bolt ...                                                 | 2                  |
| 67                    | ... M20, M21, M33<br>... (spring) | ... 29-7560  | ... Pillion footrest anchor bolt ...                                                 | 2                  |
| 68                    | ... M20, M21, M33<br>... (spring) | ... *29-7561 | ... Pillion footrest with stiffening piece ...                                       | 2                  |
| 69                    | ... M20, M21, M33<br>... (spring) | ... 36-382   | ... Pillion footrest swivel bolt washer (shakeproof) ...                             | 2                  |
| 70                    | ... M20, M21, M33<br>... (spring) | ... 24-6040  | ... Pillion footrest swivel bolt nut ...                                             | 2                  |
| 71                    | ... M20, M21, M33<br>... (spring) | ... 66-4198  | ... Chainstay bridge connecting stud ...                                             | 1                  |
| 72                    | ... M20, M21, M33<br>... (spring) | ... 2-522    | ... Chainstay bridge connecting stud washer (spring) ..                              | 2                  |
| 73                    | ... M20, M21, M33<br>... (spring) | ... 2-46     | ... Chainstay bridge connecting stud nut ...                                         | 2                  |
| —                     | ... M20, M21, M33<br>... (spring) | ... 30 650   | ... Pillion footrest anchor bolt washer (plain) ...                                  | 2                  |

\*Superseded by 29-7581 pillion footrest.

# FRONT FORK and FITTINGS

"M" Group



Front Fork  
and  
Fittings

Front Hub  
and Wheel  
Fittings

Rear Hub  
and Wheel  
Fittings

Mudguards  
Oil Tank  
Toolbox and  
Chainguards

Petrol Tank  
Handlebar  
Dual Seat  
Battery Carrier  
and Silencer

Rear Mudguard  
Toolbox  
Chainguards  
Rear Brake  
Control  
and Silencer

Special  
Components  
as supplied to  
Automobile  
Association

Legshields

Tools and  
Sundries

Electrical  
Equipment

Front and Rear  
Safety Bars  
Safety Bar  
and Legshield

Sidcar  
Chassis

Carrier  
Pannier



## Plate 9

## FRONT FORK and FITTINGS

"M" Group.

| Plate Ref.<br>Number. | Model.                                  | Part No.      | Description.                                           | Number<br>per set. |
|-----------------------|-----------------------------------------|---------------|--------------------------------------------------------|--------------------|
| —                     | ... M20, M21, M33<br>(rigid and spring) | ... 65-5400   | ... Front fork assembled (7" brake) (1952) ...         | 1                  |
| —                     | ... M20, M21, M33<br>(rigid and spring) | ... 65-5443   | ... Front fork assembled (7" brake) (1954/5) ...       | 1                  |
| —                     | ... M20, M21, M33<br>(rigid and spring) | ... 65-5444   | ... Front fork assembled (8" brake) ...                | 1                  |
| —                     | ... M20, M21, M33<br>(rigid and spring) | ... 65-5433   | ... Front fork assembled (8" brake) (1953/4) ...       | 1                  |
| 1                     | ... M21 AA Model                        | ... 66-5105   | ... Front fork assembled (8" brake) ...                | 1                  |
| 1                     | ... M20, M21, M33<br>(rigid and spring) | ... 29-5334   | ... Front fork top bush shim (.005") ...               | as reqd.           |
|                       |                                         | ... 29-5335   | ... Front fork top bush shim (.010") ...               | as reqd.           |
|                       |                                         | ... 29-5336   | ... Front fork top bush shim (.020") ...               | as reqd.           |
|                       |                                         | ... 29-5337   | ... Front fork top bush shim (.030") ...               | as reqd.           |
| 2                     | ... M20, M21, M33<br>(rigid and spring) | ... 29-5310/3 | ... Front fork oil seal holder ...                     | 2                  |
| 3                     | ... M20, M21, M33<br>(rigid and spring) | ... 65-5390   | ... Front fork spring (M21, M33 solo) ...              | 2                  |
| 3                     | ... M20, M21, M33<br>(rigid and spring) | ... 65-5391   | ... Front fork spring (M21, M33 sidecar) ...           | 2                  |
| 4                     | ... M20, M21, M33<br>(rigid and spring) | ... 67-5009   | ... Fork outer sleeve ...                              | 2                  |
| 4                     | ... M21 AA Model                        | ... 67-5042   | ... Fork outer sleeve with lamp bracket (nearside) ... | 1                  |
| 4                     | ... M21 AA Model                        | ... 67-5044   | ... Fork outer sleeve with lamp bracket (offside) ...  | 1                  |
| 5                     | ... M20, M21, M33<br>(rigid and spring) | ... 27-5135   | ... Fork top yoke clip bolt ...                        | 1                  |
| 6                     | ... M20, M21, M33<br>(rigid and spring) | ... 65-5333   | ... Handlebar clip ...                                 | 2                  |
| 7                     | ... M20, M21, M33<br>(rigid and spring) | ... 15-5155   | ... Handlebar clip bolt washer ...                     | 4                  |
| 8                     | ... M20, M21, M33<br>(rigid and spring) | ... 65-5334   | ... Handlebar clip bolt ...                            | 4                  |
| 9                     | ... M20, M21, M33<br>(rigid and spring) | ... 67-5023   | ... Steering stem adjusting sleeve ...                 | 1                  |
| 10                    | ... M20, M21, M33<br>(rigid and spring) | ... 67-5024   | ... Steering stem adjusting sleeve cap ...             | 1                  |
| 10A                   | ... M20, M21, M33<br>(rigid and spring) | ... 66-5097   | ... Fork top yoke clip bolt nut ...                    | 1                  |
| 11                    | ... M21 AA Model                        | ... 2-84      | ... Fork filler plug ...                               | 2                  |
| 11A                   | ... M21 AA Model                        | ... 2-100     | ... Fork filler plug washer (fibre) ...                | 2                  |
| 12                    | ... M20, M21, M33<br>(rigid and spring) | ... 65-5331   | ... Fork tube nut ...                                  | 2                  |
| 12                    | ... M21 AA Model                        | ... 66-5106   | ... Fork tube nut ...                                  | 2                  |
| 13                    | ... M20, M21, M33<br>(rigid and spring) | ... 65-5332   | ... Fork tube nut washer ...                           | 2                  |
| 14                    | ... M20, M21, M33<br>(rigid and spring) | ... 65-5448   | ... Front fork top yoke ...                            | 1                  |
| 14                    | ... M21 AA Model<br>(rigid and spring)  | ... 65-5447   | ... Front fork top yoke ...                            | 1                  |
| 15                    | ... M20, M21, M33<br>(rigid and spring) | ... 66-5204   | ... Steering head dust cap ...                         | 1                  |
| 16                    | ... M20, M21, M33<br>(rigid and spring) | ... 65-5126   | ... Steering head ballrace cone (top) ...              | 1                  |
| 17                    | ... M20, M21, M33<br>(rigid and spring) | ... 66-4149   | ... Steering head ballrace cup ...                     | 2                  |
| 18                    | ... M20, M21, M33<br>(rigid and spring) | ... 65-5127   | ... Steering head ballrace cone (bottom) ...           | 1                  |
| 19                    | ... M20, M21, M33<br>(rigid and spring) | ... 1-4675    | ... Steering head balls ...                            | 40                 |
| 20                    | ... M20, M21, M33<br>(rigid and spring) | ... 67-5021   | ... Steering damper adjusting rod ...                  | 1                  |
| 21                    | ... M20, M21, M33<br>(rigid and spring) | ... 24-6035   | ... Steering damper knob washer (spring) ...           | 1                  |
| 22                    | ... M20, M21, M33<br>(rigid and spring) | ... 65-5327   | ... Steering damper anchor plate stud ...              | 1                  |
| 23                    | ... M20, M21, M33<br>(rigid and spring) | ... 2-923     | ... Steering damper stud washer ...                    | 1                  |
| 24                    | ... M20, M21, M33<br>(rigid and spring) | ... 27-5152   | ... Steering damper anchor plate ...                   | 1                  |
| 25                    | ... M20, M21, M33<br>(rigid and spring) | ... 36-382    | ... Steering damper anchor plate washer ...            | 1                  |

## FRONT FORK and FITTINGS

"M" Group

| Plate Ref.<br>Number. | Models.                             | Part No. | Description.                                          | Number<br>per set. |
|-----------------------|-------------------------------------|----------|-------------------------------------------------------|--------------------|
| 26                    | M20, M21, M33<br>(rigid and spring) | 2-49     | Steering damper anchor plate stud nut                 | 1                  |
| 27                    | M20, M21, M33<br>(rigid and spring) | 25-5241  | Steering damper bottom plate                          | 1                  |
| 28                    | M20, M21, M33<br>(rigid and spring) | 25-5247  | Steering damper star washer                           | 1                  |
| 29                    | M20, M21, M33<br>(rigid and spring) | 65-5328  | Steering damper centre                                | 1                  |
| 30                    | M20, M21, M33<br>(rigid and spring) | 65-5380  | Steering damper friction washer                       | 2                  |
| 31                    | M20, M21, M33<br>(rigid and spring) | 65-5410  | Fork sliding tube (offside) complete (7" brake)       | 1                  |
| 31                    | M20, M21, M33<br>(rigid and spring) | 65-5420  | Front fork sliding tube (offside) complete (8" brake) | 1                  |
| 32                    | M20, M21, M33<br>(rigid and spring) | 66-5089  | Front fork bottom yoke                                | 1                  |
| 33                    | M20, M21, M33<br>(rigid and spring) | 65-5435  | Front fork bottom yoke bolt                           | 2                  |
| 33                    | M21 AA Model                        | 29-5289  | Front fork bottom yoke bolt                           | 2                  |
| 34                    | M20, M21, M33<br>(rigid and spring) | 36-382   | Front fork bottom yoke bolt nut washer                | 2                  |
| 35                    | M20, M21, M33<br>(rigid and spring) | 24-5160  | Front fork bottom yoke bolt nut                       | 2                  |
| 36                    | M20, M21, M33<br>(spring)           | 67-5014  | Front fork shaft (8" brake)                           | 2                  |
| —                     | M20, M21, M33<br>(rigid)            | 89-5061  | Front fork shaft (8" brake)                           | 2                  |
| 37                    | M20, M21, M33<br>(rigid and spring) | 29-5347  | Front fork bottom bearing                             | 2                  |
| 38                    | M20, M21, M33<br>(rigid and spring) | 29-5283  | Front fork shaft plug                                 | 2                  |
| —                     | M20, M21, M33<br>(rigid and spring) | 29-5338  | Fork plug washer                                      | 2                  |
| 39                    | M20, M21, M33<br>(rigid and spring) | 2-2903   | Fork end bolt washer (spring)                         | 1                  |
| 40                    | M20, M21, M33<br>(rigid and spring) | 2-292    | Fork end drain plug washer                            | 2                  |
| 41                    | M20, M21, M33<br>(rigid and spring) | 2-1309   | Fork end drain plug                                   | 2                  |
| 42                    | M20, M21, M33                       | 65-5295  | Fork end bolt (nearside)                              | 1                  |
| 43                    | M20, M21, M33<br>(rigid and spring) | 65-5408  | Fork sliding tube (nearside) complete (7" brake)      | 1                  |
| 43                    | M20, M21, M33<br>(rigid and spring) | 67-5057  | Fork sliding tube (nearside) complete (8" brake)      | 1                  |
| 44                    | M20, M21, M33<br>(rigid and spring) | 29-5346  | Front fork top bearing                                | 2                  |
| 44                    | M20, M21, M33<br>(rigid)            | 65-5424  | Front fork top bearing                                | 2                  |
| 45                    | M20, M21, M33<br>(rigid and spring) | 29-5320  | Top bearing circlip                                   | 2                  |
| 46                    | M20, M21, M33<br>(rigid and spring) | 29-5313  | Front fork oil seal                                   | 2                  |
| 47                    | M20, M21, M33<br>(rigid and spring) | 65-5448  | Front fork top yoke                                   | 1                  |
| 48                    | M20, M21, M33                       | 65-5445  | Steering head lock                                    | 1                  |
| —                     | (rigid and spring)                  | 65-5446  | Steering head lock grub screw                         | 1                  |

Front Hub  
and Wheel  
FittingsRear Hub  
and Wheel  
FittingsMudguards  
Oil Tank  
Toolbox and  
ChainguardsPetrol Tank  
Handlebar  
Dual Seat  
Battery Carrier  
and SilencerRear Mudguards  
Toolbox  
Chainguards  
Rear Brake  
Control  
and SilencerSpecial  
Components  
as supplied to  
Automobile  
Association

Legshields

Tools and  
SundriesElectrical  
EquipmentFront and Rear  
Safety Bars  
Safety Bar  
and LegshieldSidecar  
ChassisCarrier  
Pannier



## Plate 9A

## FRONT FORK and FITTINGS

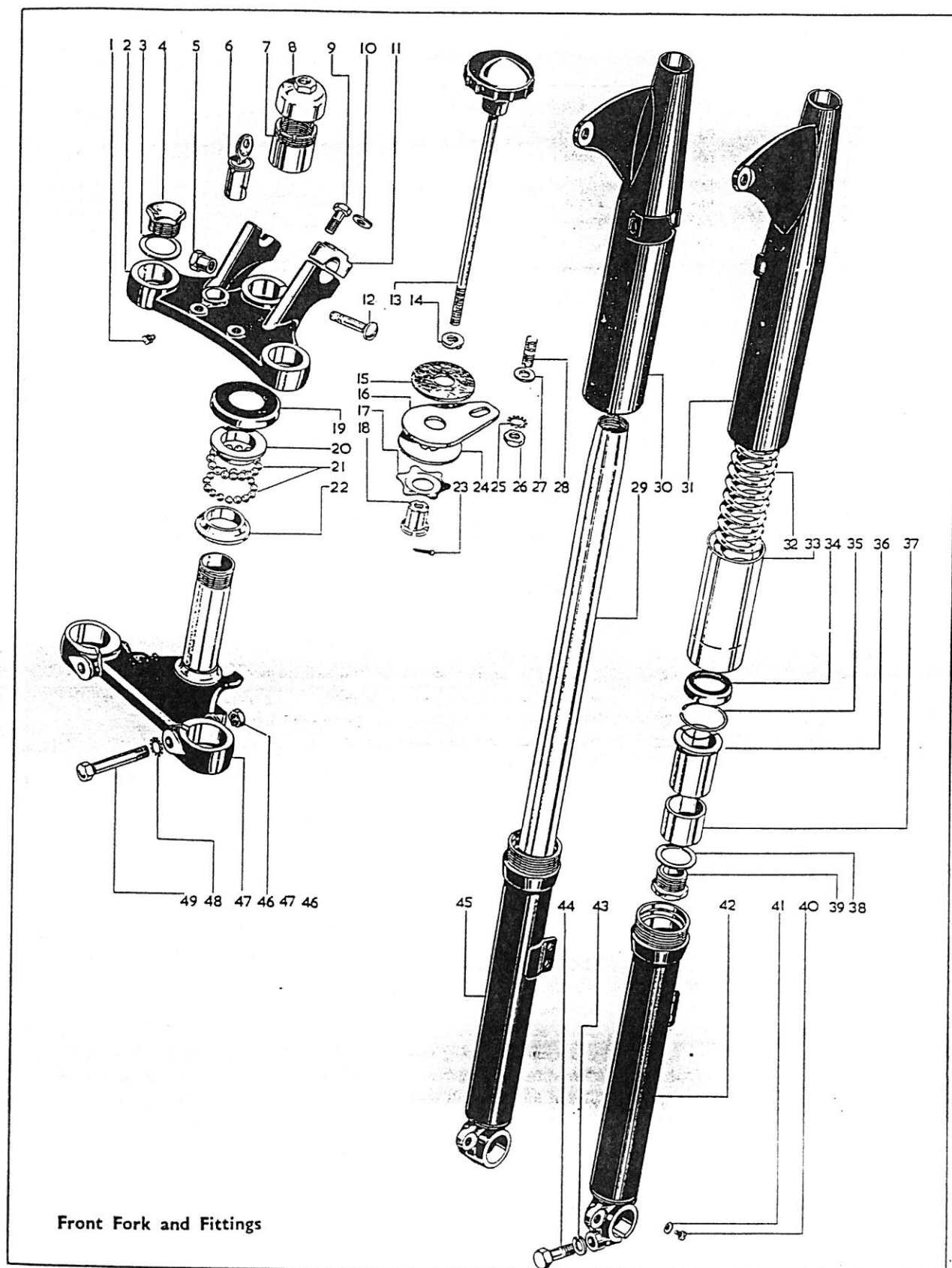
M21 Spring Frame (1958)

| Plate Ref.<br>Number | Model | Part No. | Description                                                | Number<br>per set |
|----------------------|-------|----------|------------------------------------------------------------|-------------------|
| 1                    | M21   | 65-5446  | Steering head lock grub screw                              | 1                 |
| 2                    | M21   | 65-5447  | Front fork top yoke                                        | 1                 |
| 3                    | M21   | 65-5332  | Front fork tube nut washer                                 | 2                 |
| 4                    | M21   | 65-5331  | Front fork tube nut                                        | 2                 |
| 5                    | M21   | 66-5097  | Front fork top yoke clip bolt nut                          | 1                 |
| 6                    | M21   | 65-5445  | Steering head lock                                         | 1                 |
| 7                    | M21   | 67-5023  | Steering stem adjusting sleeve                             | 1                 |
| 8                    | M21   | 67-5024  | Steering stem adjusting sleeve cap                         | 1                 |
| 9                    | M21   | 65-5334  | Handlebar and yoke clip bolt                               | 4                 |
| 10                   | M21   | 15-5155  | Handlebar and yoke clip bolt washer (plain)                | 4                 |
| 11                   | M21   | 65-5333  | Handlebar clip                                             | 2                 |
| 12                   | M21   | 27-5135  | Front fork top yoke clip bolt                              | 1                 |
| 13                   | M21   | 67-5021  | Steering damper adjusting rod                              | 1                 |
| 14                   | M21   | 24-6035  | Steering damper knob washer (spring)                       | 1                 |
| 15                   | M21   | 65-5380  | Steering damper friction washer                            | 1                 |
| 16                   | M21   | 27-5152  | Steering damper anchor plate                               | 1                 |
| 17                   | M21   | 25-5247  | Steering damper star washer                                | 1                 |
| 18                   | M21   | 65-5328  | Steering damper centre                                     | 1                 |
| 19                   | M21   | 66-5204  | Steering head dust cap                                     | 1                 |
| 20                   | M21   | 65-5126  | Steering head ballrace cone (top)                          | 1                 |
| 21                   | M21   | 1-4675   | Steering head balls                                        | 40                |
| 22                   | M21   | 65-5127  | Steering head ballrace cone (bottom)                       | 1                 |
| 23                   | M21   | 35-701   | Steering damper rod split pin                              | 1                 |
| 24                   | M21   | 25-2541  | Steering damper bottom plate                               | 1                 |
| 25                   | M21   | 36-382   | Steering damper anchor plate stud lock washer (shakeproof) | 1                 |
| 26                   | M21   | 2-49     | Steering damper anchor plate stud nut                      | 1                 |
| 27                   | M21   | 2-923    | Steering damper anchor plate stud washer (plain)           | 1                 |
| 28                   | M21   | 65-5327  | Steering damper anchor plate stud                          | 1                 |
| 29                   | M21   | 89-5061  | Front fork shaft                                           | 2                 |
| 30                   | M21   | 67-5044  | Front fork outer sleeve (o/s)                              | 1                 |
| 31                   | M21   | 67-5042  | Front fork outer sleeve (n/s)                              | 1                 |
| 32                   | M21   | 89-5036  | Front fork spring (solo machines)                          | 2                 |
| 32                   | M21   | 65-5391  | Front fork spring (sidcar machines)                        | 2                 |
| 33                   | M21   | 29-5310  | Front fork oil seal holder                                 | 2                 |
| 34                   | M21   | 29-5313  | Front fork oil seal                                        | 2                 |
| 35                   | M21   | 29-5320  | Front fork top bearing circlip                             | 2                 |
| 36                   | M21   | 65-5424  | Front fork top bearing                                     | 2                 |
| 37                   | M21   | 29-5347  | Front fork bottom bearing                                  | 2                 |
| 38                   | M21   | 29-5338  | Front fork shaft plug washer                               | 2                 |
| 39                   | M21   | 29-5283  | Front fork shaft plug                                      | 2                 |
| 40                   | M21   | 2-1309   | Fork end drain plug                                        | 2                 |
| 41                   | M21   | 2-292    | Fork end drain plug washer                                 | 2                 |
| 42                   | M21   | 67-5057  | Front fork sliding tube (n/s)                              | 1                 |
| 43                   | M21   | 2-2903   | Front fork end bolt washer                                 | 1                 |
| 44                   | M21   | 65-5295  | Front fork end bolt (n/s)                                  | 1                 |
| 45                   | M21   | 65-5420  | Front fork sliding tube (o/s)                              | 1                 |
| 46                   | M21   | 24-5160  | Bottom yoke bolt nut                                       | 2                 |
| 47                   | M21   | 66-5089  | Front fork bottom yoke                                     | 1                 |
| 48                   | M21   | 36-382   | Front fork bottom yoke washer                              | 2                 |
| 49                   | M21   | 29-5289  | Front fork bottom yoke bolt                                | 2                 |



# FRONT FORK and FITTINGS

M21 Spring Frame (1958)



Front Fork and Fittings

Front Hub  
and Wheel  
Fittings

Rear Hub  
and Wheel  
Fittings

Mudguards  
Oil Tank  
Toolbox and  
Chainguards

Petrol Tank  
Handlebar  
Dual Seat  
Battery Carrier  
and Silencer

Rear Mudguard  
Toolbox  
Chainguards  
Rear Brake  
Control  
and Silencer

Special  
Components  
as supplied to  
Automobile  
Association

Legshields

Tools and  
Sundries

Electrical  
Equipment

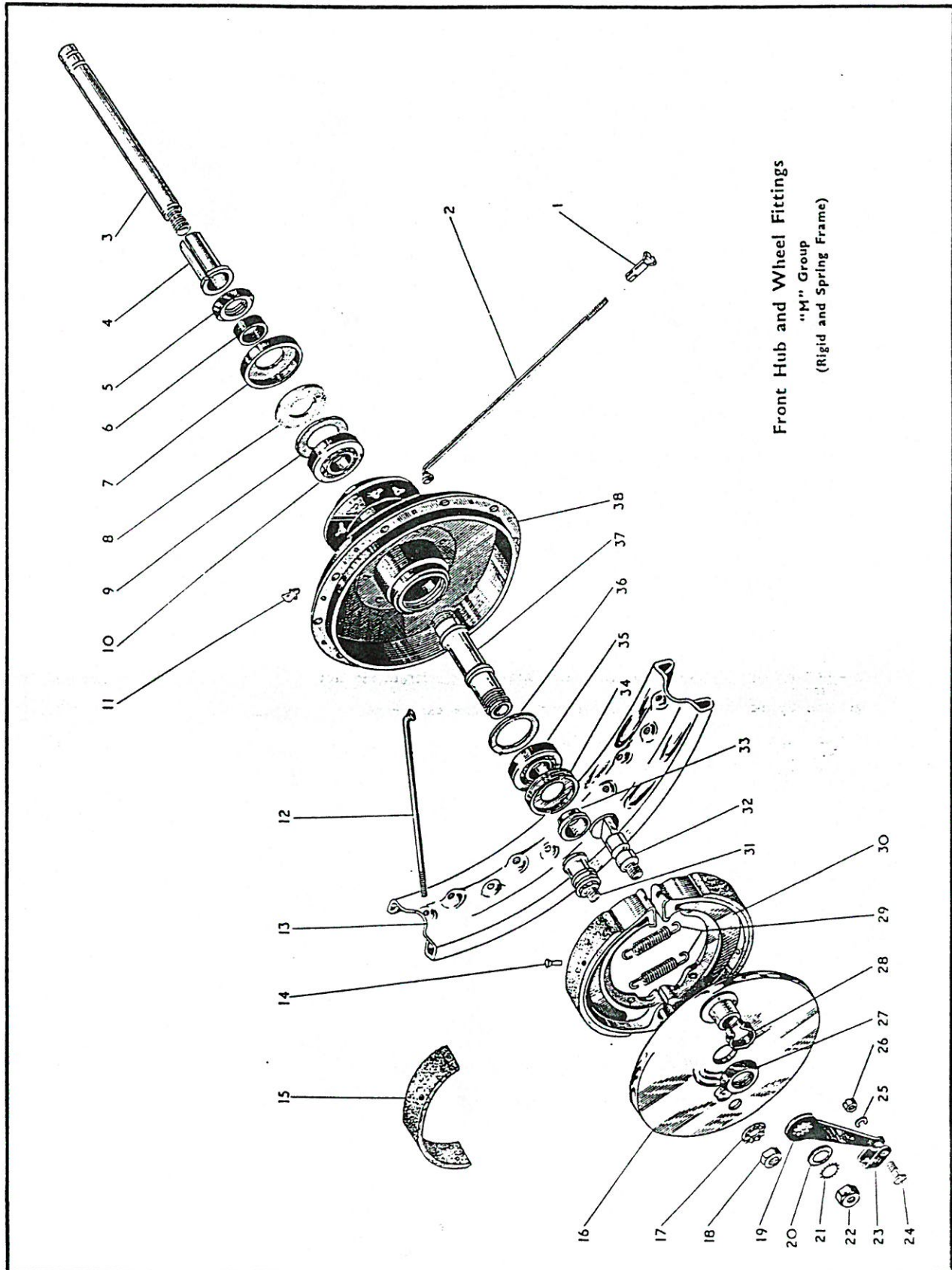
Front and Rear  
Safety Bars,  
Safety Bars  
and Legshields

Sidecar  
Chassis

Carrier and  
Pannier

# FRONT HUB and WHEEL FITTINGS

"M" Group (Rigid and Spring Frame) (7" brake)



## Plate 10

## FRONT HUB and WHEEL FITTINGS

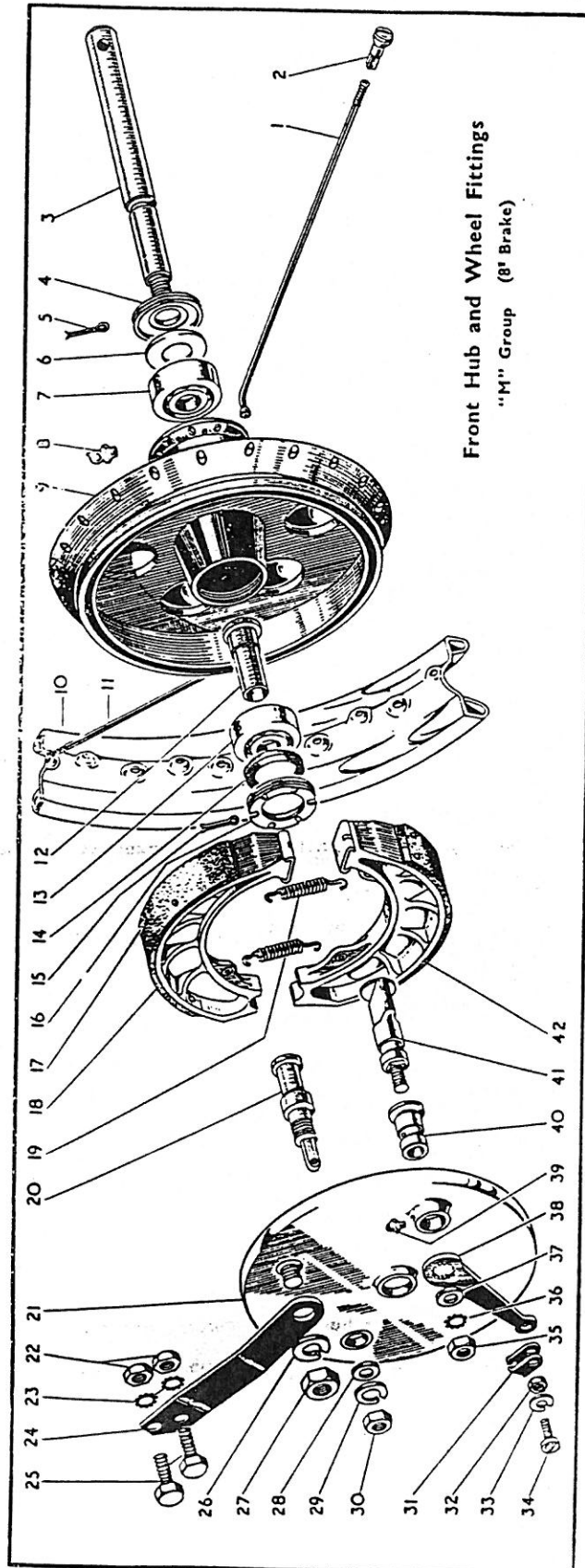
"M" Group (Rigid and Spring Frame) (7" Brake)

| Plate Ref.<br>Number. | Model.                        | Part No.   | Description.                                   | Number<br>per set. |                                                                                 |
|-----------------------|-------------------------------|------------|------------------------------------------------|--------------------|---------------------------------------------------------------------------------|
| 1                     | ... Rigid and Spring<br>Frame | 27-6813    | Front wheel spoke nipple                       | 40                 |                                                                                 |
| 2                     | ... Rigid and Spring<br>Frame | 65-5872    | Front wheel spoke (long)                       | 20                 |                                                                                 |
| 3                     | ... Rigid and Spring<br>Frame | 65-5929    | Front hub spindle complete                     | 1                  |                                                                                 |
| 4                     | ... Rigid and Spring<br>Frame | 65-5892    | Front hub spindle distance piece               | 1                  |                                                                                 |
| 5                     | ... Rigid and Spring<br>Frame | 65-5893    | Front wheel cover plate nut                    | 1                  |                                                                                 |
| 6                     | ... Rigid and Spring<br>Frame | 65-5890    | Front hub distance collar                      | 1                  |                                                                                 |
| 7                     | ... Rigid and Spring<br>Frame | 65-5888    | Front hub felt washer retaining cup            | 1                  |                                                                                 |
| 8                     | ... Rigid and Spring<br>Frame | 65-5886    | Front hub felt washer                          | 1                  |                                                                                 |
| 9                     | ... Rigid and Spring<br>Frame | 65-5887    | Front hub felt washer retaining ring           | 1                  |                                                                                 |
| 10                    | ... Rigid and Spring<br>Frame | 65-5883    | Front hub ball journal                         | 1                  | Front Hub<br>and Wheel<br>Fittings                                              |
| 11                    | ... Rigid and Spring<br>Frame | 15-5290    | Front hub grease nipple                        | 1                  |                                                                                 |
| 12                    | ... Rigid and Spring<br>Frame | 65-5910    | Front wheel spoke (short)                      | 20                 |                                                                                 |
| —                     | ... Rigid and Spring<br>Frame | 65-5870/44 | Front wheel complete (less brake and tyre)     | 1                  | Rear Hub<br>and Wheel<br>Fittings                                               |
| 13                    | ... Rigid and Spring<br>Frame | 67-5543/3  | Front wheel rim                                | 1                  |                                                                                 |
| 14                    | ... Rigid and Spring<br>Frame | 35-6436    | Front brake shoe lining rivet                  | 14                 |                                                                                 |
| 15                    | ... Rigid and Spring<br>Frame | 65-5903    | Front brake shoe lining                        | 2                  | Mudguards<br>Oil Tank<br>Toolbox and<br>Chainguards                             |
| 16                    | ... Rigid and Spring<br>Frame | 65-5895    | Front brake cover plate complete               | 1                  |                                                                                 |
| 17                    | ... Rigid and Spring<br>Frame | 24-8045    | Front brake shoe fulcrum pin washer (serrated) | 1                  | Petrol Tank<br>Handlebar<br>Dual Seat<br>Battery Carrier<br>and Silencer        |
| 18                    | ... Rigid and Spring<br>Frame | 24-5860    | Front brake shoe fulcrum pin nut               | 1                  |                                                                                 |
| 19                    | ... Rigid and Spring<br>Frame | 65-5907    | Front brake shoe cam lever                     | 1                  | ear Mudguard<br>Toolbox<br>Chainguards<br>Rear Brake<br>Control<br>and Silencer |
| 20                    | ... Rigid and Spring<br>Frame | 15-431     | Front brake shoe cam washer                    | 1                  |                                                                                 |
| 21                    | ... Rigid and Spring<br>Frame | 66-4708    | Front brake shoe cam washer (shakeproof)       | 1                  |                                                                                 |
| 22                    | ... Rigid and Spring<br>Frame | 2-440      | Front brake shoe cam nut                       | 1                  |                                                                                 |
| 23                    | ... Rigid and Spring<br>Frame | 29-5871    | Front brake cable toggle end                   | 1                  | Special<br>Components<br>as supplied to<br>Automobile<br>Association            |
| 24                    | ... Rigid and Spring<br>Frame | 2-510      | Front brake cable toggle end screw             | 1                  |                                                                                 |
| 25                    | ... Rigid and Spring<br>Frame | 2-1462     | Front brake cable toggle end washer (spring)   | 1                  |                                                                                 |
| 26                    | ... Rigid and Spring<br>Frame | 2-443      | Front brake cable toggle end screw nut         | 1                  | Legshields                                                                      |
| 27                    | ... Rigid and Spring<br>Frame | 65-5893    | Front wheel cover plate nut                    | 1                  |                                                                                 |
| 28                    | ... Rigid and Spring<br>Frame | 65-5674    | Front brake shoe cam bearing oil hole clip     | 1                  |                                                                                 |
| 29                    | ... Rigid and Spring<br>Frame | 65-5904    | Front brake shoe spring                        | 2                  | Tools and<br>Sundries                                                           |
| 30                    | ... Rigid and Spring<br>Frame | 65-5901    | Front brake shoe complete                      | 2                  |                                                                                 |
| 31                    | ... Rigid and Spring<br>Frame | 65-5899    | Front brake shoe fulcrum pin                   | 1                  | Electrical<br>Equipmen                                                          |
| 32                    | ... Rigid and Spring<br>Frame | 65-5905    | Front brake cam complete                       | 1                  |                                                                                 |
| 33                    | ... Rigid and Spring<br>Frame | 65-5891    | Front hub distance piece                       | 1                  |                                                                                 |
| 34                    | ... Rigid and Spring<br>Frame | 65-5885    | Front hub bearing retaining ring               | 1                  | Front and Re.<br>Safety Bars<br>Safety Bars<br>and Legshield                    |



# FRONT HUB and WHEEL FITTINGS

M Group (Rigid and Spring Frame) (8" Brake)



Front Hub and Wheel Fittings  
"M" Group (8" Brake)

When ordering components with varying finishes—i.e., Wheels, Hubs and Rims, please state finish required by adding the appropriate Suffix Number to the Part Number

EXAMPLE: Front Wheel complete (less brake and tyre), 65 5850/44

## Plate 10—continued

## FRONT HUB and WHEEL FITTINGS

"M" Group (Rigid and Spring Frame) (7" Brake)

| Plate Ref.<br>Number. | Models.                       | Part No. | Description.                                              | Number<br>per set. |
|-----------------------|-------------------------------|----------|-----------------------------------------------------------|--------------------|
| 35                    | ... Rigid and Spring<br>Frame | 65-5883  | Front hub ball journal                                    | 1                  |
| 36                    | ... Rigid and Spring<br>Frame | 65-5884  | Front hub bearing thrust washer                           | 1                  |
| 37                    | ... Rigid and Spring<br>Frame | 65-5889  | Front hub spindle sleeve                                  | 1                  |
| 38                    | ... Rigid and Spring<br>Frame | 65-5876  | Front hub complete with spindle and bearings (less brake) | 1                  |

## Plate 11

## FRONT HUB and WHEEL FITTINGS

"M" Group (Rigid and Spring Frame) (8" Brake)

| Plate Ref.<br>Number. | Models.                             | Part No.   | Description.                                            | Number<br>per set. |
|-----------------------|-------------------------------------|------------|---------------------------------------------------------|--------------------|
| —                     | M20, AA (rigid)                     | 66-5554    | Front wheel complete (less brake and tyre)              | 1                  |
| —                     | M20, M21, M33<br>(rigid and spring) | 67-5542/44 | Front wheel complete (less brake and tyre) (up to 1955) | 1                  |
| —                     | M20, M21, M33<br>(rigid and spring) | 67-5605    | Front wheel complete (less brake and tyre)              | 1                  |
| 1                     | M20, M21, M33<br>(rigid and spring) | 66-5561    | Front wheel spoke (short)                               | 20                 |
| 2                     | M20, M21, M33<br>(rigid and spring) | 27-6813    | Front wheel spoke nipple                                | 40                 |
| 3                     | M20, M21, M33<br>(rigid and spring) | 67-5566    | Front hub spindle                                       | 1                  |
| 4                     | M20, M21, M33<br>(rigid and spring) | 67-5561    | Front hub bearing locking ring (nearside)               | 1                  |
| 5                     | M20, M21, M33<br>(rigid and spring) | 35-701     | Front hub bearing locking ring retaining pin            | 1                  |
| 6                     | M20, M21, M33<br>(rigid and spring) | 67-5563    | Front hub bearing oil retaining washer (nearside)       | 1                  |
| 7                     | M20, M21, M33<br>(rigid and spring) | 65-5883    | Front hub ball journal                                  | 1                  |
| 8                     | M20, M21, M33<br>(rigid and spring) | 28-2080    | Front hub grease nipple                                 | 1                  |
| 9                     | M20, M21, M33<br>(rigid and spring) | 67-5547    | Front hub shell with spindle and bearings (up to 1955)  | 1                  |
| 9                     | M20, M21, M33<br>(rigid and spring) | 66-5556    | Front hub complete with spindle, sleeve and bearings    | 1                  |
| 10                    | M20, M21, M33<br>(rigid and spring) | 67-5543/3  | Front wheel rim                                         | 1                  |
| 11                    | M20, M21, M33<br>(rigid and spring) | 67-5545    | Front wheel spoke (long) (up to 1955)                   | 20                 |
| 11                    | M20, M21, M33<br>(rigid and spring) | 67-5606    | Front wheel spoke (long)                                | 20                 |
| 11                    | M21 AA (rigid)                      | 66-5555    | Front wheel spoke (long)                                | 20                 |
| 12                    | M20, M21, M33<br>(rigid and spring) | 67-5565    | Front hub spindle sleeve                                | 1                  |
| 13                    | M20, M21, M33<br>(rigid and spring) | 65-5883    | Front hub ball journal                                  | 1                  |
| 14                    | M20, M21, M33<br>(rigid and spring) | 67-5564    | Front hub bearing oil retaining washer (offside)        | 1                  |
| 15                    | M20, M21, M33<br>(rigid and spring) | 35-701     | Front hub bearing locking ring retaining pin            | 1                  |
| 16                    | M20, M21, M33<br>(rigid and spring) | 67-5562    | Front hub bearing locking ring (offside)                | 1                  |
| 17                    | M20, M21, M33<br>(rigid and spring) | 67-5575    | Front brake shoe lining rivet                           | 14                 |
| 18                    | M20, M21, M33<br>(rigid and spring) | 67-5571    | Front brake shoe lining                                 | 2                  |
| 19                    | M20, M21, M33<br>(rigid and spring) | 65-5904    | Front brake shoe spring                                 | 2                  |
| 20                    | M20, M21, M33<br>(rigid and spring) | 67-5576    | Front brake fulcrum and adjusting pin                   | 1                  |

Rear Hub  
and Wheel  
FittingsMudguards  
Oil Tank  
Toolbox and  
ChainguardsPetrol Tank  
Handlebar  
Dual Seat  
Battery Carrier  
and Silencerear Mudguard  
Toolbox  
Chainguards  
Rear Brake  
Control  
and SilencerSpecial  
Components  
as supplied to  
Automobile  
Association

Legshields

Tools and  
SundriesElectrical  
EquipmentFront and Rear  
Safety Bars  
Safety Bars  
and LegshieldSidecar  
ChassisCarrier  
Pannier

## Plate 11—continued

## FRONT HUB and WHEEL FITTINGS

"M" Group (Rigid and Spring Frame) (8" Brake)

| Plate Ref.<br>Number. | Models.                                 | Part No.       | Description.                                           | Number<br>per set. |
|-----------------------|-----------------------------------------|----------------|--------------------------------------------------------|--------------------|
| 21                    | ... M20, M21, M33<br>(rigid and spring) | ... 67-5555/21 | Front brake cover plate with fixed fittings            | 1                  |
| 22                    | ... M20, M21, M33<br>(rigid and spring) | ... 2-49       | Front brake anchor strap nut (1955)                    | 1                  |
| 23                    | ... M20, M21, M33<br>(rigid and spring) | ... 36-382     | Front brake anchor strap nut washer (1955)             | 2                  |
| 24                    | ... M20, M21, M33<br>(rigid and spring) | ... 67-5578    | Front brake anchor strap                               | 1                  |
| 25                    | ... M20, M21, M33<br>(rigid and spring) | ... 32-194     | Front brake anchor strap and mudguard bridge bolt      | 2                  |
| 26                    | ... M20, M21, M33<br>(rigid and spring) | ... 15-716     | Front brake cover plate and anchor strap spring washer | 1                  |
| 27                    | ... M20, M21, M33<br>(rigid and spring) | ... 15-541     | Front brake cover plate and anchor strap nut           | 1                  |
| 28                    | ... M20, M21, M33<br>(rigid and spring) | ... 25-6014    | Front brake fulcrum and adjusting pin washer           | 1                  |
| 29                    | ... M20, M21, M33<br>(rigid and spring) | ... 35-37      | Front brake fulcrum and adjusting pin spring washer    | 1                  |
| 30                    | ... M20, M21, M33<br>(rigid and spring) | ... 2-2527     | Front brake fulcrum and adjusting pin nut              | 1                  |
| 31                    | ... M20, M21, M33<br>(rigid and spring) | ... 29-5871    | Front brake lever toggle                               | 1                  |
| 32                    | ... M20, M21, M33<br>(rigid and spring) | ... 2-443      | Front brake lever toggle nut                           | 1                  |
| 33                    | ... M20, M21, M33<br>(rigid and spring) | ... 2-1462     | Front brake lever toggle washer                        | 1                  |
| 34                    | ... M20, M21, M33<br>(rigid and spring) | ... 2-510      | Front brake lever toggle screw                         | 1                  |
| 35                    | ... M20, M21, M33<br>(rigid and spring) | ... 2-440      | Front brake shoe cam nut                               | 1                  |
| 36                    | ... M20, M21, M33<br>(rigid and spring) | ... 66-4708    | Front brake shoe cam washer                            | 1                  |
| 37                    | ... M20, M21, M33<br>(rigid and spring) | ... 15-431     | Front brake shoe cam washer (plain)                    | 1                  |
| 38                    | ... M20, M21, M33<br>(rigid and spring) | ... 65-5907    | Front brake operating lever                            | 1                  |
| 39                    | ... M20, M21, M33<br>(rigid and spring) | ... 23-2080    | Front brake fulcrum pin grease nipple                  | 1                  |
| 40                    | ... M20, M21, M33<br>(rigid and spring) | ... 67-5567    | Front brake cam bearing                                | 1                  |
| 41                    | ... M20, M21, M33<br>(rigid and spring) | ... 67-5572    | Front brake shoe cam complete                          | 1                  |
| 42                    | ... M20, M21, M33<br>(rigid and spring) | ... 67-5558    | Front brake shoe with lining                           | 2                  |

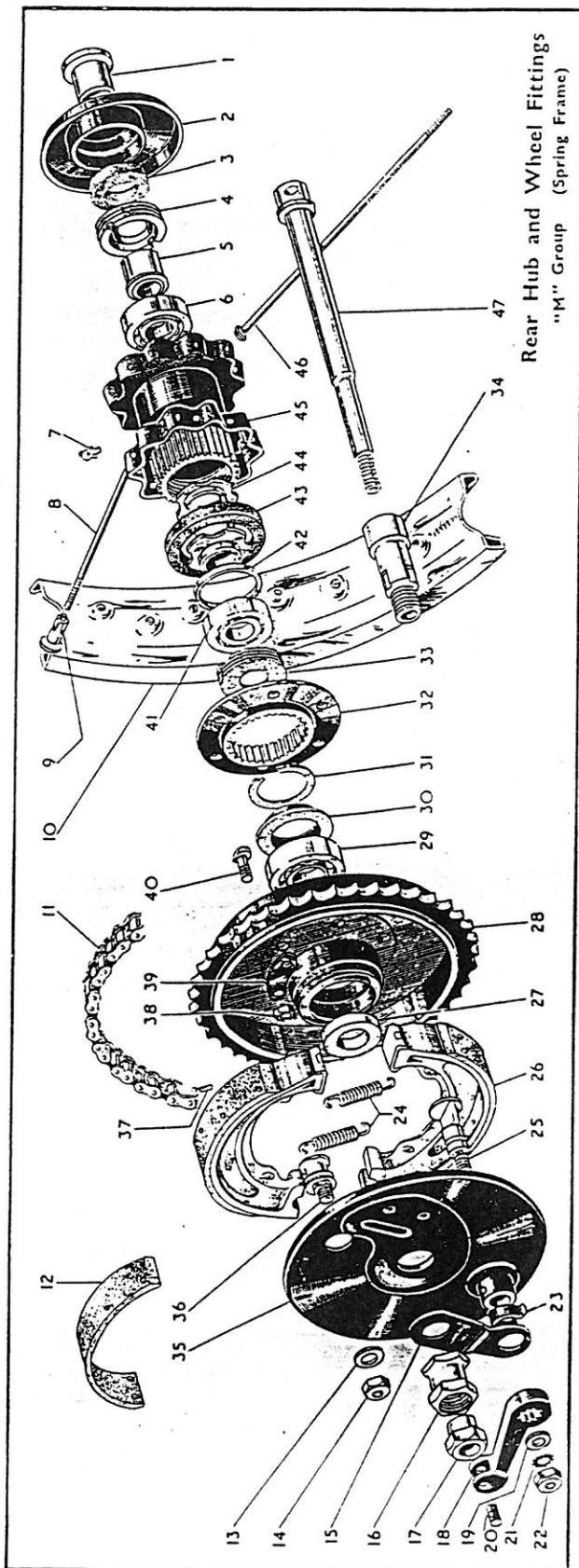
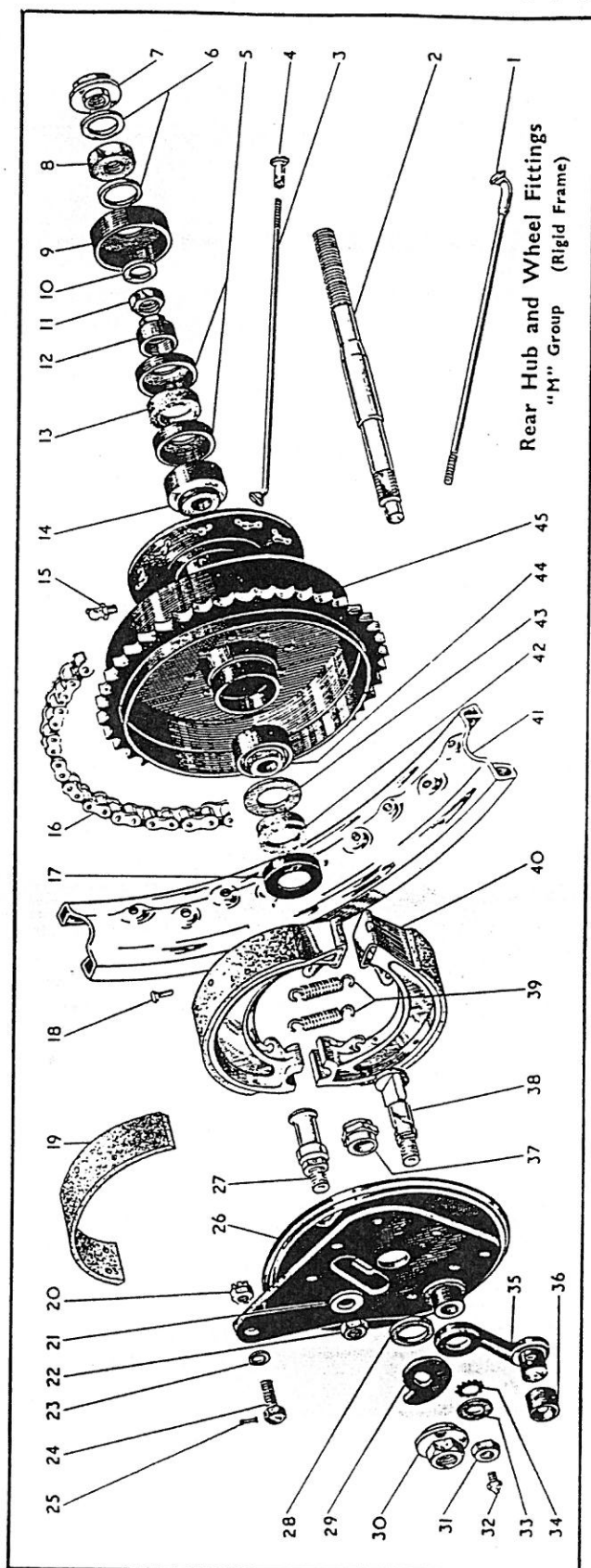
## Plate 12

## REAR HUB and WHEEL FITTINGS

"M" Group (Rigid Frame)

| Plate Ref.<br>Number. | Model.            | Part No.    | Description.                              | Number<br>per set. |
|-----------------------|-------------------|-------------|-------------------------------------------|--------------------|
| —                     | ... M20, M21, M33 | ... 66-6076 | Rear wheel complete (less brake and tyre) | 1                  |
| —                     | ... M21 AA        | ... 66-6268 | Rear wheel complete (less brake and tyre) | 1                  |
| 1                     | ... M20, M21, M33 | ... 15-7037 | Rear wheel spoke (left-hand)              | 20                 |
| 2                     | ... M20, M21, M33 | ... 66-6265 | Rear hub spindle                          | 1                  |
| 3                     | ... M20, M21, M33 | ... 24-6896 | Rear wheel spoke (right-hand)             | 20                 |
| 4                     | ... M20, M21, M33 | ... 27-6812 | Rear wheel spoke nipple                   | 40                 |
| 5                     | ... M20, M21, M33 | ... 24-6846 | Rear hub felt washer retaining cup        | 2                  |
| 6                     | ... M20, M21, M33 | ... 66-6274 | Rear hub washer                           | 2                  |
| 7                     | ... M20, M21, M33 | ... 24-7133 | Rear hub spindle nut                      | 1                  |
| 8                     | ... M20, M21, M33 | ... 66-6273 | Rear hub locknut                          | 1                  |
| 9                     | ... M20, M21, M33 | ... 66-5541 | Rear hub barrel cap                       | 1                  |
| 10                    | ... M20, M21, M33 | ... 66-5524 | Rear hub washer (steel)                   | 1                  |
| 11                    | ... M20, M21, M33 | ... 24-898  | Rear hub adjusting sleeve locknut         | 1                  |
| 12                    | ... M20, M21, M33 | ... 24-6867 | Rear hub adjusting sleeve                 | 1                  |
| 13                    | ... M20, M21, M33 | ... 66-5525 | Rear hub felt washer                      | 1                  |
| 14                    | ... M20, M21, M33 | ... 24-6860 | Rear hub bearing                          | 1                  |





Rear Hub  
and Wheel  
Fittings

Mudguards  
Oil Tank  
Toolbox and  
Chainguards

Petrol Tank  
Handlebar  
Dual Seat  
Battery Carrier  
and Silencer

ear Mudguard  
Toolbox  
Chainguards  
Rear Brake  
Control  
and Silencer

Special  
Components  
as supplied to  
Automobile  
Association

Legshields

Tools and  
Sundries

Electrical  
Equipment

Front and Rea  
Safety Bars.  
Safety Bars  
and Legshields

Sidcar  
Chassis

Carrier a  
Pannier

## Plate 12—continued

## REAR HUB and WHEEL FITTINGS

"M" Group (Rigid Frame)

| Plate Ref.<br>Number. | Models.       | Part No.  | Description.                                   | Number<br>per set |
|-----------------------|---------------|-----------|------------------------------------------------|-------------------|
| 15                    | M20, M21, M33 | 28-2080   | Rear hub grease nipple                         | 1                 |
| 16                    | M20, M21, M33 | 24-8713   | Transmission chain (rear)                      | 1                 |
| 17                    | M20, M21, M33 | 24-6846   | Rear hub felt washer retaining cup             | 1                 |
| 18                    | M20, M21, M33 | 35-6436   | Rear brake shoe rivets                         | 14                |
| 19                    | M20, M21, M33 | 35-6432   | Rear brake shoe lining                         | 2                 |
| 20                    | M20, M21, M33 | 15-1166   | Rear brake anchor bolt nut                     | 1                 |
| 21                    | M20, M21, M33 | 66-6098   | Rear brake cover plate with fixed fittings     | 1                 |
| 22                    | M20, M21, M33 | 15-1455   | Rear brake fulcrum pin nut                     | 1                 |
| 23                    | M20, M21, M33 | 2-2138    | Rear brake anchor bolt washer                  | 1                 |
| 24                    | M20, M21, M33 | 24-209    | Rear brake anchor bolt                         | 1                 |
| 25                    | M20, M21, M33 | 66-6257   | Rear brake anchor bolt split pin               | 1                 |
| 26                    | M20, M21, M33 | 33-5545   | Rear brake fulcrum pin washer                  | 1                 |
| 27                    | M20, M21, M33 | 33-5544   | Rear brake fulcrum pin                         | 1                 |
| 28                    | M20, M21, M33 | 66-6274   | Rear hub washer                                | 1                 |
| 29                    | M20, M21, M33 | 66-6256   | Rear wheel adjusting plate                     | 1                 |
| 30                    | M20, M21, M33 | 24-7133   | Rear hub spindle nut                           | 1                 |
| 31                    | M20, M21, M33 | 2-440     | Rear brake operating rod nut                   | 1                 |
| 32                    | M20, M21, M33 | 28-2080   | Rear brake cam grease nipple                   | 1                 |
| 33                    | M20, M21, M33 | 15-431    | Rear brake operating lever washer (plain)      | 1                 |
| 34                    | M20, M21, M33 | 66-4708   | Rear brake operating lever washer (shakeproof) | 1                 |
| 35                    | M20, M21, M33 | 15-7961   | Rear brake operating lever complete            | 1                 |
| 36                    | M20, M21, M33 | 65-7037   | Rear brake operating rod bush                  | 1                 |
| 37                    | M20, M21, M33 | 66-6255   | Rear hub bearing locknut                       | 1                 |
| 38                    | M20, M21, M33 | 24-7127   | Rear brake cam complete                        | 1                 |
| 39                    | M20, M21, M33 | 35-6440   | Rear brake shoe spring                         | 2                 |
| 40                    | M20, M21, M33 | 35-9235   | Rear brake shoe complete                       | 2                 |
| 41                    | M20, M21, M33 | 66-6077   | Rear wheel rim                                 | 1                 |
| 41                    | M21 A.A.      | 66-6054   | Rear wheel rim                                 | 1                 |
| 41                    | M20, M21, M33 | 66-6054/3 | Rear wheel rim (up to 1955)                    | 1                 |
| 42                    | M20, M21, M33 | 66-5525   | Rear hub felt washer                           | 1                 |
| 43                    | M20, M21, M33 | 29-5841   | Rear hub retaining washer                      | 1                 |
| 44                    | M20, M21, M33 | 24-6860   | Rear hub bearing                               | 1                 |
| 45                    | M20, M21, M33 | 66-6259   | Rear hub shell complete with bearings          | 1                 |

## Plate 13.

## REAR HUB and WHEEL FITTINGS

"M" Group (Spring Frame).

| Plate Ref.<br>Number. | Model.        | Part No.  | Description.                                 | Number<br>per set |
|-----------------------|---------------|-----------|----------------------------------------------|-------------------|
| 1                     | M20, M21, M33 | 67-6066   | Hub distance piece (R/H)                     | 1                 |
| 2                     | M20, M21, M33 | 67-6128   | Rear hub shell cover assembly                | 1                 |
| 3                     | M20, M21, M33 | 67-6075   | Rear hub felt washer                         | 1                 |
| 4                     | M20, M21, M33 | 67-6076   | Rear hub bearing lockring                    | 1                 |
| 5                     | M20, M21, M33 | 67-6077   | Hub collar (right-hand)                      | 1                 |
| 6                     | M20, M21, M33 | 65-5883   | Rear hub bearing                             | 1                 |
| 7                     | M20, M21, M33 | 15-5290   | Rear hub grease nipple                       | 1                 |
| 8                     | M20, M21, M33 | 67-6017   | Rear wheel spoke (nearside)                  | 20                |
| 9                     | M20, M21, M33 | 27-6813   | Rear wheel spoke nipple                      | 40                |
| 10                    | M20, M21, M33 | 67-6012   | Rear wheel complete (less brake and tyre)    | 1                 |
| 11                    | M20, M21, M33 | 67-6005/3 | Rear wheel rim                               | 1                 |
| 12                    | M20, M21, M33 | 66-9162   | Transmission chain (rear)                    | 1                 |
| 13                    | M20, M21, M33 | 65-5903   | Rear brake shoe lining                       | 2                 |
| 14                    | M20, M21, M33 | 24-8045   | Rear brake fulcrum pin washer (serrated)     | 1                 |
| 15                    | M20, M21, M33 | 24-5860   | Rear brake fulcrum pin nut                   | 1                 |
| 16                    | M20, M21, M33 | 67-6081   | Brake lever steady strap                     | 1                 |
| 17                    | M20, M21, M33 | 67-6074   | Rear hub bearing sleeve nut                  | 1                 |
| 18                    | M20, M21, M33 | 67-6073   | Rear hub spindle nut                         | 1                 |
| 19                    | M20, M21, M33 | 65-6279   | Rear brake operating lever                   | 1                 |
| 20                    | M20, M21, M33 | 15-431    | Rear brake operating rod washer (plain)      | 1                 |
| 21                    | M20, M21, M33 | 65-6274   | Rear brake rod swivel pin                    | 1                 |
| 22                    | M20, M21, M33 | 66-4708   | Rear brake operating rod washer (shakeproof) | 1                 |
| 23                    | M20, M21, M33 | 2-440     | Rear brake operating rod nut                 | 1                 |
| 24                    | M20, M21, M33 | 65-5674   | Rear brake cam oil hole clip                 | 1                 |
| 24                    | M20, M21, M33 | 65-5904   | Rear brake shoe spring                       | 2                 |
| 25                    | M20, M21, M33 | 65-5905   | Rear brake cam complete                      | 1                 |



## Plate 13—continued

## REAR HUB and WHEEL FITTINGS

"M" Group (Spring Frame)

| Plate Ref.<br>Number. | Model.            | Part No.    | Description.                                            | Number<br>per set. |
|-----------------------|-------------------|-------------|---------------------------------------------------------|--------------------|
| 26                    | ... M20, M21, M33 | ... 65-5901 | Rear brake shoe complete                                | 2                  |
| 27                    | ... M20, M21, M33 | ... 67-6078 | Hub collar (left-hand) (up to 1955)                     | 2                  |
| 28                    | ... M20, M21, M33 | ... 65-6294 | Brake drum and chainwheel                               | 1                  |
| 29                    | ... M20, M21, M33 | ... 89-3022 | Brake drum and chainwheel ball bearing                  | 1                  |
| 30                    | ... M20, M21, M33 | ... 67-6072 | Ball bearing shim                                       | 1                  |
| 31                    | ... M20, M21, M33 | ... 67-6067 | Ball bearing retaining ring                             | 1                  |
| 32                    | ... M20, M21, M33 | ... 67-6101 | Driving flange                                          | 1                  |
| 33                    | ... M20, M21, M33 | ... 67-6076 | Rear hub bearing lockring                               | 1                  |
| 34                    | ... M20, M21, M33 | ... 67-6060 | Rear hub bearing sleeve                                 | 1                  |
| 35                    | ... M20, M21, M33 | ... 67-6085 | Rear brake cover plate with fixed fittings (up to 1955) | 1                  |
| 36                    | ... M20, M21, M33 | ... 65-5899 | Rear brake fulcrum pin                                  | 1                  |
| 37                    | ... M20, M21, M33 | ... 35-6436 | Rear brake shoe rivets                                  | 14                 |
| 38                    | ... M20, M21, M33 | ... 2-452   | Rear hub chainwheel bolt nut                            | 6                  |
| 39                    | ... M20, M21, M33 | ... 67-6039 | Rear hub chainwheel bolt lockstrip                      | 3                  |
| 40                    | ... M20, M21, M33 | ... 67-6038 | Rear hub chainwheel bolt                                | 6                  |
| 41                    | ... M20, M21, M33 | ... 65-5883 | Rear hub bearing                                        | 1                  |
| 42                    | ... M20, M21, M33 | ... 65-5884 | Rear hub bearing thrust washer                          | 1                  |
| 43                    | ... M20, M21, M33 | ... 67-6051 | Rear hub shell washer (rubber)                          | 1                  |
| 44                    | ... M20, M21, M33 | ... 67-6061 | Hub bearing distance tube and retainers                 | 1                  |
| 45                    | ... M20, M21, M33 | ... 67-6126 | Rear hub shell complete with bearings                   | 1                  |
| 46                    | ... M20, M21, M33 | ... 67-6016 | Rear wheel spoke (offside)                              | 20                 |
| 47                    | ... M20, M21, M33 | ... 67-6164 | Rear hub spindle                                        | 1                  |

## Plate 14

## Mudguards, Oil Tank, Toolbox and Chainguards

"M" Group

| Plate Ref.<br>Number. | Model.                                  | Part No.    | Description.                                       | Number<br>per set. |
|-----------------------|-----------------------------------------|-------------|----------------------------------------------------|--------------------|
| 1                     | ... M20, M21, M33<br>(rigid)            | ... 1-4606  | Bottom chainguard fixing screw                     | 3                  |
| 2                     | ... M20, M21, M33<br>(rigid)            | ... 26-9461 | Bottom chainguard fixing screw washer (plain)      | 3                  |
| 3                     | ... M20, M21, M33<br>(rigid)            | ... 29-3319 | Bottom chainguard fixing screw washer (shakeproof) | 3                  |
| 4                     | ... M20, M21, M33<br>(rigid)            | ... 25-7151 | Bottom chainguard fixing screw nut                 | 3                  |
| 5                     | ... M20, M21, M33<br>(rigid)            | ... 15-8833 | Bottom chainguard                                  | 1                  |
| 6                     | ... M20, M21, M33<br>(rigid)            | ... 29-541  | Rear chainguard securing washer (shakeproof)       | 1                  |
| 7                     | ... M20, M21, M33<br>(rigid)            | ... 2-51    | Rear chainguard securing nut                       | 1                  |
| 8                     | ... M20, M21, M33<br>(rigid and spring) | ... 15-447  | Front stand mudguard fixing bolt nut               | 2                  |
| 9                     | ... M20, M21, M33<br>(rigid and spring) | ... 65-6608 | Front stand complete (up to 1955)                  | 1                  |
| 9                     | ... M20, M21, M33<br>(rigid and spring) | ... 67-6530 | Front stand complete                               | 1                  |
| 10                    | ... M20, M21, M33<br>(rigid and spring) | ... 2-1934  | Front stand fork and fixing bolt                   | 2                  |
| 11                    | ... M20, M21, M33<br>(rigid and spring) | ... 15-7354 | Mudguard stay and fork end bolt                    | 2                  |
| 12                    | ... M20, M21, M33<br>(rigid and spring) | ... 65-6607 | Front mudguard stay (up to 1955)                   | 1                  |
| 12                    | ... M20, M21, M33<br>(rigid and spring) | ... 67-6544 | Front mudguard stay                                | 1                  |
| —                     | ... M20, M21, M33<br>(rigid and spring) | ... 67-6546 | Front mudguard bridge stay insulator (rubber)      | 2                  |
| —                     | ... M20, M21, M33<br>(rigid and spring) | ... 67-6547 | Front mudguard bridge stay insulator (rubber)      | 2                  |
| 13                    | ... M20, M21, M33<br>(rigid and spring) | ... 24-8784 | Front stand fork end fixing bolt washer (spring)   | 2                  |
| 14                    | ... M20, M21, M33<br>(rigid and spring) | ... 2-1616  | Front stand fork end fixing bolt nut               | 2                  |

Mudguards  
Oil Tank  
Toolbox and  
ChainguardsPetrol Tank  
Handlebar  
Dual Seat  
Battery Carrier  
and Silencerear Mudguard  
Toolbox  
Chainguards  
Rear Brake  
Control  
and SilencerSpecial  
Components  
as supplied to  
Automobile  
Association

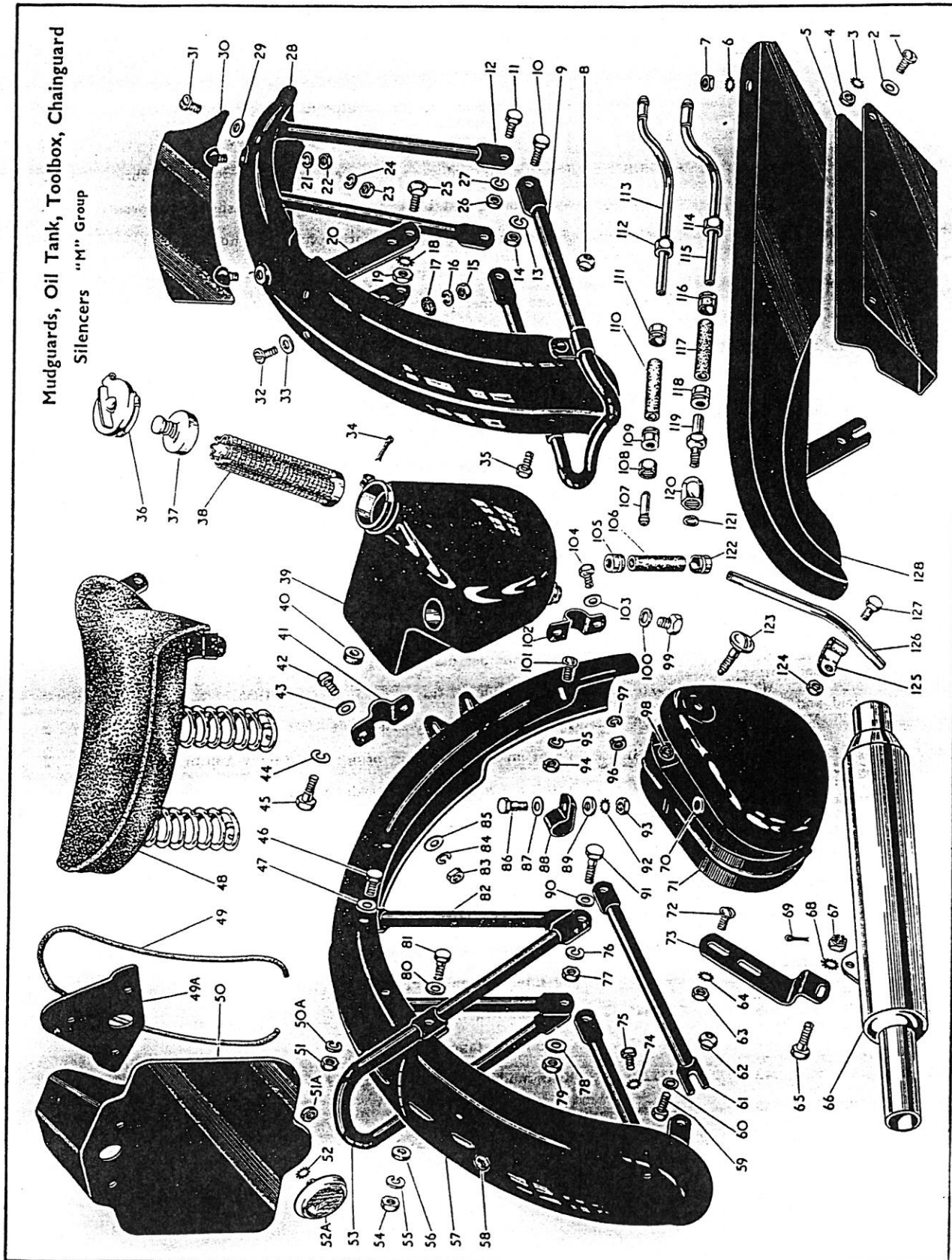
Legshields

Tools and  
SundriesElectrical  
EquipmentFront and Rear  
Safety Bars  
Safety Bars  
and LegshieldsSidecar  
ChassisCarrier and  
Pannier



| Plate Ref.<br>Number. | Models.                             | Part No. | Description.                                               | Number<br>per set. |
|-----------------------|-------------------------------------|----------|------------------------------------------------------------|--------------------|
| 15                    | M20, M21, M33<br>(rigid and spring) | 2-2395   | Front mudguard support bridge fixing screw nut             | 2                  |
| 16                    | M20, M21, M33<br>(rigid and spring) | 2-1462   | Front mudguard support bridge fixing screw washer (spring) | 2                  |
| 17                    | M20, M21, M33<br>(rigid and spring) | 66-7518  | Front mudguard support bridge fixing screw washer (fibre)  | 2                  |
| 18                    | M20, M21, M33<br>(rigid and spring) | 36-382   | Front mudguard bridge fork fixing bolt washer (shakeproof) | 4                  |
| 19                    | M20, M21, M33<br>(rigid and spring) | 2-49     | Front mudguard bridge fork fixing bolt nut                 | 4                  |
| 20                    | M20, M21, M33<br>(rigid and spring) | 65-6623  | Front mudguard support bridge                              | 1                  |
| 21                    | M20, M21, M33<br>(rigid and spring) | 2-1462   | Front number plate fixing stud washer (spring)             | 2                  |
| 22                    | M20, M21, M33<br>(rigid and spring) | 2-2395   | Front number plate fixing stud nut                         | 2                  |
| 23                    | M20, M21, M33<br>(rigid and spring) | 2-2395   | Front mudguard stay fixing bolt nut                        | 2                  |
| 24                    | M20, M21, M33<br>(rigid and spring) | 2-1462   | Front mudguard stay fixing bolt washer (spring)            | 2                  |
| 25                    | M20, M21, M33<br>(rigid and spring) | 28-2338  | Front mudguard bridge fork fixing bolt                     | 2                  |
| 25                    | M20, M21, M33<br>(rigid and spring) | 15-7354  | Front mudguard stay fork end fixing bolt                   | 2                  |
| 26                    | M20, M21, M33<br>(rigid and spring) | 2-1616   | Mudguard stay fork and fixing bolt nut                     | 2                  |
| 27                    | M20, M21, M33<br>(rigid and spring) | 24-8784  | Mudguard stay fork end fixing bolt washer (spring)         | 2                  |
| 28                    | M20, M21, M33<br>(rigid and spring) | 65-6605  | Front mudguard with fixed fittings (up to 1955)            | 1                  |
| 28                    | M20, M21, M33<br>(rigid and spring) | 67-6543  | Front mudguard with fixed fittings...                      | 1                  |
| 29                    | M20, M21, M33<br>(rigid and spring) | 27-8560  | Front mudguard stay fixing bolt washer                     | 2                  |
| 30                    | M20, M21, M33<br>(rigid and spring) | 65-6576  | Front number plate complete                                | 1                  |
| 31                    | M20, M21, M33<br>(rigid and spring) | 15-7161  | Front mudguard stay fixing bolt (up to 1955)               | 2                  |
| 31                    | M20, M21, M33<br>(spring)           | 2-220    | Front mudguard stay fixing bolt                            | 2                  |
| 32                    | M20, M21, M33<br>(rigid and spring) | 15-7161  | Front mudguard support bridge fixing screw (up to 1955)    | 2                  |
| 32                    | M20, M21, M33<br>(rigid and spring) | 2-220    | Front mudguard support bridge fixing bolt                  | 2                  |
| 33                    | M20, M21, M33<br>(rigid and spring) | 27-8560  | Front mudguard support bridge fixing screw washer          | 2                  |
| 34                    | M20, M21, M33<br>(rigid and spring) | 35-707   | Oil tank filler cap split pin...                           | 1                  |
| 35                    | M20, M21, M33<br>(rigid and spring) | 2-1354   | Front stand mudguard fixing bolt...                        | 2                  |
| 36                    | M20, M21, M33<br>(rigid and spring) | 66-8351  | Oil tank filler cap                                        | 1                  |
| 37                    | M20, M21, M33<br>(rigid and spring) | 66-8358  | Oil filter cap (top) complete                              | 1                  |
| 38                    | M20, M21, M33<br>(rigid and spring) | 66-8359  | Oil filter element complete                                | 1                  |
| 39                    | M20, M21, M33<br>(rigid and spring) | 65-8442  | Oil tank with fixed fittings                               | 1                  |
| 40                    | M20, M21, M33<br>(rigid and spring) | 66-8347  | Oil tank distance collar                                   | 3                  |
| 41                    | M20, M21, M33<br>(rigid)            | 2-2276   | Rear mudguard backstay bridge clip                         | 1                  |
| 42                    | M20, M21, M33<br>(rigid)            | 2-204    | Rear mudguard backstay bridge clip bolt                    | 2                  |
| 43                    | M20, M21, M33<br>(rigid)            | 27-8560  | Rear mudguard backstay bridge clip bolt washer             | 2                  |
| 44                    | M20, M21, M33<br>(rigid and spring) | 24-8784  | Oil tank fixing bolt washer (spring)                       | 3                  |
| 45                    | M20, M21, M33<br>(rigid and spring) | 15-480   | Oil tank fixing bolt                                       | 3                  |

Plate 14 MUDGUARDS, OIL TANK, TOOLBOX and CHAINGUARDS  
"M" Group



Mudguards, Oil Tank, Toolbox, Chainguard  
Silencers "M" Group

Petrol Tank  
Handlebar  
Dual Seat  
Battery Carrier  
and Silencer

ear Mudguard  
Toolbox  
Chainguards  
Rear Brake  
Control  
and Silencer

Special  
Components  
as supplied to  
Automobile  
Association

Legshields

Tools and  
Sundries

Electrical  
Equipment

Front and Rear  
Safety Bars,  
Safety Bars  
and Legshields

Sidecar  
Chassis

Carrier a  
Pannier



| Plate Ref.<br>Number. | Model.                              | Part No. | Description.                                                                 | Number<br>per set. |
|-----------------------|-------------------------------------|----------|------------------------------------------------------------------------------|--------------------|
| 46                    | M20, M21, M33<br>(rigid)            | 2-204    | Rear mudguard upright stay fixing bolt                                       | 2                  |
| 47                    | M20, M21, M33<br>(rigid)            | 27-8560  | Rear mudguard upright stay fixing bolt washer                                | 2                  |
| 48                    | M20, M21, M33<br>(spring)           | 66-9207  | Saddle                                                                       | 1                  |
| 48                    | M20, M21, M33<br>(rigid)            | 66-9206  | Saddle                                                                       | 1                  |
| 49                    | M20, M21, M33<br>(rigid and spring) | 67-6851  | Rear number plate rubber extrusion                                           | 1                  |
| 49A                   | M20, M21, M33<br>(rigid)            | 66-6820  | Reflector mounting plate (1955)                                              | 1                  |
| 50                    | M20, M21, M33<br>(spring)           | 67-6885  | Rear number plate complete                                                   | 1                  |
| 50                    | M20, M21, M33<br>(rigid and spring) | 67-6830  | Rear number plate complete (drilled with small hole for reflector)<br>(1955) | 1                  |
| —                     | M20, M21, M33<br>(rigid and spring) | 2-220    | Rear number plate fixing bolt                                                | 4                  |
| —                     | M20, M21, M33<br>(rigid and spring) | 2-1462   | Rear number plate fixing bolt washer (spring)                                | 4                  |
| —                     | M20, M21, M33<br>(rigid and spring) | 27-8560  | Rear number plate fixing bolt washer (plain)                                 | 4                  |
| 50                    | M20, M21, M33<br>(rigid)            | 67-6830  | Rear number plate complete                                                   | 1                  |
| 50A                   | M20, M21, M33<br>(rigid)            | 2-1462   | Rear mudguard upright stay fixing bolt washer (spring)                       | 2                  |
| 51                    | M20, M21, M33<br>(rigid)            | 2-2395   | Rear mudguard upright stay fixing bolt nut                                   | 2                  |
| 51A                   | M20, M21, M33<br>(rigid and spring) | 21-5102  | Rear reflector nut (1955)                                                    | 1                  |
| 52                    | M20, M21, M33<br>(rigid and spring) | 29-541   | Rear reflector washer (shakeproof) (1955)                                    | 1                  |
| 52A                   | M20, M21, M33<br>(rigid and spring) | 67-9069  | Rear reflector (1955)                                                        | 1                  |
| 53                    | M20, M21, M33<br>(rigid)            | 66-6947  | Rear mudguard lifting handle complete (up to 1955)                           | 1                  |
| —                     | M20, M21, M33<br>(rigid)            | 66-6949  | Rear mudguard lifting handle                                                 | 1                  |
| 54                    | M20, M21, M33<br>(rigid)            | 2-49     | Rear mudguard lifting stay top bolt nut                                      | 2                  |
| 55                    | M20, M21, M33<br>(rigid)            | 24-8784  | Rear mudguard lifting stay top bolt washer (spring)                          | 2                  |
| 56                    | M20, M21, M33<br>(rigid)            | 15-7563  | Rear mudguard lifting stay packing piece                                     | 2                  |
| 57                    | M20, M21, M33<br>(rigid)            | 66-6833  | Rear mudguard with fixed fittings                                            | 1                  |
| 58                    | M20, M21, M33<br>(rigid and spring) | 67-6839  | Rear mudguard tail wiring grommet                                            | 2                  |
| 59                    | M20, M21, M33<br>(rigid)            | 2-1354   | Rear mudguard bottom bridge bolt                                             | 2                  |
| 60                    | M20, M21, M33<br>(rigid)            | 2-525    | Rear mudguard bottom bridge bolt washer                                      | 2                  |
| 61                    | M20, M21, M33<br>(rigid)            | 66-6891  | Mudguard bottom stay                                                         | 2                  |
| 62                    | M20, M21, M33<br>(rigid)            | 15-447   | Rear mudguard bottom bridge bolt nut                                         | 2                  |
| 63                    | M20, M21, M33<br>(rigid)            | 2-51     | Toolbox strap bolt nut                                                       | 2                  |
| 64                    | M20, M21, M33<br>(rigid)            | 29-541   | Toolbox strap bolt washer (shakeproof)                                       | 2                  |
| 65                    | M20, M21, M33<br>(rigid)            | 15-480   | Silencer fixing bolt                                                         | 1                  |
| 66                    | M20, M21<br>(rigid)                 | 66-2865  | Silencer complete                                                            | 1                  |
| 67                    | M20, M21, M33<br>(rigid)            | 66-2810  | Silencer fixing bolt nut                                                     | 1                  |
| 68                    | M20, M21, M33<br>(rigid)            | 36-382   | Silencer fixing bolt washer (shakeproof)                                     | 1                  |
| 69                    | M20, M21, M33<br>(rigid)            | 35-698   | Silencer fixing bolt split pin                                               | 1                  |
| 70                    | M20, M21, M33<br>(rigid)            | 2-2899   | Toolbox clip bolt washer (inside box)                                        | 1                  |



| Plate Ref.<br>Number. | Models.                             | Part No. | Description.                                             | Number<br>per set. |
|-----------------------|-------------------------------------|----------|----------------------------------------------------------|--------------------|
| 71                    | M20, M21, M33<br>(rigid)            | 65-9019  | Toolbox complete                                         | 1                  |
| 72                    | M20, M21, M33<br>(rigid)            | 15-7161  | Toolbox strap bolt                                       | 2                  |
| 73                    | M20, M21, M33<br>(rigid)            | 65-9021  | Toolbox strap                                            | 1                  |
| 74                    | M20, M21, M33<br>(rigid)            | 29-541   | Rear number plate fixing bolt washer (shakeproof)        | 4                  |
| 75                    | M20, M21, M33<br>(rigid and spring) | 2-204    | Rear number plate fixing bolt (up to 1955)               | 4                  |
| 76                    | M20, M21, M33<br>(rigid)            | 24-8784  | Mudguard lifting stay bolt washer (spring) (right-hand)  | 1                  |
| 77                    | M20, M21, M33<br>(rigid)            | 2-49     | Mudguard lifting stay bolt nut (right-hand)              | 1                  |
| 78                    | M20, M21, M33<br>(rigid)            | 2-923    | Mudguard lifting stay bottom stud washer (left-hand)     | 1                  |
| 79                    | M20, M21, M33<br>(rigid)            | 2-49     | Mudguard lifting stay bottom stud nut (left-hand)        | 1                  |
| —                     | M20, M21, M33<br>(rigid)            | 24-5205  | Rear mudguard lifting handle bottom stud (L/H)           | 1                  |
| 80                    | M20, M21, M33<br>(rigid)            | 2-370    | Rear mudguard lifting stay top bolt washer (plain)       | 2                  |
| 81                    | M20, M21, M33<br>(rigid)            | 2-1934   | Rear mudguard lifting stay top bolt                      | 2                  |
| 82                    | M20, M21, M33<br>(rigid)            | 66-6945  | Rear mudguard upright stay (offside)                     | 1                  |
| —                     | M20, M21, M33<br>(rigid)            | 66-6901  | Rear mudguard upright stay (nearside)                    | 1                  |
| —                     | M20, M21, M33<br>(rigid)            | 2S-2338  | Rear chainguard securing bolt (chainstay end)            | 1                  |
| 83                    | M20, M21, M33<br>(rigid)            | 2-51     | Rear mudguard backstay clip bolt nut                     | 2                  |
| 84                    | M20, M21, M33<br>(rigid)            | 2-1462   | Rear mudguard backstay clip bolt washer (spring)         | 2                  |
| 85                    | M20, M21, M33<br>(rigid)            | 2-930    | Rear mudguard backstay clip bolt washer (fibre)          | 2                  |
| 86                    | M20, M21, M33<br>(rigid)            | 24-225   | Toolbox fixing clip bolt                                 | 1                  |
| 87                    | M20, M21, M33<br>(rigid)            | 2-525    | Toolbox fixing clip bolt washer (plain)                  | 1                  |
| 88                    | M20, M21, M33<br>(rigid)            | 27-9001  | Toolbox fixing clip                                      | 1                  |
| 89                    | M20, M21, M33<br>(rigid)            | 2-6537   | Toolbox fixing clip bolt distance piece                  | 1                  |
| 90                    | M20, M21, M33<br>(rigid)            | 2-923    | Mudguard lifting stay bolt washer (plain) (right-hand)   | 1                  |
| 91                    | M20, M21, M33<br>(rigid)            | 15-480   | Mudguard lifting stay bolt (right-hand)                  | 1                  |
| —                     | M20, M21, M33<br>(rigid)            | 65-9053  | Toolbox lid fixing screw support bush                    | 1                  |
| —                     | M20, M21, M33<br>(rigid)            | 65-9153  | Toolbox lid fixing screw strap nut                       | 1                  |
| 92                    | M20, M21, M33<br>(rigid)            | 29-541   | Toolbox fixing clip bolt washer (shakeproof)             | 1                  |
| 93                    | M20, M21, M33<br>(rigid)            | 2-2395   | Toolbox fixing clip bolt nut                             | 1                  |
| 94                    | M20, M21, M33<br>(rigid)            | 2-51     | Toolbox and mudguard fixing bolt nut                     | 1                  |
| 95                    | M20, M21, M33<br>(rigid)            | 2-1462   | Toolbox and mudguard fixing bolt washer (spring)         | 1                  |
| 96                    | M20, M21, M33<br>(rigid)            | 2-51     | Rear mudguard chainstay bridge clip bolt nut             | 2                  |
| 97                    | M20, M21, M33<br>(rigid)            | 2-1462   | Rear mudguard chainstay bridge clip bolt washer (spring) | 2                  |
| 98                    | M20, M21, M33<br>(rigid)            | 2-1027   | Toolbox lid fixing screw nut                             | 1                  |
| 99                    | M20, M21, M33<br>(rigid and spring) | 2-84     | Oil tank drain plug                                      | 1                  |
| 100                   | M20, M21, M33<br>(rigid and spring) | 2-100    | Oil tank drain plug washer                               | 1                  |
| 101                   | M20, M21, M33<br>(rigid)            | 15-7161  | Toolbox and mudguard fixing bolt                         | 1                  |
| 102                   | M20, M21, M33<br>(rigid)            | 24-7385  | Rear mudguard chainstay bridge clip                      | 1                  |

Petrol Tank  
Handlebar  
Dual Seat  
Battery Carrier  
and Silencer

ear Mudguard  
Toolbox  
Chainguards  
Rear Brake  
Control  
and Silencer

Special  
Components  
as supplied to  
Automobile  
Association

Legshields

Tools and  
Sundries

Electrical  
Equipment

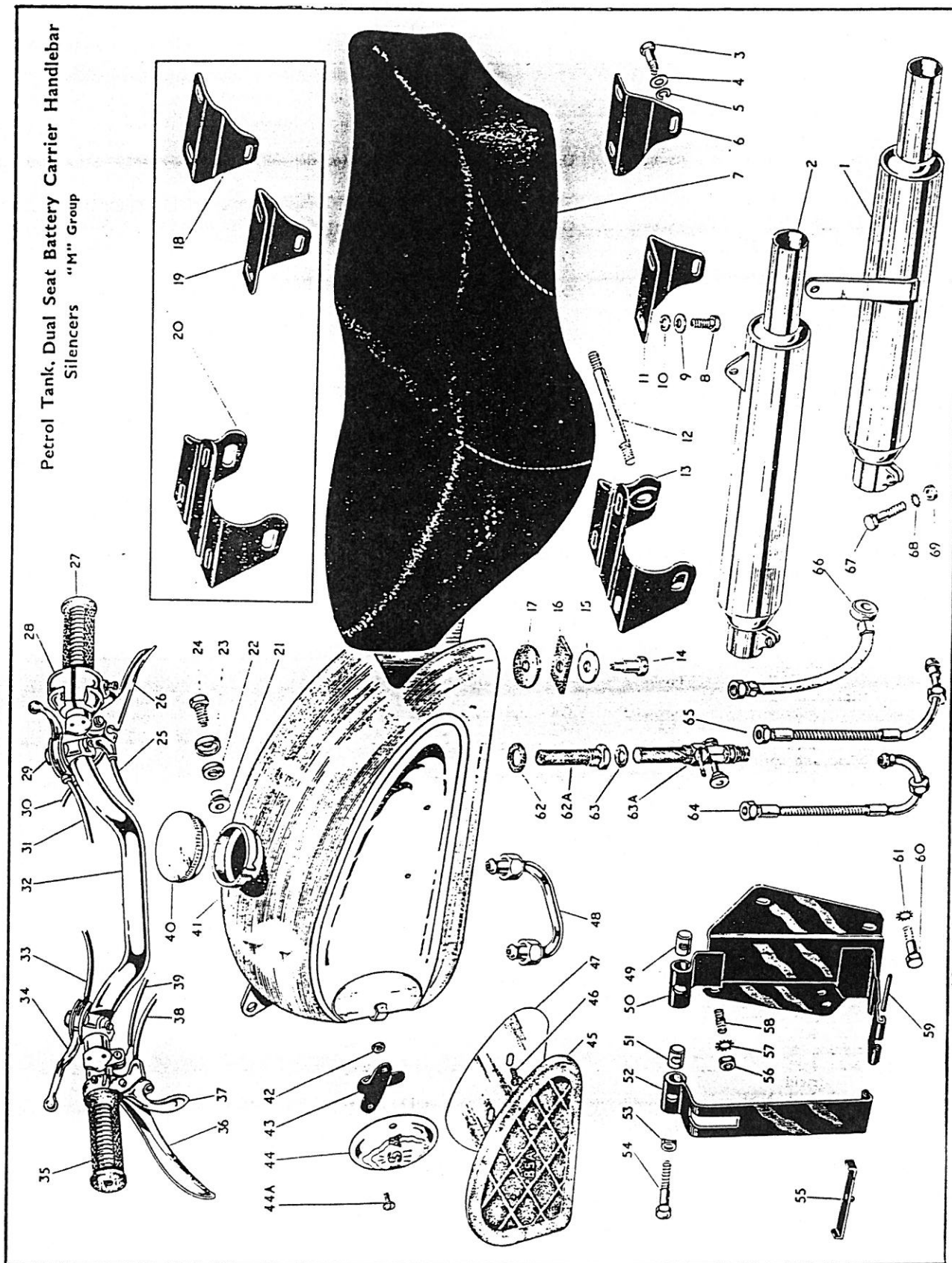
Front and Rear  
Safety Bars,  
Safety Bars  
and Legshields

Sidcar  
Chassis

Carrier a  
Pannier

| Plate Ref.<br>Number. | Model.                                  | Part No.    | Description.                                        | Number<br>per set. |
|-----------------------|-----------------------------------------|-------------|-----------------------------------------------------|--------------------|
| 103                   | ... M20, M21, M33<br>(rigid)            | ... 27-8560 | ... Rear mudguard chainstay bridge clip bolt washer | 2                  |
| 104                   | ... M20, M21, M33<br>(rigid)            | ... 2-204   | ... Rear mudguard chainstay bridge clip bolt        | 2                  |
| 105                   | ... M20, M21, M33<br>(rigid and spring) | ... 65-8422 | ... Oil breather pipe connection ferrule            | 1                  |
| 106                   | ... M20, M21, M33<br>(rigid and spring) | ... 65-2060 | ... Oil breather pipe connection (rubber)           | 1                  |
| 107                   | ... M20, M21<br>(rigid and spring)      | ... 65-8419 | ... Oil supply and return pipe nipple (loose)       | 2                  |
| 107                   | ... M33<br>(rigid and spring)           | ... 65-8419 | ... Oil supply pipe nipple (loose)                  | 1                  |
| 108                   | ... M20, M21<br>(rigid and spring)      | ... 66-8332 | ... Oil pipe nipple nut                             | 2                  |
| 108                   | ... M33<br>(rigid and spring)           | ... 66-8332 | ... Oil supply pipe nipple nut                      | 1                  |
| 109                   | ... M20, M21<br>(rigid and spring)      | ... 65-8422 | ... Oil pipe connection ferrule                     | 2                  |
| 109                   | ... M33<br>(rigid and spring)           | ... 65-8422 | ... Oil supply pipe connection ferrule              | 1                  |
| 110                   | ... M20, M21<br>(rigid and spring)      | ... 65-2060 | ... Oil pipe connection (rubber)                    | 2                  |
| 110                   | ... M33<br>(rigid and spring)           | ... 65-2060 | ... Oil supply pipe connection (rubber)             | 1                  |
| 111                   | ... M20, M21<br>(rigid and spring)      | ... 65-8422 | ... Oil pipe connection ferrule                     | 2                  |
| 111                   | ... M33<br>(rigid and spring)           | ... 65-8422 | ... Oil supply pipe connection ferrule              | 1                  |
| 112                   | ... M20, M21<br>(rigid and spring)      | ... 66-8332 | ... Oil pipe nipple nut                             | 2                  |
| 112                   | ... M33<br>(rigid and spring)           | ... 66-8332 | ... Oil supply pipe nipple nut                      | 1                  |
| —                     | ... M20, M21<br>(rigid and spring)      | ... 66-8406 | ... Oil supply and return pipe assembly             | 2                  |
| —                     | ... M33<br>(rigid and spring)           | ... 66-8406 | ... Oil supply pipe assembly                        | 1                  |
| 113                   | ... M20, M21<br>(rigid and spring)      | ... 66-8402 | ... Oil supply and return pipe (long)               | 2                  |
| 113                   | ... M33<br>(rigid and spring)           | ... 66-8402 | ... Oil supply pipe (long)                          | 1                  |
| 114                   | ... M33<br>(rigid and spring)           | ... 66-8332 | ... Oil return pipe nipple nut                      | 1                  |
| 115                   | ... M33<br>(rigid and spring)           | ... 66-8411 | ... Oil return pipe only                            | 1                  |
| —                     | ... M33<br>(rigid and spring)           | ... 66-8410 | ... Oil return pipe assembly complete               | 1                  |
| 116                   | ... M33<br>(rigid and spring)           | ... 65-8422 | ... Oil return pipe connection ferrule              | 1                  |
| 117                   | ... M33<br>(rigid and spring)           | ... 65-2060 | ... Oil return pipe connection (rubber)             | 1                  |
| 118                   | ... M33<br>(rigid and spring)           | ... 65-8422 | ... Oil return pipe connection ferrule              | 1                  |
| 119                   | ... M33<br>(rigid and spring)           | ... 65-8420 | ... Oil return pipe connection                      | 1                  |
| 120                   | ... M33<br>(rigid and spring)           | ... 65-8424 | ... Oil return pipe nut                             | 1                  |
| 121                   | ... M33<br>(rigid and spring)           | ... 65-8421 | ... Oil return pipe nut washer (fibre)              | 1                  |
| 122                   | ... M20, M21, M33<br>(rigid and spring) | ... 65-8422 | ... Oil breather pipe connection ferrule            | 1                  |
| 123                   | ... M20, M21, M33<br>(rigid)            | ... 29-9132 | ... Toolbox lid fixing screw complete               | 1                  |
| 124                   | ... M20, M21, M33<br>(rigid and spring) | ... 2-2395  | ... Oil tank breather pipe clip bolt nut            | 1                  |
| 125                   | ... M20, M21, M33<br>(rigid and spring) | ... 66-8340 | ... Oil tank breather pipe clip                     | 1                  |
| 126                   | ... M20, M21, M33<br>(rigid and spring) | ... 66-8330 | ... Oil tank breather extension pipe                | 1                  |
| 127                   | ... M20, M21, M33<br>(rigid and spring) | ... 2-204   | ... Oil tank breather pipe clip bolt                | 1                  |
| 128                   | ... M20, M21, M33<br>(rigid)            | ... 66-7806 | ... Rear chainguard complete                        | 1                  |

Plate 15 Petrol Tank, Handlebar, Dual Seat, Battery Carrier and Silencers  
"M" Group



Petrol Tank, Dual Seat Battery Carrier Handlebar  
Silencers "M" Group

Petrol Tank  
Handlebar  
Dual Seat  
Battery Carrier  
and Silencer

ear Mudguard  
Toolbox  
Chainguards  
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Tools and  
Sundries

Electrical  
Equipment

Front and Rear  
Safety Bars,  
Safety Bars  
and Legshields

Sidcar  
Chassis

Carrier  
Pannier



Plate 15      Petrol Tank, Handlebar, Dual Seat, Battery Carrier and Silencers  
"M" Group.

| Plate Ref.<br>Number. | Model.                              | Part No. | Description.                                                     | Number<br>per set. |
|-----------------------|-------------------------------------|----------|------------------------------------------------------------------|--------------------|
| 1                     | M33 (rigid)                         | 66-2865  | Silencer complete                                                | 1                  |
| 1                     | M33 (rigid)                         | 66-2991  | Silencer complete (1955)                                         | 1                  |
| 2                     | M33 (spring)                        | 66-2670  | Silencer complete                                                | 1                  |
| 3                     | M20, M21, M33<br>(rigid and spring) | 27-6037  | Dual seat to mudguard fixing bolt                                | 2                  |
| 4                     | M20, M21, M33<br>(rigid and spring) | 2-923    | Dual seat to mudguard fixing bolt washer (plain)                 | 2                  |
| 5                     | M20, M21, M33<br>(rigid and spring) | 35-33    | Dual seat to mudguard bolt washer (spring)                       | 2                  |
| 6                     | M20, M21, M33<br>(rigid)            | 67-9094  | Dual seat rear support bracket (offside)                         | 1                  |
| 7                     | M20, M21, M33<br>(rigid and spring) | 67-9087  | Dual seat complete (less fittings)                               | 1                  |
| 8                     | M20, M21, M33<br>(rigid and spring) | 2-129    | Dual seat fixing bolt...                                         | 7                  |
| 9                     | M20, M21, M33<br>(rigid and spring) | 2-923    | Dual seat fixing bolt washer (plain)                             | 7                  |
| 10                    | M20, M21, M33<br>(rigid and spring) | 35-33    | Dual seat fixing bolt washer (spring)                            | 7                  |
| 11                    | M20, M21, M33<br>(rigid)            | 67-9093  | Dual seat rear support bracket (nearside)                        | 1                  |
| 12                    | M20, M21, M33<br>(rigid and spring) | 67-9095  | Backstay and seat lug stud                                       | 1                  |
| 13                    | M20, M21, M33<br>(rigid)            | 66-9244  | Dual seat front support bracket                                  | 1                  |
| —                     | M20, M21, M33<br>(rigid and spring) | 66-9247  | Dual seat complete with fittings                                 | 1                  |
| —                     | M20, M21, M33<br>(rigid and spring) | 66-9249  | Dual seat fittings only (sets)                                   | 1                  |
| 14                    | M20, M21, M33<br>(rigid and spring) | 65-8034  | Petrol tank rear fixing bolt                                     | 2                  |
| 15                    | M20, M21, M33<br>(rigid and spring) | 30-660   | Petrol tank rear fixing bolt washer (plain)                      | 2                  |
| 16                    | M20, M21, M33<br>(rigid and spring) | 65-8032  | Petrol tank rear support bolt rubber (bottom)                    | 2                  |
| 17                    | M20, M21, M33<br>(rigid and spring) | 66-8091  | Petrol tank rear support bolt rubber (top)                       | 2                  |
| 18                    | M20, M21, M33<br>(spring)           | 67-9093  | Dual seat rear support bracket (offside)                         | 1                  |
| 19                    | M20, M21, M33<br>(spring)           | 67-9094  | Dual seat rear support bracket (nearside)                        | 1                  |
| 20                    | M20, M21, M33<br>(spring)           | 65-9236  | Dual seat front support bracket                                  | 1                  |
| 21                    | M20, M21, M33<br>(rigid and spring) | 27-8447  | Petrol tank support sleeve                                       | 2                  |
| 22                    | M20, M21, M33<br>(rigid and spring) | 27-8448  | Petrol tank front support rubber                                 | 2                  |
| 23                    | M20, M21, M33<br>(rigid and spring) | 27-8449  | Petrol tank front support buffer cap                             | 2                  |
| 24                    | M20, M21, M33<br>(rigid and spring) | 28-2338  | Petrol tank fixing bolt (front)                                  | 2                  |
| 25                    | M20, M21, M33<br>(rigid and spring) | 65-8675  | Front brake cable and cover complete (up to 1955)                | 1                  |
| 26                    | M20, M21, M33<br>(rigid and spring) | 29-8810  | Front brake control complete (less cable and cover) (up to 1955) | 1                  |
| 27                    | M20, M21, M33<br>(rigid and spring) | 65-8503  | Twist grip rubber grip                                           | 1                  |
| 28                    | M20, M21, M33<br>(rigid and spring) | 65-8501  | Throttle twist grip complete (less cable and cover)              | 1                  |
| 29                    | M20, M21, M33<br>(rigid and spring) | 66-8896  | Air control complete (less cable and cover)                      | 1                  |
| 29                    | M20, M21, M33<br>(rigid and spring) | 66-8544  | Air control cable and cover complete (Western type handlebars)   | 1                  |
| 30                    | M33<br>(rigid and spring)           | 65-8832  | Twist grip control cable and cover complete                      | 1                  |
| 30                    | M20, M21<br>(rigid and spring)      | 66-8882  | Twist grip control cable and cover complete                      | 1                  |
| 31                    | M33<br>(rigid and spring)           | 65-8836  | Air control cable and cover complete (up to 1955)                | 1                  |
| 31                    | M33<br>(rigid and spring)           | 42-8693  | Air control cable and cover complete                             | 1                  |
| 31                    | M20, M21<br>(rigid and spring)      | 66-8899  | Air control cable and cover complete (up to 1955)                | 1                  |

Plate 15—continued      Petrol Tank, Handlebar, Dual Seat, Battery Carrier and Silencers  
"M" Group

| Plate Ref.<br>Number. | Models.                             | Part No.   | Description.                                                   | Number<br>per set. |
|-----------------------|-------------------------------------|------------|----------------------------------------------------------------|--------------------|
| 31                    | M20, M21<br>(rigid and spring)      | 66-8910    | Air control cable and cover complete                           | 1                  |
| 32                    | M20, M21, M33<br>(rigid and spring) | 65-4960    | Handlebar (less controls)                                      | 1                  |
| 33                    | M20, M21, M33<br>(rigid and spring) | 65-8714    | Ignition control cable and cover complete                      | 1                  |
| 34                    | M20, M21, M33<br>(rigid and spring) | 66-8810    | Ignition control lever complete (less cable and cover)         | 1                  |
| 35                    | M20, M21, M33<br>(rigid and spring) | 65-8502    | Rubber grip (for left-hand bar)                                | 1                  |
| 36                    | M20, M21, M33<br>(rigid and spring) | 29-8820    | Clutch control complete (less cable and cover)                 | 1                  |
| 37                    | M20, M21, M33<br>(rigid and spring) | 66-8513    | Exhaust control complete (less cable and cover)                | 1                  |
| 38                    | M20, M21<br>(rigid and spring)      | 66-8530    | Exhaust lifter cable and cover complete                        | 1                  |
| 38                    | M33<br>(rigid and spring)           | 65-8795    | Exhaust lifter cable and cover complete                        | 1                  |
| 39                    | M20, M21, M33<br>(rigid and spring) | 65-8680    | Clutch control cable and cover complete                        | 1                  |
| 40                    | M20, M21, M33<br>(rigid and spring) | 29-7898    | Petrol tank filler cap                                         | 1                  |
| 41                    | M20, M21, M33<br>(rigid and spring) | 66-8285/36 | Petrol tank (up to 1953)                                       | 1                  |
| 41                    | M20, M21, M33<br>(rigid and spring) | 66-8283    | Petrol tank                                                    | 1                  |
| 42                    | M20, M21, M33<br>(rigid and spring) | 42-8034    | Petrol tank badge clip screw nut                               | 4                  |
| 43                    | M20, M21, M33<br>(rigid and spring) | 42-8020    | Petrol tank badge clip                                         | 2                  |
| 44                    | M20, M21, M33<br>(rigid and spring) | 65-8220    | Petrol tank badge                                              | 2                  |
| 44                    | M20, M21, M33<br>(rigid and spring) | 65-8209    | Petrol tank badge complete with centre (nearside) (up to 1953) | 1                  |
| —                     | M20, M21, M33<br>(rigid and spring) | 36-382     | Petrol tank rear support bolt washer                           | 2                  |
| 44                    | M20, M21, M33<br>(rigid and spring) | 65-8217    | Petrol tank badge complete with centre (offside) (up to 1953)  | 1                  |
| 44A                   | M20, M21, M33<br>(rigid and spring) | 65-8317    | Petrol tank badge clip screw                                   | 4                  |
| 45                    | M20, M21, M33<br>(rigid and spring) | 65-8205    | Knee grip rubber (right-hand)                                  | 1                  |
| 45                    | M20, M21, M33<br>(rigid and spring) | 65-8206    | Knee grip rubber (left-hand)                                   | 1                  |
| 46                    | M20, M21, M33<br>(rigid and spring) | 2-79       | Knee grip plate screw                                          | 4                  |
| 47                    | M20, M21, M33<br>(rigid and spring) | 29-7868    | Knee grip plate (left-hand) (up to 1955)                       | 1                  |
| 47                    | M20, M21, M33<br>(rigid and spring) | 29-7869    | Knee grip plate (right-hand) (up to 1955)                      | 1                  |
| 48                    | M20, M21, M33<br>(rigid and spring) | 33-8255    | Tank connecting pipe complete                                  | 1                  |
| 49                    | M20, M21, M33<br>(rigid and spring) | 65-2353    | Battery carrier swivel block (tapped)                          | 1                  |
| —                     | M20, M21, M33<br>(rigid and spring) | 66-4892    | Battery carrier complete                                       | 1                  |
| 50                    | M20, M21, M33<br>(rigid and spring) | 66-4893    | Battery bracket complete                                       | 1                  |
| 51                    | M20, M21, M33<br>(rigid and spring) | 65-2352    | Battery carrier swivel block (plain)                           | 1                  |
| 52                    | M20, M21, M33<br>(rigid and spring) | 29-4657    | Battery carrier strap                                          | 1                  |
| 53                    | M20, M21, M33<br>(rigid and spring) | 29-4662    | Battery strap bolt saddle washer                               | 1                  |
| 54                    | M20, M21, M33<br>(rigid and spring) | 29-4661    | Battery strap bolt                                             | 1                  |
| 55                    | M20, M21, M33<br>(rigid and spring) | 29-4665    | Battery locating strip complete                                | 1                  |
| 56                    | M20, M21, M33<br>(rigid and spring) | 24-563     | Battery bracket and frame stud nut                             | 2                  |
| 57                    | M20, M21, M33<br>(rigid and spring) | 36-382     | Battery bracket and frame stud washer (shakeproof)             | 5                  |
| 58                    | M20, M21, M33<br>(rigid and spring) | 65-5327    | Battery bracket and frame stud                                 | 2                  |

ear Mudguard  
Toolbox  
Chainguards  
Rear Brake  
Control  
and Silencer

Special  
Components  
as supplied to  
Automobile  
Association

Legshields

Tools and  
Sundries

Electrical  
Equipment

Front and Rear  
Safety Bars,  
Safety Bars  
and Legshields

Sidocar  
Chassis

Carrier  
Pannier

Plate 16 Rear Mudguard, Toolbox, Chainguard, Rear Brake Control and Silencer  
 "M" Group (Spring Frame)

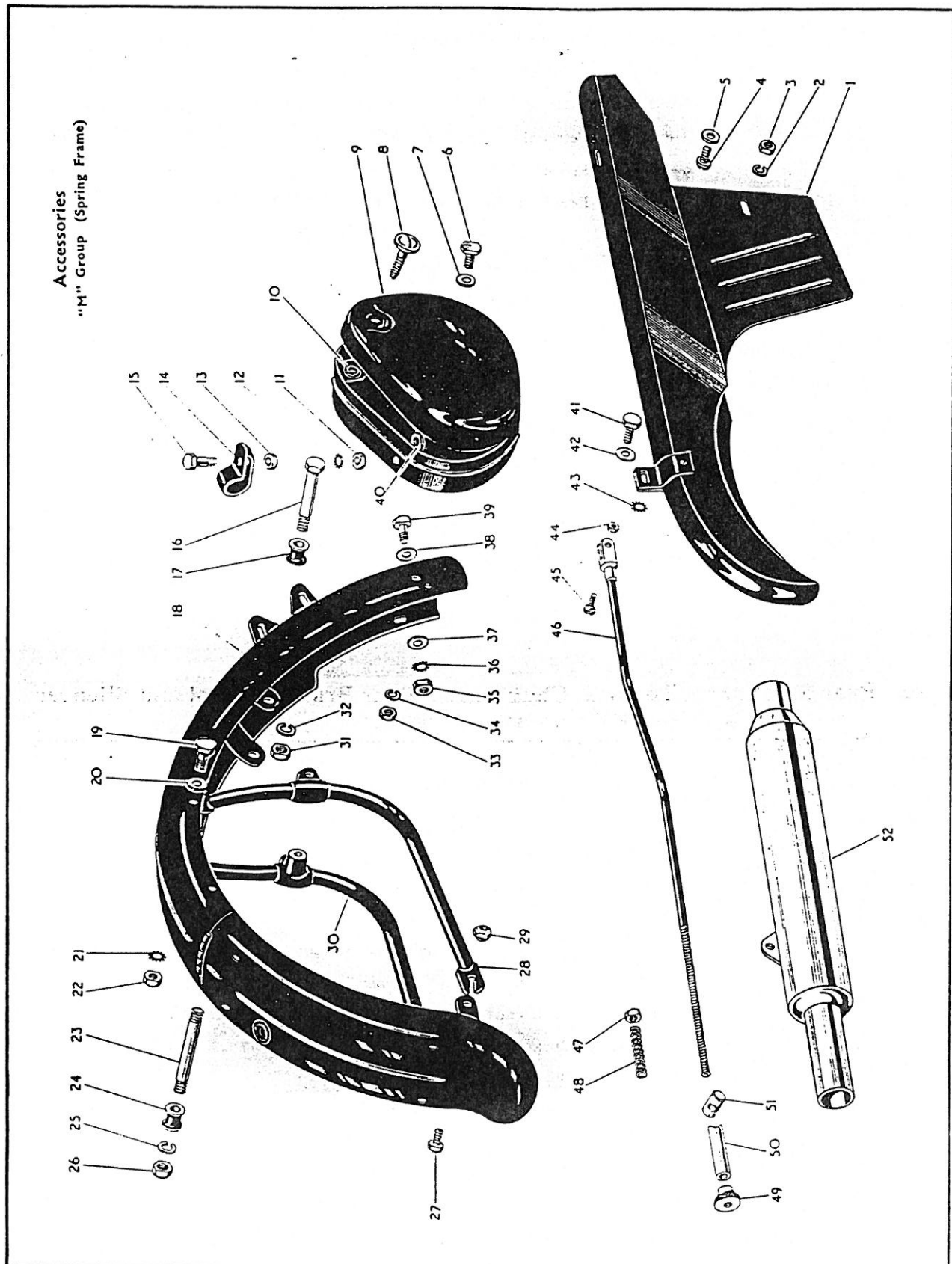




Plate 15—continued Petrol Tank, Handlebar, Dual Seat, Battery Carrier and Silencers  
"M" Group.

| Plate Ref.<br>Number. | Model.                              | Part No. | Description.                                                 | Number<br>per set. |
|-----------------------|-------------------------------------|----------|--------------------------------------------------------------|--------------------|
| 59                    | M20, M21, M33<br>(rigid and spring) | 29-4664  | Battery carrier strap hinge pin                              | 1                  |
| 60                    | M20, M21, M33<br>(rigid and spring) | 2-6026   | Battery bracket and oil tank fixing bolt...                  | 3                  |
| 61                    | M20, M21, M33<br>(rigid and spring) | 36-382   | Battery bracket and oil tank fixing bolt washer (shakeproof) | 3                  |
| 62                    | M20, M21, M33<br>(rigid and spring) | 24-8504  | Petrol filter washer (fibre) (.078")                         | as reqd.           |
| 62                    | M20, M21, M33<br>(rigid and spring) | 65-8218  | Petrol tap washer (fibre) (1/16")                            | as reqd.           |
| 62                    | M20, M21, M33<br>(rigid and spring) | 65-8219  | Petrol tap washer (fibre) (3/32")                            | as reqd.           |
| 62A                   | M20, M21, M33<br>(rigid and spring) | 27-8443  | Petrol filter complete (up to 1953)                          | 1                  |
| 63                    | M20, M21, M33<br>(rigid and spring) | 2-930    | Petrol tap washer (fibre) (up to 1953)                       | 2                  |
| 63A                   | M20, M21, M33<br>(rigid and spring) | 27-8553  | Petrol tap (up to 1953)                                      | 1                  |
| 63A                   | M20, M21, M33<br>(rigid and spring) | 65-8216  | Petrol tap                                                   | 1                  |
| 64                    | M33<br>(rigid and spring)           | 65-8153  | Flexible petrol pipe complete (up to 1954)                   | 1                  |
| 65                    | M20, M21, M33<br>(rigid and spring) | 66-8277  | Flexible petrol pipe (1954)                                  | 1                  |
| 66                    | M21, M33<br>(rigid and spring)      | 66-8168  | Petrol pipe complete (plastic)                               | 1                  |
| 66                    | M33<br>(rigid and spring)           | 66-8169  | Petrol pipe complete (plastic)                               | 1                  |
| 67                    | M20, M21, M33<br>(rigid and spring) | 24-7343  | Silencer inlet tube clip bolt                                | 1                  |
| 68                    | M20, M21, M33<br>(rigid and spring) | 29-541   | Silencer inlet tube clip bolt washer (shakeproof)            | 1                  |
| 69                    | M20, M21, M33<br>(rigid and spring) | 2-2395   | Silencer inlet tube clip bolt nut                            | 1                  |

Plate 16 Rear Mudguard, Toolbox, Chainguard, Rear Brake Control and Silencer  
"M Group (Spring Frame)

| Plate Ref.<br>Number. | Model.                    | Part No. | Description.                                    | Number<br>per set. |
|-----------------------|---------------------------|----------|-------------------------------------------------|--------------------|
| 1                     | M20, M21, M33<br>(spring) | 65-7720  | Rear chainguard complete                        | 1                  |
| 2                     | M20, M21, M33<br>(spring) | 2-1462   | Chainguard bottom fixing bolt washer (spring)   | 1                  |
| 3                     | M20, M21, M33<br>(spring) | 2-2395   | Chainguard bottom fixing bolt nut               | 1                  |
| 4                     | M20, M21, M33<br>(spring) | 15-7161  | Chainguard bottom fixing bolt                   | 1                  |
| 5                     | M20, M21, M33<br>(spring) | 27-8560  | Chainguard bottom fixing bolt washer (plain)    | 1                  |
| 6                     | M20, M21, M33<br>(spring) | 65-7713  | Toolbox and mudguard fixing bolt                | 1                  |
| 7                     | M20, M21, M33<br>(spring) | 2-1374   | Toolbox and mudguard fixing bolt washer (plain) | 2                  |
| 8                     | M20, M21, M33<br>(spring) | 29-9132  | Toolbox lid fixing screw complete               | 1                  |
| 9                     | M20, M21, M33<br>(spring) | 66-9102  | Toolbox complete                                | 1                  |
| 10                    | M20, M21, M33<br>(spring) | 2-1027   | Toolbox lid fixing screw nut                    | 1                  |
| —                     | M20, M21, M33<br>(spring) | 65-9053  | Toolbox lid fixing screw support bush           | 1                  |
| 11                    | M20, M21, M23<br>(spring) | 2-2395   | Toolbox fixing clip bolt nut                    | 1                  |
| 12                    | M20, M21, M33<br>(spring) | 29-541   | Toolbox fixing clip bolt washer (shakeproof)    | 2                  |

Rear Mudguard  
Toolbox  
Chainguards  
Rear Brake  
Control  
and Silencer

Special  
Components  
as supplied to  
Automobile  
Association

Legshields

Tools and  
Sundries

Electrical  
Equipment

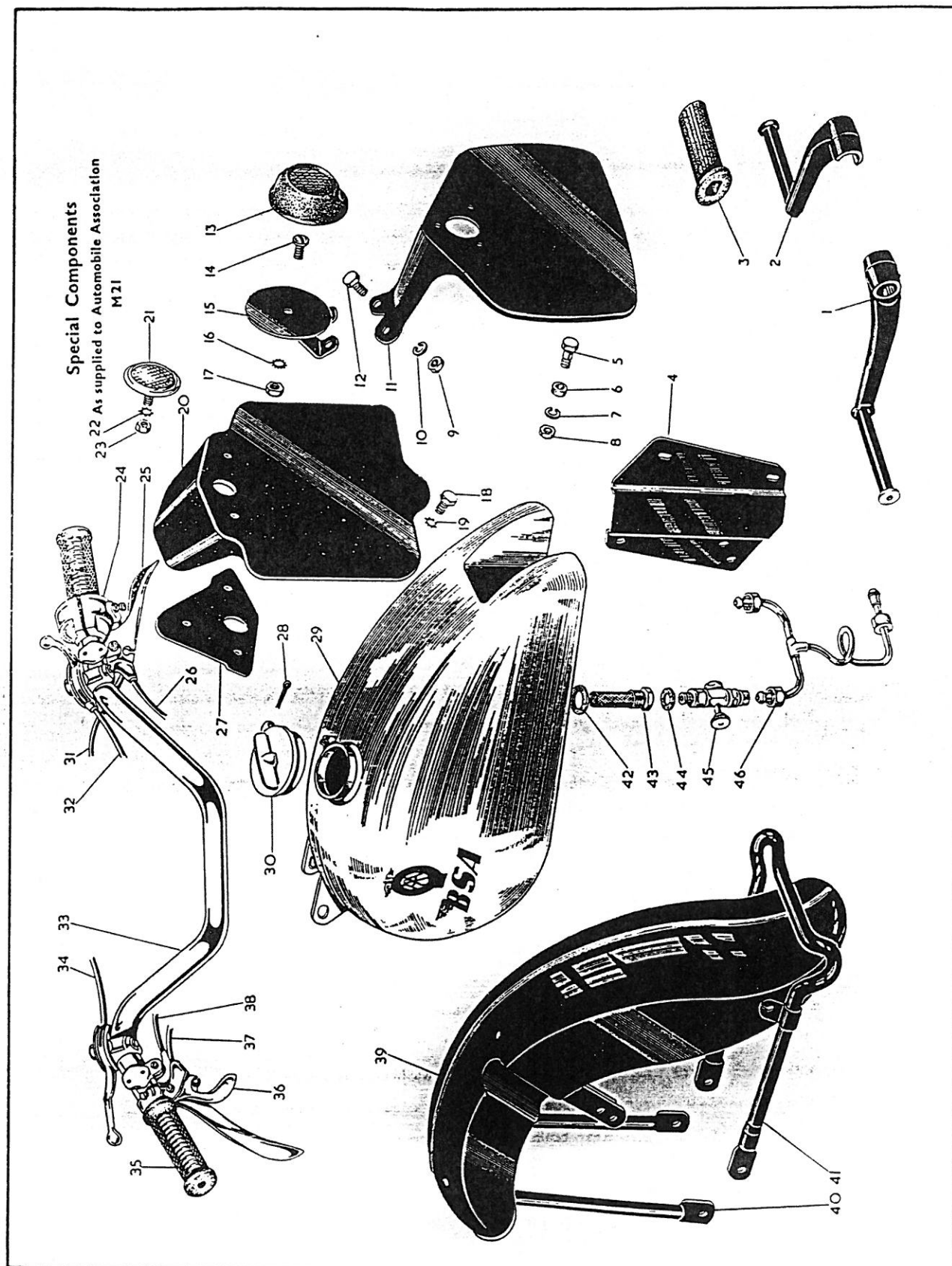
Front and Rear  
Safety Bars,  
Safety Bars  
and Legshields

Sidcar  
Chassis

Carrier  
Pannier

| Plate Ref.<br>Number. | Models.                       | Part No.    | Description.                                               | Number<br>per set. |
|-----------------------|-------------------------------|-------------|------------------------------------------------------------|--------------------|
| 13                    | ... M20, M21, M33<br>(spring) | ... 15-7563 | ... Toolbox fixing clip bolt distance washer ...           | 1                  |
| 14                    | ... M20, M21, M33<br>(spring) | ... 24-8928 | ... Toolbox fixing clip ...                                | 1                  |
| 15                    | ... M20, M21, M33<br>(spring) | ... 2-1402  | ... Toolbox fixing clip bolt ...                           | 1                  |
| 16                    | ... M20, M21, M33<br>(spring) | ... 67-4030 | ... Mudguard fixing bolt (offside) (seatstay) ...          | 1                  |
| —                     | ... M20, M21, M33<br>(spring) | ... 2-2899  | ... Toolbox clip bolt washer (plain) ...                   | 1                  |
| 17                    | ... M20, M21, M33<br>(spring) | ... 67-6761 | ... Mudguard fixing bolt spacing washer (offside) ...      | 1                  |
| 18                    | ... M20, M21, M33<br>(spring) | ... 66-6831 | ... Rear mudguard with fixed fittings ...                  | 1                  |
| 19                    | ... M20, M21, M33<br>(spring) | ... 24-6770 | ... Rear mudguard support bolt ...                         | 2                  |
| 20                    | ... M20, M21, M33<br>(spring) | ... 2-923   | ... Rear mudguard support bolt washer (plain) ...          | 2                  |
| 21                    | ... M20, M21, M33<br>(spring) | ... 36-382  | ... Rear mudguard support bolt washer (shakeproof) ...     | 2                  |
| 22                    | ... M20, M21, M33<br>(spring) | ... 2-49    | ... Rear mudguard support bolt nut ...                     | 2                  |
| 23                    | ... M20, M21, M33<br>(spring) | ... 27-5684 | ... Mudguard fixing stud (seatstay) (nearside) ...         | 1                  |
| 24                    | ... M20, M21, M33<br>(spring) | ... 67-6761 | ... Mudguard fixing stud spacing washer (nearside) ...     | 2                  |
| 25                    | ... M20, M21, M33<br>(spring) | ... 2-522   | ... Mudguard fixing stud washer (spring) (nearside) ...    | 1                  |
| 26                    | ... M20, M21, M33<br>(spring) | ... 2-449   | ... Mudguard fixing stud nut (nearside) ...                | 2                  |
| 27                    | ... M20, M21, M33<br>(spring) | ... 2-1354  | ... Rear mudguard support bolt (bottom) ...                | 2                  |
| 28                    | ... M20, M21, M33<br>(spring) | ... 66-6853 | ... Rear mudguard support complete (offside) ...           | 1                  |
| 29                    | ... M20, M21, M33<br>(spring) | ... 15-447  | ... Rear mudguard support bolt nut (bottom) ...            | 2                  |
| 30                    | ... M20, M21, M33<br>(spring) | ... 66-6856 | ... Rear mudguard support complete (nearside) ...          | 1                  |
| 31                    | ... M20, M21, M33<br>(spring) | ... 2-449   | ... Mudguard fixing bolt nut (offside) ...                 | 1                  |
| 32                    | ... M20, M21, M33<br>(spring) | ... 2-522   | ... Mudguard fixing bolt washer (spring) (offside) ...     | 1                  |
| 33                    | ... M20, M21, M33<br>(spring) | ... 2-2395  | ... Toolbox and mudguard fixing bolt nut ...               | 1                  |
| 34                    | ... M20, M21, M33<br>(spring) | ... 2-1462  | ... Toolbox and mudguard fixing bolt washer (spring) ...   | 1                  |
| 35                    | ... M20, M21, M33<br>(spring) | ... 2-49    | ... Mudguard chainstay bridge bolt nut ...                 | 1                  |
| 36                    | ... M20, M21, M33<br>(spring) | ... 36-382  | ... Mudguard chainstay bridge bolt washer (shakeproof) ... | 1                  |
| 37                    | ... M20, M21, M33<br>(spring) | ... 2-923   | ... Mudguard chainstay bridge bolt washer (plain) ...      | 1                  |
| 38                    | ... M20, M21, M33<br>(spring) | ... 2-923   | ... Mudguard chainstay bridge bolt washer (plain) ...      | 1                  |
| 39                    | ... M20, M21, M33<br>(spring) | ... 24-6770 | ... Mudguard chainstay bridge bolt ...                     | 1                  |
| 40                    | ... M20, M21, M33<br>(spring) | ... 25-7180 | ... Toolbox clip bolt washer (plain) (inside box) ...      | 1                  |
| 41                    | ... M20, M21, M33<br>(spring) | ... 1-5069  | ... Chainguard fixing bolt (rear) ...                      | 1                  |
| 42                    | ... M20, M21, M33<br>(spring) | ... 2-923   | ... Chainguard fixing bolt washer (plain) (rear) ...       | 1                  |
| 43                    | ... M20, M21, M33<br>(spring) | ... 36-382  | ... Chainguard fixing bolt washer (shakeproof) (rear) ...  | 1                  |
| 44                    | ... M20, M21, M33<br>(spring) | ... 2-443   | ... Rear brake rod toggle screw nut ...                    | 1                  |
| 45                    | ... M20, M21, M33<br>(spring) | ... 2-510   | ... Rear brake rod toggle screw ...                        | 1                  |
| 46                    | ... M20, M21, M33<br>(spring) | ... 65-7071 | ... Rear brake rod complete ...                            | 1                  |
| 47                    | ... M20, M21, M33<br>(spring) | ... 2-2395  | ... Rear brake rod spring locknut ...                      | 1                  |

Plate 17 Special Components as supplied to Automobile Association  
Model M21



Special  
Components  
as supplied to  
Automobile  
Association

Legshields

Tools and  
Sundries

Electrical  
Equipment

Front and Rear  
Safety Bars,  
Safety Bars  
and Legshields

Sidcar  
Chassis

Carrier a  
Pannier



## Plate 16—continued

Rear Mudguard, Toolbox, Chainguard, Rear Brake Control and Silencer  
"M" Group (Spring Frame)

| Plate Ref.<br>Number. | Model.                    | Part No. | Description.                                | Number<br>per set. |
|-----------------------|---------------------------|----------|---------------------------------------------|--------------------|
| 48                    | M20, M21, M33<br>(spring) | 15-1312  | Rear brake rod spring                       | 1                  |
| 49                    | M20, M21, M33<br>(spring) | 29-7368  | Rear brake rod adjusting nut                | 1                  |
| 50                    | M20, M21, M33<br>(spring) | 67-7031  | Rear brake rod adjusting nut extension tube | 1                  |
| 51                    | M20, M21, M33<br>(spring) | 65-6274  | Rear brake lever swivel pin                 | 1                  |
| 52                    | M20, M21 (spring)         | 66-2670  | Silencer complete                           | 1                  |

Plate 17 Special Components as supplied to Automobile Association  
Model M21

| Plate Ref.<br>Number. | Model.        | Part No. | Description.                                                       | Number<br>per set. |
|-----------------------|---------------|----------|--------------------------------------------------------------------|--------------------|
| 1                     | M21, AA Model | 66-7362  | Footrest bracket (nearside)                                        | 1                  |
| 2                     | M21, AA Model | 66-7364  | Footrest bracket (offside)                                         | 1                  |
| 3                     | M21, AA Model | 66-7363  | Footrest rubber                                                    | 2                  |
| 4                     | M21, AA Model | 66-4895  | Oil tank fixing plate complete                                     | 1                  |
| 5                     | M21, AA Model | 24-225   | Rear number plate bottom fixing bolt (1955)                        | 2                  |
| 6                     | M21, AA Model | 15-7383  | Rear number plate bottom bolt fixing bolt washer (rubber) 1955     | 2                  |
| 7                     | M21, AA Model | 2-1462   | Rear number plate bottom fixing bolt washer (spring) 1955          | 1                  |
| 8                     | M21, AA Model | 2-51     | Rear number plate bottom fixing bolt nut (1955)                    | 1                  |
| 9                     | M21, AA Model | 2-51     | Rear number plate top fixing bolt nut (1955)                       | 2                  |
| 10                    | M21, AA Model | 2-1462   | Rear number plate top fixing bolt washer (spring) (1955)           | 2                  |
| 11                    | M21, AA Model | 66-6897  | Rear number plate complete (1955)                                  | 1                  |
| 12                    | M21, AA Model | 2-220    | Rear number plate top fixing bolt (1955)                           | 2                  |
| 13                    | M21, AA Model | 66-6825  | Reflector (1955)                                                   | 1                  |
| 14                    | M21, AA Model | 1-4606   | Reflector fixing screw (1955)                                      | 1                  |
| 15                    | M21, AA Model | 66-6820  | Reflector fixing plate complete                                    | 1                  |
| 16                    | M21, AA Model | 29-541   | Reflector fixing screw washer (shakeproof)                         | 1                  |
| 17                    | M21, AA Model | 21-5102  | Reflector fixing screw nut                                         | 1                  |
| 18                    | M21, AA Model | 2-220    | Rear number plate fixing bolt                                      | 4                  |
| 19                    | M21, AA Model | 29-541   | Rear number plate fixing bolt washer (shakeproof)                  | 4                  |
| 20                    | M21, AA Model | 67-6830  | Rear number plate complete...                                      | 1                  |
| 21                    | M21, AA Model | 67-9069  | Reflector                                                          | 1                  |
| 22                    | M21, AA Model | 29-541   | Reflector washer (shakeproof)                                      | 1                  |
| 23                    | M21, AA Model | 21-5102  | Reflector nut                                                      | 1                  |
| 24                    | M21, AA Model | 65-8512  | Throttle twist grip (less cable and cover)                         | 1                  |
| 25                    | M21, AA Model | 24-7570  | Front brake and air control complete (less cable and cover) (1955) | 1                  |
| 26                    | M21, AA Model | 65-8693  | Front brake cable and cover complete (1955)                        | 1                  |
| 27                    | M21, AA Model | 66-6820  | Reflector fixing plate                                             | 1                  |
| 28                    | M21, AA Model | 35-707   | Petrol tank filler cap split pin                                   | 1                  |
| 29                    | M21, AA Model | 66-8267  | Petrol tank                                                        | 1                  |
| 30                    | M21, AA Model | 66-8351  | Petrol tank filler cap                                             | 1                  |
| 31                    | M21, AA Model | 66-8540  | Twist grip control cable and cover complete                        | 1                  |
| 32                    | M21, AA Model | 66-8537  | Air control cable and cover complete                               | 1                  |
| 33                    | M21, AA Model | 65-4963  | Handlebar (less controls)                                          | 1                  |
| 34                    | M21, AA Model | 65-8717  | Ignition control cable and cover complete                          | 1                  |
| 35                    | M21, AA Model | 65-8513  | Dummy grip (left handlebar)                                        | 1                  |
| 36                    | M21, AA Model | 42-8610  | Exhaust control (less cable and cover)                             | 1                  |
| 37                    | M21, AA Model | 66-8534  | Exhaust lifter cable and cover complete                            | 1                  |
| 38                    | M21, AA Model | 65-8683  | Clutch control cable and cover complete                            | 1                  |
| 39                    | M21, AA Model | 67-6543  | Front mudguard with fixed fittings                                 | 1                  |
| 40                    | M21, AA Model | 67-6544  | Front mudguard stays                                               | 1                  |
| 41                    | M21, AA Model | 67-6530  | Front stand complete                                               | 1                  |
| 42                    | M21, AA Model | 24-8504  | Petrol filter washer (fibre)                                       | 2                  |
| 43                    | M21, AA Model | 27-8436  | Petrol filter complete                                             | 2                  |
| 44                    | M21, AA Model | 2-930    | Petrol tap washer (fibre)                                          | 2                  |
| 45                    | M21, AA Model | 27-8552  | Petrol tap                                                         | 2                  |
| 46                    | M21, AA Model | 66-8272  | Petrol pipe complete                                               | 1                  |

## Supplementary List for M21 Spring Frame Models

Fitted with Generator Set as supplied to Automobile Association

All parts specified for the Standard M21 Spring Frame model are applicable  
excepting items mentioned in this supplement.

### ENGINE

| Part Number | Description                                                 | Number<br>per set |
|-------------|-------------------------------------------------------------|-------------------|
| 66-1833     | Flywheel with engine shaft (driveside)                      | 1                 |
| 66-1834     | Engine shaft (driveside)                                    | 1                 |
| 66-1824     | Crankcase assembly (driveside and gearside)                 | 1                 |
| 66-141      | Cylinder barrel                                             | 1                 |
| 67-985      | Spark plug suppressor                                       | 1                 |
| 19-2312     | Carburettor                                                 | 1                 |
| 29-1999     | Engine sprocket (16T)                                       | 1                 |
| 66-1835     | Engine sprocket distance piece                              | 1                 |
| 66-1830     | Generator housing                                           | 1                 |
| 19-1215     | Generator                                                   | 1                 |
| 29-2031     | Spinner for generator                                       | 1                 |
| 29-925      | Generator key                                               | 1                 |
| 29-2023     | Generator nut                                               | 1                 |
| 29-2024     | Generator nut lockwasher                                    | 1                 |
| 66-1831     | Generator stator fixing stud                                | 4                 |
| 2-1462      | Generator stator fixing stud washer (spring)                | 4                 |
| 2-2395      | Generator stator fixing stud nut                            | 4                 |
| 66-7620     | Chaincase and generator housing fixing bolt                 | 3                 |
| 24-8784     | Chaincase and generator housing fixing bolt washer (spring) | 3                 |

### CLUTCH

| Part Number | Description                                       | Number<br>per set |
|-------------|---------------------------------------------------|-------------------|
| 42-3175     | Clutch housing and sprocket assembly (five plate) | 1                 |
| 66-3826     | Clutch sleeve                                     | 1                 |
| 42-3180     | Clutch shock absorber unit assembly               | 1                 |
| 42-3181     | Clutch centre                                     | 1                 |
| 42-3182     | Shock absorber retaining plate (inner)            | 1                 |
| 42-3183     | Retaining plate screw (inner to centre)           | 4                 |
| 42-3184     | Shock absorber spider                             | 1                 |
| 42-3185     | Drive rubber                                      | 4                 |
| 42-3186     | Rebound rubber                                    | 4                 |
| 42-3187     | Outer retaining plate                             | 1                 |
| 42-3183     | Retaining plate screw (outer to centre)           | 4                 |
| 42-3189     | Clutch centre pin                                 | 4                 |
| 42-3199     | Clutch centre pin nut                             | 4                 |
| 66-3827     | Mainshaft nut washer                              | 1                 |
| 66-3828     | Mainshaft nut tab washer                          | 1                 |
| 42-3171     | Mainshaft nut                                     | 1                 |
| 42-3192     | Driving plate assembly                            | 5                 |
| 42-3195     | Clutch driven plate                               | 6                 |
| 66-3075     | Clutch operating rod                              | 1                 |
| 42-3173     | Clutch pressure plate                             | 1                 |
| 42-3197     | Clutch spring cup                                 | 4                 |
| 42-3198     | Clutch spring                                     | 4                 |

Legshields

Tools and  
Sundries

Electrical  
Equipment

Front and Rear  
Safety Bars,  
Safety Bars  
and Legshields

Sidocar  
Chassis

Carrier a  
Pannier

## Supplementary List for M21 Spring Frame Models

Fitted with Generator Set as supplied to Automobile Association

### FRAME AND FITTINGS

| Part Number | Description                                         | Number per set |
|-------------|-----------------------------------------------------|----------------|
| 66-4235     | Frame complete with engine plates and centre stand  | 1              |
| 66-4237     | Chainstay and backstay complete                     | 1              |
| 66-4863     | Battery carrier complete                            | 1              |
| 66-4838     | Central stand                                       | 1              |
| 66-4792     | Prop stand lug body                                 | 1              |
| 66-2876     | Silencer                                            | 1              |
| 66-7364     | Footrest bracket (offside) for use with legshields  | 1              |
| 66-7362     | Footrest bracket (nearside) for use with legshields | 1              |
| 66-7363     | Footrest rubber                                     | 2              |

### AUXILIARY BATTERY CARRIER

| Part Number | Description                                        | Number per set |
|-------------|----------------------------------------------------|----------------|
| 66-4881     | Battery carrier complete                           | 1              |
| 29-4624     | Battery carrier strap                              | 1              |
| 66-4861     | Battery carrier fixing spacing washer (top)        | 1              |
| 24-8928     | Battery carrier fixing clip (bottom)               | 2              |
| 67-6761     | Battery carrier fixing spacer (rear)               | 1              |
| 66-4862     | Battery carrier bottom fixing bolt (rear)          | 1              |
| 2-129       | Battery carrier bottom fixing bolt (front)         | 1              |
| 24-8784     | Battery carrier bottom fixing bolt washer (spring) | 2              |
| 2-49        | Battery carrier bottom fixing bolt nut             | 2              |

### FRONT FORK AND FITTINGS

| Part Number | Description                     | Number per set |
|-------------|---------------------------------|----------------|
| 66-5105     | Front fork complete             | 1              |
| 65-5447     | Front fork top yoke             | 1              |
| 29-5289     | Front fork bottom yoke bolt     | 2              |
| 66-5106     | Front fork top nut              | 2              |
| 2-84        | Fork filler plug                | 2              |
| 2-100       | Fork filler plug washer (fibre) | 2              |
| 65-5449     | Fork top yoke plug (rubber)     | 1              |
| 67-5042     | Front fork outer sleeve (n/s)   | 1              |
| 67-5044     | Front fork outer sleeve (o/s)   | 1              |

### FRONT HUB AND WHEEL FITTINGS

| Part Number | Description                                | Number per set |
|-------------|--------------------------------------------|----------------|
| 66-5554     | Front wheel complete (less brake and tyre) | 1              |
| 66-5560     | Front wheel spoke (nearside)               | 20             |
| 66-5555     | Front wheel spoke (offside)                | 20             |



# Supplementary List for M21 Spring Frame Models

Fitted with Generator Set as supplied to Automobile Association

## REAR HUB AND WHEEL FITTINGS

| Part Number | Description                                      | Number per set |
|-------------|--------------------------------------------------|----------------|
| 65-6300 ... | Rear wheel complete (less brake and tyre) ... .. | 1              |
| 65-6303 ... | Rear wheel spoke (nearside) ... ..               | 20             |
| 65-6302 ... | Rear wheel spoke (offside) ... ..                | 20             |

## FRONT CHAINCASE

| Part Number | Description                                | Number per set |
|-------------|--------------------------------------------|----------------|
| 66-7613 ... | Chaincase front with fixed fittings ... .. | 1              |
| 66-7616 ... | Chaincase back with sliding plate ... ..   | 1              |
| 67-42 ...   | Chaincase inspection cap washer ... ..     | 1              |
| 29-8111 ... | Chaincase cable grommet ... ..             | 1              |

## PETROL TANK AND FITTINGS

| Part Number | Description                        | Number per set |
|-------------|------------------------------------|----------------|
| 66-8267 ... | Petrol tank ... ..                 | 1              |
| 66-8351 ... | Petrol tank filler cap ... ..      | 1              |
| 66-8272 ... | Petrol pipe complete ... ..        | 1              |
| 27-8552 ... | Petrol tap ... ..                  | 2              |
| 2-930 ...   | Petrol tap washer (fibre) ... ..   | 2              |
| 27-8436 ... | Petrol tank filter complete ... .. | 2              |
| 24-8504 ... | Petrol tank filter washer ... ..   | 2              |

## HANDLEBAR AND CONTROLS (WESTERN TYPE)

| Part Number | Description                                            | Number per set |
|-------------|--------------------------------------------------------|----------------|
| 65-4963 ... | Handlebar ... ..                                       | 1              |
| 66-8537 ... | Air control cable and cover complete ... ..            | 1              |
| 66-8540 ... | Throttle control cable and cover complete ... ..       | 1              |
| 65-8512 ... | Throttle twist grip ... ..                             | 1              |
| 65-8514 ... | Throttle twist grip cover ... ..                       | 1              |
| 65-8513 ... | Dummy grip ... ..                                      | 1              |
| 66-8761 ... | Front brake cable and cover complete ... ..            | 1              |
| 65-8683 ... | Clutch control cable and cover complete ... ..         | 1              |
| 65-8717 ... | Ignition control cable and cover complete ... ..       | 1              |
| 66-8534 ... | Exhaust lifter cable and cover complete ... ..         | 1              |
| 42-8610 ... | Exhaust control complete (less cable and cover) ... .. | 1              |

Legshields

Tools and Sundries

Electrical Equipment

Front and Rear Safety Bars, Safety Bars and Legshields

Sidecar Chassis

Carrier and Panniers

## Supplementary List for M21 Spring Frame Models

Fitted with Generator Set as supplied to Automobile Association

### HANDLEBAR AND CONTROLS (WESTERN TYPE)—continued

| Part Number | Description                                                  | Number per set |
|-------------|--------------------------------------------------------------|----------------|
| 24-7570 ... | Brake and air control complete (less cable and cover) ... .. | 1              |
| 27-7833 ... | Brake control ratchet pawl thumb knob spring complete ... .. | 1              |
| 27-7820 ... | Brake control lever ... ..                                   | 1              |
| 27-7819 ... | Brake control body ... ..                                    | 1              |
| 27-7818 ... | Brake control clamp ... ..                                   | 1              |
| 26-9440 ... | Brake control lever fulcrum pin ... ..                       | 2              |
| 2-1027 ...  | Brake control lever fulcrum pin nut ... ..                   | 1              |
| 27-7824 ... | Air control body ... ..                                      | 1              |
| 24-7564 ... | Air control lever ... ..                                     | 1              |
| 27-7823 ... | Air control lever spring washer ... ..                       | 1              |
| 27-7825 ... | Air control lever cap ... ..                                 | 1              |
| 27-7830 ... | Air control clamp bolt ... ..                                | 1              |
| 27-7831 ... | Air control lever bolt ... ..                                | 1              |
| 2-49 ...    | Air control lever bolt nut ... ..                            | 1              |
| 2-923 ...   | Air control lever bolt washer (plain) ... ..                 | 1              |
| 26-9431 ... | Cable gripping pin ... ..                                    | 1              |
| 26-9481 ... | Control lever roller ... ..                                  | 1              |
| 26-9461 ... | Cable gripping pin washer ... ..                             | 1              |
| 25-7151 ... | Cable gripping pin nut ... ..                                | 1              |

### TOOLS AND SUNDRIES

(No other tools to be supplied)

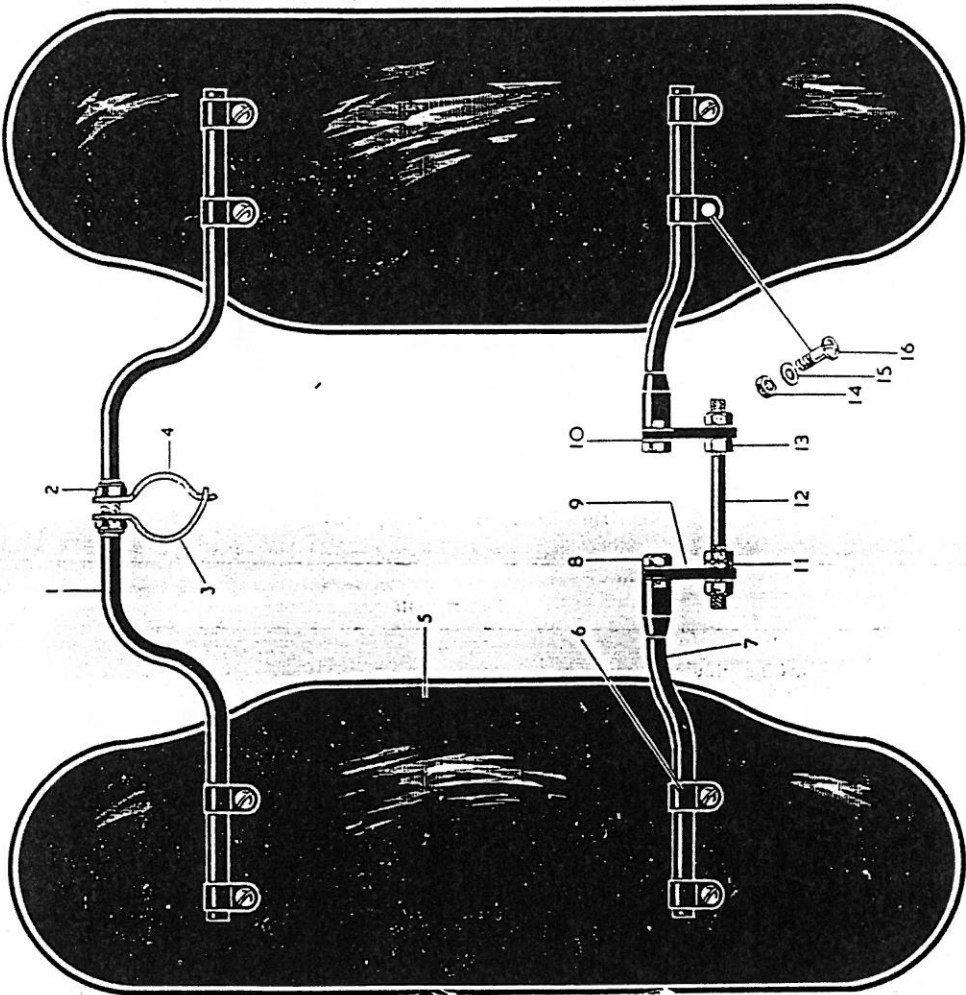
| Part Number | Description                               | Number per set |
|-------------|-------------------------------------------|----------------|
| 66-9132 ... | Spark plug spanner ... ..                 | 1              |
| 66-9036 ... | Cylinder base nut spanner ... ..          | 1              |
| 29-9253 ... | Tommy bar ... ..                          | 1              |
| 65-9132 ... | Tappet adjusting spanner ... ..           | 1              |
| 65-9133 ... | Tappet adjusting spanner ... ..           | 1              |
| 65-9130 ... | Tappet feelers (sets) ... ..              | 1              |
| 65-9243 ... | Front fork top nut spanner ... ..         | 1              |
| 15-832 ...  | Box spanner ... ..                        | 1              |
| 66-9234 ... | Licence holder ... ..                     | 1              |
| ...         | Speedometer (non trip 80 m.p.h.) ... ..   | 1              |
| 65-9177 ... | Speedometer cable ... ..                  | 1              |
| 65-9111 ... | Speedometer bracket ... ..                | 4              |
| 15-7383 ... | Speedometer mounting rubber ... ..        | 2              |
| 2-1374 ...  | Speedometer mounting bolt washer ... ..   | 2              |
| 21-5620 ... | Speedometer bracket bolt ... ..           | 2              |
| 66-9262 ... | Speedometer bracket distance piece ... .. | 1              |
| 66-9268 ... | Rectifier bracket ... ..                  | 1              |

### ELECTRICAL EQUIPMENT

| Part Number | Description                                | Number per set |
|-------------|--------------------------------------------|----------------|
| 19-547 ...  | Headlamp (pilot light in reflector) ... .. | 1              |

LEGSHIELDS  
"M" Group

Legshields  
"M" Group



Legshields

Tools and  
Sundries

Electrical  
Equipment

Front and Rear  
Safety Bars  
Safety Bars  
and Legshields

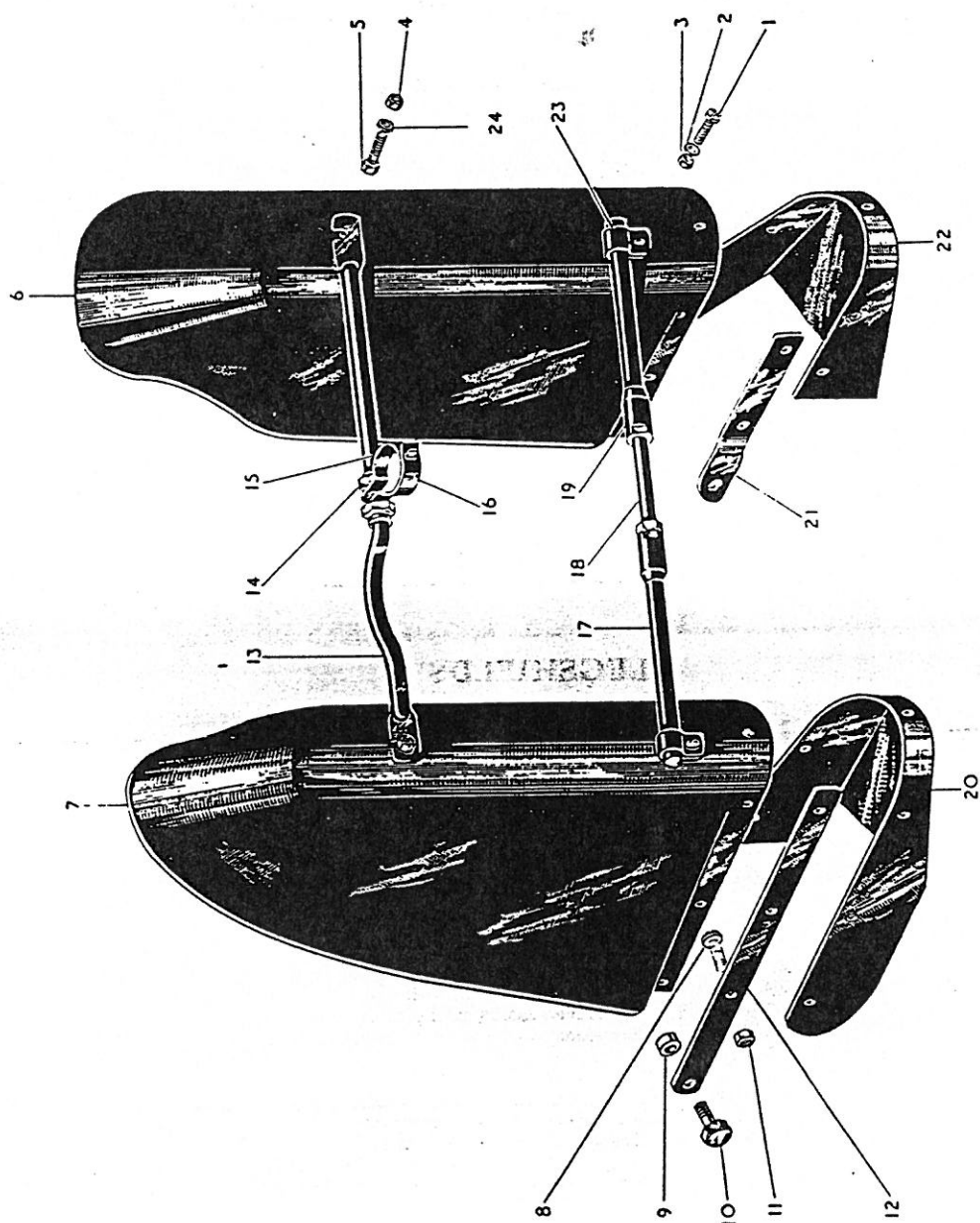
Sidecar  
Chassis

Carrier  
Pannier



# LEGSHIELDS (Automobile Association)

Legshields  
Automobile Association



## Plate 18

## LEGSHIELDS

"M" Group.

| Plate Ref.<br>Number. | Model                               | Part No. | Description.                                            | Number<br>per set. |
|-----------------------|-------------------------------------|----------|---------------------------------------------------------|--------------------|
| —                     | M20, M21, M33<br>(rigid and spring) | 66-7366  | Legshield assembly complete                             | 1                  |
| 1                     | M20, M21, M33<br>(rigid and spring) | 66-7368  | Legshield top support tube complete                     | 1                  |
| 2                     | M20, M21, M33<br>(rigid and spring) | 27-7979  | Top support tube sleeve nut                             | 2                  |
| 3                     | M20, M21, M33<br>(rigid and spring) | 66-7315  | Legshield support frame clip (right-hand)               | 1                  |
| 4                     | M20, M21, M33<br>(rigid and spring) | 66-7316  | Legshield support frame clip (left-hand)                | 1                  |
| 5                     | M20, M21, M33<br>(rigid and spring) | 66-7367  | Legshield only...                                       | 2                  |
| 6                     | M20, M21, M33<br>(rigid and spring) | 66-7353  | Legshield support tube clip                             | 8                  |
| 7                     | M20, M21, M33<br>(rigid and spring) | 66-7370  | Legshield bottom support tube complete                  | 2                  |
| 8                     | M20, M21, M33<br>(rigid and spring) | 29-6110  | Legshield bottom support plate bolt                     | 2                  |
| 9                     | M20, M21, M33<br>(rigid and spring) | 66-7373  | Legshield bottom support plate                          | 2                  |
| 10                    | M20, M21, M33<br>(rigid and spring) | 2-2903   | Legshield bottom support bolt and stud washer (spring)  | 4                  |
| 11                    | M20, M21, M33<br>(rigid and spring) | 2-452    | Engine plate and crankcase stud locknut                 | 1                  |
| 12                    | M20, M21, M33<br>(rigid and spring) | 66-7372  | Engine plate and crankcase stud                         | 1                  |
| 13                    | M20, M21, M33<br>(rigid and spring) | 2-46     | Legshield bottom support stud nut                       | 4                  |
| 14                    | M20, M21, M33<br>(rigid and spring) | 2-2395   | Legshield top and bottom support tube clip screw nut    | 8                  |
| 15                    | M20, M21, M33<br>(rigid and spring) | 27-8560  | Legshield top and bottom support tube clip screw washer | 8                  |
| 16                    | M20, M21, M33<br>(rigid and spring) | 15-7161  | Legshield top and bottom support tube clip screw        | 8                  |

## Plate 19

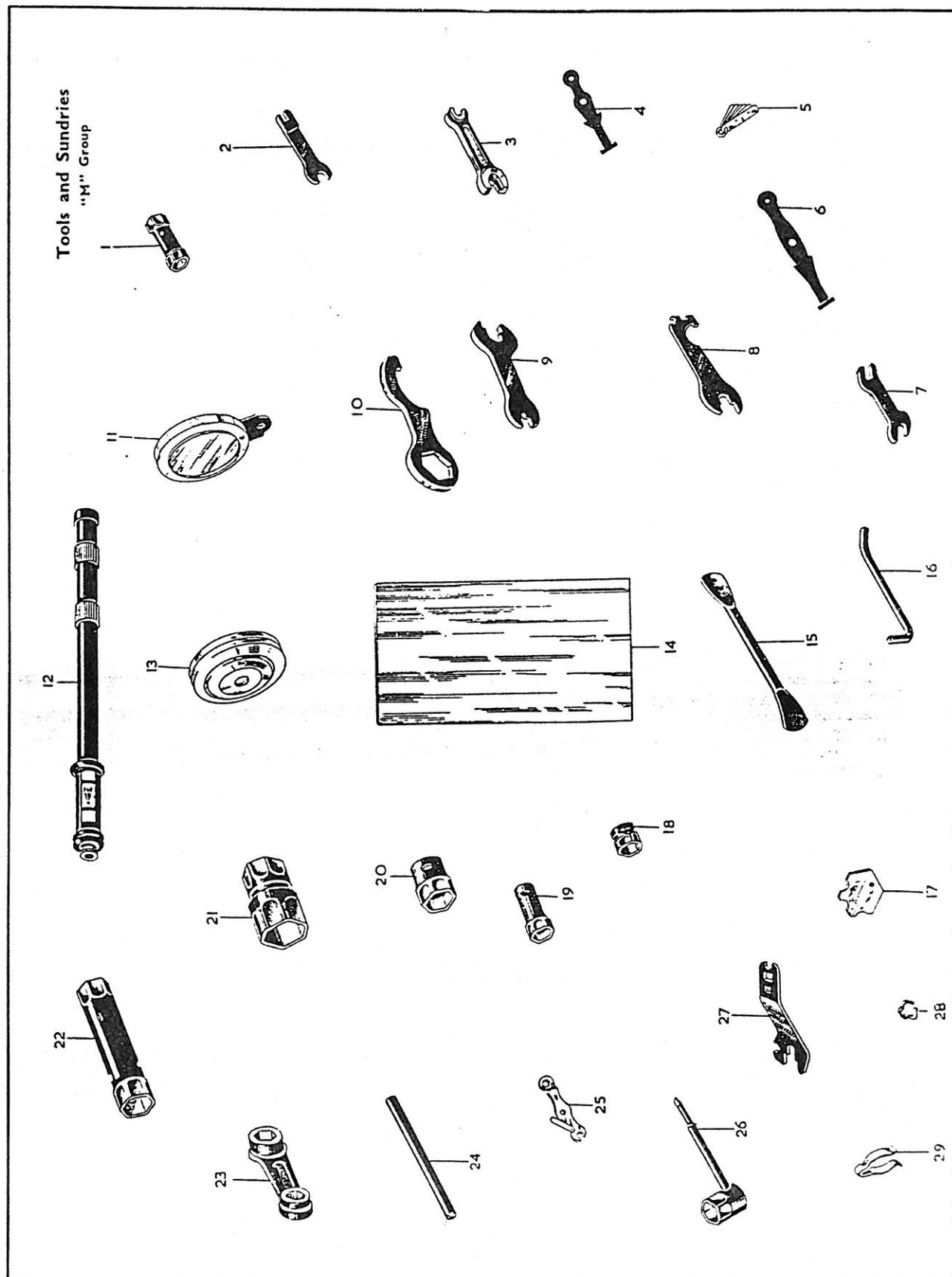
## LEGSHIELDS

(Automobile Association.)

| Plate Ref.<br>Number. | Models. | Part No. | Description.                                          | Number<br>per set. |
|-----------------------|---------|----------|-------------------------------------------------------|--------------------|
| —                     | M21     | 66-7380  | Legshield assembly complete                           | —                  |
| 1                     | M21     | 2-1354   | Legshield support tube clip bolt                      | 2                  |
| 2                     | M21     | 2-1374   | Legshield support tube clip bolt washer               | 2                  |
| 3                     | M21     | 2-51     | Legshield support tube clip bolt nut                  | 2                  |
| 4                     | M21     | 27-4401  | Legshield stay bolt nut                               | 2                  |
| 5                     | M21     | 2-1354   | Legshield stay bolt                                   | 2                  |
| 6                     | M21     | 66-7347  | Legshield only (left-hand)                            | 1                  |
| 7                     | M21     | 66-7348  | Legshield only (right-hand)                           | 1                  |
| 8                     | M21     | 2-1309   | Legshield inside fixing strap bolt                    | 12                 |
| 9                     | M21     | 15-7563  | Legshield and footrest spacing collar                 | 2                  |
| 10                    | M21     | 15-7354  | Legshield and footrest fixing bolt                    | 2                  |
| 11                    | M21     | 25-7151  | Legshield inside fixing strap nut                     | 12                 |
| 12                    | M21     | 66-7358  | Legshield and footrest fixing strap                   | 2                  |
| 13                    | M21     | 66-7387  | Legshield top stay complete                           | 1                  |
| 14                    | M21     | 27-7979  | Legshield stay sleeve nut                             | 2                  |
| 15                    | M21     | 6-7316   | Legshield stay frame clip (left-hand)                 | 1                  |
| 16                    | M21     | 66-7315  | Legshield stay frame clip (right-hand)                | 1                  |
| 17                    | M21     | 66-7389  | Legshield bottom support tube complete (right-hand)   | 1                  |
| 18                    | M21     | 66-4160  | Engine plate and crankcase stud                       | 1                  |
| 19                    | M21     | 66-7351  | Legshield bottom support tube complete (left-hand)    | 1                  |
| 20                    | M21     | 66-7384  | Legshield anti-splash extension complete (right-hand) | 1                  |
| 21                    | M21     | 66-7356  | Legshield inside fixing strap                         | 2                  |
| 22                    | M21     | 66-7381  | Legshield anti-splash extension complete (left-hand)  | 1                  |
| 23                    | M21     | 66-7353  | Legshield support tube clip                           | 2                  |
| 24                    | M21     | 2-1374   | Legshield stay bolt washer                            | 2                  |

Tools and  
SundriesElectrical  
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Safety Bars  
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ChassisCarrier a  
Pannier

TOOLS and SUNDRIES  
"M" Group





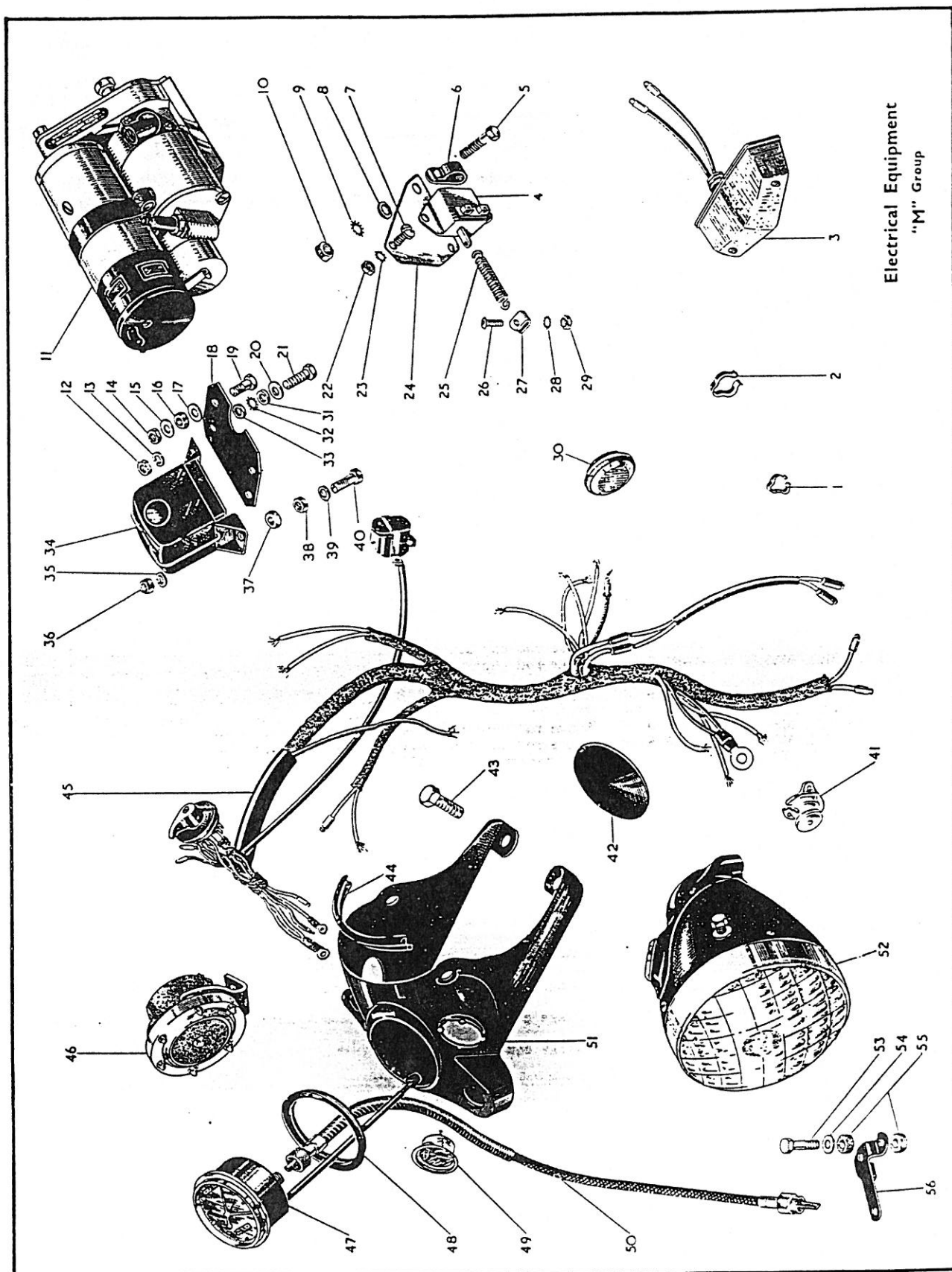
## TOOLS and SUNDRIES

"M" Group.

| Plate Ref.<br>Number. | Model.                                  | Part No. | Description.                             | Number<br>per set. |
|-----------------------|-----------------------------------------|----------|------------------------------------------|--------------------|
| —                     | M20, M21<br>(rigid)                     | 66-9142  | Toolbag complete with tools              | 1                  |
| —                     | M20, M21<br>(spring)                    | 66-9265  | Toolbag complete with tools              | 1                  |
| —                     | M33<br>(rigid and spring)               | 66-9266  | Toolbag complete with tools              | 1                  |
| 1                     | M33                                     | 65-9115  | Cylinder head bolt spanner               | 1                  |
| 2                     | M20, M21, M33, AA<br>(rigid and spring) | 65-9133  | Tappet adjusting spanner                 | 1                  |
| 3                     | M20, M21, M33<br>(rigid and spring)     | 1-3051   | Double ended spanner                     | 1                  |
| 4                     | M20, M21, M33<br>(rigid and spring)     | 90-9024  | Cable clip (rubber) (small)              | 4                  |
| 5                     | M20, M21, M33, AA<br>(rigid and spring) | 65-9130  | Tappet feelers complete                  | 1                  |
| 6                     | M20, M21, M33<br>(rigid and spring)     | 66-9049  | Cable clip (rubber) (large)              | 8                  |
| 7                     | M20, M21, M33, AA<br>(rigid and spring) | 65-9132  | Tappet spanner                           | 1                  |
| 8                     | M20, M21, M33<br>(rigid)                | 66-9052  | Hub adjusting sleeve spanner             | 1                  |
| 9                     | M20, M21, M33<br>(rigid and spring)     | 65-9246  | Combined spanner                         | 1                  |
| 10                    | M20, M21, M33, AA<br>(rigid and spring) | 65-9243  | Front fork top nut and gland nut spanner | 1                  |
| 11                    | AA                                      | 66-9234  | Licence holder (Automobile Association)  | 1                  |
| 12                    | M20, M21, M33<br>(rigid and spring)     | 42-9026  | Inflator                                 | 1                  |
| 13                    | M20, M21, M33                           | 29-9221  | Licence holder                           | 1                  |
| 14                    | M20, M21, M33<br>(rigid and spring)     | 65-9282  | Toolbag only                             | 1                  |
| 15                    | M20, M21, M33<br>(rigid and spring)     | 29-9252  | Tyre lever                               | 1                  |
| 16                    | M20, M21, M33, AA<br>(rigid and spring) | 29-9253  | Tommy bar                                | 1                  |
| 17                    | M20, M21, M33, AA<br>(rigid)            | 66-9042  | Wheel alignment gauge                    | 1                  |
| 18                    | M20, M21, M33, AA<br>(rigid and spring) | 66-9036  | Cylinder base nut spanner                | 1                  |
| 19                    | M20, M21, M33<br>(rigid and spring)     | 29-9257  | Box spanner                              | 1                  |
| 20                    | M20, M21, M33<br>(rigid and spring)     | 65-9266  | Box spanner                              | 1                  |
| 21                    | M20, M21, M33<br>(spring)               | 65-9245  | Hub spindle nut spanner                  | 1                  |
| 22                    | M20, M21, M33<br>(rigid)                | 66-9067  | Hub spindle nut spanner                  | 1                  |
| 23                    | M21 AA                                  | 15-832   | Box spanner (small)                      | 1                  |
| 24                    | M20, M21, M33<br>(rigid)                | 24-8957  | Hub spindle nut spanner tommy bar        | 1                  |
| 25                    | M21, M21, M33<br>(rigid and spring)     | 29-9251  | Magdyno spanner                          | 1                  |
| 26                    | M20, M21, M33, AA<br>(rigid and spring) | 66-9132  | Sparking plug spanner and screwdriver    | 1                  |
| 27                    | M20, M21, M33<br>(rigid and spring)     | 29-9254  | Combination spanner                      | 1                  |
| 28                    | M20, M21, M33<br>(rigid and spring)     | 24-8944  | Cable clip (Shamrock pattern)            | 2                  |
| 29                    | M20, M21, M33<br>(rigid and spring)     | 66-9113  | Cable clip                               | 1                  |

Tools and  
SundriesElectrical  
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# ELECTRICAL EQUIPMENT "M" Group



Electrical Equipment  
"M" Group

## ELECTRICAL EQUIPMENT

"M" Group

| Plate Ref.<br>Number. | Models.                             | Part No | Description.                                                           | Number<br>per set. |
|-----------------------|-------------------------------------|---------|------------------------------------------------------------------------|--------------------|
| 1                     | M20, M21, M33                       | 24-8944 | Control cable clip (Shamrock pattern)                                  | 2                  |
| 2                     | M20, M21, M33                       | 66-9113 | Speedometer cable clip                                                 | 2                  |
| 3                     | M20, M21, M33                       | 19-1011 | Stop and tail lamp                                                     | 1                  |
| 4                     | M20, M21, M33                       | 19-1106 | Stop lamp switch                                                       | 1                  |
| 5                     | M20, M21, M33                       | 28-2338 | Switch clip bolt                                                       | 1                  |
| 6                     | M20, M21, M33                       | 24-8928 | Stop light switch plate clip                                           | 1                  |
| 7                     | M20, M21, M33                       | 2-1309  | Switch to plate screw                                                  | 2                  |
| 8                     | M20, M21, M33                       | 2-923   | Switch clip bolt washer (plain)                                        | 1                  |
| 9                     | M20, M21, M33                       | 36-382  | Switch clip bolt washer (shakeproof)                                   | 1                  |
| 10                    | M20, M21, M33                       | 2-49    | Switch clip bolt nut                                                   | 1                  |
| 11                    | M20, M21, M33                       | 19-1212 | Magdyno                                                                | 1                  |
| 12                    | M20, M21, M33<br>(rigid)            | 2-2395  | Voltage control mounting bracket bolt nut                              | 2                  |
| 13                    | M20, M21, M33<br>(rigid and spring) | 2-1462  | Voltage control mounting bracket bolt washer (spring)                  | 2                  |
| 14                    | M20, M21, M33<br>(rigid)            | 2-2395  | Voltage control support bolt nut                                       | 2                  |
| 15                    | M20, M21, M33<br>(rigid and spring) | 27-8560 | Voltage control support bolt washer (plain)                            | 3                  |
| 16                    | M20, M21, M33                       | 15-7383 | Voltage control support bolt washer (rubber) (up to 1955)              | 2                  |
| 17                    | M20, M21, M33<br>(rigid)            | 27-8560 | Voltage control support bolt washer (plain)                            | 3                  |
| 18                    | M20, M21, M33<br>(rigid)            | 66-6816 | Voltage control mounting bracket (up to 1955)                          | 1                  |
| 19                    | M20, M21, M33<br>(rigid)            | 24-225  | Voltage control support bolt (up to 1955)                              | 2                  |
| 20                    | M20, M21, M33<br>(rigid)            | 2-1374  | Voltage control mounting bracket bolt washer (plain)                   | 2                  |
| 21                    | M20, M21, M33<br>(rigid)            | 2-14    | Voltage control mounting bracket bolt                                  | 2                  |
| 22                    | M20, M21, M33                       | 2-47    | Switch to plate screw nut                                              | 2                  |
| 23                    | M20, M21, M33                       | 29-3319 | Switch to plate screw washer (shakeproof)                              | 2                  |
| 24                    | M20, M21, M33                       | 29-9342 | Stop light switch plate                                                | 1                  |
| 25                    | M20, M21, M33                       | 65-9234 | Operating spring                                                       | 1                  |
| 25                    | M20, M21, M33<br>(spring)           | 65-9231 | Operating spring (up to 1955)                                          | 1                  |
| 26                    | M20, M21, M33                       | 65-5912 | Brake rod clip screw                                                   | 1                  |
| 27                    | M20, M21, M33<br>(rigid)            | 66-9173 | Brake rod clip                                                         | 1                  |
| 27                    | M20, M21, M33<br>(spring)           | 65-9228 | Brake rod clip                                                         | 1                  |
| 28                    | M20, M21, M33                       | 29-3319 | Brake rod clip washer (shakeproof)                                     | 1                  |
| 29                    | M20, M21, M33                       | 2-1588  | Brake rod clip screw nut                                               | 1                  |
| 30                    | M20, M21, M33                       | 67-9067 | Rear reflector (up to 1954)                                            | 1                  |
| 31                    | M20, M21, M33<br>(rigid)            | 2-6537  | Voltage control mounting bracket bolt washer (plain) (up to 1955)      | 2                  |
| 32                    | M20, M21, M33<br>(rigid)            | 29-541  | Voltage control mounting bracket bolt washer (shakeproof) (up to 1955) | 2                  |
| 33                    | M20, M21, M33<br>(rigid)            | 2-51    | Voltage control mounting bracket bolt nut (up to 1955)                 | 2                  |
| 34                    | M20, M21, M33                       | 19-1515 | Voltage regulator                                                      | 1                  |
| 35                    | M20, M21, M33<br>(spring)           | 2-1374  | Voltage control support bolt washer (plain)                            | 2                  |
| 36                    | M20, M21, M33<br>(spring)           | 2-443   | Voltage control support bolt nut (up to 1955)                          | 2                  |
| 37                    | M20, M21, M33<br>(spring)           | 15-7383 | Voltage control support bolt washer (rubber) (up to 1955)              | 2                  |
| 38                    | M20, M21, M33<br>(spring)           | 2-2395  | Voltage control support bolt locknut                                   | 2                  |
| 39                    | M20, M21, M33<br>(spring)           | 2-1374  | Voltage control support bolt washer (plain)                            | 2                  |
| 40                    | M20, M21, M33<br>(spring)           | 2-14    | Voltage control support bolt                                           | 2                  |
| 41                    | M20, M21, M33                       | 19-2012 | Electric horn push (up to 1955)                                        | 1                  |
| —                     | M20, M21, M33                       | 19-706  | Horn push and dipper switch                                            | 1                  |
| —                     | M20, M21, M33                       | 19-709  | Horn push and dipper switch (Western type handlebars)                  | 1                  |
| 42                    | M20, M21, M33                       | 67-5090 | Cowl speedometer blanking washer (when speedometer is not fitted)      | 1                  |
| 43                    | M20, M21, M33                       | 65-5435 | Front fork bottom yoke bolt                                            | 2                  |
| 44                    | M20, M21, M33                       | 67-5087 | Headlamp cowl rubber extrusion                                         | 1                  |

Electrical  
EquipmentFront and Rear  
Safety Bars,  
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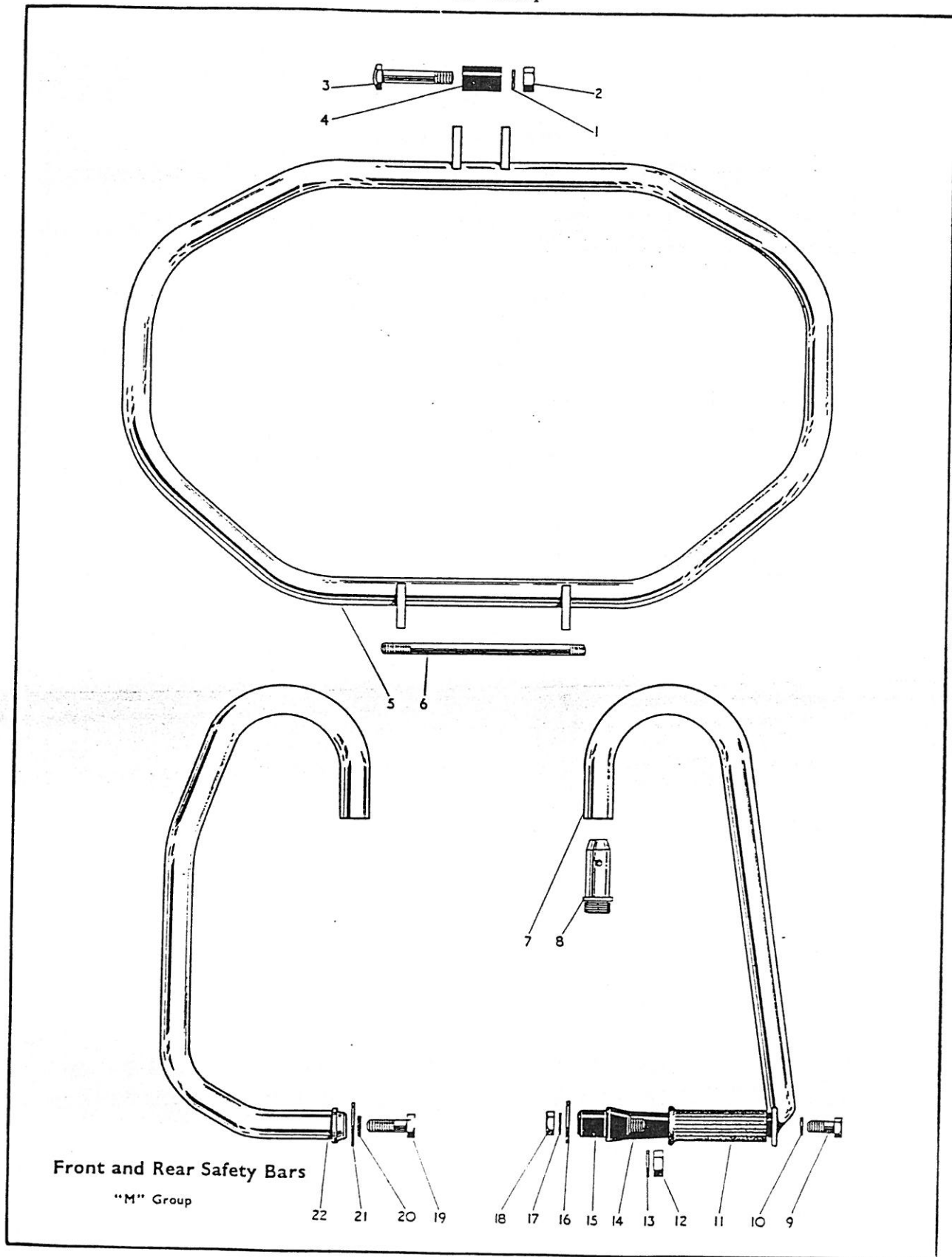
## ELECTRICAL EQUIPMENT

"M" Group

| Plate Ref.<br>Number. | Models.                       | Part No.    | Description.                                             | Number<br>per set. |
|-----------------------|-------------------------------|-------------|----------------------------------------------------------|--------------------|
| 45                    | ... M20, M21, M33             | ... 19-660  | ... Harness with switch and dipper switch (up to 1955)   | 1                  |
| 45                    | ... M21, M33                  | ... 19-712  | ... Headlamp switch and cable assembly                   | 1                  |
| 46                    | ... M20, M21, M33             | ... 19-2002 | ... Electric horn (up to 1955)                           | 1                  |
| 46                    | ... M20, M21, M33<br>(rigid)  | ... 42-9046 | ... Electric horn                                        | 1                  |
| 46                    | ... M20, M21, M33<br>(spring) | ... 19-2004 | ... Electric horn (up to 1955)                           | 1                  |
| 46                    | ... M21, M33                  | ... 19-2022 | ... Electric horn                                        | 1                  |
| 47                    | ... M20                       | ... 19-2108 | ... Speedometer (80 m.p.h.) (cowl fitting) (up to 1954)  | 1                  |
| 47                    | ... M20                       | ... 19-2118 | ... Speedometer (140 k.p.h.) (cowl fitting) (up to 1954) | 1                  |
| 47                    | ... M20                       | ... 19-2111 | ... Speedometer (120 m.p.h.) (cowl fitting)              | 1                  |
| 47                    | ... M20                       | ... 19-2117 | ... Speedometer (180 k.p.h.) (cowl fitting)              | 1                  |
| 47                    | ... M20                       | ... 19-2122 | ... Speedometer (180 k.p.h.) (cowl fitting) (1955)       | 1                  |
| 47                    | ... M21                       | ... 19-2103 | ... Speedometer (80 m.p.h.) (cowl fitting) (up to 1954)  | 1                  |
| 47                    | ... M21                       | ... 19-2117 | ... Speedometer (140 k.p.h.) (cowl fitting) (up to 1954) | 1                  |
| 47                    | ... M21                       | ... 19-2109 | ... Speedometer (120 m.p.h.) (cowl fitting) (1955)       | 1                  |
| 47                    | ... M21                       | ... 19-2121 | ... Speedometer (180 k.p.h.) (cowl fitting) (1955)       | 1                  |
| 47                    | ... M33                       | ... 19-2109 | ... Speedometer (120 m.p.h.) (cowl fitting)              | 1                  |
| 47                    | ... M33                       | ... 19-2121 | ... Speedometer (180 k.p.h.) cowl fitting)               | 1                  |
| 48                    | ... M20, M21, M33             | ... 67-5088 | ... Speedometer mounting rubber (cowl fitting)           | 1                  |
| 49                    | ... M20, M21, M33             | ... 19-649  | ... Ammeter                                              | 1                  |
| 50                    | ... M20, M21, M33             | ... 29-9341 | ... Speedometer cable                                    | 1                  |
| 50                    | ... M21 A.A. Model            | ... 66-9177 | ... Speedometer cable                                    | 1                  |
| 51                    | ... M20, M21, M33             | ... 67-5084 | ... Head lamp cowl                                       | 1                  |
| 52                    | ... M20, M21, M33             | ... 19-536  | ... Head Lamp                                            | 1                  |
| 52                    | ... M21 AA                    | ... 19-528  | ... Headlamp with pilot light in reflector               | 1                  |
| 53                    | ... M21 A.A. Model            | ... 65-9179 | ... Speedometer mounting bolt (1955)                     | 2                  |
| 53                    | ... M21 AA Model              | ... 21-5620 | ... Speedometer bracket bolt                             | 2                  |
| —                     | ... M21 AA Model              | ... 66-9262 | ... Speedometer bracket distance piece                   | 2                  |
| 54                    | ... M21 AA Model              | ... 2-1374  | ... Speedometer mounting bolt washer                     | 2                  |
| 55                    | ... M21 AA Model              | ... 15-7383 | ... Speedometer mounting rubber                          | 4                  |
| 56                    | ... M21 AA Model              | ... 65-9111 | ... Speedometer bracket                                  | 2                  |
| —                     | ... M20, M21, M33             | ... 19-1552 | ... Battery                                              | 1                  |

# FRONT and REAR SAFETY BARS

"M" Group



## Plate 22

## FRONT and REAR SAFETY BARS

"M" Group (Rigid and Spring)

| Plate Ref.<br>Number. | Models.                             | Part No. | Description.                                                                                 | Number<br>per set. |
|-----------------------|-------------------------------------|----------|----------------------------------------------------------------------------------------------|--------------------|
| 1                     | M20, M21, M33<br>(rigid and spring) | 3-110    | Front safety bar bolt washer (spring)                                                        | 1                  |
| 2                     | M20, M21, M33<br>(rigid and spring) | 2-1925   | Front safety bar bolt nut                                                                    | 1                  |
| 3                     | M20, M21, M33<br>(rigid and spring) | 24-5658  | Front safety bar bolt                                                                        | 1                  |
| 4                     | M20, M21, M33<br>(rigid and spring) | 67-4925  | Front safety bar bolt bush                                                                   | 1                  |
| 5                     | M20, M21, M33<br>(rigid and spring) | 66-4835  | Front safety bar complete                                                                    | 1                  |
| 6                     | M20, M21, M33<br>(rigid and spring) | 66-4175  | Front engine plate and chainstay stud                                                        | 1                  |
| —                     | M21, M33<br>(rigid and spring)      | 15-541   | Front engine plate and chainstay stud nut                                                    | 2                  |
| 7                     | M20, M21, M33<br>(spring)           | 67-4932  | Rear safety bar complete (nearside) (when pillion footrests are fitted)                      | 1                  |
| 7                     | M20, M21, M33<br>(spring)           | 67-4926  | Rear safety bar complete (offside) (when pillion footrests are fitted)                       | 1                  |
| 8                     | M20, M21, M33<br>(spring)           | 67-4928  | Rear safety bar adaptor (top)                                                                | 2                  |
| 9                     | M20, M21, M33<br>(spring)           | 29-6110  | Rear safety bar and pillion footrest bolt (when pillion footrests are fitted)                | 2                  |
| 10                    | M20, M21, M33<br>(spring)           | 2-2138   | Rear safety bar and pillion footrest bolt washer (when pillion footrests are fitted)         | 2                  |
| 11                    | M20, M21, M33<br>(spring)           | 66-7363  | Pillion footrest rubber                                                                      | 2                  |
| 12                    | M20, M21, M33<br>(spring)           | 29-905   | Rear safety bar adaptor nut (when pillion footrests are fitted)                              | 2                  |
| 13                    | M20, M21, M33<br>(spring)           | 24-5914  | Rear safety bar adaptor washer (when pillion footrests are fitted)                           | 2                  |
| 14                    | M20, M21, M33<br>(spring)           | 67-4873  | Pillion footrest                                                                             | 2                  |
| 15                    | M20, M21, M33<br>(spring)           | 67-4875  | Pillion footrest adaptor (bottom)                                                            | 2                  |
| 16                    | M20, M21, M33<br>(spring)           | 30-659   | Rear safety bar and pillion footrest washer (large) (when pillion footrests are fitted)      | 2                  |
| 17                    | M20, M21, M33<br>(spring)           | 66-4708  | Rear safety bar and pillion footrest washer (shakeproof) (when pillion footrests are fitted) | 2                  |
| 18                    | M20, M21, M33<br>(spring)           | 31-7275  | Rear safety bar and pillion footrest bolt (when pillion footrests are fitted)                | 2                  |
| 19                    | M20, M21, M33<br>(spring)           | 3-1271   | Rear safety bar bolt (when pillion footrests not fitted)                                     | 2                  |
| 20                    | M20, M21, M33<br>(spring)           | 66-4708  | Rear safety bar bolt washer (shakeproof) (when pillion footrests not fitted)                 | 2                  |
| 21                    | M20, M21, M33<br>(spring)           | 30-659   | Rear safety bar bolt washer (large) (when pillion footrests not fitted)                      | 2                  |
| 22                    | M20, M21, M33<br>(spring)           | 66-4822  | Rear safety bar complete (offside) (when pillion footrests not fitted)                       | 1                  |
| 22                    | M20, M21, M33<br>(spring)           | 66-4823  | Rear safety bar complete (nearside) (when pillion footrests not fitted)                      | 1                  |
| —                     | M20, M21, M33<br>(spring)           | 66-4832  | Rear safety bar complete assembly                                                            | 1                  |

## CARBURETTER and SETTINGS—1949 to 1957

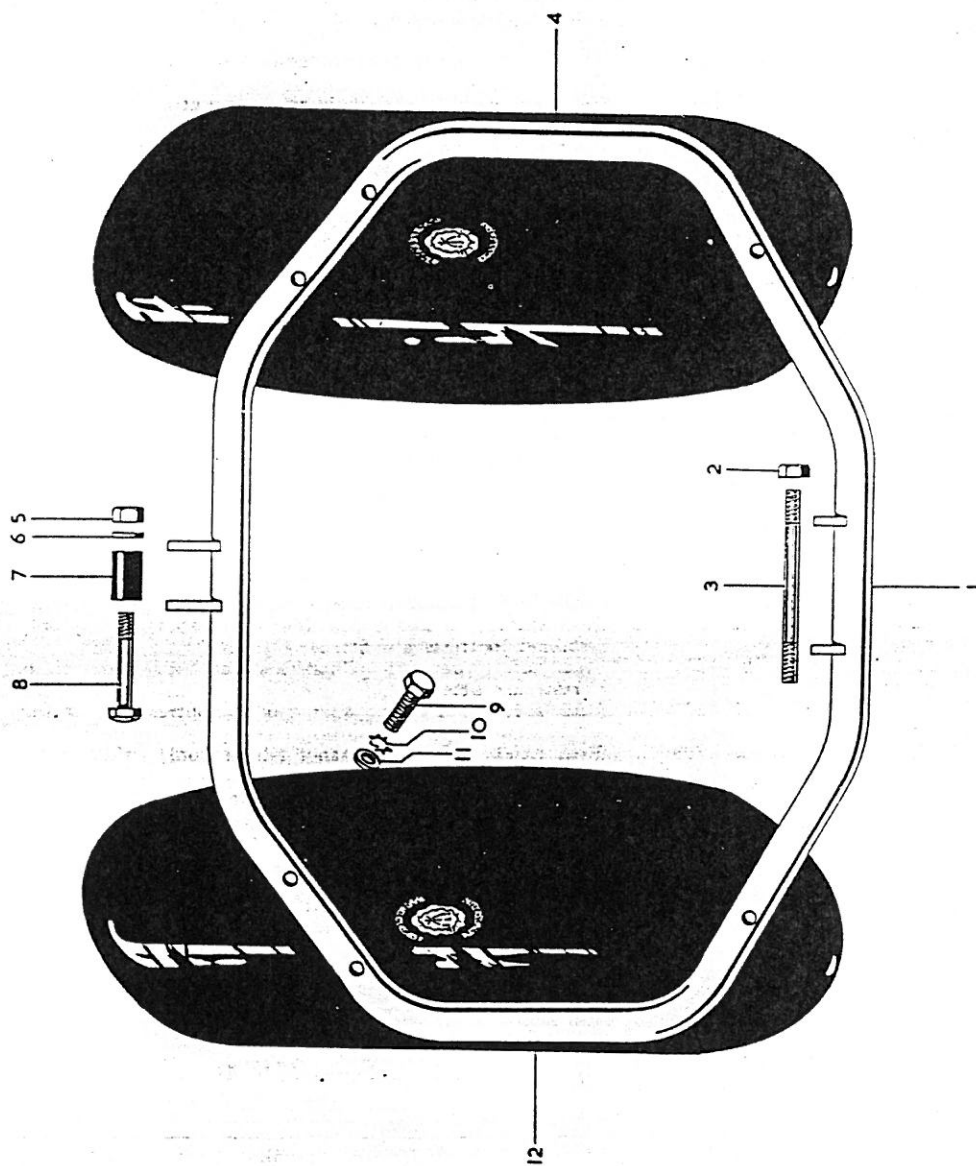
|                          | 1949 to 1954 |          |          | 1955/6/7 |        |           |
|--------------------------|--------------|----------|----------|----------|--------|-----------|
|                          | M20          | M21      | M33      | M20      | M21    | M33       |
| Carburetter (type)       | 276C/1B      | 276BR/1B | 289G/1AT | 376/21   | 376/23 | 376/10    |
| Choke size (inches)      | 1            | 1-1/16   | 1-1/8    | 1        | 1-1/16 | 1-1/16    |
| Jet number               | 170          | 160      | 200      | 240      | 250    | 260       |
| Pilot jet                | —            | —        | —        | 30       | 30     | 25        |
| Throttle Valve number    | 6/4          | 6/4      | 29/4     | 376/5    | 376/5  | 376/3 1/2 |
| Needle position          | 2            | 2        | 3        | 3        | 2      | 3         |
| Needle jet               | .1065        | .1065    | .1065    | .1065    | .1065  | .1065     |
| Engine end size (inches) | 1            | 1-1/16   | 1-1/8    | 1        | 1-1/16 | 1-1/16    |



# SAFETY BARS and LEGSHIELDS

"M" Group (Rigid and Spring)

Safety Bars  
and Legshields



## Plate 23

## SAFETY BARS and LEGSHIELDS

"M" Group (Rigid and Spring)

| Plate Ref.<br>Number. | Model.  | Part No. | Description.                              | Number<br>per set. |
|-----------------------|---------|----------|-------------------------------------------|--------------------|
| 1                     | M Group | 66-4816  | Front safety bar complete                 | 1                  |
| 2                     | M Group | 15-541   | Front engine plate and chainstay bolt nut | 2                  |
| 3                     | M Group | 66-4175  | Front engine plate and chainstay stud     | 1                  |
| 4                     | M Group | 66-7392  | Legshield (nearside)                      | 1                  |
| 5                     | M Group | 2-1925   | Front safety bar bolt nut                 | 1                  |
| 6                     | M Group | 3-110    | Front safety bar bolt spring washer       | 1                  |
| 7                     | M Group | 67-4925  | Front safety bar bush                     | 1                  |
| 8                     | M Group | 24-5658  | Front safety bar bolt                     | 1                  |
| 9                     | M Group | 2-1354   | Legshield fixing bolts                    | 6                  |
| 10                    | M Group | 29-541   | Legshield fixing bolt washer (shakeproof) | 6                  |
| 11                    | M Group | 25-7180  | Legshield fixing bolt washer (plain)      | 6                  |
| 12                    | M Group | 66-7393  | Legshield (offside)                       | 1                  |

## SIDECAR CHASSIS

No. 22 and No. 23.

| Plate Ref.<br>Number. | Model.    | Part No. | Description.                                                                   | Number<br>per set. |
|-----------------------|-----------|----------|--------------------------------------------------------------------------------|--------------------|
| 1                     | 22 and 23 | 2-47     | Reflector fixing screw nut                                                     | 1                  |
| 2                     | 22 and 23 | 29-3319  | Reflector fixing screw washer (shakeproof)                                     | 1                  |
| 3                     | 22 and 23 | 2-1096   | Reflector fixing screw washer (plain)                                          | 1                  |
| 4                     | 22 and 23 | 1-4606   | Reflector fixing screw                                                         | 1                  |
| 5                     | 22 and 23 | 66-6825  | Reflector                                                                      | 1                  |
| 6                     | 22 and 23 | 3-1826   | Sidecar lamp rubber mounting                                                   | 1                  |
| 7                     | 22 and 23 | 19-1117  | Sidecar lamp (red to rear clear to front)                                      | 1                  |
| 8                     | 22 and 23 | 2-2395   | Reflector mounting bracket nut (M group rigid models)                          | 2                  |
| 9                     | 22 and 23 | 2-1462   | Reflector mounting bracket washer (spring) (M group rigid models).             | 2                  |
| 10                    | 22 and 23 | 27-8560  | Reflector mounting bracket washer (plain) (M group rigid models).              | 2                  |
| 11                    | 22 and 23 | 15-7161  | Reflector mounting bracket screw (M group rigid models)                        | 2                  |
| 12                    | 22 and 23 | 3-1820   | Reflector mounting bracket (M group rigid models)                              | 1                  |
| 13                    | 22 and 23 | 3-1828   | Mudguard                                                                       | 1                  |
| 14                    | 22 and 23 | 1-5945   | Mudguard upright rear and front stay screw                                     | 6                  |
| 15                    | 22 and 23 | 27-8560  | Mudguard upright rear and front stay washer (plain)                            | 6                  |
| 16                    | 22 and 23 | 2-1462   | Mudguard upright rear and front stay washer (spring)                           | 6                  |
| 17                    | 22 and 23 | 2-2395   | Mudguard upright rear and front stay nut                                       | 6                  |
| 18                    | 22 and 23 | 2-2899   | Mudguard upright stay bolt washer (plain)                                      | 2                  |
| 19                    | 22 and 23 | 3-101    | Mudguard stay fixing packing washer (plain)                                    | 2                  |
| 20                    | 22 and 23 | 28-2338  | Mudguard rear stay bolt                                                        | 2                  |
| 21                    | 22 and 23 | 24-8784  | Mudguard upright stay bolt washer (spring)                                     | 2                  |
| 22                    | 22 and 23 | 2-49     | Mudguard upright stay bolt nut                                                 | 2                  |
| 23                    | 22 and 23 | 3-1731   | Mudguard stays complete                                                        | 1                  |
| 24                    | 22 and 23 | 3-1795   | Mudguard support and spindle nut                                               | 1                  |
| 25                    | 22 and 23 | 24-4237  | Mudguard support and spindle nut washer                                        | 1                  |
| 26                    | 22 and 23 | 3-1816   | Wheel spindle securing nut                                                     | 1                  |
| 27                    | 22 and 23 | 27-8039  | Hub spindle bracket washer (plain)                                             | 1                  |
| 28                    | 22 and 23 | 3-1702   | Hub spindle                                                                    | 1                  |
| 29                    | 22 and 23 | 3-1241   | Hub spindle cone (fixed)                                                       | 1                  |
| 30                    | 22 and 23 | 3-34     | Hub spindle cone (adjusting)                                                   | 1                  |
| 31                    | 22 and 23 | 35-705   | Hub spindle cone castle nut split pin                                          | 1                  |
| 32                    | 22 and 23 | 3-103    | Hub spindle cone washer (plain)                                                | 1                  |
| 33                    | 22 and 23 | 3-62     | Hub spindle cone castle nut                                                    | 1                  |
| 34                    | 22 and 23 | 3-1685   | Hub shell cap                                                                  | 1                  |
| 35                    | 22 and 23 | 1-4675   | Hub ball bearings (for hub cup small)                                          | 14                 |
| 36                    | 22 and 23 | 3-37     | Hub cup (small)                                                                | 1                  |
| 37                    | 22 and 23 | 3-9077   | Hub shell complete with cups                                                   | 1                  |
| 38                    | 22 and 23 | 3-36     | Hub cup (large)                                                                | 1                  |
| 39                    | 22 and 23 | 1-4675   | Hub ball bearings (for hub cup large)                                          | 17                 |
| 40                    | 22 and 23 | 28-2080  | Hub shell grease nipple                                                        | 1                  |
| 41                    | 22 and 23 | 3-1509   | Rear bearer bar castle nut                                                     | 2                  |
| 42                    | 22 and 23 | 35-708   | Rear bearer bar castle nut split pin                                           | 2                  |
| 43                    | 22        | 2-46     | Rear bearer bar connecting bolt nut (for use with No. 48 commercial box body). | 2                  |

# SIDECAR CHASSIS—continued

No. 22, and No. 23

| Plate Ref.<br>Number. | Model.    | Part No. | Description.                                                                                  | Number<br>per set. |
|-----------------------|-----------|----------|-----------------------------------------------------------------------------------------------|--------------------|
| 44 ...                | 22        | 3-111    | Rear bearer bar connecting bolt washer (spring)                                               | 2                  |
| 45 ...                | 22        | 3-1712   | Rear bearer bar connecting bolt (for use with No. 48 commercial box body).                    | 2                  |
| 46 ...                | 22        | 65-4185  | Rear bearer bar connecting bolt (No. 47 & 51 commercial box body, not used with metal floor). | 2                  |
| 46 ...                | 22        | 67-4030  | Rear bearer bar connecting bolt (replaces 66-4185 on No. 51 & 54 bodies with metal floor).    | 2                  |
| 47 ...                | 22 and 23 | 3-1703   | Rear bearer bar                                                                               | 1                  |
| 48 ...                | 22 and 23 | 28-2080  | Rear spring shackle grease nipple (bottom)                                                    | 2                  |
| 49 ...                | 22 and 23 | 3-1704   | Rear spring shackle complete with bush                                                        | 2                  |
| 50 ...                | 22 and 23 | 15-5753  | Rear spring shackle bolt nut                                                                  | 2                  |
| 51 ...                | 22 and 23 | 3-107    | Rear spring shackle bolt washer (spring)                                                      | 2                  |
| 52 ...                | 22 and 23 | 3-1706   | Rear spring shackle bush                                                                      | 2                  |
| 53 ...                | 22 and 23 | 28-2080  | Rear spring shackle grease nipple                                                             | 1                  |
| 54 ...                | 22 and 23 | 3-1746   | Rear spring complete with bush                                                                | 2                  |
| 55 ...                | 22 and 23 | 3-1700   | Main rear connection                                                                          | 1                  |
| 56 ...                | 22 and 23 | 28-2080  | Main rear connection grease nipple                                                            | 1                  |
| 57 ...                | 22 and 23 | 3-1383   | Rear spring shackle bolt                                                                      | 2                  |
| 58 ...                | 22 and 23 | 30-650   | Rear bearer bar connecting bolt clamp washer (plain)                                          | 2                  |
| 59 ...                | 22 and 23 | 2-1925   | Saddle pillar telescopic lug bolt nut                                                         | 1                  |
| 60 ...                | 22 and 23 | 3-1709   | Axle tube complete                                                                            | 1                  |
| 61 ...                | 22 and 23 | 24-875   | Rear bearer bar thrust washer                                                                 | 2                  |
| 62 ...                | 22 and 23 | 2-1945   | Rear bearer bar washer (plain)                                                                | 2                  |
| 63 ...                | 22 and 23 | 2-803    | Sidcar stand bolt                                                                             | 1                  |
| 64 ...                | 22 and 23 | 3-1379   | Sidcar stand                                                                                  | 1                  |
| 65 ...                | 22 and 23 | 2-995    | Sidcar stand bolt washer (double spring)                                                      | 1                  |
| 66 ...                | 22 and 23 | 2-1813   | Sidcar stand bolt nut                                                                         | 1                  |
| 67 ...                | 22 and 23 | 35-713   | Tube and spindle castle nut split pin                                                         | 2                  |
| 68 ...                | 22 and 23 | 24-5914  | Tube and spindle washer (plain)                                                               | 2                  |
| 69 ...                | 22 and 23 | 3-953    | Tube and spindle castle nut                                                                   | 2                  |
| 70 ...                | 22 and 23 | 3-1701   | Wheel bracket                                                                                 | 1                  |
| 71 ...                | 22 and 23 | 3-1715   | Rear spring plate clamp stud                                                                  | 8                  |
| 72 ...                | 22 and 23 | 3-1289   | Saddle pillar telescopic tube lug bolt                                                        | 1                  |
| 73 ...                | 22 and 23 | 15-716   | Saddle pillar telescopic tube bottom lug bolt washer (spring)                                 | 1                  |
| 74 ...                | 22 and 23 | 3-1290   | Saddle pillar telescopic bottom washer (spherical)                                            | 1                  |
| 75 ...                | 22 and 23 | 3-1252   | Saddle pillar telescopic tube bottom lug                                                      | 1                  |
| 76 ...                | 22 and 23 | 3-1271   | Saddle pillar tube lug bolt                                                                   | 1                  |
| 77 ...                | 22 and 23 | 3-1714   | Rear spring plate                                                                             | 4                  |
| 78 ...                | 22 and 23 | 35-33    | Rear spring plate clamp stud washer (spring)                                                  | 8                  |
| 79 ...                | 22 and 23 | 2-49     | Rear spring plate clamp stud nut                                                              | 8                  |
| 80 ...                | 22 and 23 | 3-111    | Saddle pillar tube lug bolt nut                                                               | 1                  |
| 81 ...                | 22 and 23 | 15-716   | Saddle pillar tube lug bolt washer (spring)                                                   | 1                  |
| 82 ...                | 22 and 23 | 3-1393   | Saddle pillar tube lug                                                                        | 1                  |
| 83 ...                | 22 and 23 | 3-107    | Saddle pillar connecting bolt washer (spring)                                                 | 1                  |
| 84 ...                | 22 and 23 | 3-1137   | Saddle pillar connecting bolt nut                                                             | 1                  |
| 85 ...                | 22 and 23 | 30-729   | Saddle pillar connecting bolt washer (plain)                                                  | 1                  |
| 86 ...                | 22 and 23 | 3-619    | Saddle pillar tube lug bolt                                                                   | 1                  |
| 87 ...                | 22 and 23 | 3-1724   | Saddle pillar tube complete                                                                   | 1                  |
| 88 ...                | 22 and 23 | 3-1258   | Saddle pillar telescopic tube lug                                                             | 1                  |
| 89 ...                | 22 and 23 | 2-1925   | Saddle pillar tube lug bolt nut                                                               | 1                  |
| 90 ...                | 22 and 23 | 3-1603   | Saddle pillar telescopic tube complete                                                        | 1                  |
| 91 ...                | 22 and 23 | 3-619    | Front support tube bolt (motor cycle end)                                                     | 1                  |
| 92 ...                | 22 and 23 | 2-46     | Front bottom tube bolt nut (motor cycle end)                                                  | 1                  |
| 93 ...                | 22 and 23 | 3-1259   | Front bottom connection                                                                       | 1                  |
| 94 ...                | 22 and 23 | 2-1925   | Front bottom connection bolt nut                                                              | 1                  |
| 95 ...                | 22 and 23 | 3-1271   | Front bottom connection bolt                                                                  | 1                  |
| 96 ...                | 22 and 23 | 3-1728   | Front support tube                                                                            | 1                  |
| 97 ...                | 22 and 23 | 3-1369   | Front spring bearer bar                                                                       | 1                  |
| 98 ...                | 22 and 23 | 3-345    | Front stay cone nut                                                                           | 1                  |
| 99 ...                | 22 and 23 | 3-108    | Front stay cone nut washer (spring)                                                           | 1                  |
| 100 ...               | 22 and 23 | 3-1792   | Front stay cone collar (M models 1951)                                                        | 1                  |
| 101 ...               | 22 and 23 | 3-9274   | Front stay complete                                                                           | 1                  |
| 102 ...               | 22        | 30-1605  | Front spring bracket bolt (replaces 30-1215 on 51 and 54 bodies with metal floor).            | 4                  |
| 102 ...               | 22        | 30-1215  | Front spring bracket bolt (not used with metal floor)                                         | 4                  |
| 103 ...               | 22 and 23 | 3-641    | Front spring clamp plate                                                                      | 2                  |
| 104 ...               | 22 and 23 | 3-603    | Front spring bracket                                                                          | 2                  |
| 105 ...               | 22 and 23 | 2-49     | Front spring connecting bolt nut                                                              | 4                  |
| 106 ...               | 22 and 23 | 3-861    | Front spring                                                                                  | 2                  |



# SIDECAR CHASSIS—continued

No. 22, and No. 23.

| Plate Ref.<br>Number. | Model.    | Part No. | Description.                                                                       | Number<br>per set. |
|-----------------------|-----------|----------|------------------------------------------------------------------------------------|--------------------|
| 107                   | 22 and 23 | 3-1372   | Front connecting lug bolt                                                          | 1                  |
| 108                   | 22 and 23 | 3-1373   | Front connecting lug                                                               | 1                  |
| 109                   | 22 and 23 | 35-33    | Front spring bracket bolt washer (spring)                                          | 4                  |
| 110                   | 22 and 23 | 2-803    | Front spring connecting bolt                                                       | 2                  |
| 111                   | 22 and 23 | 3-110    | Front connecting lug clip bolt washer (spring)                                     | 1                  |
| 112                   | 22 and 23 | 3-1271   | Front connecting lug clip bolt                                                     | 1                  |
| 113                   | 22 and 23 | 3-839    | Front spring cup                                                                   | 2                  |
| 114                   | 22 and 23 | 3-111    | Front spring connecting bolt washer (spring)                                       | 2                  |
| 115                   | 22 and 23 | 2-49     | Front spring and bearer bar connecting nut                                         | 1                  |
| 116                   | 22 and 23 | 35-713   | Front connecting lug bolt split pin                                                | 1                  |
| 117                   | 22 and 23 | 3-953    | Front connecting lug bolt castle nut                                               | 1                  |
| 118                   | 22 and 23 | 24-5914  | Front connecting lug bolt packing washer (plain)                                   | 1                  |
| 119                   | 22 and 23 | 27-6974  | Mudguard support tube bolt nut                                                     | 1                  |
| 120                   | 22 and 23 | 24-5860  | Mudguard support bolt distance nut                                                 | 1                  |
| 121                   | 22 and 23 | 31-7275  | Mudguard support tube bolt                                                         | 1                  |
| 122                   | 22 and 23 | 3-9263   | Inside strut complete                                                              | 1                  |
| 123                   | 22 and 23 | 3-1741   | Mudguard stay support tube complete                                                | 2                  |
| 124                   | 22 and 23 | 2-49     | Support tube lug bolt nut                                                          | 2                  |
| 125                   | 22 and 23 | 35-33    | Support tube lug bolt washer (spring)                                              | 2                  |
| 126                   | 22 and 23 | 3-12     | Support tube lug bolt                                                              | 1                  |
| 127                   | 22 and 23 | 3-9264   | Outside tie complete                                                               | 2                  |
| 128                   | 22 and 23 | 2-46     | Front spring connecting lug stud nut                                               | 2                  |
| 129                   | 23        | 3-1021   | Front spring bracket                                                               | 2                  |
| 130                   | 23        | 3-1080   | Front spring (inner)                                                               | 2                  |
| 131                   | 23        | 3-111    | Front connecting lug clip bolt washer (spring)                                     | 2                  |
| 132                   | 23        | 2-833    | Front connecting lug stud washer (plain)                                           | 1                  |
| 133                   | 23        | 3-1750   | Front spring bearer bar                                                            | 1                  |
| 134                   | 23        | 3-1748   | Front connecting lug                                                               | 1                  |
| 135                   | 22 and 23 | 67-6005  | Wheel rim (WM2-19)                                                                 | 1                  |
| 136                   | 22 and 23 | 67-5545  | Wheel spoke                                                                        | 40                 |
| 137                   | 22 and 23 | 27-6810  | Wheel spoke nipple                                                                 | 40                 |
| 138                   | 22 and 23 | 2-1946   | Sidcar connecting lug stud nut (M rigid)                                           | 1                  |
| 139                   | 22 and 23 | 3-664    | Sidcar connecting lug stud washer (double spring)                                  | 1                  |
| 140                   | 22 and 23 | 3-663    | Connecting lug stud spherical washer                                               | 1                  |
| 141                   | 22 and 23 | 35-722   | Sidcar connecting lug stud nut split pin                                           | 1                  |
| 142                   | 22 and 23 | 33-4160  | Connecting lug stud (M rigid)                                                      | 1                  |
| 143                   | 22 and 23 | 67-4122  | Sidcar connecting lug stud nut (Inside) (not required for M group models).         | 1                  |
| 144                   | 22 and 23 | 35-722   | Sidcar connecting lug stud nut split pin                                           | 1                  |
| 145                   | 22 and 23 | 67-4120  | Sidcar connecting lug stud (not required for M group models) (lug frame threaded). | 1                  |
| 146                   | 22 and 23 | 35-722   | Sidcar connecting lug stud nut split pin                                           | 1                  |
| 147                   | 22 and 23 | 3-663    | Connecting lug stud spherical washer                                               | 1                  |
| 148                   | 22 and 23 | 3-664    | Sidcar connecting lug stud washer (double spring)                                  | 1                  |
| 149                   | 22 and 23 | 2-1946   | Sidcar connecting lug stud nut (not required for M group models).                  | 1                  |
| 150                   | 22 and 23 | 2-1946   | Sidcar connecting lug stud nut (M group plunger)                                   | 1                  |
| 151                   | 22 and 23 | 3-664    | Sidcar connecting stud washer (double spring)                                      | 1                  |
| 152                   | 22 and 23 | 35-722   | Sidcar connecting stud split pin                                                   | 1                  |
| 153                   | 22 and 23 | 3-663    | Connecting lug stud spherical washer                                               | 1                  |
| 154                   | 22 and 23 | 67-4181  | Sidcar connecting lug stud (M group plunger) (lug frame plain)                     | 1                  |
| 155                   | 22 and 23 | 35-722   | Sidcar connecting stud split pin                                                   | 1                  |
| 156                   | 22 and 23 | 67-4182  | Sidcar connecting lug stud nut (M group plunger)                                   | 1                  |
| 157                   | 22 and 23 | 19-1113  | Sidcar lamp cable (6 foot)                                                         | 1                  |

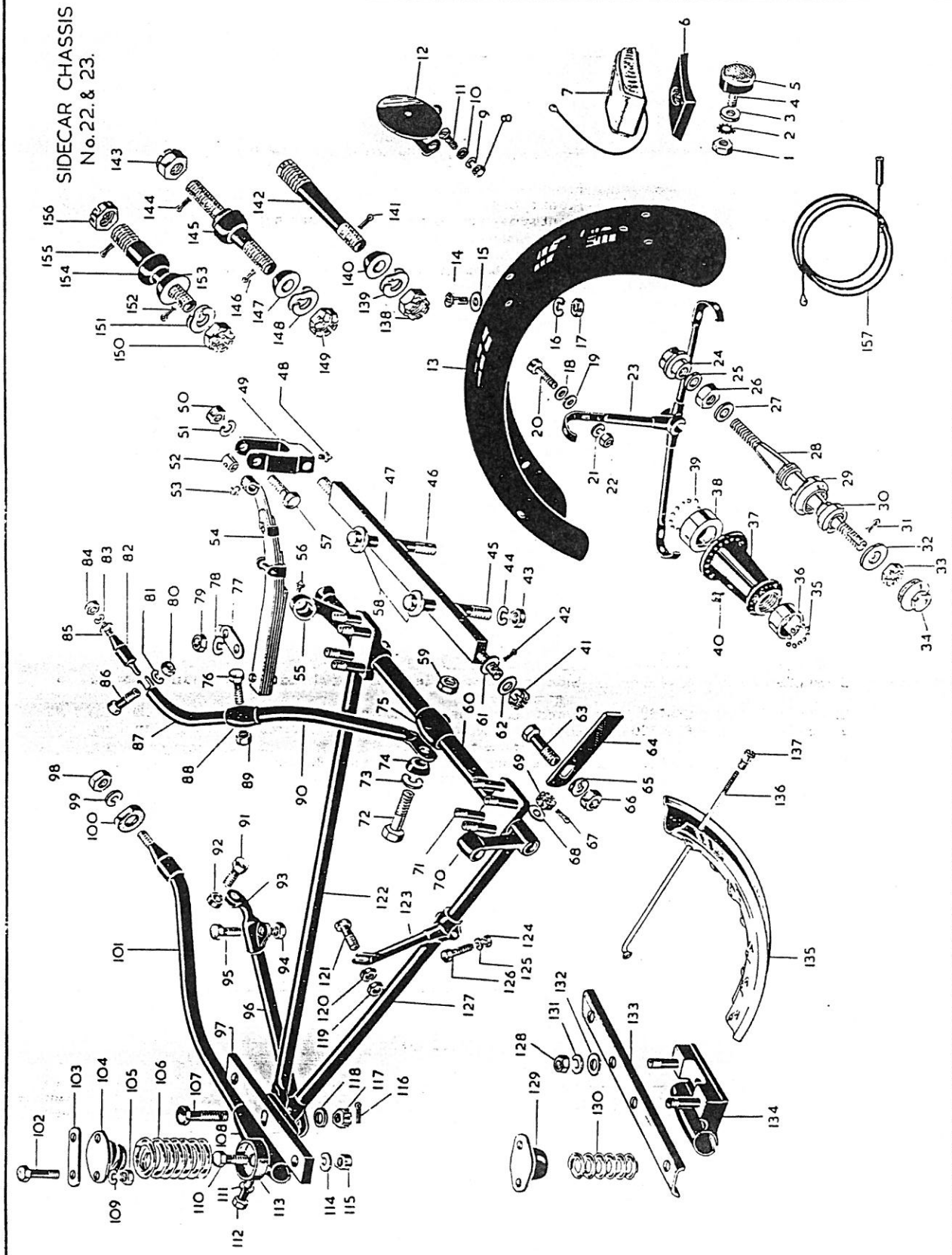
## SIDECAR CHASSIS

No. 20A.A.

| Plate Ref.<br>Number. | Model.   | Part No. | Description.                             | Number<br>per set. |
|-----------------------|----------|----------|------------------------------------------|--------------------|
| 1                     | 20, A.A. | 3-1795   | Hub spindle nut                          | 1                  |
| 2                     | 20, A.A. | 3-1682   | Grease retaining washer cover            | 1                  |
| 3                     | 20, A.A. | 3-1681   | Grease retaining washer cover inner ring | 1                  |
| 4                     | 20, A.A. | 3-1677   | Hub bearing locknut                      | 1                  |
| 5                     | 20, A.A. | 3-1774   | Hub bearing (outer)                      | 1                  |
| 6                     | 20, A.A. | 3-1676   | Hub grease retaining washer (felt)       | 1                  |
| 7                     | 20, A.A. | 3-1686   | Sidcar hub distance piece                | 1                  |

# SIDECAR CHASSIS

No. 22 and No. 23.





# SIDECAR CHASSIS—continued

No 20 A.A.

| Plate Ref.<br>Number. | Model.   | Part No. | Description.                                               | Number<br>per set. |
|-----------------------|----------|----------|------------------------------------------------------------|--------------------|
| 8                     | 20, A.A. | 27-8039  | Hub spindle packing washer                                 | 1                  |
| 9                     | 20, A.A. | 15-5290  | Hub shell grease nipple                                    | 1                  |
| 10                    | 20, A.A. | 3-1772   | Hub shell                                                  | 1                  |
| 11                    | 20, A.A. | 3-1775   | Hub bearing adjuster shim (.005") thick                    | 1                  |
| 11                    | 20, A.A. | 3-1776   | Hub bearing adjuster shim (.010") thick                    | 1                  |
| 11                    | 20, A.A. | 3-1777   | Hub bearing adjuster shim (.020") thick                    | 1                  |
| 12                    | 20, A.A. | 3-1672   | Hub bearing spacer                                         | 1                  |
| 13                    | 20, A.A. | 3-1773   | Hub bearing (inner)                                        | 1                  |
| 14                    | 20, A.A. | 3-1671   | Hub spindle                                                | 1                  |
| 15                    | 20, A.A. | 27-8039  | Hub spindle packing washer                                 | 1                  |
| 16                    | 20, A.A. | 3-1116   | Hub spindle castle nut                                     | 1                  |
| 17                    | 20, A.A. | 35-705   | Hub spindle castle nut split pin                           | 1                  |
| 18                    | 20, A.A. | 27-8039  | Hub spindle packing washer                                 | 1                  |
| 19                    | 20, A.A. | 3-9152   | Mudguard stays complete                                    | 1                  |
| 20                    | 20, A.A. | 2-47     | Reflector fixing screw nut                                 | 1                  |
| 21                    | 20, A.A. | 29-3319  | Reflector fixing screw washer (shakeproof)                 | 1                  |
| 22                    | 20, A.A. | 2-1096   | Reflector fixing screw washer (plain)                      | 1                  |
| 23                    | 20, A.A. | 1-4606   | Reflector fixing screw                                     | 1                  |
| 24                    | 20, A.A. | 66-6825  | Reflector                                                  | 1                  |
| 25                    | 20, A.A. | 19-1118  | Sidcar lamp cable (6 foot)                                 | 1                  |
| 26                    | 20, A.A. | 3-1119   | Mudguard strengthening plate (rear)                        | 1                  |
| 27                    | 20, A.A. | 3-1795   | Hub spindle nut complete                                   | 1                  |
| 28                    | 20, A.A. | 3-1676   | Hub grease retaining washer (felt)                         | 1                  |
| 29                    | 20, A.A. | 3-1118   | Mudguard strengthening plate (front)                       | 1                  |
| 30                    | 20, A.A. | 3-1778   | Wheel bearing securing ring                                | 1                  |
| 31                    | 20, A.A. | 3-1673   | Hub grease retaining washer holder                         | 1                  |
| 32                    | 20, A.A. | 3-9355   | Mudguard upright stay complete (outer)                     | 1                  |
| 33                    | 20, A.A. | 3-1688   | Hub end cover large (inner)                                | 1                  |
| 34                    | 20, A.A. | 3-1117   | Mudguard strengthening plate (top)                         | 1                  |
| 35                    | 20, A.A. | 2-49     | Mudguard upright and rear stay bolt nut                    | 2                  |
| 36                    | 20, A.A. | 35-32    | Mudguard upright and rear stay washer (spring)             | 2                  |
| 37                    | 20, A.A. | 2-1934   | Mudguard upright and rear stay bolt                        | 2                  |
| 38                    | 20, A.A. | 30-650   | Mudguard upright and rear stay bolt washer (plain)         | 2                  |
| 39                    | 20, A.A. | 3-1120   | Front and rear stay bolt                                   | 4                  |
| 40                    | 20, A.A. | 3-1826   | Sidcar lamp mounting (rubber)                              | 1                  |
| 41                    | 20, A.A. | 19-1117  | Sidcar lamp                                                | 1                  |
| 42                    | 20, A.A. | 30-988   | Mudguard upright stay screw                                | 2                  |
| 43                    | 20, A.A. | 3-118    | Mudguard upright, front and rear stay bolt washer (plain)  | 6                  |
| 44                    | 20, A.A. | 35-32    | Mudguard upright, front and rear stay bolt washer (spring) | 6                  |
| 45                    | 20, A.A. | 2-51     | Mudguard upright, front and rear stay bolt nut             | 6                  |
| 46                    | 20, A.A. | 2-2395   | Reflector mounting bracket nut                             | 2                  |
| 47                    | 20, A.A. | 2-1462   | Reflector mounting bracket washer (spring)                 | 2                  |
| 48                    | 20, A.A. | 27-8560  | Reflector mounting bracket washer (plain)                  | 4                  |
| 49                    | 20, A.A. | 15-7161  | Reflector mounting bracket screw                           | 2                  |
| 50                    | 20, A.A. | 3-1820   | Reflector mounting bracket                                 | 1                  |
| 51                    | 20, A.A. | 2-46     | Stirrup bolt nut                                           | 4                  |
| 52                    | 20, A.A. | 3-111    | Stirrup bolt spring washer                                 | 4                  |
| 53                    | 20, A.A. | 3-955    | Rear spring clamp plate (top)                              | 1                  |
| 54                    | 20, A.A. | 3-944    | Rear spring shackle distance plate (bottom)                | 1                  |
| 55                    | 20, A.A. | 3-1633   | Rear spring with silent bloc                               | 1                  |
| 56                    | 20, A.A. | 3-1169   | Stirrup bolt                                               | 2                  |
| 57                    | 20, A.A. | 3-1628   | Rear spring silent bloc                                    | 2                  |
| 58                    | 20, A.A. | 35-705   | Rear spring bolt split pin                                 | 1                  |
| 59                    | 20, A.A. | 3-1253   | Rear spring shackle link (plain)                           | 1                  |
| 60                    | 20, A.A. | 3-622    | Wheel bracket shackle pin bush                             | 1                  |
| 61                    | 20, A.A. | 15-1166  | Rear spring shackle link nut                               | 1                  |
| 62                    | 20, A.A. | 3-1453   | Rear spring shackle link complete                          | 1                  |
| 63                    | 20, A.A. | 28-2080  | Rear spring shackle bolt grease nipple                     | 1                  |
| 64                    | 20, A.A. | 3-1099   | Mudguard                                                   | 1                  |
| 65                    | 20, A.A. | 2-49     | Anti roll spring bolt nut (top)                            | 1                  |
| 66                    | 20, A.A. | 24-8784  | Anti roll spring washer (top)                              | 2                  |
| 67                    | 20, A.A. | 3-101    | Anti roll spring top inside washer (plain)                 | 2                  |
| 68                    | 20, A.A. | 3-1331   | Anti roll spring top washer (top)                          | 2                  |
| 69                    | 20, A.A. | 3-1334   | Anti roll spring complete with bolts                       | 2                  |
| 70                    | 20, A.A. | 24-8784  | Anti roll spring washer (bottom)                           | 2                  |
| 71                    | 20, A.A. | 2-49     | Anti roll spring bolt nut (bottom)                         | 1                  |
| 72                    | 20, A.A. | 3-1389   | Anti roll spring bracket                                   | 1                  |
| 73                    | 20, A.A. | 3-1390   | Anti roll spring bracket clip                              | 1                  |
| 74                    | 20, A.A. | 2-995    | Anti roll spring bracket washer (double spring)            | 2                  |
| 75                    | 20, A.A. | 3-1399   | Anti roll spring bracket bolt                              | 2                  |
| 76                    | 20, A.A. | 2-803    | Sidcar stand bolt                                          | 1                  |
| 77                    | 20, A.A. | 3-1255   | Sidcar stand                                               | 1                  |



# SIDECAR CHASSIS—continued

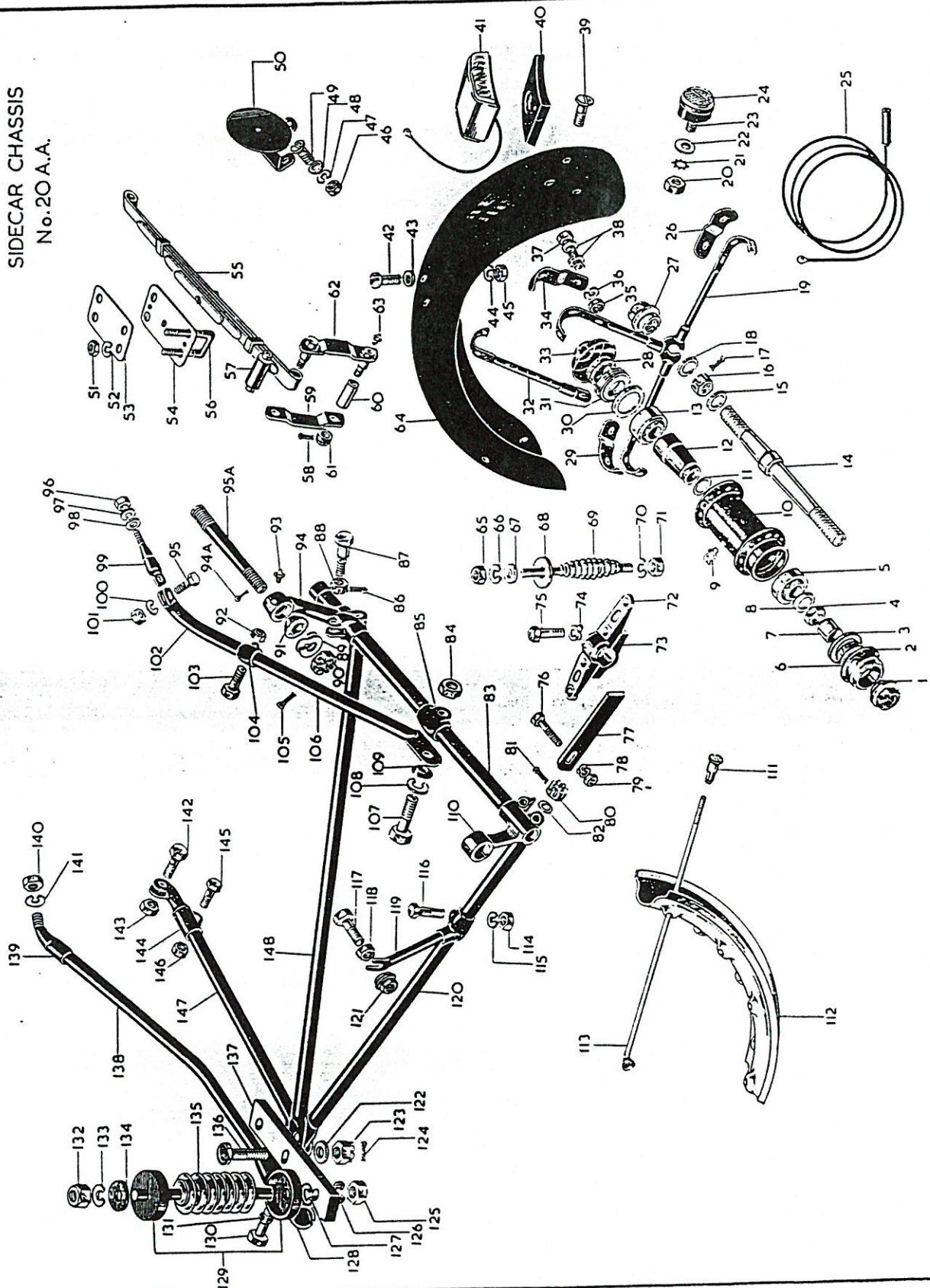
No 20A.A.

| Plate Ref.<br>Number. | Model. | Part No. | Description.                                                  | Number<br>per set. |
|-----------------------|--------|----------|---------------------------------------------------------------|--------------------|
| 78                    | 20, AA | 2-995    | Sidecar stand bolt spring washer (double spring)              | 1                  |
| 79                    | 20, AA | 2-1813   | Sidecar stand bolt nut                                        | 1                  |
| 80                    | 20, AA | 3-953    | Front connecting lug bolt castle nut                          | 1                  |
| 81                    | 20, AA | 35-713   | Tube end spindle split pin                                    | 1                  |
| 82                    | 20, AA | 24-5914  | Tube end spindle washer (plain)                               | 2                  |
| 83                    | 20, AA | 3-9227   | Axle tube complete                                            | 1                  |
| 84                    | 20, AA | 2-1925   | Saddle pillar tube lug bolt nut                               | 1                  |
| 85                    | 20, AA | 3-1252   | Saddle pillar telescopic tube bottom lug                      | 1                  |
| 86                    | 20, AA | 35-705   | Rear spring bolt split pin                                    | 1                  |
| 87                    | 20, AA | 3-1455   | Rear spring bolt                                              | 1                  |
| 88                    | 20, AA | 15-1166  | Rear spring bolt castle nut                                   | 1                  |
| 89                    | 20, AA | 3-664    | Main rear connecting lug stud washer (double spring)          | 1                  |
| 90                    | 20, AA | 2-1946   | Main rear connecting stud nut                                 | 1                  |
| 91                    | 20, AA | 3-663    | Main rear connecting stud washer (spherical)                  | 1                  |
| 92                    | 20, AA | 2-1925   | Saddle pillar telescopic tube bottom lug bolt nut             | 1                  |
| 93                    | 20, AA | 28-2080  | Main rear connection grease nipple                            | 1                  |
| 94                    | 20, AA | 3-1637   | Main rear connection                                          | 1                  |
| 94A                   | 20, AA | 35-722   | Sidecar connecting lug stud nut split pin                     | 1                  |
| 95                    | 20, AA | 3-619    | Saddle pillar tube lug bolt                                   | 1                  |
| 95A                   | 20, AA | 33-4160  | Connecting lug stud                                           | 1                  |
| 96                    | 20, AA | 3-1137   | Saddle pillar connecting bolt nut                             | 1                  |
| 97                    | 20, AA | 3-107    | Saddle pillar connecting bolt washer (spring)                 | 1                  |
| 98                    | 20, AA | 30-729   | Saddle pillar connecting bolt washer (plain)                  | 1                  |
| 99                    | 20, AA | 3-1393   | Saddle pillar tube lug bolt                                   | 1                  |
| 100                   | 20, AA | 3-111    | Saddle pillar tube lug bolt washer (spring)                   | 1                  |
| 101                   | 20, AA | 2-46     | Saddle pillar tube lug bolt nut                               | 1                  |
| 102                   | 20, AA | 3-1603   | Saddle pillar telescopic tube complete                        | 1                  |
| 103                   | 20, AA | 3-1271   | Saddle pillar tube lug bolt                                   | 1                  |
| 104                   | 20, AA | 3-1258   | Saddle pillar telescopic tube lug                             | 1                  |
| 105                   | 20, AA | 35-722   | Main rear connection split pin                                | 1                  |
| 106                   | 20, AA | 3-1601   | Saddle pillar tube complete                                   | 1                  |
| 107                   | 20, AA | 3-1289   | Saddle pillar telescopic tube bottom lug bolt                 | 1                  |
| 108                   | 20, AA | 3-110    | Saddle pillar telescopic tube bottom lug bolt washer (spring) | 1                  |
| 109                   | 20, AA | 3-1290   | Saddle pillar telescopic tube spherical washer (bottom)       | 2                  |
| 110                   | 20, AA | 3-1251   | Wheel bracket                                                 | 1                  |
| 111                   | 20, AA | 27-6813  | Wheel spoke nipple                                            | 40                 |
| 112                   | 20, AA | 67-6005  | Wheel rim                                                     | 1                  |
| 113                   | 20, AA | 67-5545  | Wheel spoke                                                   | 40                 |
| 114                   | 20, AA | 2-49     | Support tube lug bolt nut                                     | 1                  |
| 115                   | 20, AA | 35-33    | Support tube lug bolt washer (spring)                         | 1                  |
| 116                   | 20, AA | 3-12     | Support tube lug bolt                                         | 1                  |
| 117                   | 20, AA | 3-1115   | Mudguard support tube bolt                                    | 1                  |
| 118                   | 20, AA | 2-440    | Mudguard support bolt distance nut                            | 1                  |
| 119                   | 20, AA | 3-9344   | Mudguard stay support tube complete                           | 1                  |
| 120                   | 20, AA | 3-9264   | Outside tie complete                                          | 1                  |
| 121                   | 20, AA | 27-6974  | Support tube bolt nut                                         | 1                  |
| 122                   | 20, AA | 30-729   | Front connecting lug bolt packing washer (plain)              | 1                  |
| 123                   | 20, AA | 3-953    | Front connecting lug bolt castle nut                          | 1                  |
| 124                   | 20, AA | 35-713   | Front connecting lug bolt split pin                           | 1                  |
| 125                   | 20, AA | 2-46     | Front spring connecting bolt nut (bottom)                     | 1                  |
| 126                   | 20, AA | 3-111    | Front spring connecting bolt washer (spring)                  | 1                  |
| 127                   | 20, AA | 3-1364   | Front spring connecting bolt retaining ring                   | 2                  |
| 128                   | 20, AA | 3-1373   | Front connecting lug                                          | 1                  |
| 129                   | 20, AA | 3-839    | Front spring cup                                              | 4                  |
| 130                   | 20, AA | 3-1271   | Front connecting lug clip bolt                                | 1                  |
| 131                   | 20, AA | 3-110    | Front connecting lug clip bolt washer (spring)                | 1                  |
| 132                   | 20, AA | 2-46     | Front spring connecting bolt nut (top)                        | 1                  |
| 133                   | 20, AA | 3-111    | Front spring connecting bolt washer (spring)                  | 2                  |
| 134                   | 20, AA | 30-650   | Front spring connecting bolt washer                           | 2                  |
| 135                   | 20, AA | 3-1378   | Front spring complete                                         | 2                  |
| 136                   | 20, AA | 3-1372   | Front connecting lug bolt                                     | 1                  |
| 137                   | 20, AA | 3-1369   | Front spring bearer bar                                       | 1                  |
| 138                   | 20, AA | 3-1605   | Front stay complete                                           | 1                  |
| 139                   | 20, AA | 3-1792   | Front stay cone collar                                        | 1                  |
| 140                   | 20, AA | 3-345    | Front stay cone nut                                           | 1                  |
| 141                   | 20, AA | 3-108    | Front stay cone nut washer (spring)                           | 1                  |
| 142                   | 20, AA | 3-619    | Front support tube bolt (motor cycle end)                     | 1                  |
| 143                   | 20, AA | 2-46     | Front bottom tube nut (motor cycle end)                       | 1                  |
| 144                   | 20, AA | 3-1259   | Front bottom connection                                       | 1                  |
| 145                   | 20, AA | 3-1271   | Front bottom connection bolt                                  | 1                  |
| 146                   | 20, AA | 2-1925   | Front bottom connection bolt nut                              | 1                  |
| 147                   | 20, AA | 3-1608   | Front support tube                                            | 1                  |
| 148                   | 20, AA | 3-9263   | Inside strut complete                                         | 1                  |

# SIDECAR CHASSIS

No. 20A.A.

SIDECAR CHASSIS  
No. 20A.A.



# SIDECAR CHASSIS—continued

No 20A.A.

| Plate Ref.<br>Number.                                  | Model. | Part No.        | Description.                           | Number<br>per set. |
|--------------------------------------------------------|--------|-----------------|----------------------------------------|--------------------|
| (WHEN OFFICERS' TYPE AND RADIO EQUIPPED BOX IS FITTED) |        |                 |                                        |                    |
| — ...                                                  | 20, AA | ... 3-1021 ...  | Front spring bracket ...               | 2                  |
| — ...                                                  | 20, AA | ... 3-861 ...   | Front spring ...                       | 2                  |
| — ...                                                  | 20, AA | ... 3-1080 ...  | Front* spring (inner) ...              | 2                  |
| — ...                                                  | 20, AA | ... 3-839 ...   | Front spring cup ...                   | 2                  |
| — ...                                                  | 20, AA | ... 3-641 ...   | Front spring clamp plate ...           | 2                  |
| — ...                                                  | 20, AA | ... 2-803 ...   | Front spring connection bolt ...       | 2                  |
| — ...                                                  | 20, AA | ... 30-1215 ... | Front spring bracket bolt ...          | 4                  |
| — ...                                                  | 20, AA | ... 35-33 ...   | Front spring bracket spring washer ... | 4                  |

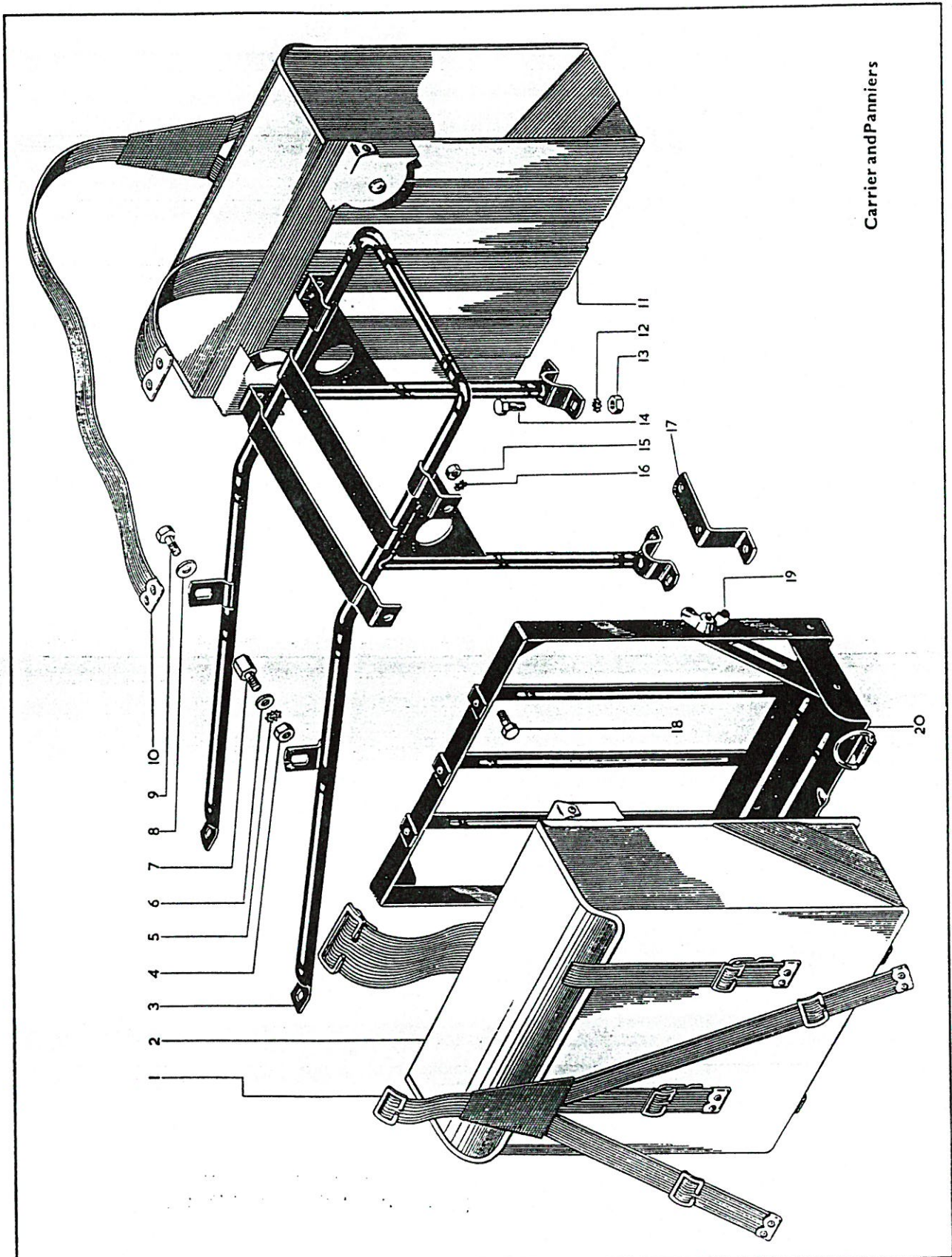
# CARRIER and PANNIERS

M21, M33 (Spring Frame)

| Plate Ref.<br>Number. | Part No. | Description.                                    | Number<br>per set. |
|-----------------------|----------|-------------------------------------------------|--------------------|
| 1 ...                 | 66-6919  | ... Pannier bag strap with buckle (short) ...   | 1                  |
| 2 ...                 | 66-6916  | ... Pannier bag with buckle ...                 | 1                  |
| 3 ...                 | 66-6760  | ... Carrier complete ...                        | 1                  |
| 4 ...                 | 2-49     | ... Carrier and mudguard stud nut ...           | 2                  |
| 5 ...                 | 36-382   | ... Carrier and mudguard stud washer...         | 2                  |
| 6 ...                 | 2-370    | ... Carrier and mudguard distance washer ...    | 2                  |
| 7 ...                 | 65-6794  | ... Carrier and mudguard support stud ...       | 2                  |
| 8 ...                 | 2-923    | ... Carrier and mudguard fixing bolt washer ... | 2                  |
| 9 ...                 | 1-5069   | ... Carrier and mudguard fixing bolt ...        | 2                  |
| 10 ...                | 66-6918  | ... Pannier bag strap less buckle (long) ...    | 1                  |
| 11 ...                | 66-6917  | ... Pannier bag less buckle ...                 | 1                  |
| 12 ...                | 29-541   | ... Pannier carrier fixing bolt washer ...      | 4                  |
| 13 ...                | 2-2395   | ... Pannier carrier fixing bolt nut ...         | 4                  |
| 14 ...                | 2-1354   | ... Pannier carrier fixing bolt ...             | 4                  |
| 15 ...                | 2-2395   | ... Pannier fixing bolt nut ...                 | 6                  |
| 16 ...                | 29-541   | ... Pannier fixing bolt washer ...              | 6                  |
| 17 ...                | 66-6767  | ... Pannier frame support bracket ...           | 2                  |
| 18 ...                | 2-204    | ... Pannier fixing bolt ...                     | 6                  |
| 19 ...                | 66-6938  | ... Pannier carrier steady stay wing nut ...    | 4                  |
| 20 ...                | 66-6915  | ... Pannier carrier ...                         | 2                  |



# CARRIER and PANNIERS M21, M33 (Spring Frame)



Carrier and Panniers

## PISTON CHART—1949 to 1957

| Year         | Model    | Compression Ratio | PISTON COMPLETE |                            |               | COMPRESSION RING         |                            |                          | SCRAPER RING |                            |               |
|--------------|----------|-------------------|-----------------|----------------------------|---------------|--------------------------|----------------------------|--------------------------|--------------|----------------------------|---------------|
|              |          |                   | Standard        | $\frac{1}{2}$ mm. oversize | 1mm. oversize | Standard                 | $\frac{1}{2}$ mm. oversize | 1mm. oversize            | Standard     | $\frac{1}{2}$ mm. oversize | 1mm. oversize |
| 1949 to 1953 | M20      | 4.9 to 1          | 66-1190         | 66-1191                    | 66-1192       | 66-1090(2)               | 66-1091(2)                 | 66-1092(2)               | 66-1100      | 66-1101                    | 66-1102       |
| 1954 to 1957 | M20      | 4.9 to 1          | 66-1193         | 66-1194                    | 66-1195       | 66-1094 (top)<br>66-1244 | 66-1095 (top)<br>66-1245   | 66-1096 (top)<br>66-1246 | 66-1100      | 66-1101                    | 66-1102       |
| 1949 to 1953 | M21      | 5 to 1            | 66-1198         | 66-1199                    | 66-1200       | 66-1090(2)               | 66-1091(2)                 | 66-1092(2)               | 66-1100      | 66-1101                    | 66-1102       |
| 1954 to 1957 | M21      | 5 to 1            | 66-1215         | 66-1216                    | 66-1217       | 66-1094 (top)<br>66-1244 | 66-1095 (top)<br>66-1245   | 66-1096 (top)<br>66-1246 | 66-1100      | 66-1101                    | 66-1102       |
| 1949 to 1952 | M33      | 6.8 to 1          | 65-1244         | 65-1260                    | 65-1262       | 65-1250(2)               | 65-1251(2)                 | 65-1252(2)               | 65-1253      | 65-1254                    | 65-1255       |
| 1949 to 1952 | M33      | 7.5 to 1          | 65-1264         | 65-1266                    | 65-1268       | 65-1250(2)               | 65-1251(2)                 | 65-1252(2)               | 65-1253      | 65-1254                    | 65-1255       |
| 1953 to 1955 | M33      | 6.5 to 1          | 65-1692         | 65-1694                    | 65-1696       | 65-1250(2)               | 65-1251(2)                 | 65-1252(2)               | 65-1253      | 65-1254                    | 65-1255       |
| 1953 to 1957 | M33      | 7.5 to 1          | 65-1660         | 65-1662                    | 65-1664       | 65-1250(2)               | 65-1251(2)                 | 65-1252(2)               | 65-1253      | 65-1254                    | 65-1255       |
| 1954 to 1957 | M21 A.A. | 5 to 1            | 66-1198         | 66-1199                    | 66-1200       | 66-1090(2)               | 66-1091(2)                 | 66-1092(2)               | 66-1100      | 66-1101                    | 66-1102       |

## ENGINE and FRAME MARKINGS—1949 to 1957

| Year         |     |     | Model |     |         | Type   |     |      | Engine |      |     | Frame (Rigid) |     |       | Frame (Spring)<br>1951 to 1952 |
|--------------|-----|-----|-------|-----|---------|--------|-----|------|--------|------|-----|---------------|-----|-------|--------------------------------|
| 1949 to 1952 | ... | ... | M20   | ... | 500c.c. | S.V.   | ... | ZM20 | ...    | ZM20 | ... | ZM20          | ... | ZM20S | ZM20S                          |
|              | ... | ... | M21   | ... | 600c.c. | S.V.   | ... | ZM21 | ...    | ZM20 | ... | ZM20          | ... | ZM20S | ZM20S                          |
|              | ... | ... | M33   | ... | 500c.c. | O.H.V. | ... | ZM33 | ...    | ZM20 | ... | ZM20          | ... | ZM20S | ZM20S                          |
| 1953 to 1957 | ... | ... | M20   | ... | 500c.c. | S.V.   | ... | BM20 | ...    | BM20 | ... | BM20          | ... | BM20S | BM20S                          |
|              | ... | ... | M21   | ... | 600c.c. | S.V.   | ... | BM21 | ...    | BM20 | ... | BM20          | ... | BM20S | BM20S                          |
|              | ... | ... | M33   | ... | 500c.c. | O.H.V. | ... | BM33 | ...    | BM20 | ... | BM20          | ... | BM20S | BM20S                          |



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|                                                                           |     | £  | s. d. |                                       |     | £  | s. d. |
| Engine only, S.V. models ...                                              | ... | 22 | 0 0   | Frame complete, rigid ...             | ... | 11 | 16 0  |
| Engine only, O.H.V. models ...                                            | ... | 24 | 15 0  | Frame complete, plunger ...           | ... | 13 | 0 0   |
| Electrical equipment, reconditioned extra ...                             | ... | 10 | 12 6  | Frame front, rigid and plunger ...    | ... | 4  | 19 0  |
| Re-bushed Con Rod, with new big-end ...                                   | ... | 2  | 12 0  | Chainstay and Backstay, rigid ...     | ... | 4  | 13 6  |
| Re-bored Cylinder with new piston ...                                     | ... | 2  | 10 6  | Chainstay and Backstay, plunger ...   | ... | 5  | 18 0  |
| Oil pump reconditioned ...                                                | ... | 1  | 3 6   |                                       |     |    |       |
| GEARBOX                                                                   |     |    |       | FORKS                                 |     |    |       |
|                                                                           |     | £  | s. d. |                                       |     | £  | s. d. |
| Gearbox, 4-speed, rigid and plunger ...                                   | ... | 14 | 0 0   | Telescopic Forks ...                  | ... | 11 | 0 0   |
| Clutch, rigid and plunger ...                                             | ... | 4  | 15 0  | Fork Shaft re-set ...                 | ... | 10 | 0     |
| Clutch plate with new inserts ...                                         | ... | 5  | 6     |                                       |     |    |       |
| Clutch Chainwheel with new inserts ...                                    | ... | 1  | 7 6   | WHEELS                                |     |    |       |
|                                                                           |     |    |       |                                       |     | £  | s. d. |
|                                                                           |     |    |       | Front Wheel for 7" brake ...          | ... | 5  | 12 6  |
|                                                                           |     |    |       | Front Wheel for 8" brake ...          | ... | 6  | 0 0   |
|                                                                           |     |    |       | Rear Wheel, rigid frame ...           | ... | 5  | 15 0  |
|                                                                           |     |    |       | Rear Wheel, plunger frame ...         | ... | 4  | 19 0  |
| PETROL TANK, OIL TANK                                                     |     |    |       | BRAKE SHOES                           |     |    |       |
|                                                                           |     | £  | s. d. |                                       |     | £  | s. d. |
| Petrol Tank, repaired, re-chromed and re-enamelled, rigid and plunger ... | ... | 5  | 10 0  | Brake Shoes relined, 7", per pair ... | ... | 1  | 0 0   |
| Petrol Tank, re-chromed and re-enamelled only ...                         | ... | 3  | 17 0  | Brake Shoes relined, 8", per pair ... | ... | 1  | 2 0   |
| Petrol Tank, repaired and re-enamelled ...                                | ... | 3  | 0 0   |                                       |     |    |       |
| Petrol Tank, re-enamelled only ...                                        | ... | 1  | 7 6   | SIDECAR WHEELS                        |     |    |       |
| Oil Tank renovated ...                                                    | ... | 1  | 10 0  |                                       |     | £  | s. d. |
|                                                                           |     |    |       | Sidecar Wheel ...                     | ... | 2  | 17 6  |
|                                                                           |     |    |       | Sidecar Spring re-set ...             | ... | 1  | 0 0   |

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