

Triumph M/C No. 1
Issue 1

The



CARBURETTER

FITTED TO THE

TRIUMPH "THUNDERBIRD" MOTOR-CYCLE

(TYPE M-C 2. SPECIFICATION No. 590)



AUTHORISED DISTRIBUTOR :

THE TRIUMPH CORPORATION
TOWSON
BALTIMORE & MARYLAND

TRIUMPH "THUNDERBIRD" MOTOR-CYCLE.

Single Dustproof Carburettor.

Specification No. 590

Illus. No.	Part No.	Qty. off	DESCRIPTION	Illus. No.	Part No.	Qty. off	DESCRIPTION
—	Spec. No. 590	1	Carburettor complete.	27	DN4882	1	Jet lever.
			BODY SUB-ASSEMBLY	28	DN4883	1	Jet link.
1	4800/2	1	Body—bare—dustproof.	29	DN4884/1	1	Bolt.
2	4923	1	Throttle body adaptor with bushes.	30	4885	2	Fibre washer—bolt
2A	W4805	4	Adaptor screw (2 B.A.).	31	DN4875/2	1	Spring washer—D/C
3	4804	1	Joint.	32	DN156	1	Nut (2 B.A.)
9	DN4857	1	Screw—plug for body (2 B.A.).	33	DN109	2	Split pin ($\frac{1}{16}$ ").
10	1863	1	Spring washer—plug screw.	34	DN108	1	Pivot pin—long—jet head.
			SUCTION CHAMBER AND PISTON SUB-ASSEMBLY	35	DN381	1	Pivot pin—short—link top hole.
4	5031— 4842/1— 4841AS.	1	Suction chamber with piston.	—	5023	1	Washer—plain.
5	4920	1	Oil cap—octagonal.				FLOAT-CHAMBER SUB-ASSEMBLY
6	3071	1	Thrust washer.	36	1216	1	Float-chamber with stud—bare.
7	4900	1	Washer—oil cap.	37	4517	1	Float-chamber lid.
8	4387	1	Piston spring—red.	38	1223	1	Float.
9	DN4857	2	Suction chamber securing screws.	39	1859/1121	1	Float needle and seat assembly.
10	1863	2	Securing spring washers.		AS.	1	Float hinged lever.
11	M9	1	Jet needle—standard (ground type).	40	1981	1	Float hinged lever pin.
12	149	1	Jet needle screw.	41	1251	1	Holding-up bolt.
			JET SUB-ASSEMBLY	42	W1541/3	1	Cap nut—brass.
13	DN1394/ 112†	1	Jet with head—0.090"—solid head.	43	1163	1	Fibre washer—holding-up bolt.
13A	DN4931/ 112	1	Jet with head—0.090"—pressed head.	44	130	1	Copper washer—holding-up bolt.
14	W3232	1	Jet screw.	45	4642/1	1	Banjo union—main petrol feed.
15	DN121	1	Jet adjusting nut.	46	DN4928	1	Banjo bolt—main petrol feed.
16	DN114	1	Jet adjusting lock spring.	47	DN4929	1	Brass skid washer.
17	117	1	Jet sealing ring—brass.	67A	5026	1	Fibre washer.
18	118	1	Jet sealing ring—cork.	67B	5027	2	Fibre washer.
19	3233	1	Jet copper washer—bottom half.				THROTTLE SPINDLE, COUPLINGS AND LEVER SUB-ASSEMBLY
20	3231	1	Jet bearing—bottom half.	48	4863	1	Throttle spindle ($\frac{1}{4}$ " dia.).
21	120	2	Jet gland washers—cork.	49	169	1	Throttle disc.
22	119/1	2	Jet gland washer—brass.	50	1358	2	Throttle disc screw.
23	1158	1	Jet gland spring.	51	DN4880	1	Anchor plate—throttle return spring.
24	3230	1	Jet bearing—top half.	52	DN4781	1	Return spring—throttle.
25	122	1	Jet copper washer—top half.	53	DN4881	1	Clamp.
26	DN4872/1	1	Return spring—jet lever.	54	DN669	1	Bolt—clamp (4 B.A.).
				55	DN673	1	Nut—bolt (4 B.A.).
				56	4612	1	Washer—plain (4 B.A.).
				57	DN1500/6	1	Throttle lever with pivot pin and washer.
				58	DN694	1	Throttle lever bolt (2 B.A.).
				32	DN156	1	Throttle lever bolt nut (2 B.A.).
				59	DN246	1	Spring washer (2 B.A.).
				60	106	1	Taper pin.
				61	DN4807	1	Throttle stop.
				62	DN3464	1	Throttle stop adjusting screw.
				63	DN3465	1	Throttle stop adjusting screw spring.

FINISH.—DN = Dull Nickel, W = Walterising (black).

† = replaced by DN4931/112.

When replacing holding-up bolt copper washer (Part No. 4642/1), use 1 brass skid washer and 2 fibre washers (Part No. 5027). (Brass skid washer situated between fibre washers.)