

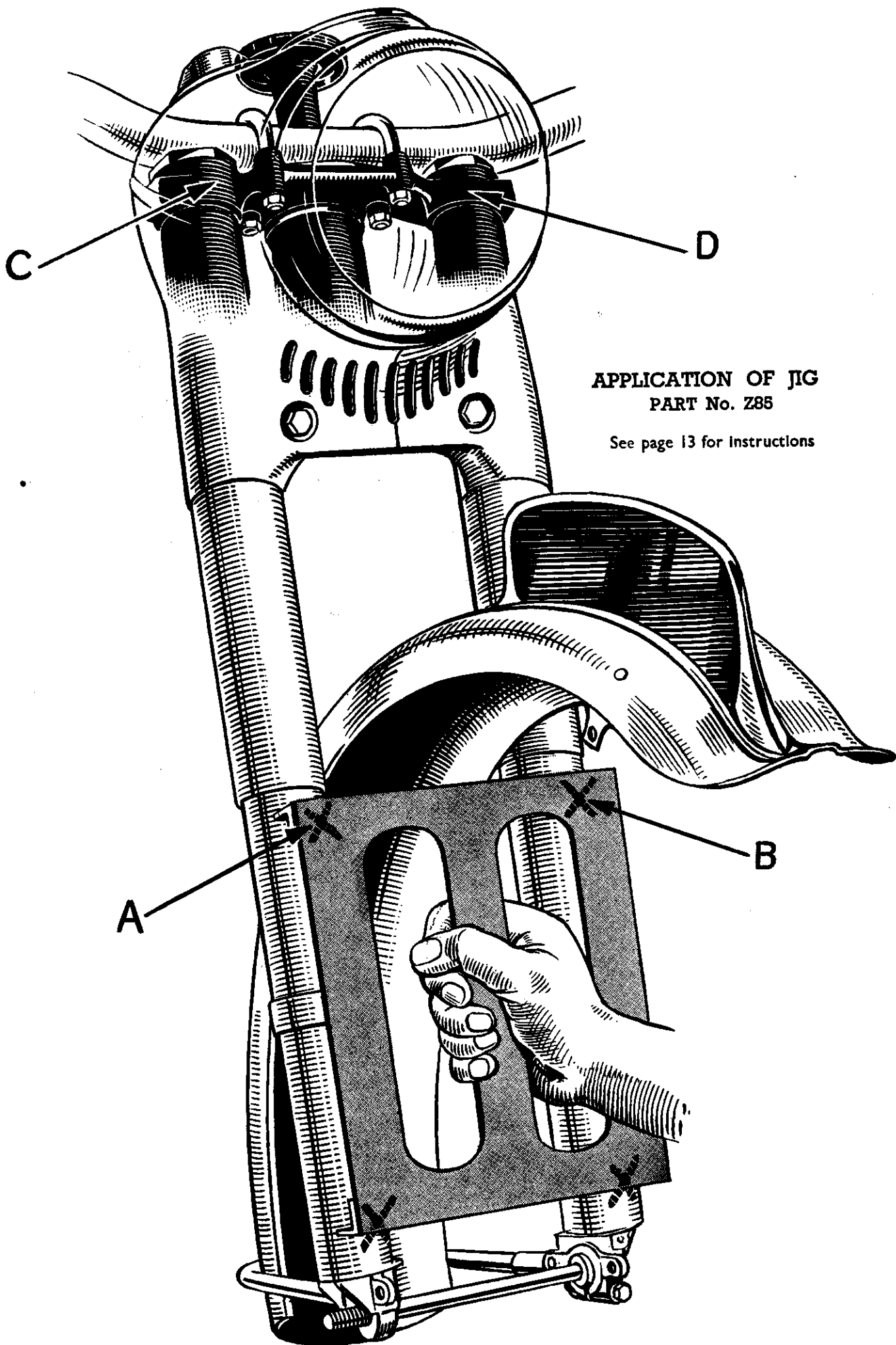
## **MAINTENANCE OPERATION No. 2**

### **FRONT FORK ALIGNMENT JIG**

#### **IMPORTANT**

To ensure correct alignment, whenever a fork is fitted to a frame this jig should be employed. We have proved by experience that it is not possible for a fitter to assemble the fork with both legs perfectly parallel to each other without a jig.

The usefulness of this jig will amply repay its first cost or time taken to manufacture. A rider may complain that the steering has become affected after being involved in a minor accident, such as machine knocked off the stand, rider falling off at low speeds, etc. Here a quick survey of the damage to the fork, if any, can be effected after removal of the front wheel with the jig placed in position on the fork legs. On pages 12 and 13 a diagram shows the application of the jig and a machine drawing, together with full instructions in its use and manufacture.



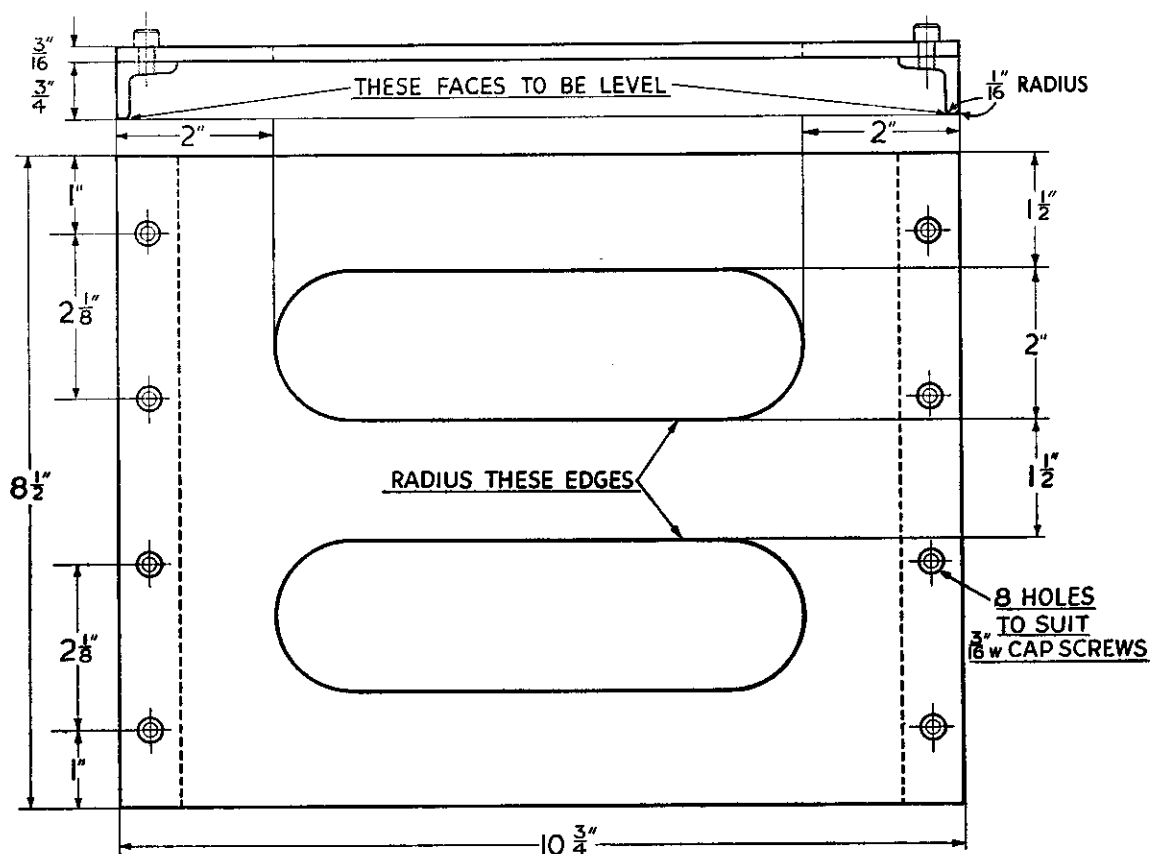
**APPLICATION OF JIG  
PART No. Z85**

See page 13 for Instructions

## METHOD OF APPLICATION

This jig is of simplified form and can easily be made by the distributor, dealer or the private owner. It has the advantage that after the front wheel has been removed, both nacelle and non-nacelle type forks can be checked.

Fit the wheel spindle in position and place the jig on the lower fork members as indicated on the fork illustration. Hold it firmly and if the alignment is correct, contact will be made at all four points marked "X." If the jig does not make contact at "A" or "B," it will be necessary with the nacelle type fork to remove the headlamp assembly and instrument top unit to make an adjustment. Slacken off the top lug and middle lug pinch bolts. If the jig can be rocked at "A" this indicates "D" is too far forward. To remedy, strike the top lug at point "D" a sharp blow with a hide hammer and then make a further check with the jig. If the error is at "B" the application is the same, only at point "C." When the adjustment is satisfactory, tighten the pinch bolts and make another check. To avoid scratching the enamel finish on the fork members, apply a smear of grease at the four points.



MATERIAL - Mild Steel

ENGLISH PROJECTION

JIG PART No. Z85