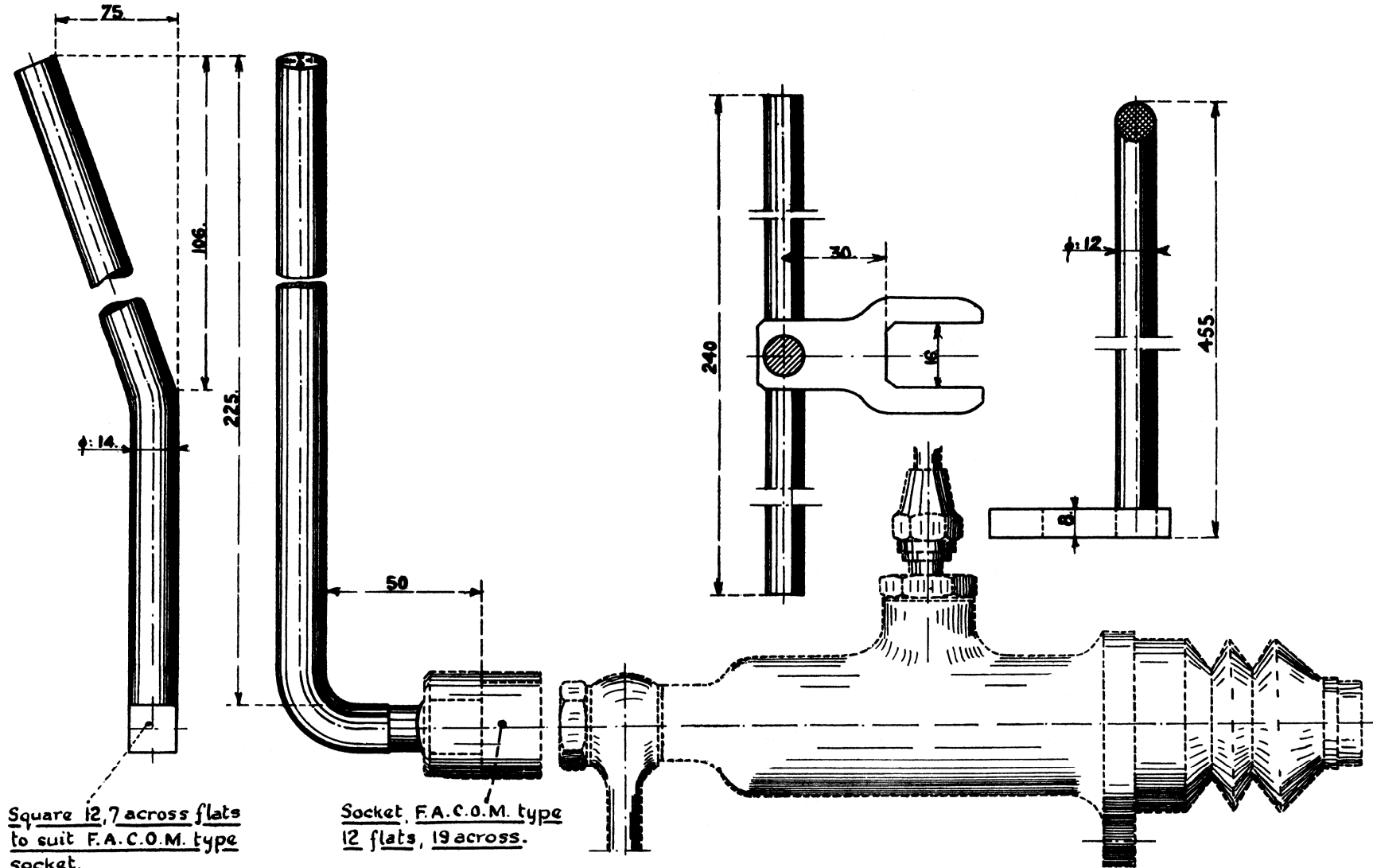


REMOVING AND FITTING MASTER CYLINDER

Fig. 1. SPANNER 2131-T.

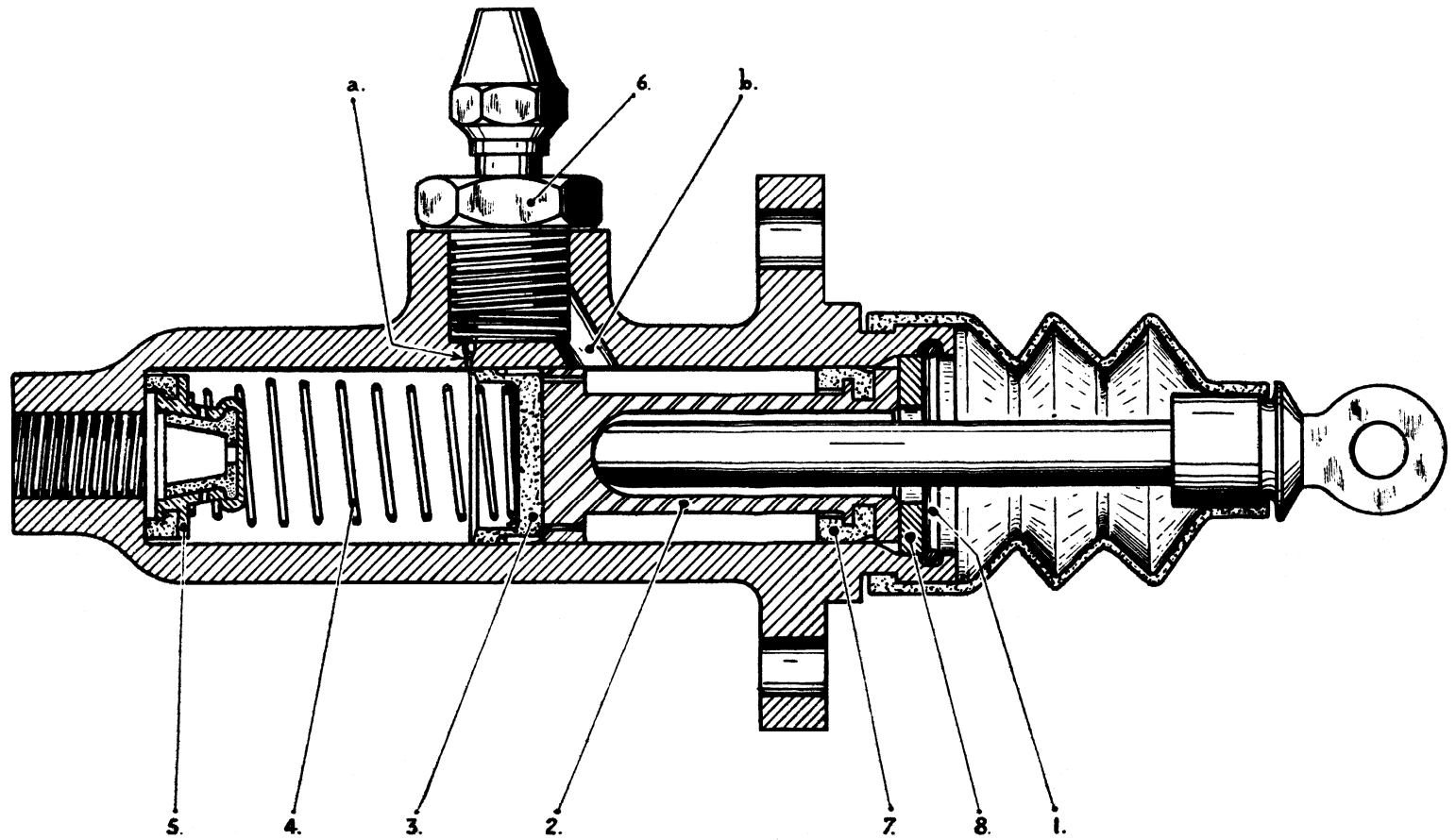
FIG. 2— SPANNER 2130-T.



Square 12, 7 across flats to suit F.A.C.O.M. type socket.

Socket, F.A.C.O.M. type 12 flats, 19 across.

— BRAKES —  
— SECTION THROUGH MASTER CYLINDER —



## REMOVING MASTER CYLINDER

- |   |  |  |
|---|--|--|
| 1 | Remove the Lockheed reservoir cap and introduce a conically pointed pin to plug, the outlet union in order to prevent loss of fluid when disconnecting feed pipe.  | Pin 10 dia.                            |
| 2 | Remove feed pipe from reservoir to master cylinder. (Use spanner 2130-T, see Drawing 91, fig. 2).  | Spanner 2130-T<br>Flat spanner 14      |
| 3 | Take out clevis pin at the front end of the clutch cable. Pull up the clutch cable without disconnecting it at the pedal end and lay it on hull. Loosen the pedal gear reinforcement. Take out the bolt fixing it to the hull, and (without removing its fixing bolt on the pedal gear) let reinforcement rest against hull closing plate. |  |
| 4 | Unscrew bolt fixing master cylinder three-way union. (Use spanner 2131-T, see Drawing 91, fig. 1)  | Box spanner 12<br>Spanner 2131-T       |
| 5 | Remove master cylinder from its bracket.   | Spanner "Facom type<br>Ideal" 240 x 12 |

## FITTING MASTER CYLINDER

- |    |  |  |
|----|--|--|
| 6  | Fit cylinder to bracket and at the same time fit the push rod. Make sure that the rubber protector is correctly positioned. Tighten nuts using spring washers under. | Spanner "Facom type<br>Ideal" 240 x 12 |
| 7  | Screw in plug fixing master cylinder three-way union. (Use spanner 2131-T, see Drawing 91, Fig. 1).  | Spanner 2131-T                         |
| 8  | Fit pedal gear reinforcement and connect clutch cable.   | Box spanner 12                         |
| 9  | Fit feed pipe from Lockheed fluid reservoir to the master cylinder. (Use spanner 2130-T, see Drawing 91, fig. 2).  | Spanner 2130-T                         |
| 10 | Bleed the brake system (see Operation 749, paragraph 5).   |  |

## DISMANTLING (see Drawing 92)

- 1 Take out circlip (1) retaining the piston but hold the latter in place to prevent dispersion of parts under pressure from the spring.
- 2 Take out piston (2), cup (3), spring (4) and valve (5). Unscrew the union (6).

Flat spanner 23

## CLEANING

- 3 Use alcohol only to clean the parts. There must be no traces of rust or scoring in the master cylinder bore. If the bore is defective replace the casting. Make sure that the holes 'a' and 'b' are perfectly clear.
- 4 With all the parts in perfect order re-assemble the master cylinder after dipping components in Lockheed fluid.

## ASSEMBLING

- 5 Fit valve (5), spring (4), cup (3) and piston (2) fitted with cup (7). Fit washer (8) and circlip (1). Tighten the union (6).

Flat spanner 23