

The Hydroelastic system pressure valves on the rear sub-frame

Depressurizing

- (1) Remove the pressure valve dust cap and connect the black connector to the valve with the knurled knob unscrewed.
- (2) Open the black valve (valve 2) and screw in the knurled knob to release the fluid from the suspension system into the unit's pressure tank.
- (3) Close the black valve (valve 2). The gauge should read zero if all the pressure has been released.
- (4) Remove the black connector and replace the pressure valve dust cap, and the plug in the black connector.
- (5) Repeat the above procedure on the second valve to depressurize the other side of the system.

Evacuating

After fitting new interconnecting pipes or displacer units it is essential that the air is evacuated from the system and a partial vacuum created. Service equipment 18G 703 or 18G 682 must be used for this purpose as follows:

- (6) Remove the pressure valve dust cap and connect the yellow connector to the valve on the sub-frame.
- (7) Close the yellow valve (valve 1) on the service unit.
- (8) Operate the vacuum pump until a reading of 27 in. (68.6 cm.) of mercury is obtained on the vacuum gauge and all movement of fluid in the tube has stopped. Subtract .5 in. (1.27 cm.) of mercury for every 500 ft. (152 m.) above sea-level.
- (9) Open the yellow valve (valve 1). Wait one or two minutes until any further movement in the tube has stopped and remove the yellow connector.
- (10) Replace the connector plug.

Pressurizing

Having carried out repairs and evacuated to ensure that all air is out of system, the pressurization should be carried out as follows with the car in the condition given in Section H.10 and resting on all four wheels.

- (11) Connect the servicing unit black connector to the

pressure valve on the rear sub-frame with the knurled knob unscrewed.

- (12) Close the black valve (valve 2) and open the bleed valve.
- (13) Operate the pressure pump until air is evacuated

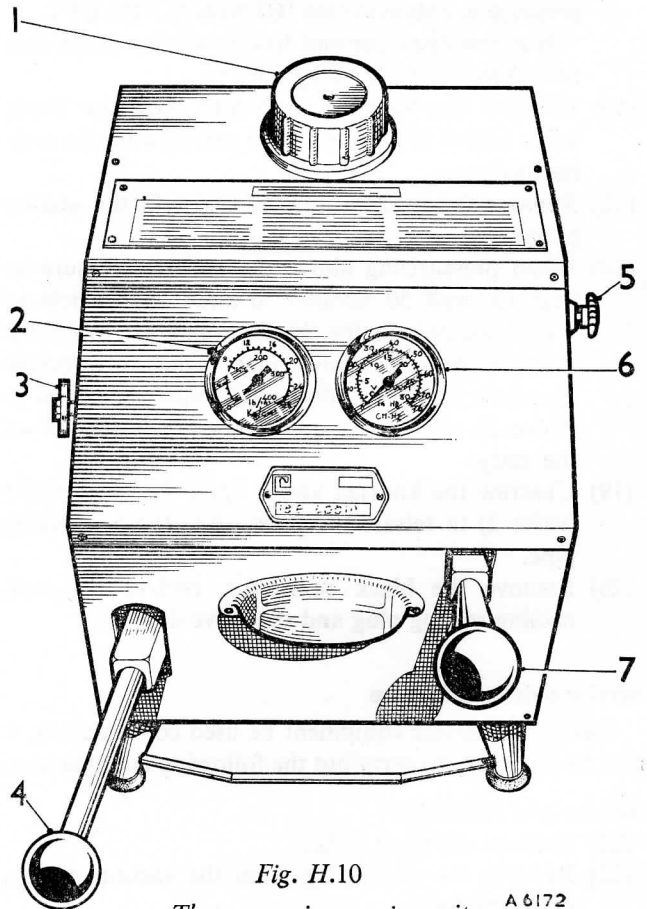


Fig. H.10
The suspension service unit

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|-----------------------------------|--------------------------|
| 1. Combined vacuum/pressure tank. | 4. Pressure pump handle. |
| 2. Pressure gauge. | 5. Yellow valve. |
| 3. Black valve. | 6. Vacuum gauge. |
| | 7. Vacuum pump handle. |