

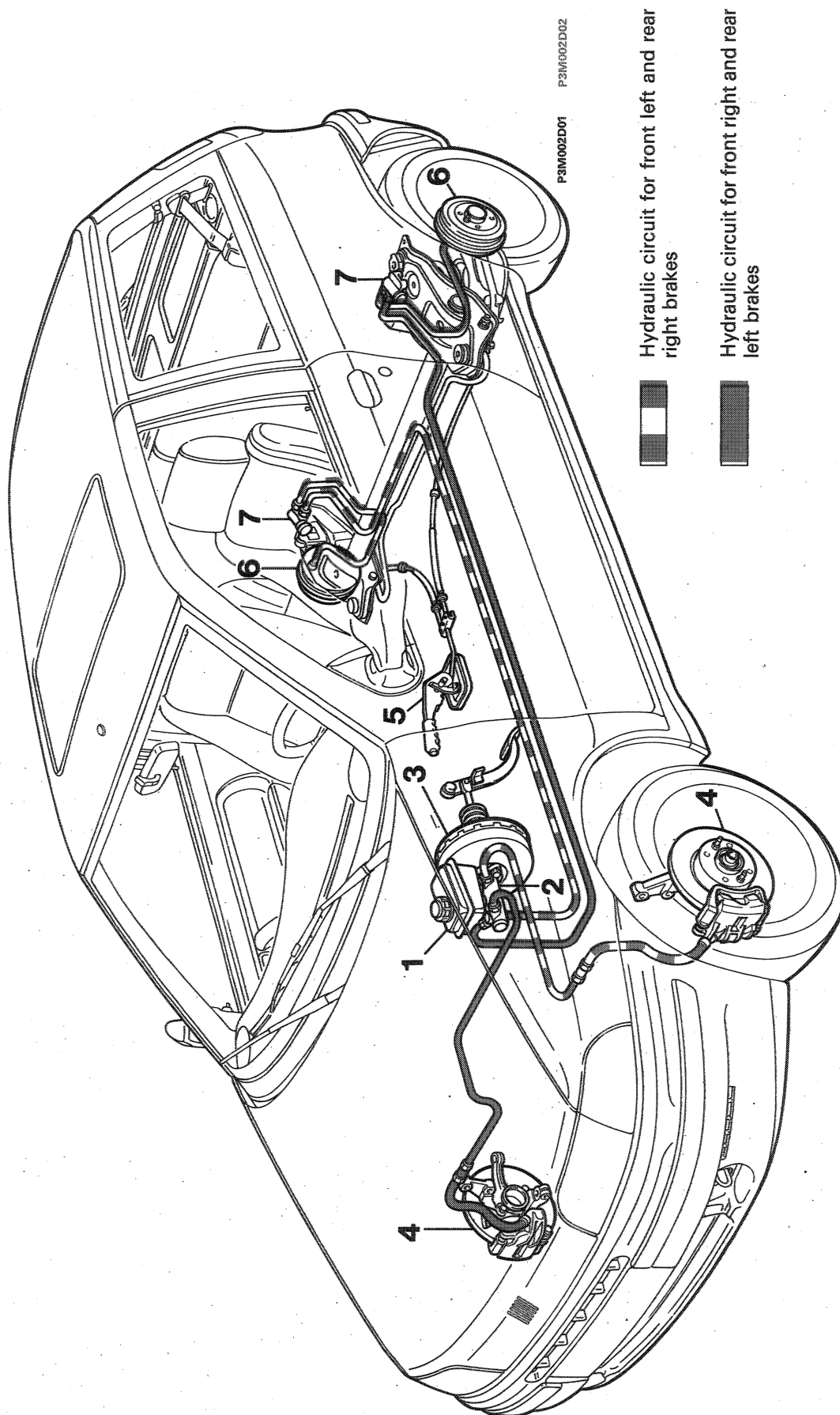
# PUNTO eMANUAL

Braking System

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33.

## DIAGRAM OF HYDRAULIC BRAKE CIRCUIT AND MECHANICAL HANDBRAKE LINKAGE





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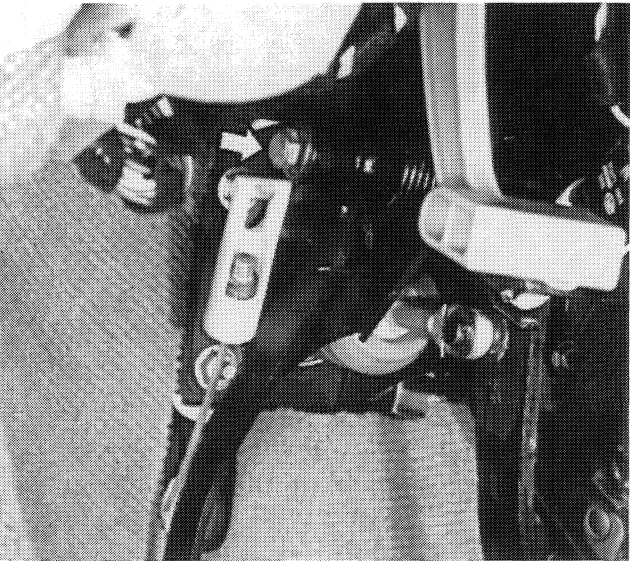
P3M001D02



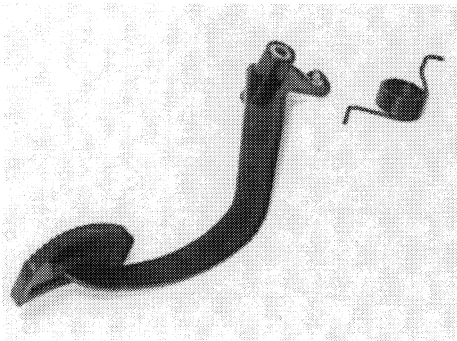
**BRAKE PEDAL**



**Dismantling - refitting clutch cable**

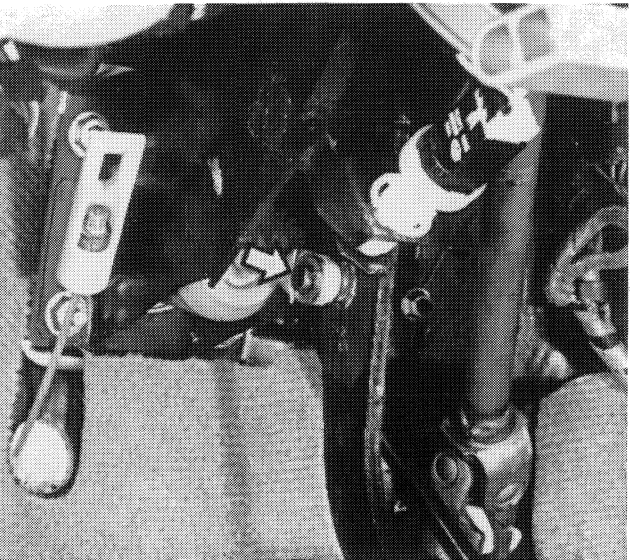


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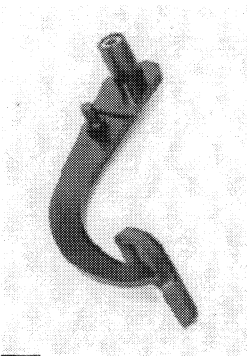


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**Dismantling-fitting clutch pedal**



P3M001D05

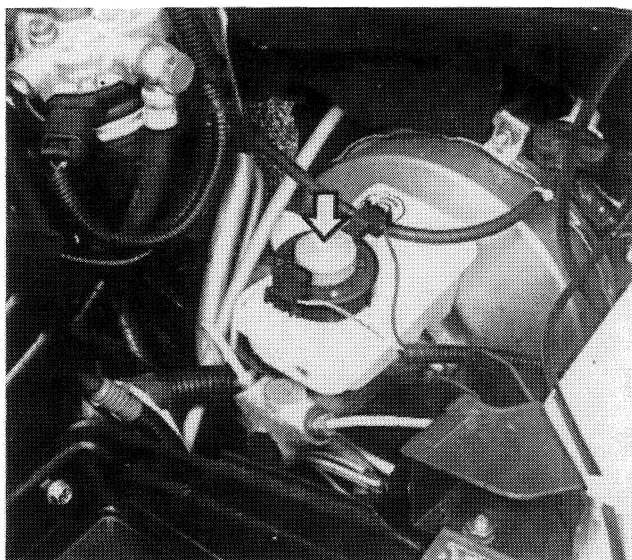


P3M001D06

**Dismantling - refitting servo unit pushrod from brake pedal, and removing the pedal**



*Lubricate the parts with grease before final assembly*



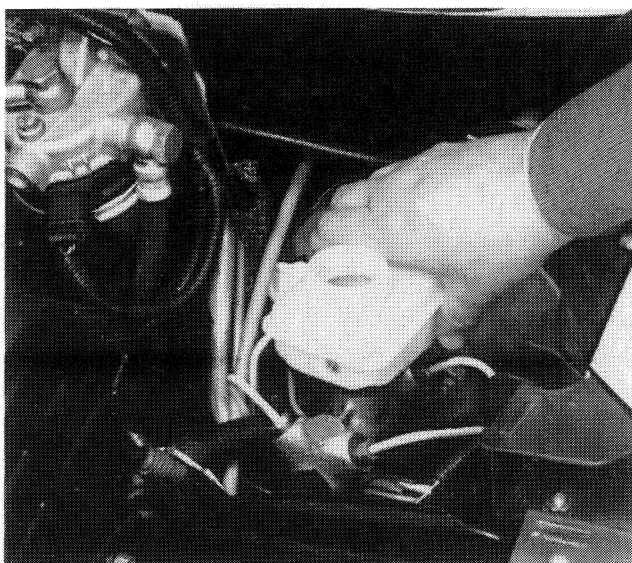
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## BRAKE FLUID RESERVOIR

### Checking low brake fluid indicator

**NOTE** Periodically check the operation of the indicator by pressing on the top of the reservoir cap (as shown by the arrow); when the ignition is on (key at "MAR" position), the brake system fault warning light should come on.



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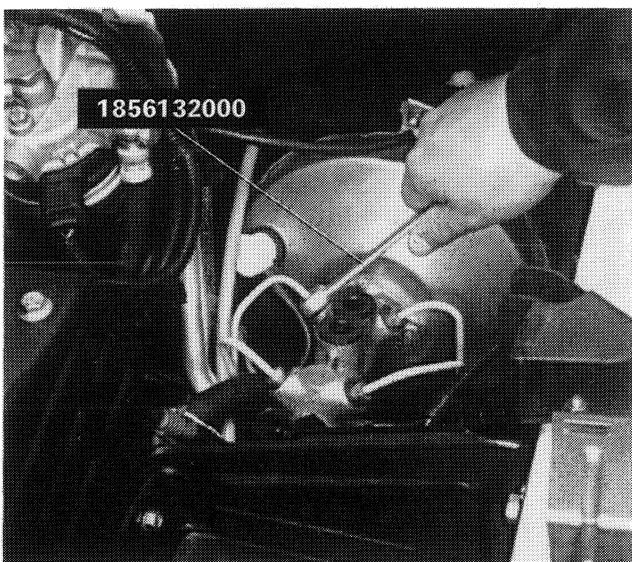
### Dismantling-fitting reservoir on master cylinder



*Drain the brake fluid before removing the reservoir*



*Bleed the hydraulic system*



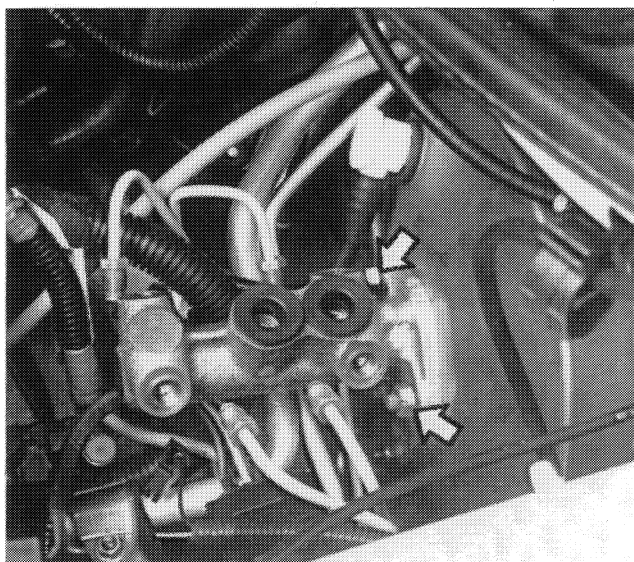
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## MASTER CYLINDER

### Dismantling-fitting brake pipes

### 33.



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#### Removing-refitting master cylinder

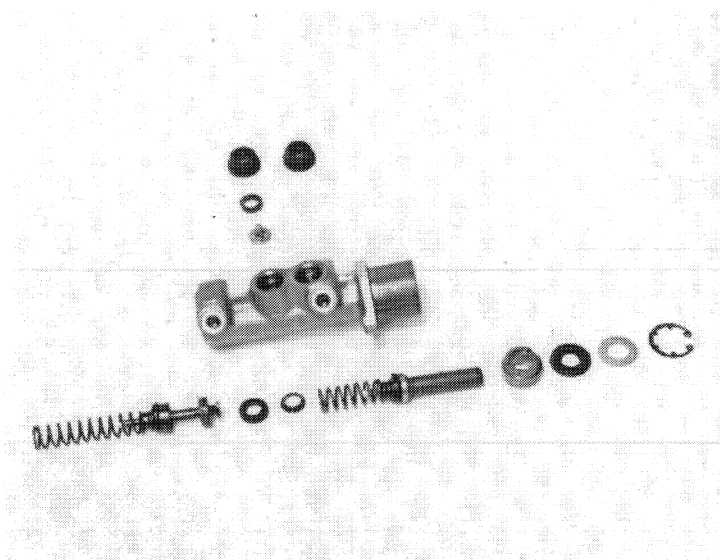


*Bleed the braking system*



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#### Master cylinder removed from the car



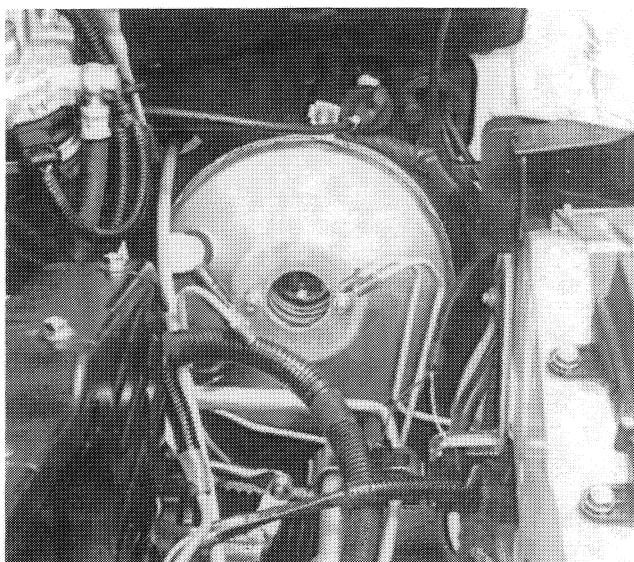
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#### Dismantling-fitting master cylinder

During overhaul renew the sealing rings; if there are signs of friction or seizure on the master cylinder body, renew the assembly.

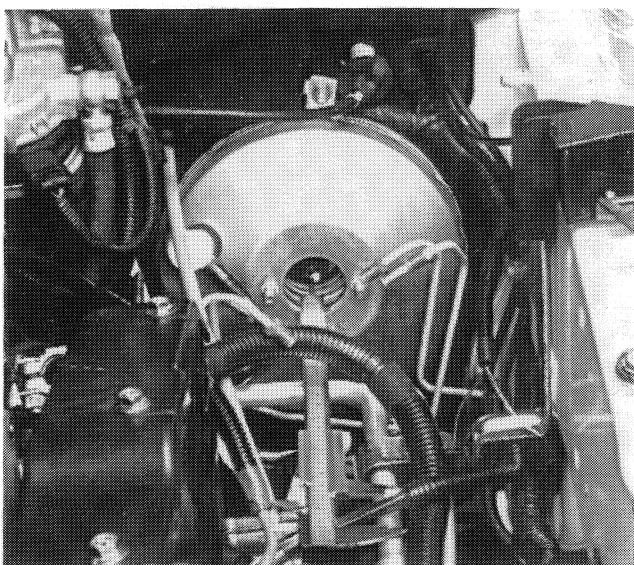




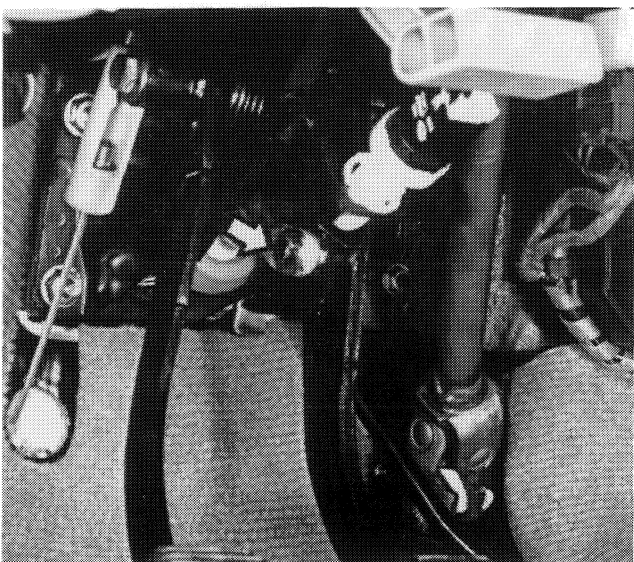
P3M005D01

**SERVO UNIT****Servo unit fitted on car**

**NOTE** *The servo unit is adjusted by means of the adjustment screw located on the end of the rod.  
In the rest position, the end of the adjustment screw must be recessed by 22.45 - 22.65 mm in relation to the plane of the front cover.*



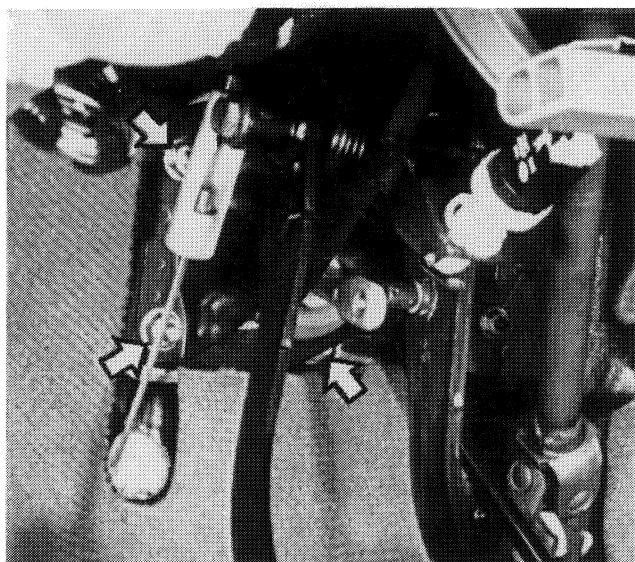
P3M005D02

**Checking recess of hydraulic pushrod using a depth gauge**

P3M005D03

**Removing brake servo pushrod from brake pedal**

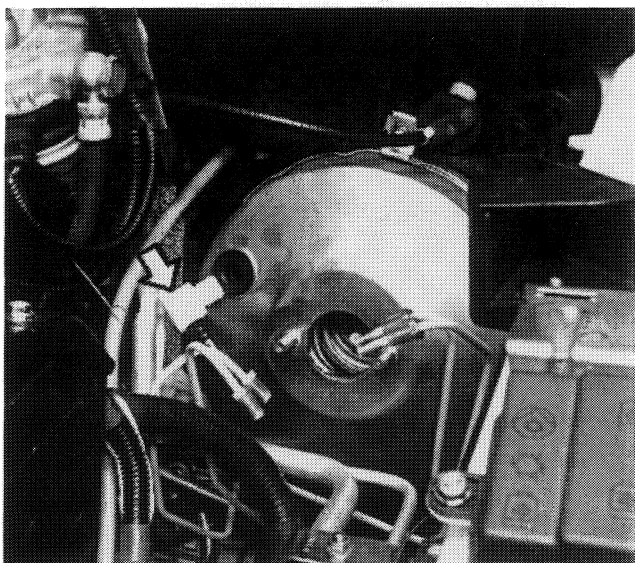
### 33.



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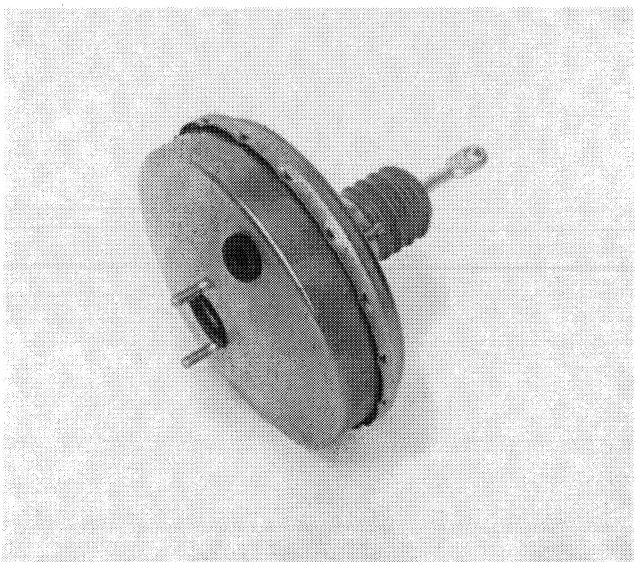
**Dismantling-fitting nuts (arrowed) securing servo unit to pedal assembly mounting**



P3M006D02



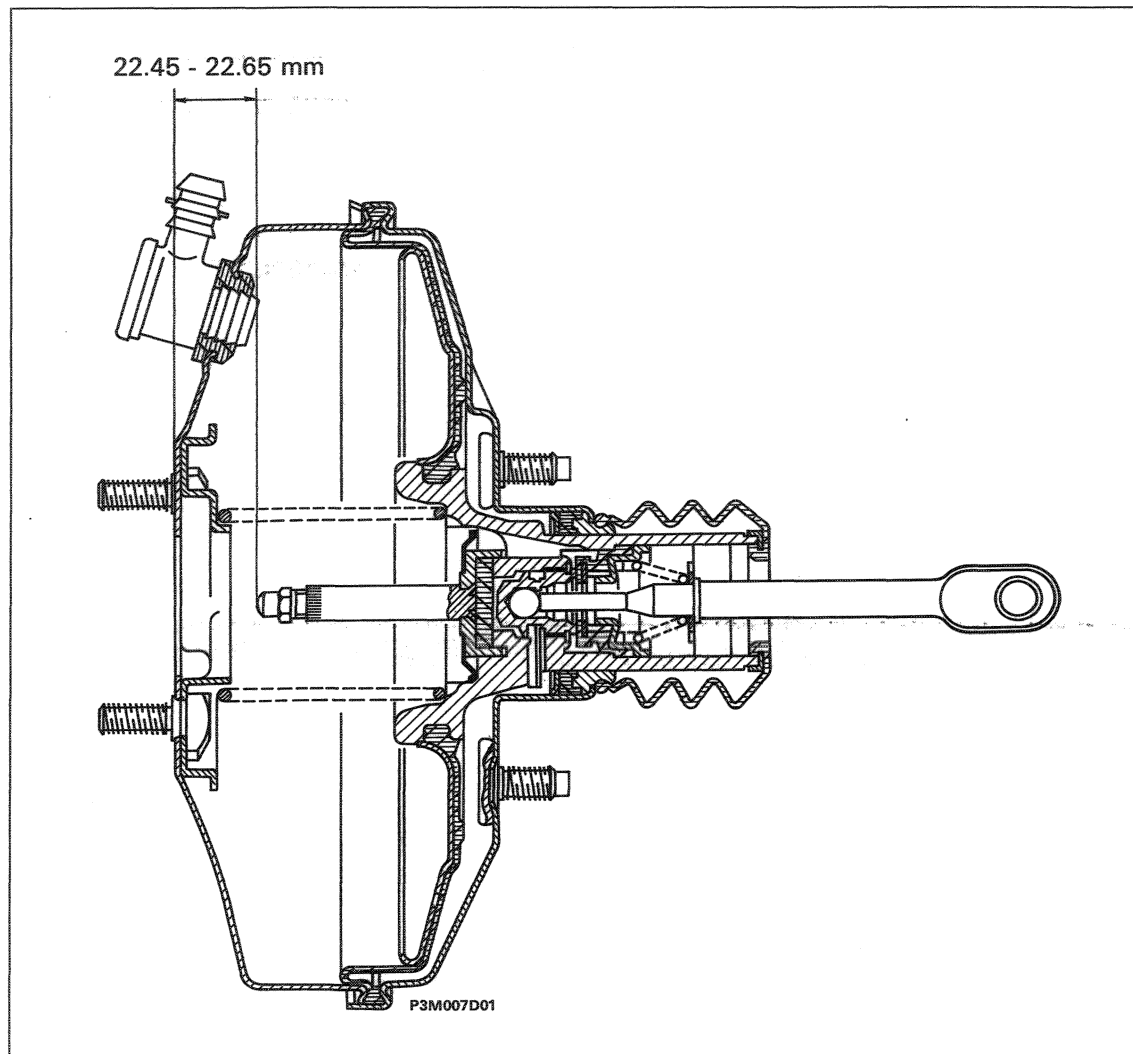
**Disconnect the vacuum pipe and withdraw the servo unit from the engine compartment**



P3M006D03

**Servo unit removed from the car**

Longitudinal section of the 8" Iso-Vac servo unit



**22.45 - 22.65 mm =** Distance between hydraulic piston pushrod from the master cylinder supporting plate. If necessary, adjust the nut (1) to adjust the brake servo unit.