

*WORKING ON A COMPENSATOR-
BRAKE CONTROL VALVE*

OVERHAULING A COMPENSATOR-BRAKE CONTROL VALVE

DISMANTLING

Remove, Fig. I :

- lock ring (7), with a screwdriver, **Fig. III**,
- rubber protector (8),
- circlip (9),
- the front slide-valve (11)/cup (10) assembly,
- front slide-valve return spring (6).

Turn the compensator-brake control valve upside-down.

Take off, Fig. I :

- circlip (16), slightly pushing in plug (15) using bush "a", (with the compensator-brake control valve gripped in a vice), **Fig. IV**.
- plug (15)
- compensator spring (12)
- cup (13)
- cap (1) fitted with ball bearing race (2)
- rear slide-valve return spring (14)
- shuttle (4)
- rear slide valve (5)

Disengage :

- sealing ring (13)
- teflon seal (17)
- sealing ring (18) from under the teflon seal, **Fig. II**.

Clean the parts with lead-free petrol ; blow through the items with compressed air.

NOTE : Since slide-valves (5) and (11) and shuttle (4) are matching, they cannot be replaced.

REBUILDING

Spread LHM fluid over all the components and inside the compensator-brake control valve.

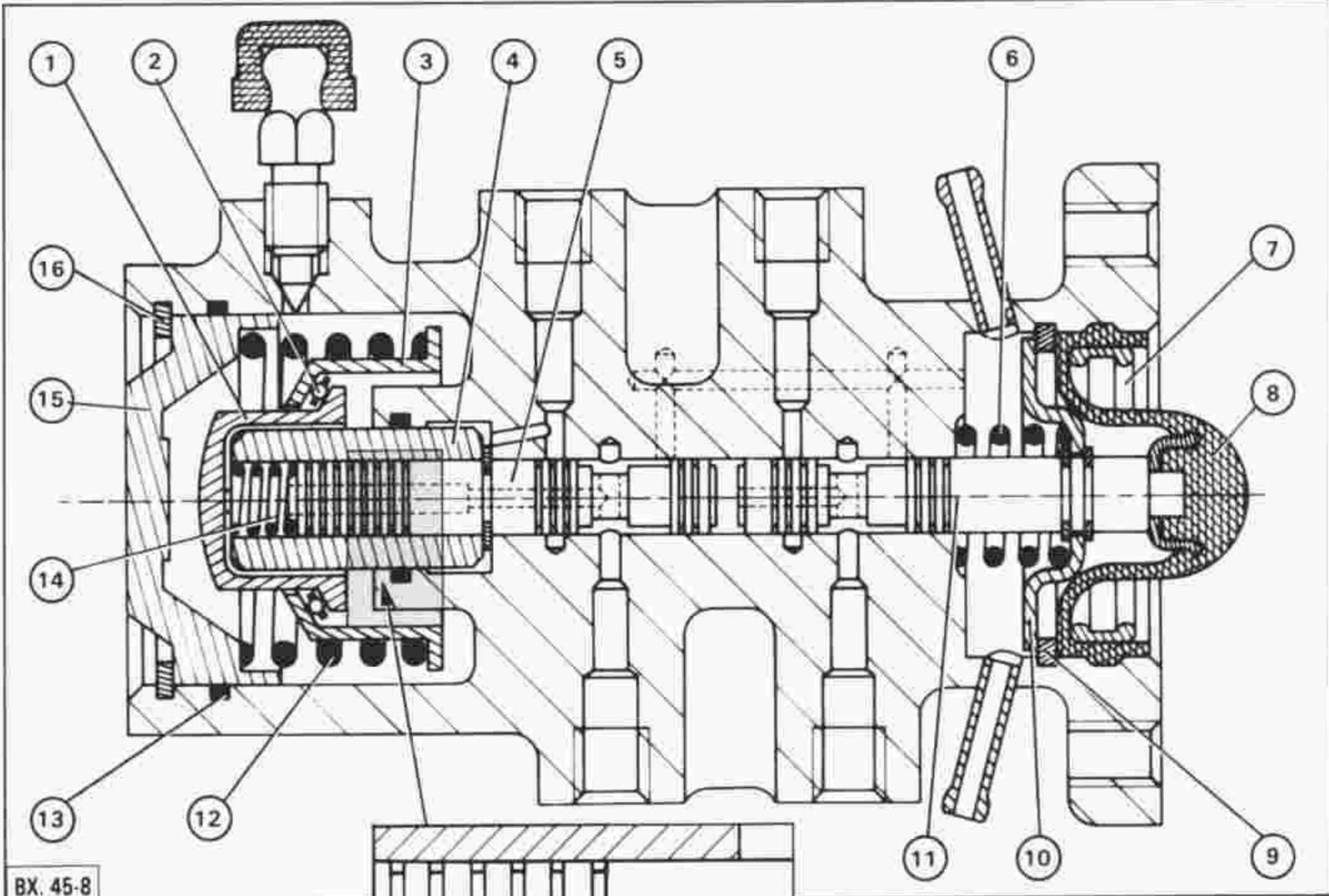
Relocate, Fig. I and II :

- sealing ring (18)
- teflon ring (17)

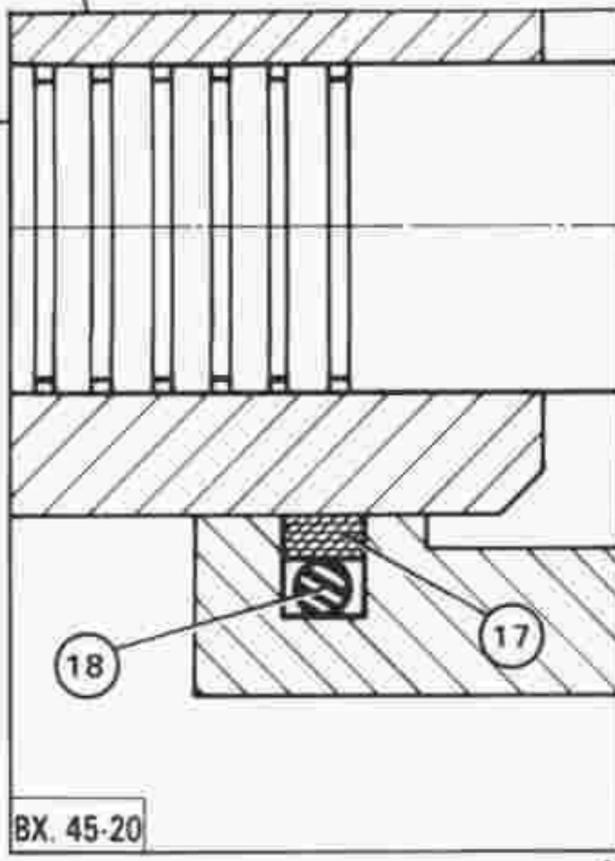
(Shape this ring like a heart to fit it in place ; then reshape it with the fingers and shuttle),

- sealing ring (13),

(with the paint mark facing the brake control valve interior).

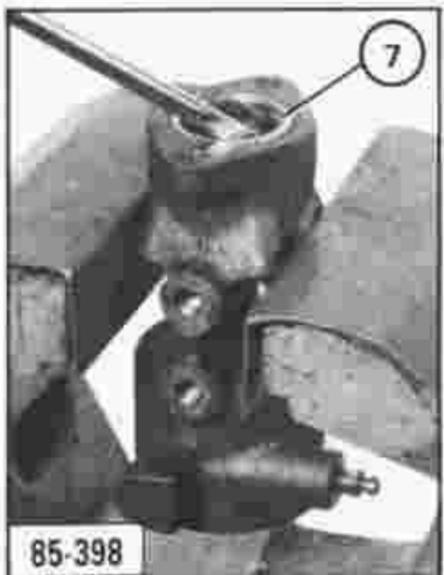


BX. 45-8



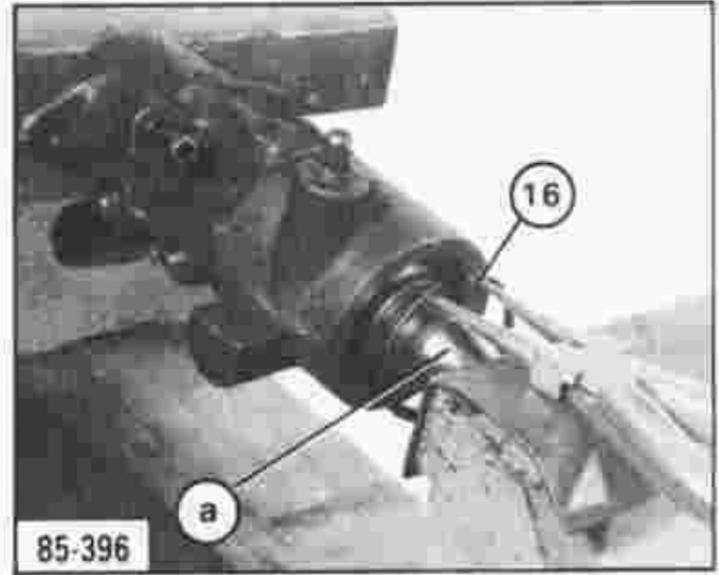
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II



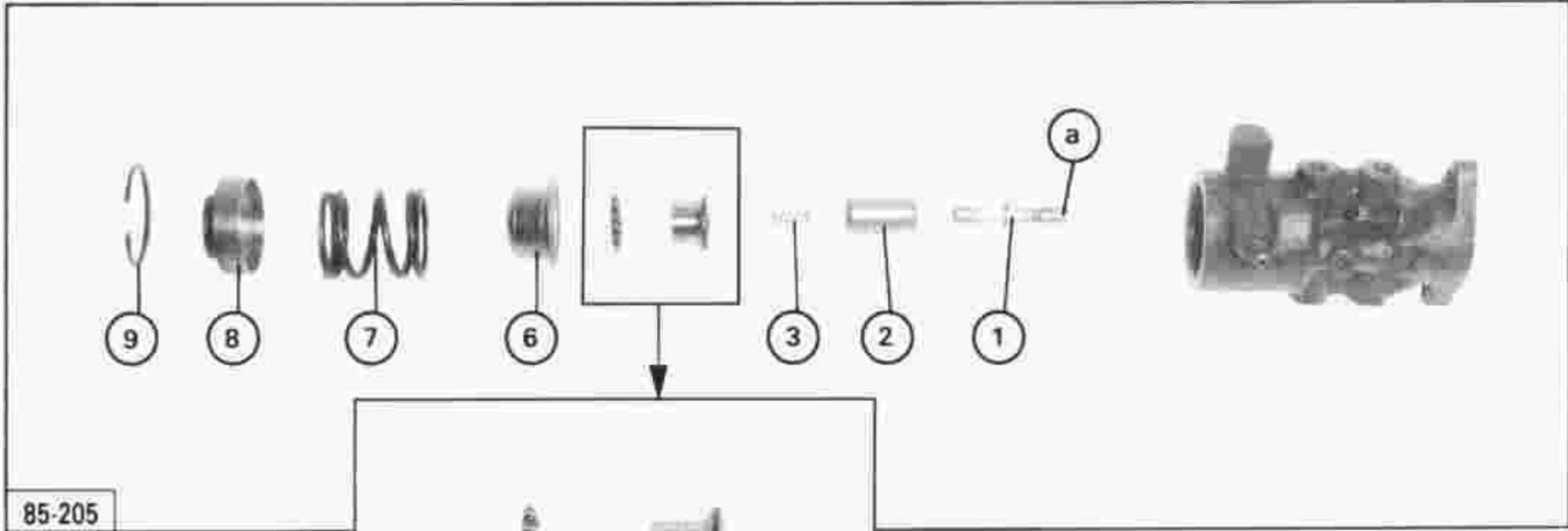
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III

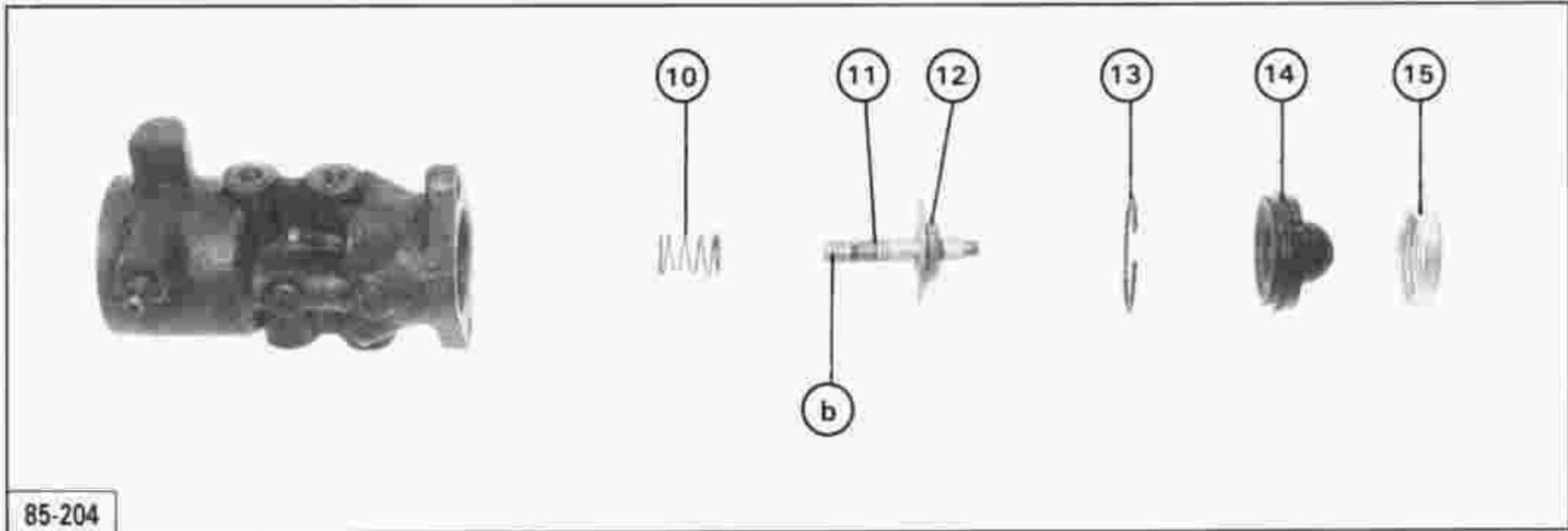


85-396

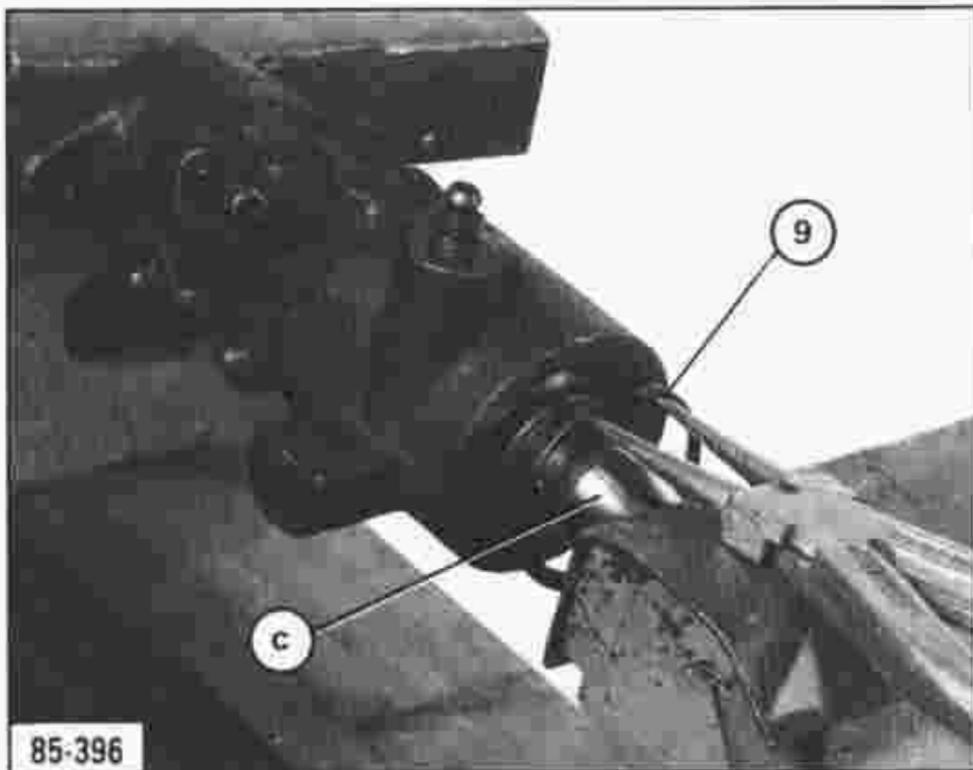
IV



85-205

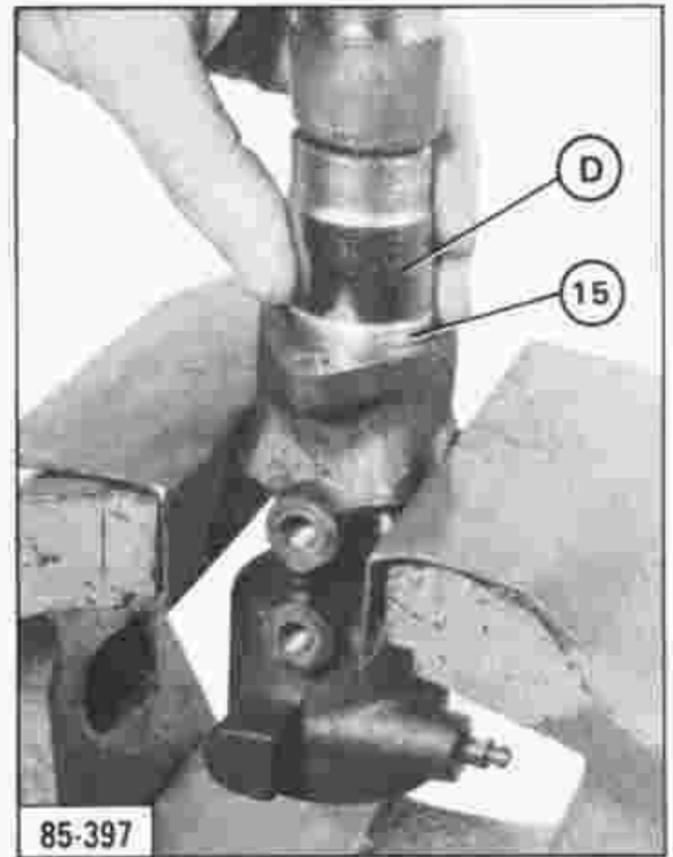


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85-396

III



85-397

IV

Engage :

- rear slide valve (1) and its stop ring into the brake control valve, **Fig. I**, with end "a" directed inwards,
- shuttle (2),
- spring (3).

Fit shuttle (2) with :

- cap (4) equipped with its ball bearing race (5), (pay attention to the direction in which the ball bearing race must be fitted).

Install :

- cup (6),
- compensator spring (7),
- plug (8).

Position circlip (9) slightly pushing plug (8) with bush **C**, (grip the compensator-brake control valve in a vice):

Turn the compensator-brake control valve upside-down.

Locate in the brake control valve : **Fig. II**

- spring (10),
- front slide-valve (11) and its cup (12), with end "b" pointing inwards,
- circlip (13),
- rubber protector (14),
- lock ring (15), by means of bush **D**, **Fig. IV**.