



30th NOVEMBER 1994

ABONNEMENT GME

RÉF.

4

No XM 312-1/7

CLUTCH

● REMOVING - REFITTING Hydraulic clutch control



MAN 058931



AUTOMOBILES CITROËN
DIRECTION COMMERCE EUROPE
DOCUMENTATION APRÈS VENTE

REMOVING – REFITTING : HYDRAULIC CLUTCH CONTROL

1 – RECOMMENDED TOOLS

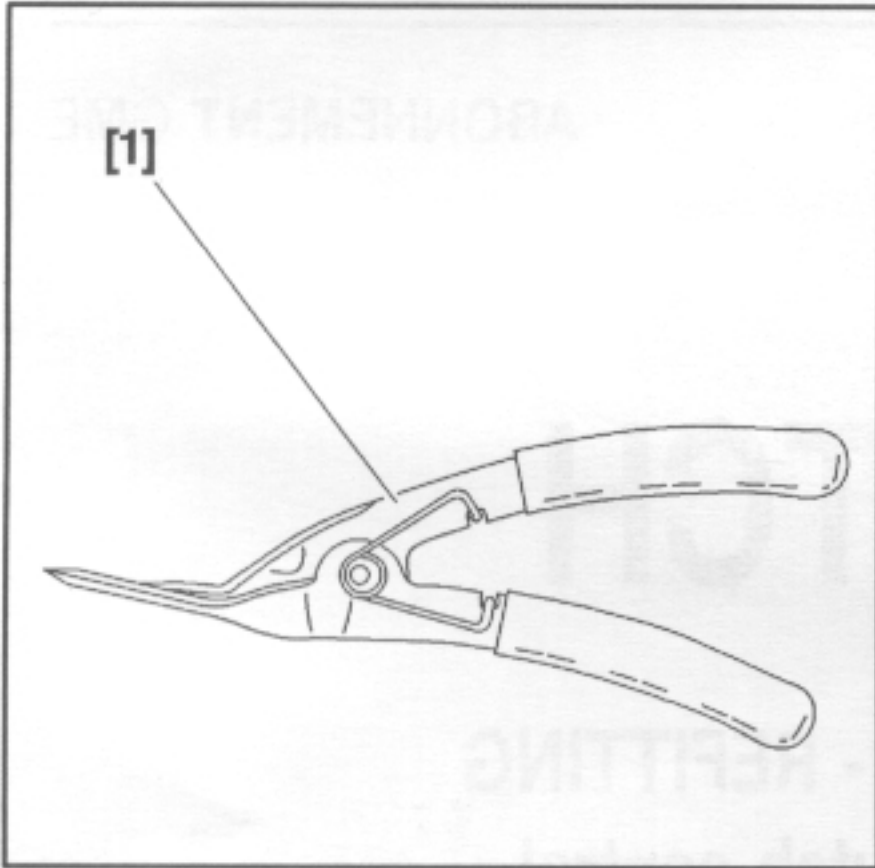


Fig : B1BP00DC

[1] pliers 7504-T for removing plastic clips.

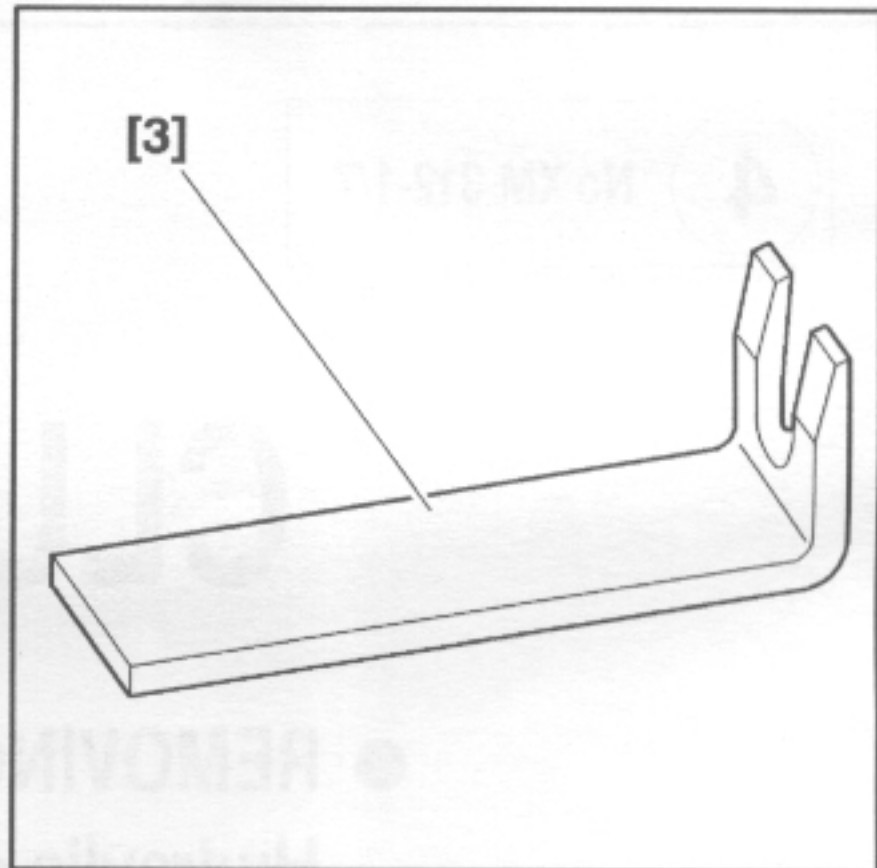


Fig : E5-P070C

[3] tool 9040-T.H for unclipping quick-fit union.

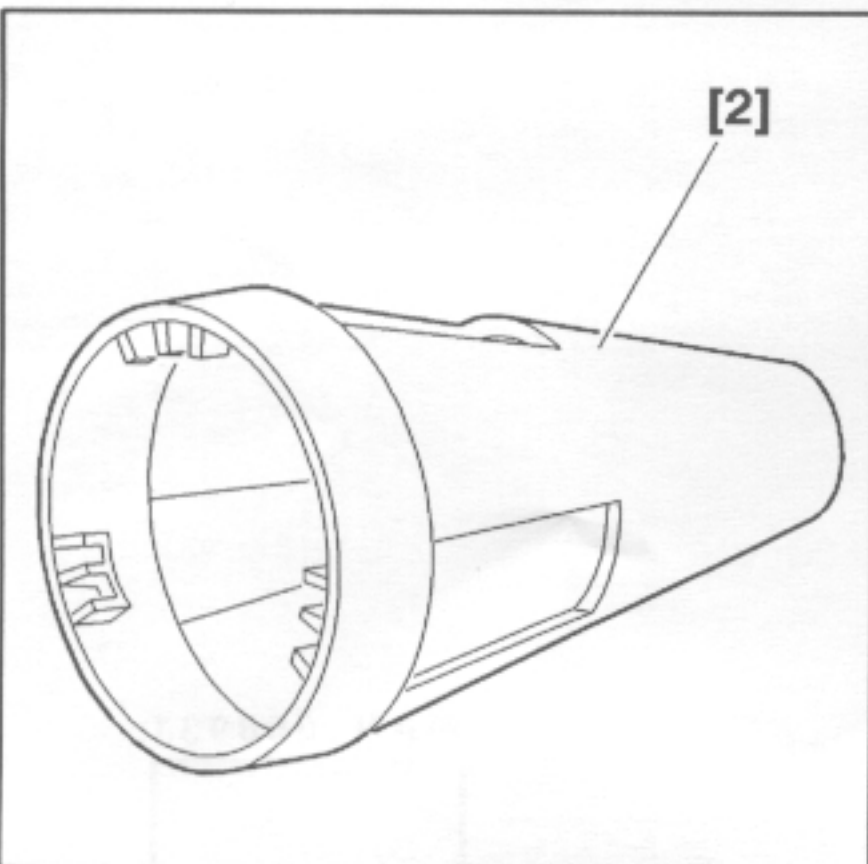


Fig : E5-P048C

[2] slave cylinder locking end-piece 9040-T.F.

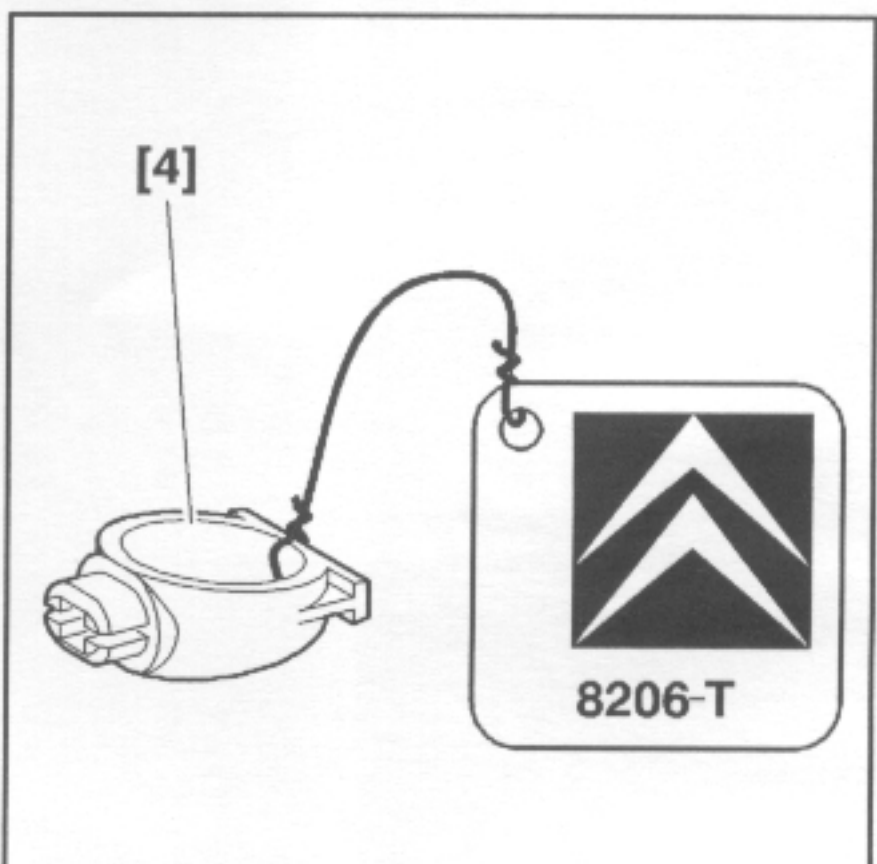


Fig : E5-P05CC

[4] steering bearing locating stop 8206-T.

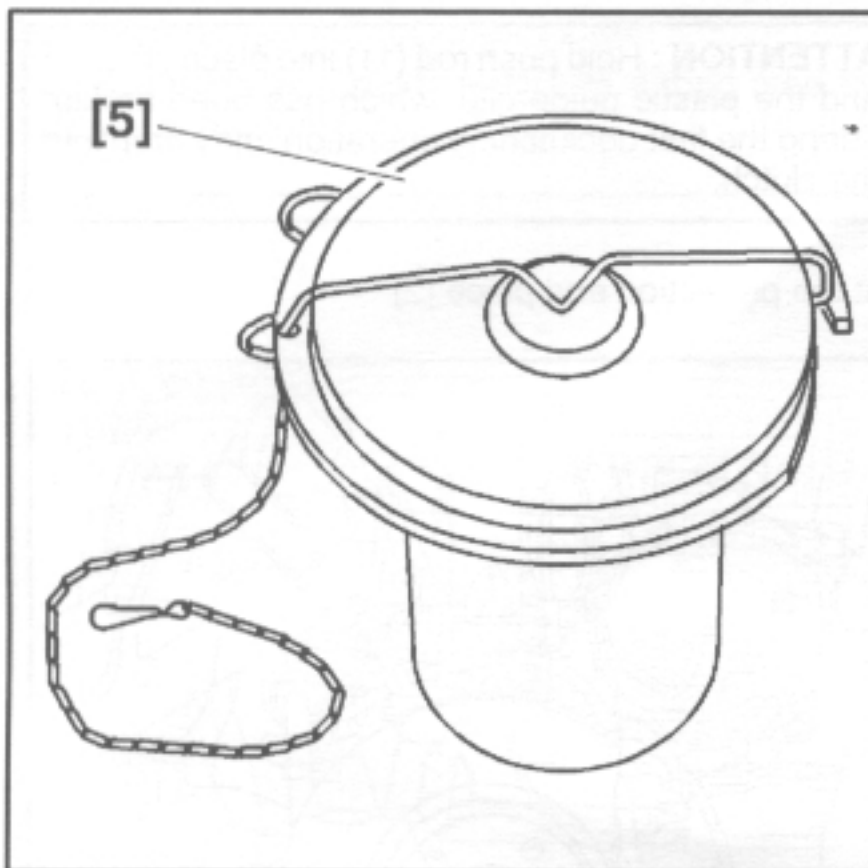


Fig : E5-P05DC

[5] LHM reservoir/filter assembly cover (9004-T).

2 – REMOVAL

The hydraulic clutch control consists of 2 parts.

1 – engine compartment side :

- the slave cylinder
- the push rod
- the semi-rigid hydraulic piping

2 – passenger compartment side :

- the master cylinder
- the reservoir
- the quick-fit union

NOTE : Move the seat fully backwards (driver's side).

2.1 – Engine compartment side

Lift and support the front of the vehicle.

Remove the left-hand front wheel.

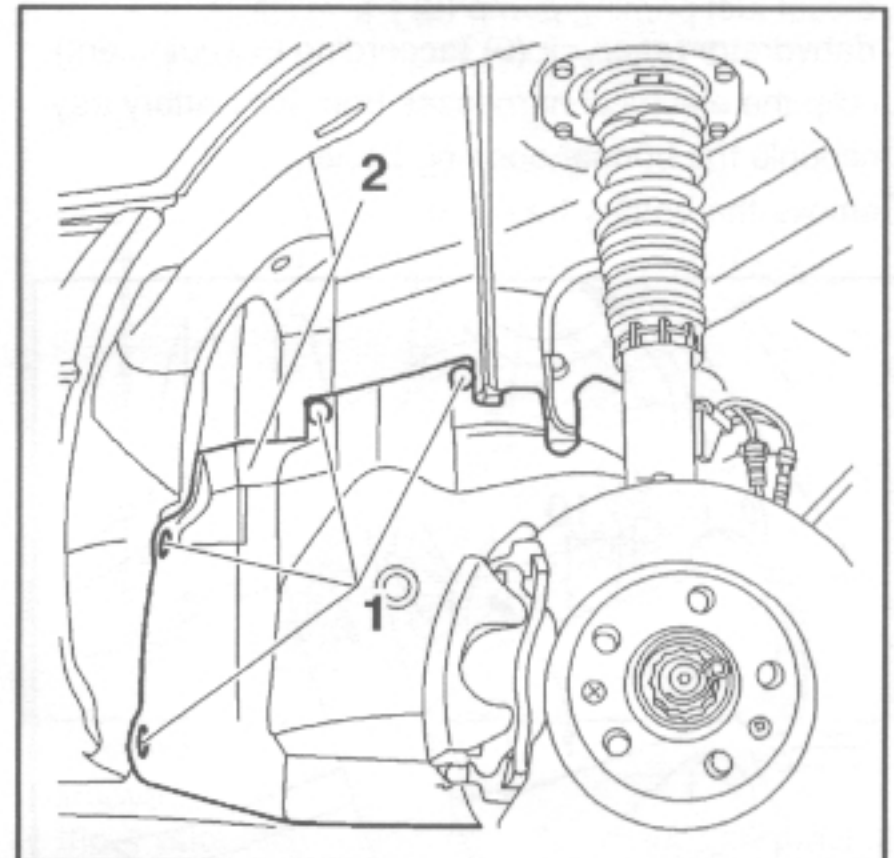


Fig : B2BP01MC

Remove :

- pegs (1) ; utilising tool [1]
- the mud shield (2)

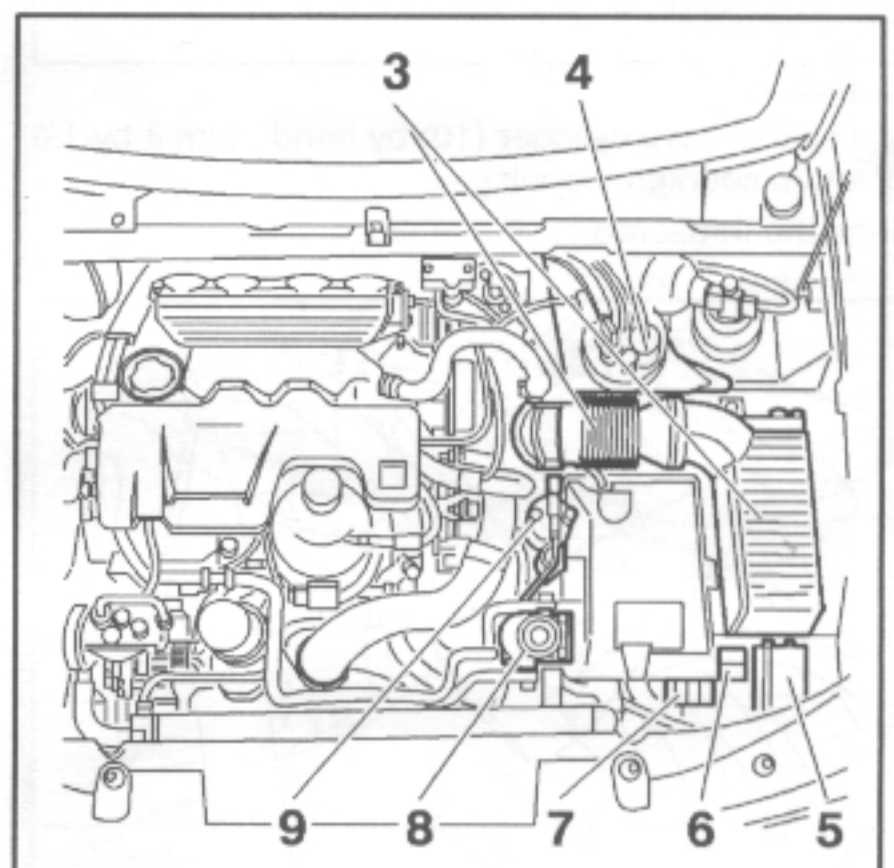


Fig : B2BP01NC

Unclip the battery trim cover : 2 attachment points, front side end, 1 attachment point marked by an arrow towards the air filter (using a screwdriver).

Disconnect the battery.

Remove :

- the battery
- air filter (3) (provided with the sleeve and breather connection hose)
- the LHM fluid reservoir (4)

Locate the LHM reservoir/filter assembly cover [5].

CLUTCH

Take out the fixing screws then push aside :

- fuse holder housing (5)
- fuse holder housing (6)
- pre-heater control unit (7)
- diesel fuel priming pump (8)
- dehydrator reservoir (9) (according to equipment)

Unclip the electrical harnesses from the battery tray.

Uncouple the bonnet opening cable.

Remove the battery tray.

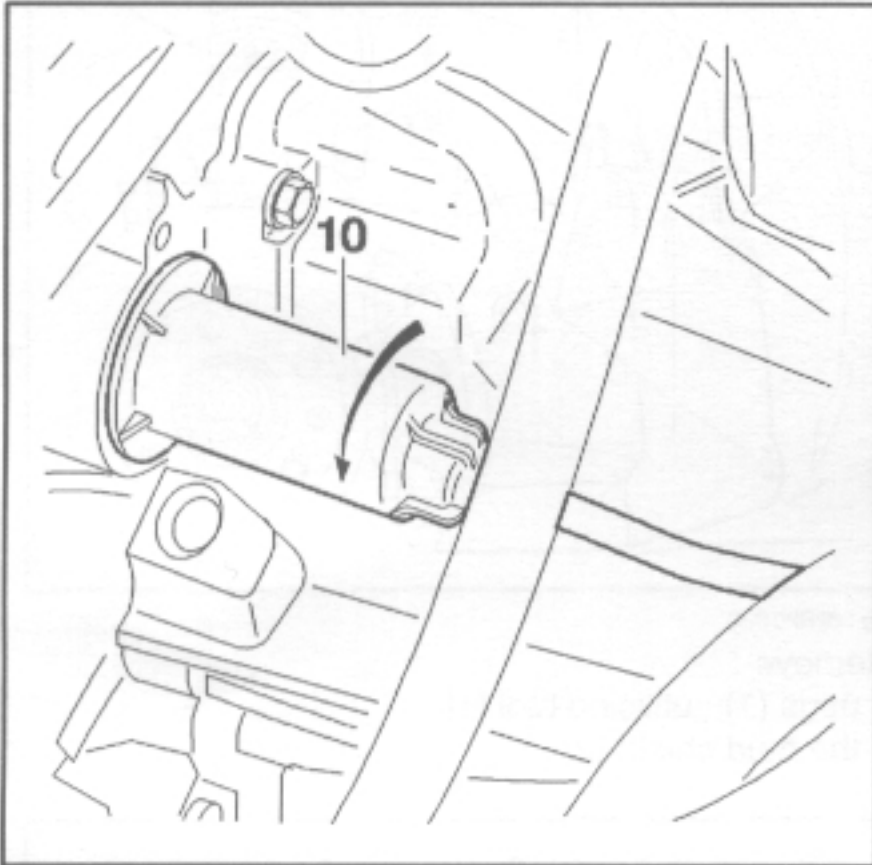


Fig : B2BP01PC

Unclip the slave cylinder (10) by hand ; turn it by 1/8 of a turn counterclockwise.

Mind the thrust rod.

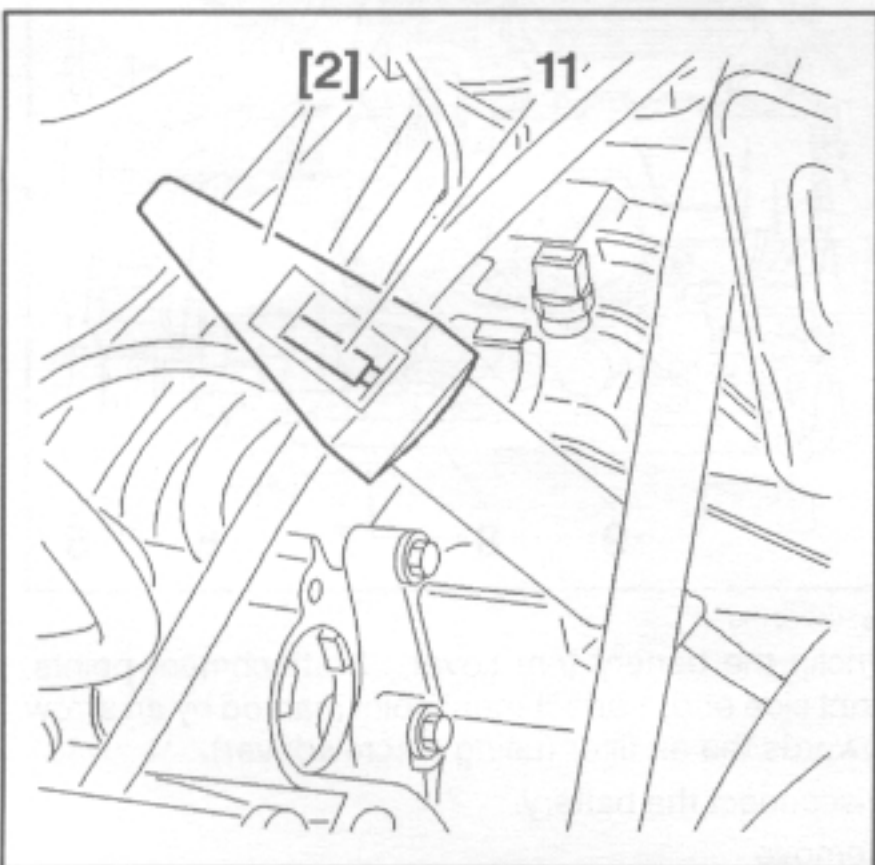


Fig : B2BP01QC

ATTENTION : Hold push rod (11) into place : the rod and the plastic guide clip, which has been broken during the first declutching operation, may drop into the clutch.

Fit the protection end piece [2].

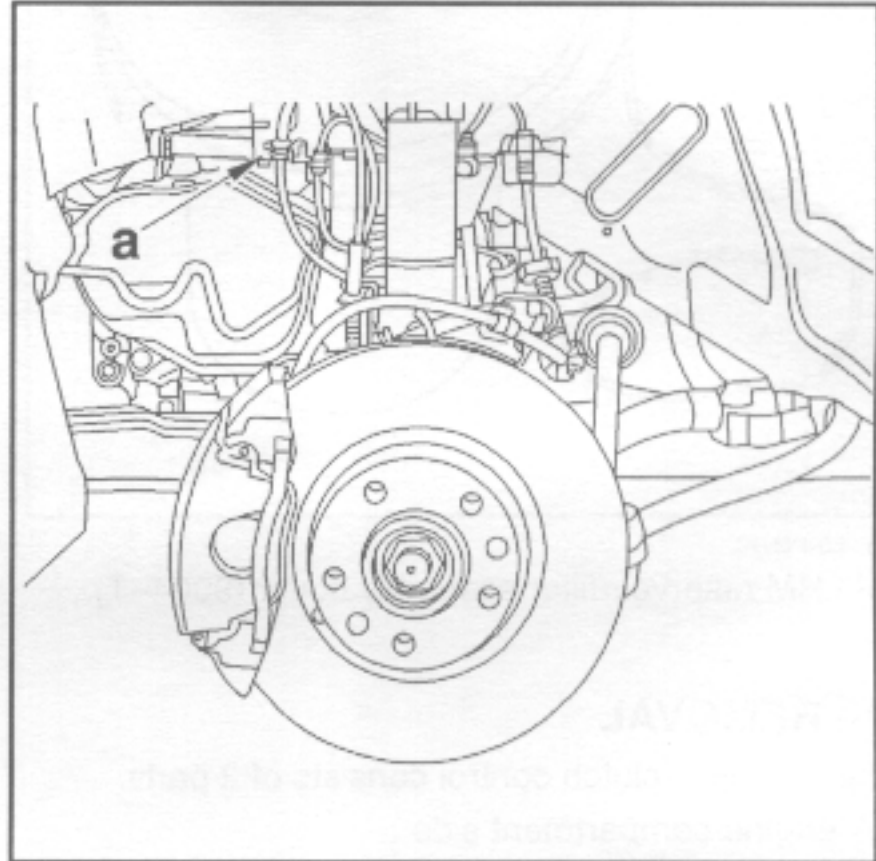


Fig : B2BP01RC

Unclip the hydraulic pipe for clutch control from the side sill at "a" and from the gearbox.

Remove the fixing bracket from the hydractive suspension hydraulic pipe (under the sphere).

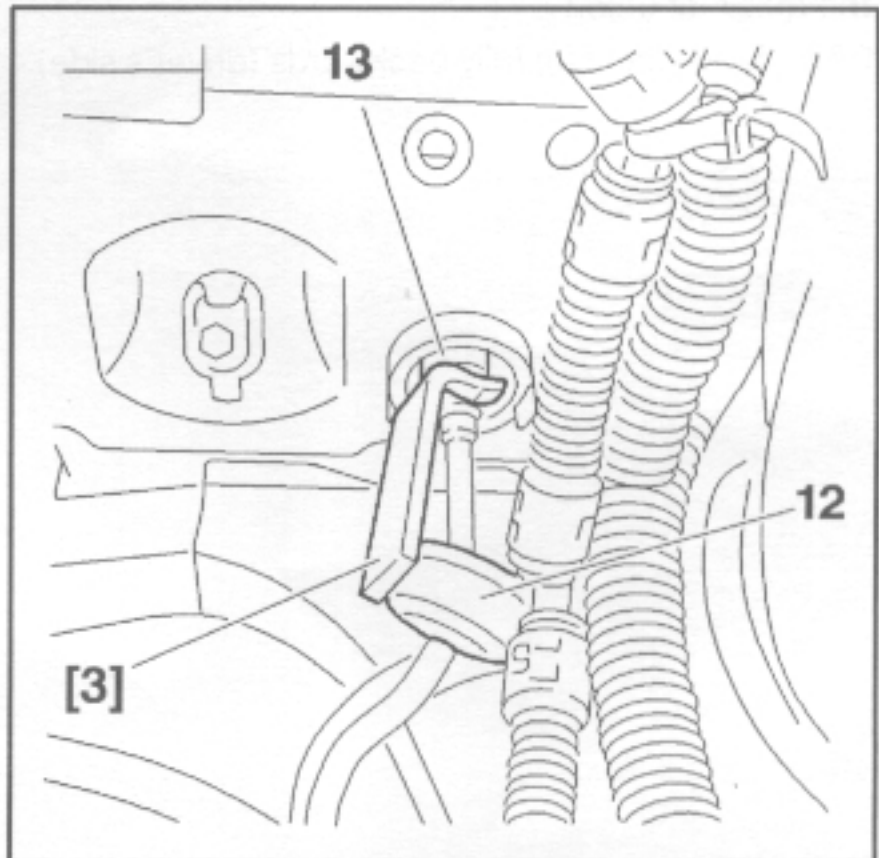


Fig : B2BP01SC

Disengage rubber protector (12) from the bulkhead.

Unclip the quick-fit union (13) ; utilising tool [13].

Remove the clutch control through the wheelarch.

2.2 – Passenger compartment side

Remove the steering wheel and its airbag (see the relevant operation).

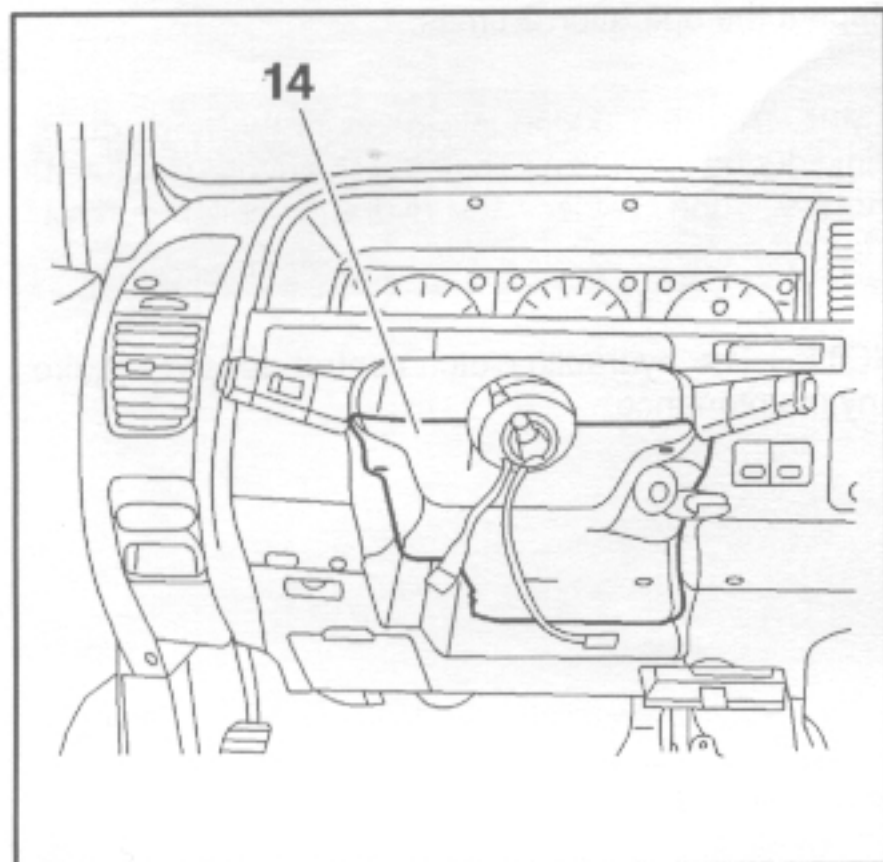


Fig : B2BP01TC

Remove :

- lower panel (14)
- the L.H. lower trim

Disengage the junction box partially.

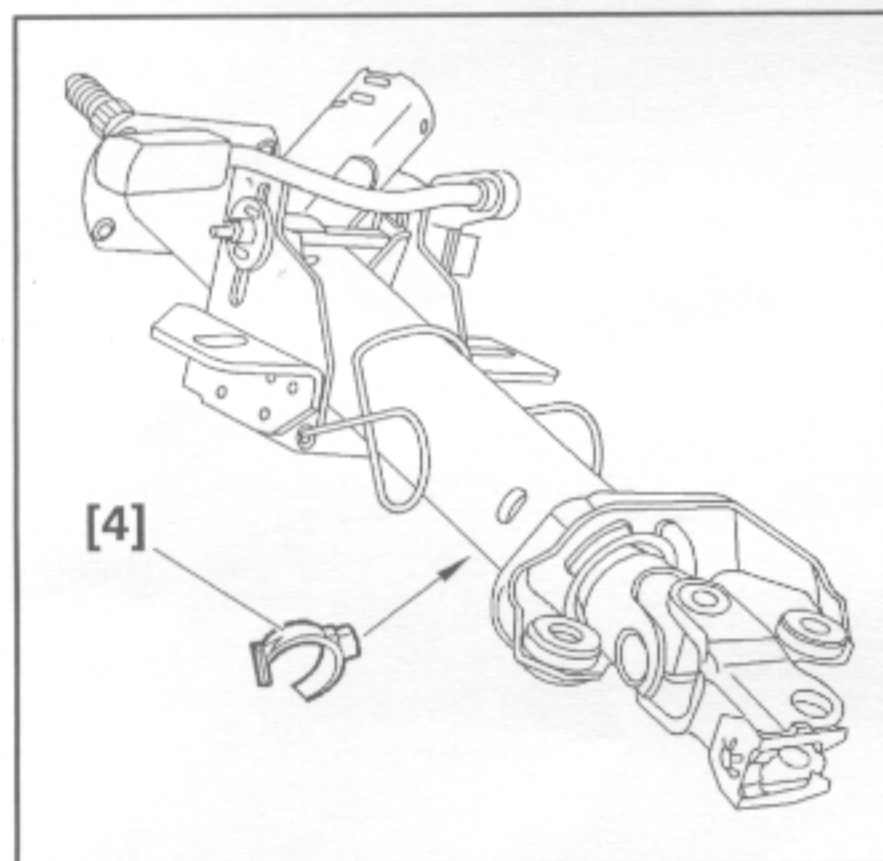


Fig : B2BP01UC

Fit the plastic clamp [4].

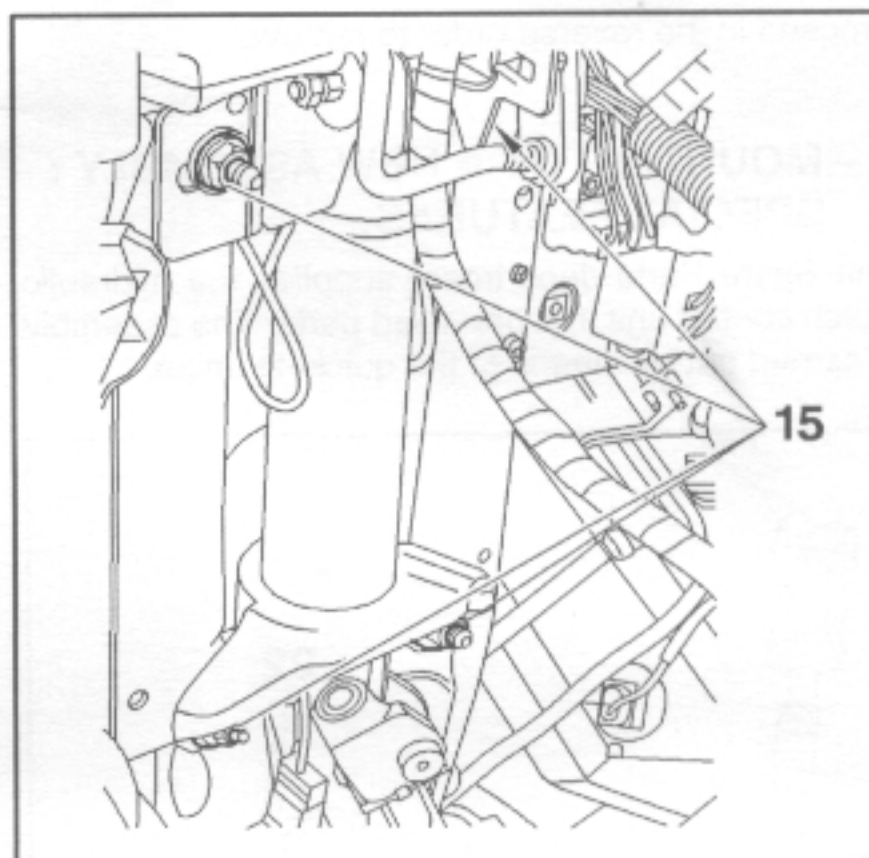


Fig : B2BP01VC

Remove :

- the 4 nuts (15) – steering column support bracket fixing
- the 3 bolts – clutch pedal bracket fastenings

Remove the pedal shaft (NYLSTOP nut).

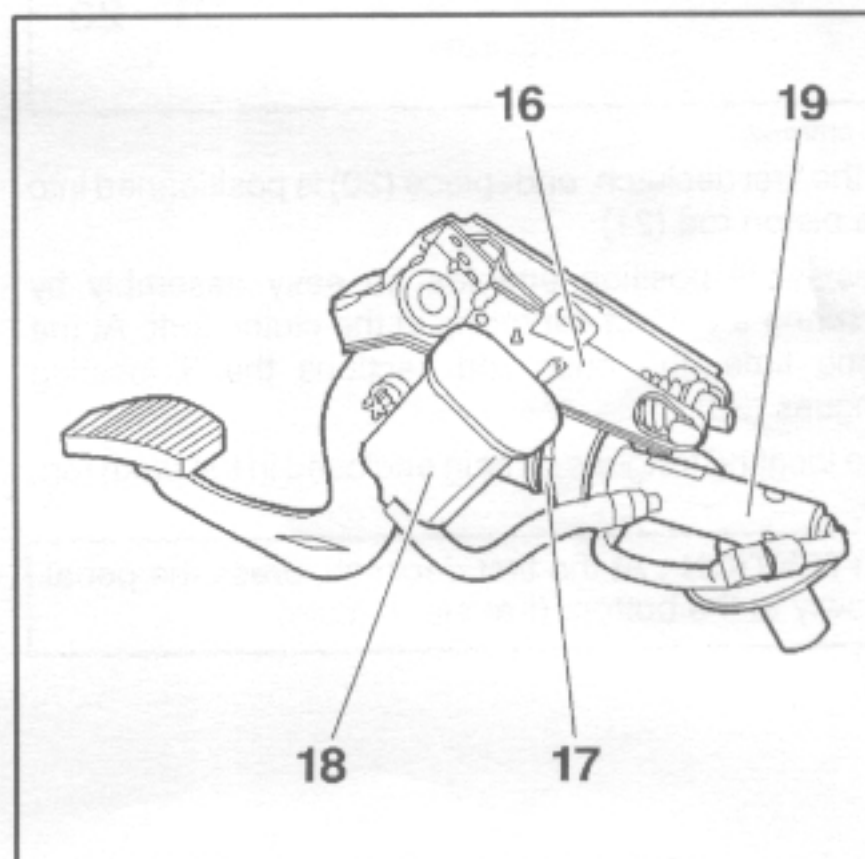


Fig : B2BP01WC

Remove the pedal bracket (complete) (16).

Unclip :

- the push rod (17)
- the reservoir (18)

Remove the master cylinder (19) ; turn it by 1/8 of a turn counterclockwise.

3 – REFITTING

Proceed in the reverse order to removal.

4 – MOUNTING OF A NEW ASSEMBLY : SPECIAL FEATURES

The Spare Parts department supplies the hydraulic clutch control unit in 2 pre-filled parts. The assembly is carried out by means of the quick-fit union.

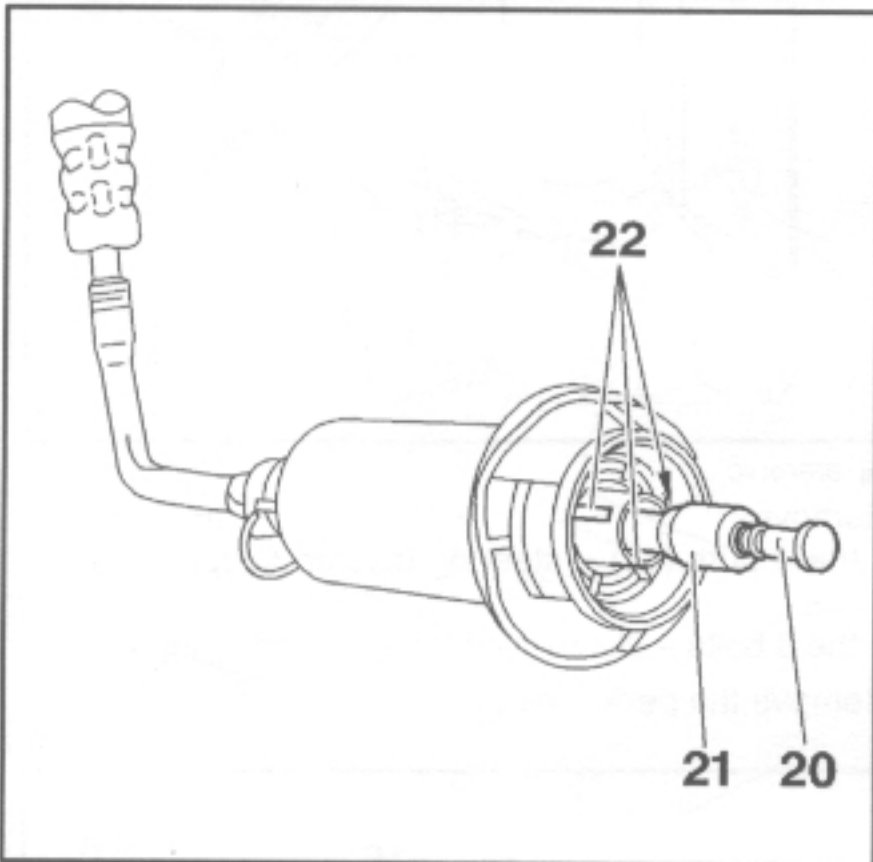


Fig : B2BP01XC

At the first declutch, end-piece (20) is positionned into the piston rod (21).

This initial position enables an easy assembly by ensuring a correct centering in the clutch fork. At the same time, the push rod sections the 3 locating tongues (22).

The locating tongues remain enclosed in the push rod.

ATTENTION : At the first declutch, press the pedal slowly to the bottom (transfer of fluid).

Return the pedal slowly by hand.

Wait a few seconds.

Repeat the operation 3 times.

IMPERATIVE : Taking into account the transfer of fluid during operation and use of the hydraulic clutch control : don't replace the hydraulic clutch control partially.

NOTE : The hydraulic clutch control doesn't require any maintenance.