

CLUTCH : CHECKS AND ADJUSTMENTS

XANTIA - SYNERGIE

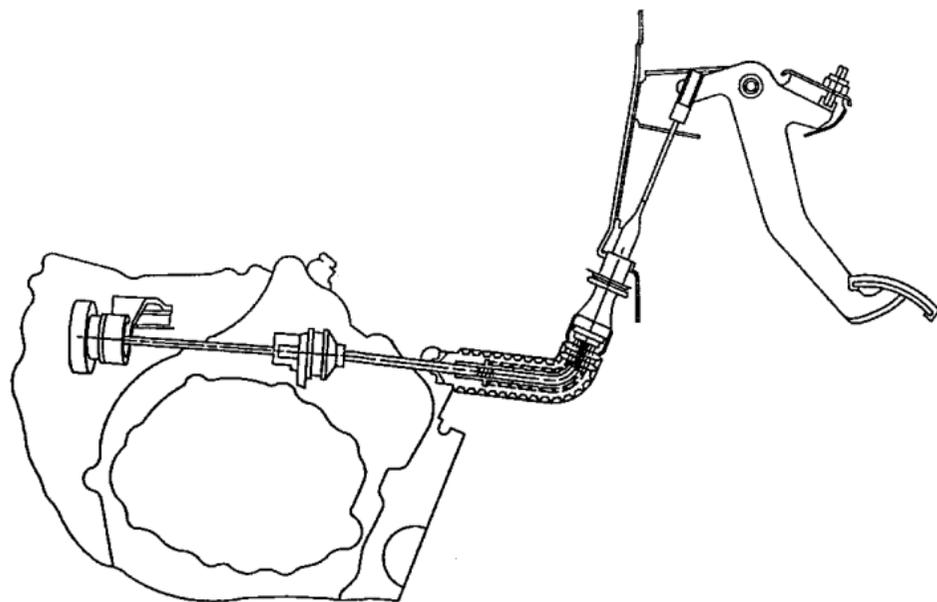
Push-action clutch with automatic adjustment (Non-adjustable) (*)

Engines

BFZ - LFX - LFY - RFN - RHY

Gearbox

BE3/5



Refitting the clutch cable.

- Set the pedal to the high position (contact at **A**).
 - Attach the cable end-piece to the pedal.
 - Refit a new clip (**3**) to the pedal.
 - Fit the end-piece (**4**) to the bulkhead (**G6** grease).
 - Clip the end-piece (**5**) to the gearbox.
 - Refit the cable to the lever (**1**).
 - Depress the clutch cable several times to set the assembly in place.
 - Check that the end-piece (**4**) is properly fitted to the bulkhead.
 - Check the operation of the automatic adjusting device.
- 1)** - Pull the lever (*in direction F*), the lever must move when pulled by hand.
 - 2)** - Press the clutch pedal very lightly and repeat the same operation. The lever should not move back.

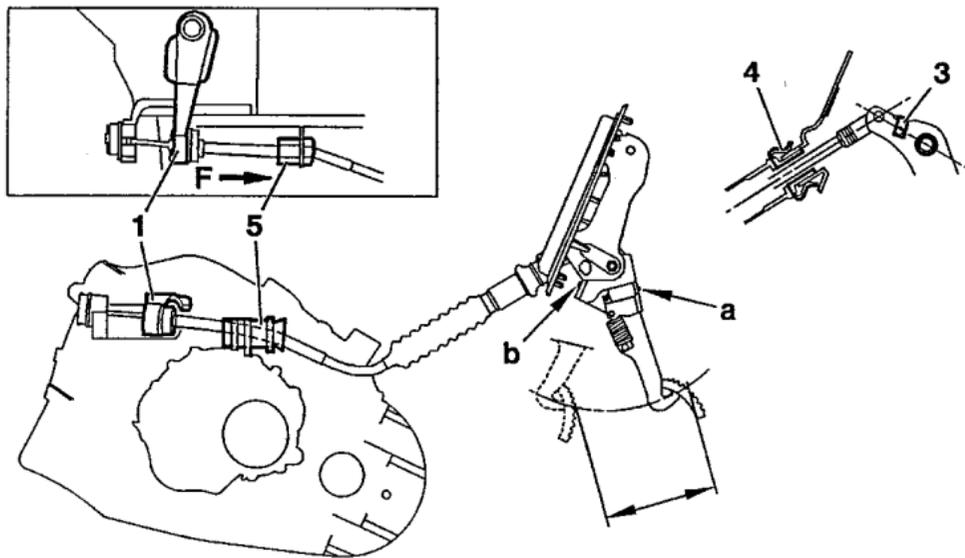
(*) See pages : 172 to 173).

B2BP03PD

CLUTCH
GEARBOX
DRIVESHAFTS

Pull-action clutch with automatic adjustment (Non-adjustable) (*)

Engines	Xantia - XM : RFV - DHX	Gearboxes	BE3/5
	XM : RGX		ME/5
	Synergie : RFV		ML/5

**Refitting the clutch cable.**

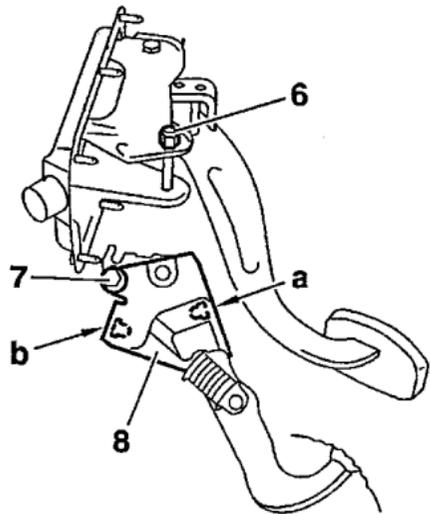
- Set the pedal to the high position (contact at **A**).
 - Attach the cable end-piece to the pedal.
 - Refit a new clip (**3**) to the pedal.
 - Fit the end-piece (**4**) to the bulkhead (**G6 Grease**).
 - Clip the end-piece (**5**) to the gearbox.
 - Refit the cable to the lever (**1**).
 - Depress the clutch cable several times to set the assembly in place.
 - Check that the end-piece (**4**) is properly fitted to the bulkhead.
 - Check the operation of the automatic adjusting device.
- 1)** Pull the lever (in direction **F**), the lever must move when pulled by hand.
 - 2)** Press the clutch pedal very lightly and repeat the same operation. The lever should not move back.

(*) See pages : 172 to 173).

B2BP03DD

Adjustment of push and pull action clutch with automatic compensation (adjustment of compensation system)

Engines : BFZ - LFX - LFY - RFV – RGX - RFN - DHX - RHY - RHZ



WARNING : If a system blockage is detected when checking, or if the pedal has been removed, the pedal position must be adjusted. This position is obtained by the angular displacement of the stop supports "a" and "b".

Procedure

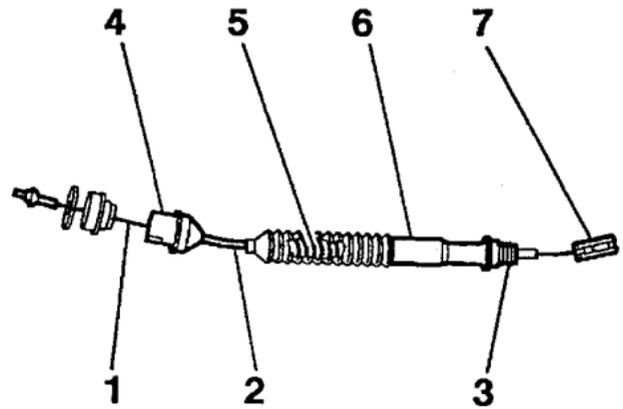
- Loosen the nut (6) and the screw (7).
- Using a lever, raise the stop support (8) to its highest position.
- In this position, there must be a substantial free play in the pedal.
- Lower the support until there is a free play of 2 ± 1 mm.
- Tighten the screw (7) and the nut (6).
- Check that the outer cable slides freely (at rest, the pedal is against its upper stop «A», the outer cable length should be variable).

Characteristics

- The automatic adjusting device requires no manual adjustment.
- Pedal travel remains constant for all models 145 ± 5 mm.
- Automatic adjustment is achieved by modifying the curvature of the outer cable.
- Take extra care with the routing of the outer cable, and do not add any supplementary fixing points.

CLUTCH : CHECKS AND ADJUSTMENTS

Engines : BFZ - LFX - LFY - RFV – RGX - RFN - DHX - RHY - RHZ



B2BP02SC

NOTE : This cable has an automatic adjusting device which takes up the clutch disc wear and makes up for the compression of the outer cable.

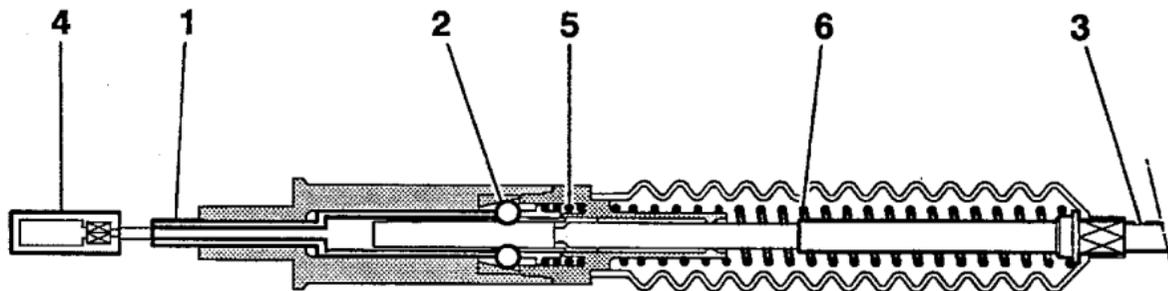
DESCRIPTION

- | | |
|---|---|
| <ul style="list-style-type: none"> 1 - Metallic cable, crimped on both ends. 2 - Outer cable or telescopic duct. 3 - Outer cable stop, bulkhead side (<i>fixed point on the bodyshell</i>). 4 - Outer cable stop, gearbox side (<i>fixed point on the gearbox</i>). | <ul style="list-style-type: none"> 5 - Tensioning spring ensuring the maximum length of the outer cable. 6 - Wear take up device. 7 - Attaching end-piece. |
|---|---|

CLUTCH : CHECKS AND ADJUSTMENTS

XANTIA - XM - SYNERGIE

Engines : BFZ - LFX - LFY - RFV - RGX - RFN - DHX - RHY - RHZ (Continued)



B2BP03QD

Operation	Clutch disengagement phase	Engagement / adjustment phase
<p>For the adjusting device to operate correctly, it is necessary that :</p> <p>The pedal is at rest (<i>against its upper stop</i>)</p> <p>The locking sleeve (1) is slightly compressed, the rollers (2) are free, the outer cable (3) length may vary.</p>	<p>As soon as the pedal is applied, the attaching end-piece (4) leaves the sleeve (1) which moves back. The rollers, pushed by spring (5) jam the system. The cable behaves like a conventional cable.</p>	<p>The pedal returns to rest on its upper stop. Attaching end-piece (4) pushes sleeve (1) which frees the rollers.</p> <p>Outer cable (3), kept extended by the spring (6) becomes :</p> <ul style="list-style-type: none"> - Shorter if the clutch disc is worn. - Longer if the outer cable has been compressed.

NOTE : The pedal gear has a non-adjustable assisting device

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