



LuK Service Info



Concentric slave cylinder 510 0176 10/510 0177 10

Notes and air removal

Vehicle

manufacturers: Audi
Ford
Seat
Škoda
VW

For current listing refer to parts catalog

After replacing central release mechanism, the air must be removed from the hydraulic system. When doing so, you must follow a specific sequence of steps, because otherwise the concentric slave cylinder may be damaged.

It is recommended to remove air from the concentric slave cylinder in the following steps:

1. Fill the brake fluid reservoir with brake fluid up the „max“ mark
2. Set the clutch pedal to the upper stop
3. Attach the filling and air removal device
4. Remove the protective cover from the bleed screw at the connection of the central release mechanism and insert the tubing from the air removal bottle onto the bleed screw
5. Switch on the air removal device and set it to a working pressure of 2.0 bar
6. Loosen the bleed screw by a 1/4 turn and allow 100 cm³ of brake fluid to flow out
7. With the bleed screw open, actuate the clutch pedal 15-20 times by hand very rapidly (approx. 2 actuations per second)
In so doing, the clutch pedal must always reach the lower and upper stops. If this procedure is not followed, the concentric slave cylinder can burst!
8. Close the bleed screw
9. Switch off the air removal device and release the working pressure from the device
10. Slowly actuate the clutch pedal 10 times while verifying proper operation of the release mechanism



Air must be removed from the concentric slave cylinder in accordance with a specific procedure

Please observe the vehicle manufacturer specifications!

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