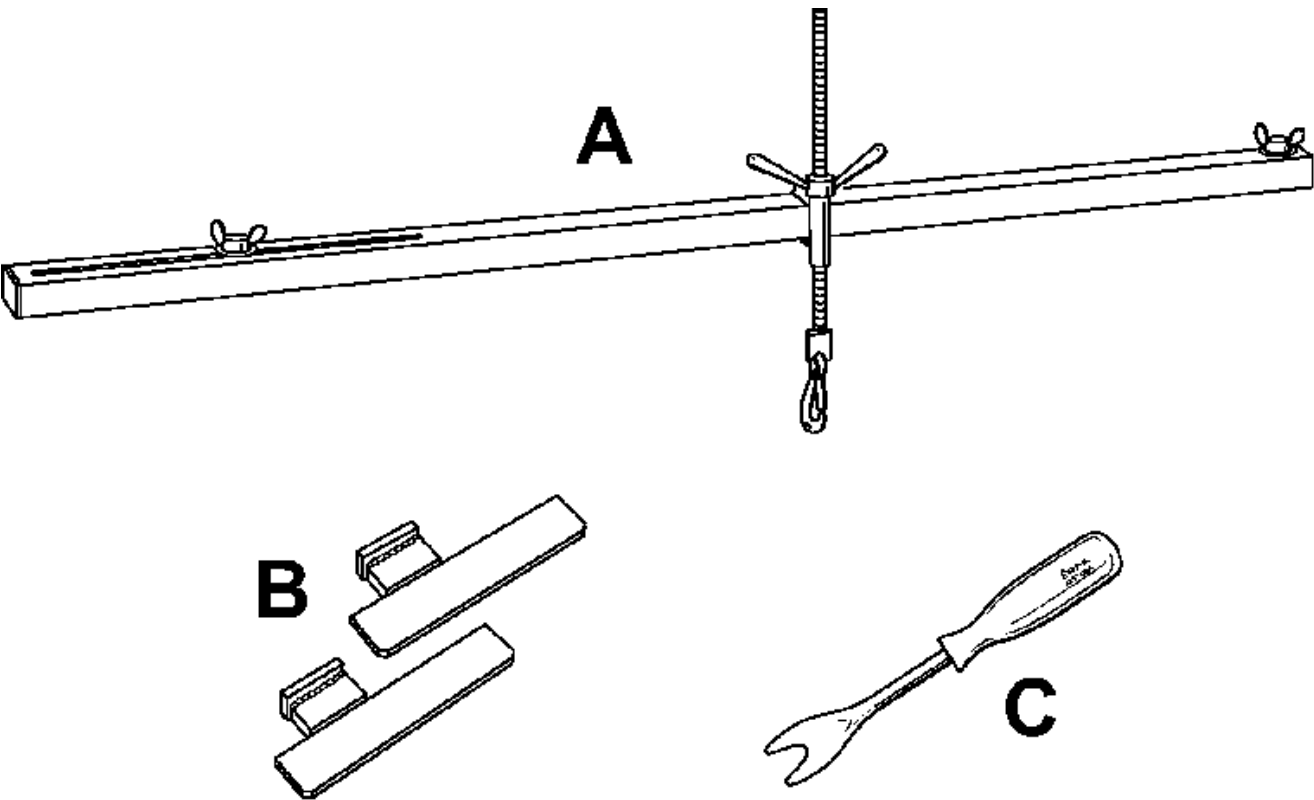


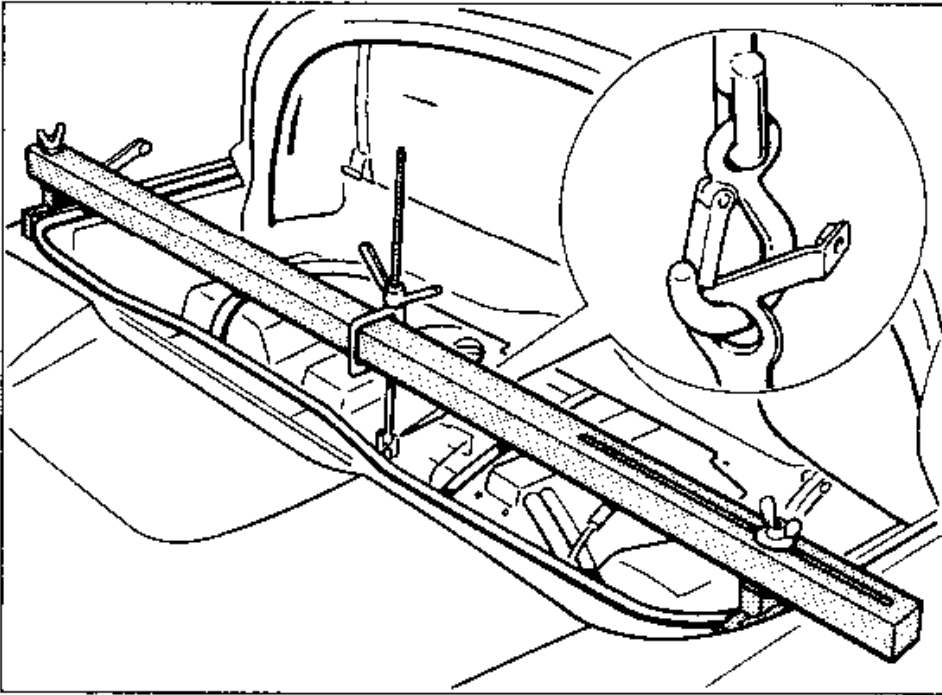
Tools



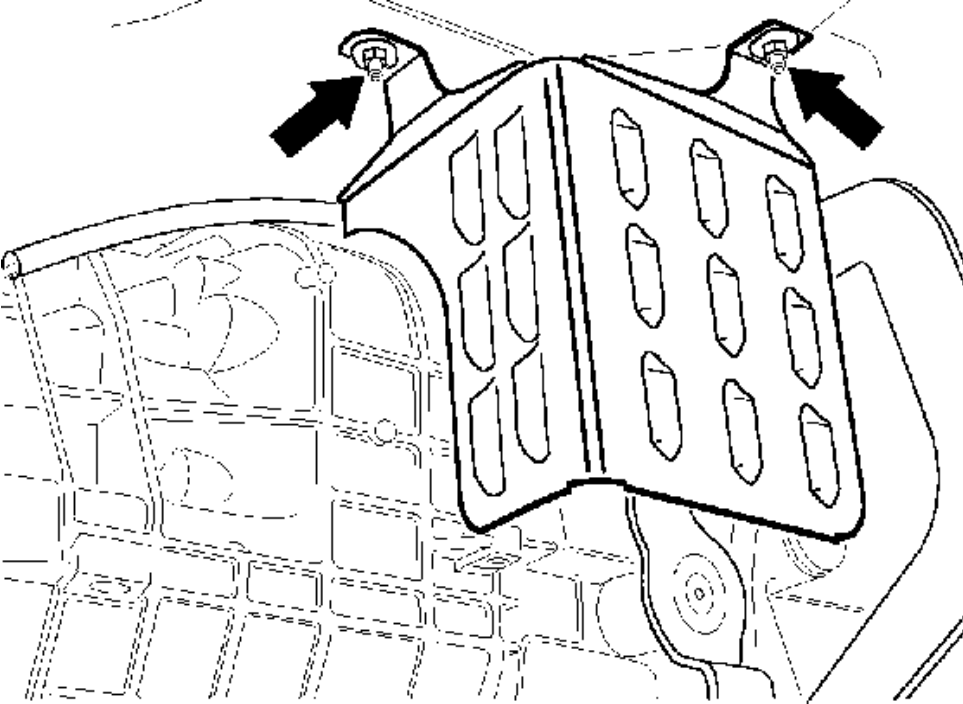
Item	Designation	Special tool	Explanation
A	Support beam	10 - 222 A	Commercially available (refer to Technical Equipment Manual, Chapter 2.4, No. 21)
B	Support feet	9591/1	
C	Removal tool		

Removal

1. Remove muffler for intake system.
2. Hold engine in installation position at the transport bracket using special tools 10 - 222 A and 9591/1.



3. Remove diagonal braces and sheetmetal cross member.
4. Remove stabilizer.
5. Remove rear muffler
(see serv. No. 26 33 19).
6. Remove rear cross member (V strut).
7. Remove heat shield.



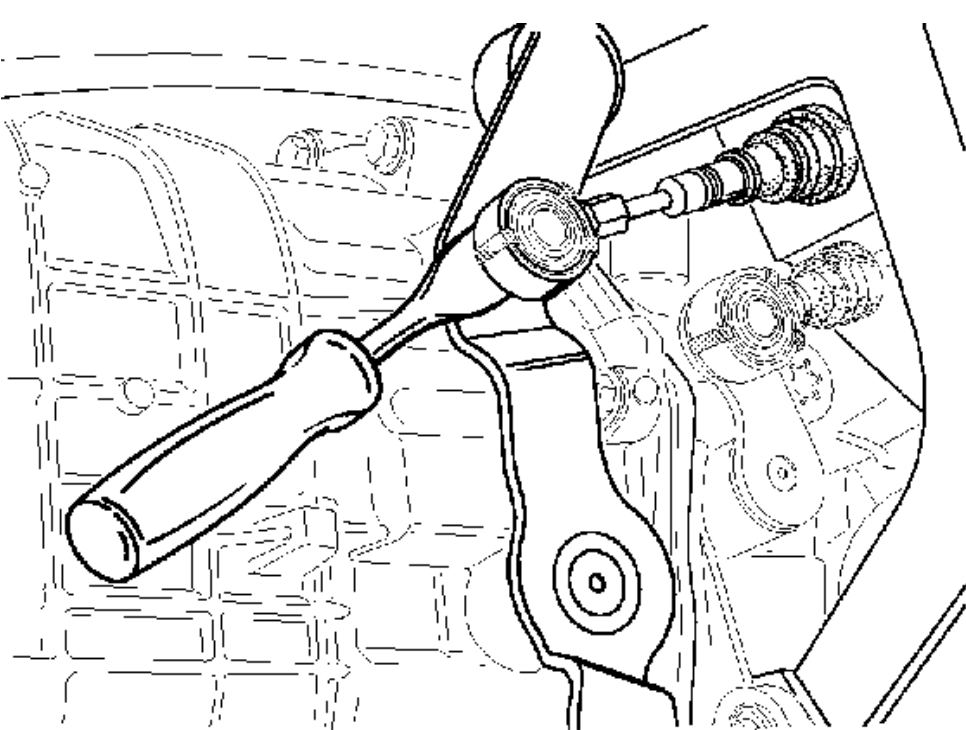
8. Remove drive shafts at the transmission and protect the shafts against damage (use scrap pieces of hose with a diameter of 30 mm).
9. Disconnect plug connection for the reversing-light switch and pull the wire out of the retaining clips.
10. Unscrew the clutch slave cylinder and hang up at the side with the hose connected.

Warning!

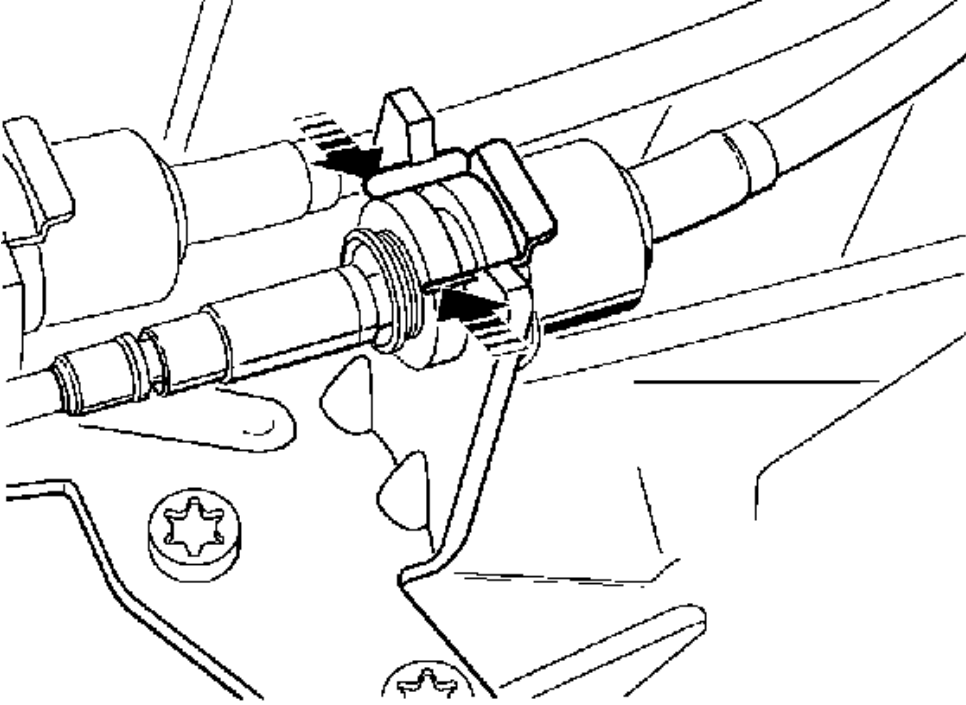
**The clutch pedal must not be pressed if the slave cylinder has been removed.
Danger of injury from flying piston rod.**

Affix a warning note where it can be seen in the vehicle!

11. Lever off shift cables on transmission lever using a commercially available removal tool (refer to Technical Equipment Manual, Chapter 2.4, No. 21).



12. Release the support bracket sleeves (press tabs in the direction indicated by the arrow) and carefully pull them out of the bracket.



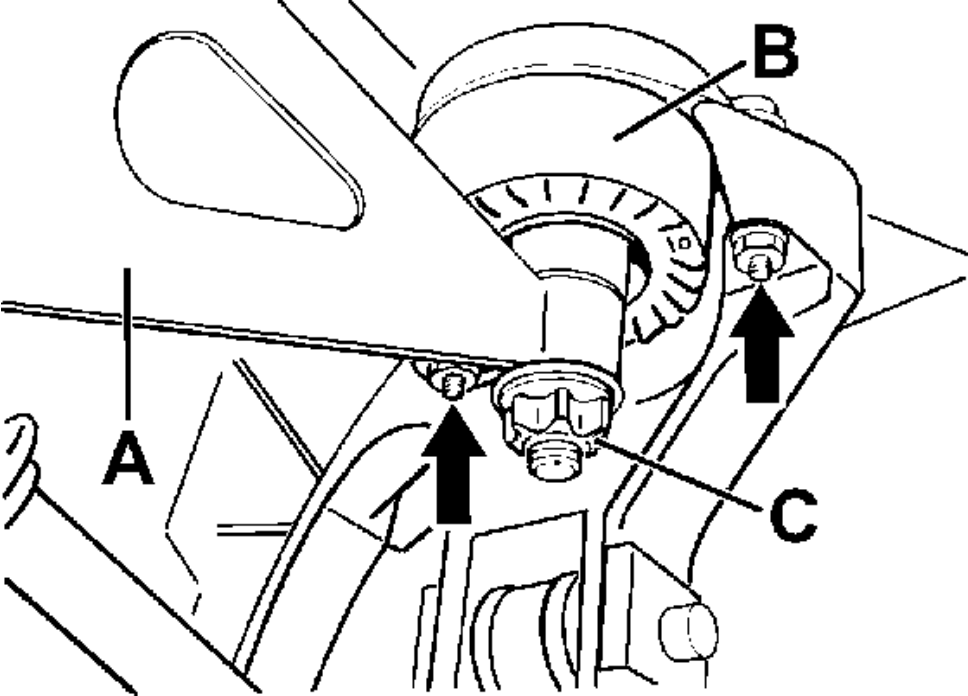
Note

The shift and cables must not be excessively bent or kinked.

13. Place transmission jack under the transmission and fasten fixing strap.
14. Remove transmission support **with** left and right **hydraulic mounts**.

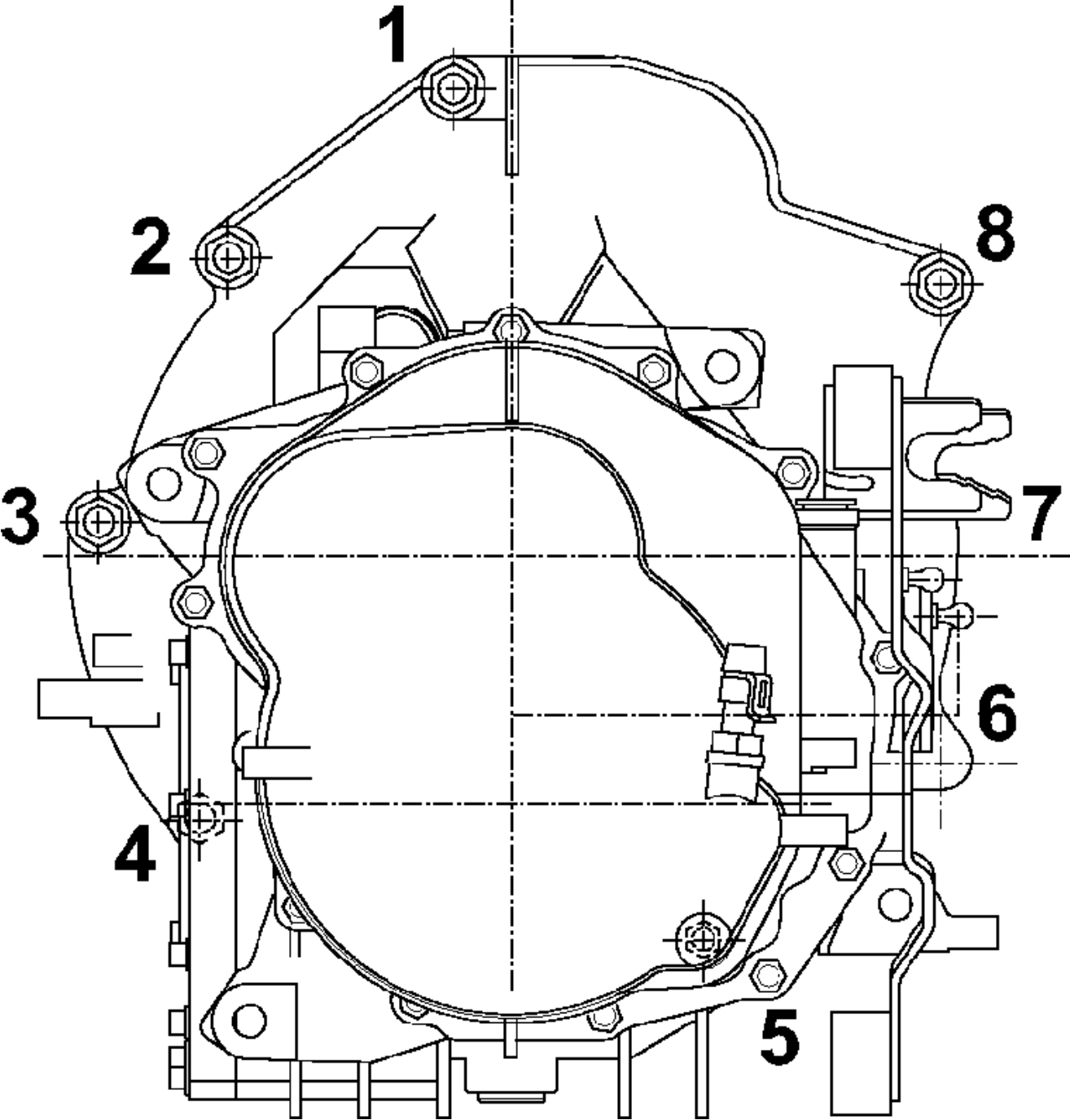
Note

Fastening nut "C" (M12) must not be undone. Otherwise, the transmission support will be damaged.



A = Transmission support
B = Hydraulic mount
C = M12 fastening nut

15. Unscrew transmission/engine fastening screws.
Use a polygon wrench (10 mm,
part No. 999.571.052.02) for screw No. 4.



16. Pull transmission to the rear and lower it carefully.

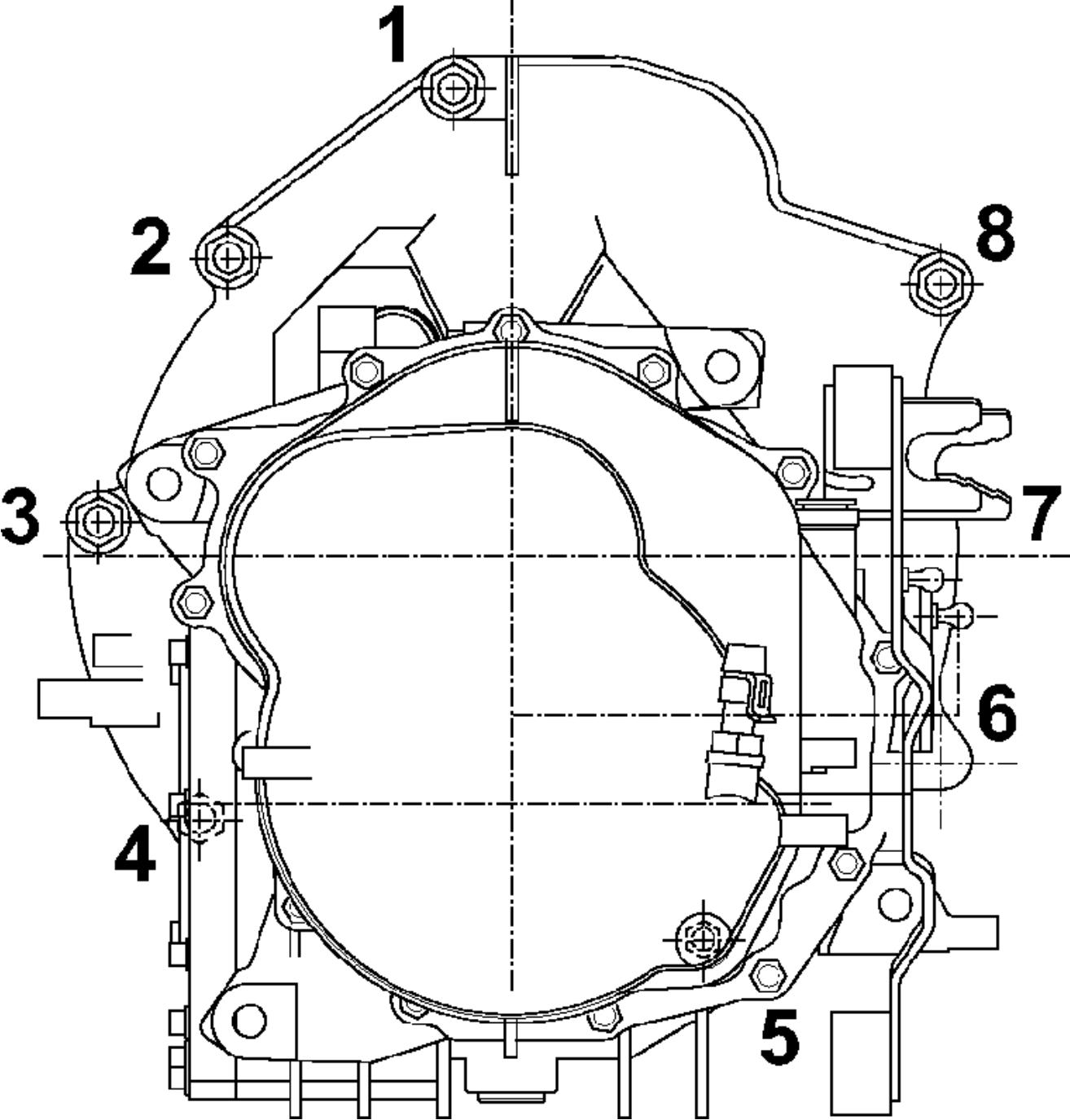
Installation

Note

The rear cross member (V strut) cannot be fitted if the rear muffler is installed.

Installation is performed in reverse order, taking the following points into account.

1. Clean teeth of the drive shaft and grease with a thin coat of **Olista Longtime 3 EP** (available as spare part).
2. Ensure perfect seating of dowel sleeves in crankcase.
3. Carefully move transmission in and properly fasten to engine.



No.	Screw/nut	Nm (ftlb.)
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1	M12 x 70	85 (63)
2	M12 x 100	85 (63)
3	M12 x 100	85 (63)
4 *	M10 x 50	45 (33)
5	M10 x 50	45 (33)
6	M12 x 50	85 (63)
7	M12 x 70	85 (63)
8	M12 x 70	85 (63)

* Multiple-tooth nut

4. Fit the clutch slave cylinder and tighten fastening screw to **23 Nm (17 ftlb.)**.

Note

The bleeder valve must be opened if the piston rod cannot be pushed back manually when the clutch slave cylinder is being installed. Connect a collecting bottle with hose for this purpose.

5. Bleed the clutch system.

Tightening torques (transmission G 86/20)

Diagonal brace on
carrier side section
and body (M10)^ = 65 Nm (48 ftlb.)

Rear cross member (V strut) on
sheetmetal cross member and
body (M10) = 65 Nm (48 ftlb.)

Stabiliser on carrier side
section (M8) = 23 Nm (17 ftlb.)

Stabilizer mount on
stabilizer (M10) = 46 Nm (34 ftlb.)

Drive shaft on transmission

flange (M10) = 81Nm (60 ftlb.)

Transmission support on
transmission (M12) = 85 Nm (63 ftlb.)

Hydraulic mount on carrier
side section (M8) = 23 Nm (17 ftlb.)

Clutch slave cylinder
on transmission (M8) = 23 Nm (17 ftlb.)