

BMW Group - AIR: 2023-08-01 / 17:32

Dealer: 32711/06

Model: X3 M40i

Development code: G01

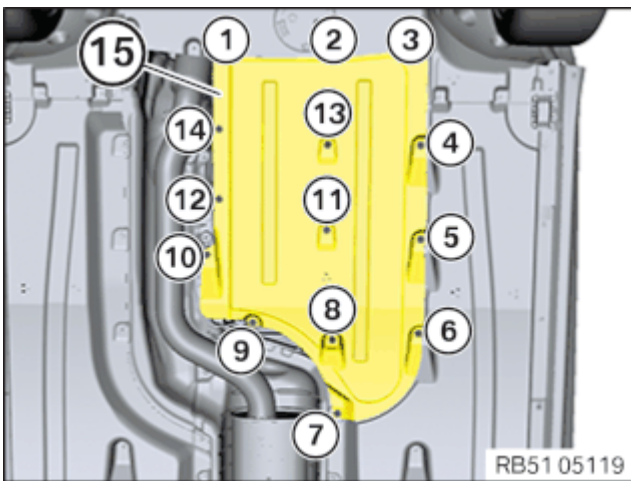
Model code: 83DP

Lead type: 83DP

Oil change in transfer box including used oil disposal »

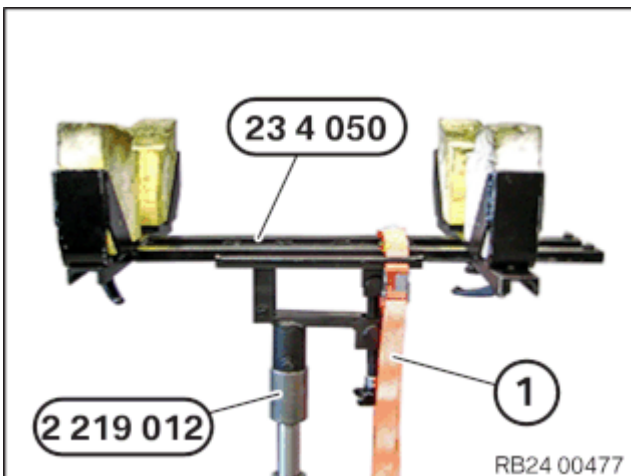
Preliminary work

Removing rear underbody protection

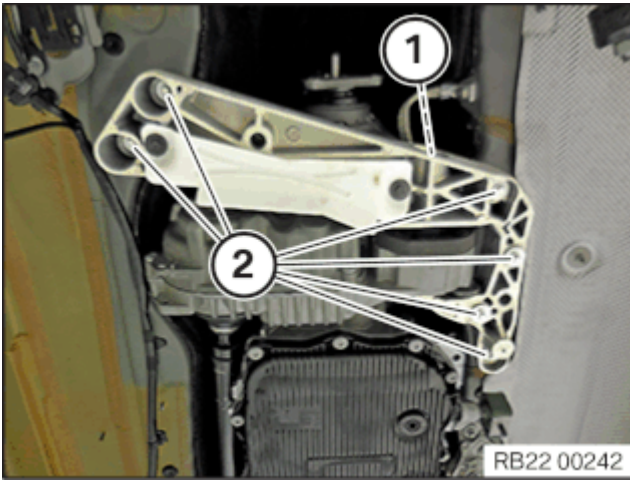


- Loosen screws (1) to (14).
- Guide out the rear underbody protection (15) at an angle toward the rear.

Remove transmission cross-member



- Support the transmission using special tools 0 495 498 (23 4 050) and 2 219 012 .
- Secure the transmission with a tensioning strap (1).



- Loosen screw (1).
- Loosen screws (2).
- Remove transmission cross-member.

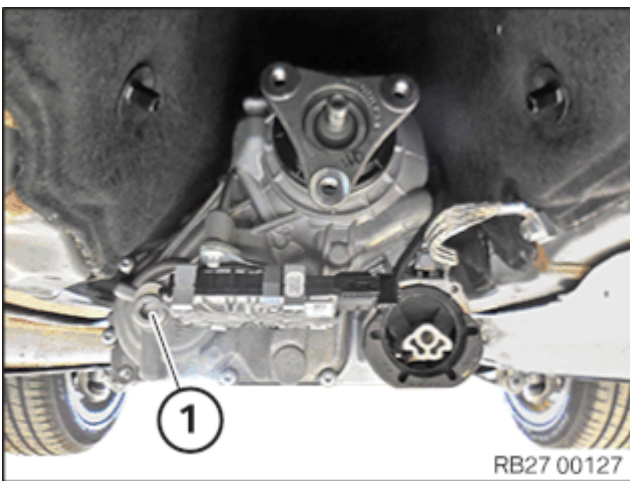
Main Works

Changing the transfer box oil with the diagnostic system

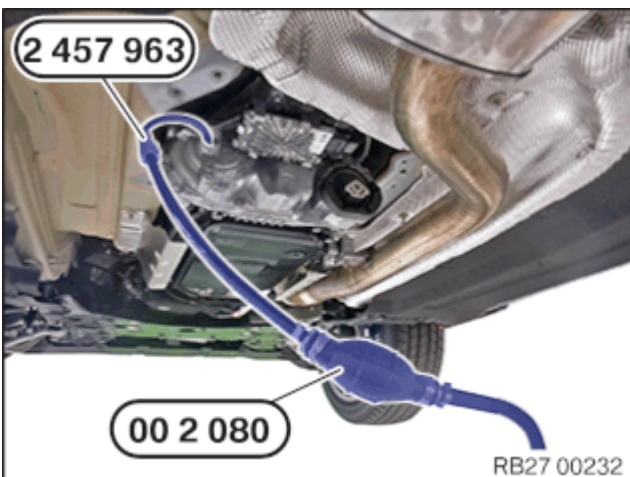


- To guarantee complete emptying and filling of the transfer box: Perform the “oil change” service function with the diagnostic system during the oil change.

Change transfer box oil (ATC 13-1)



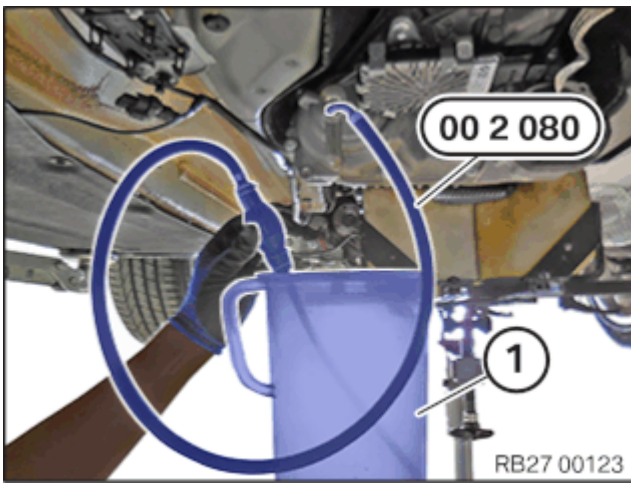
- Open the oil filler plug (1).



i TECHNICAL INFORMATION

Collect and dispose of emerging fluids. Observe country-specific waste disposal regulations.

- Vacuum the transmission oil from the transfer box (VTG) using special tool **0 493 337 (00 2 080)** and special tool **2 457 963**.

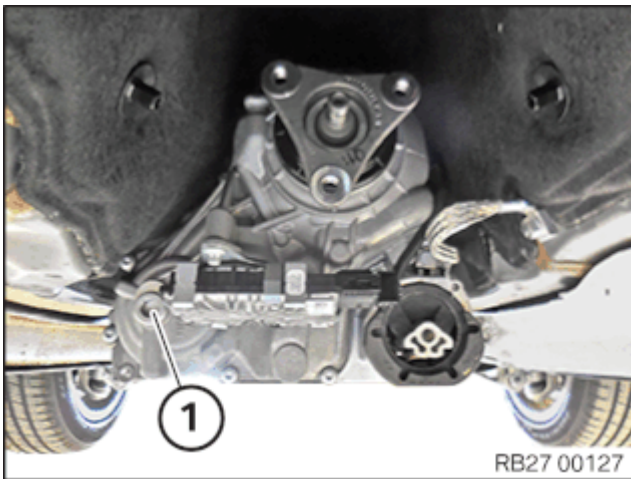


- Top up the transmission oil with the special tool **0 493 337 (00 2 080)** up to the lower edge of the opening for the oil filler plug.

Technical data

Filling capacity of transfer box

Transfer-box oil min. 0,7 l



- Replace the oil filler plug (1).

Parts: Oil filler plug

- Tighten the oil filler plug (1).

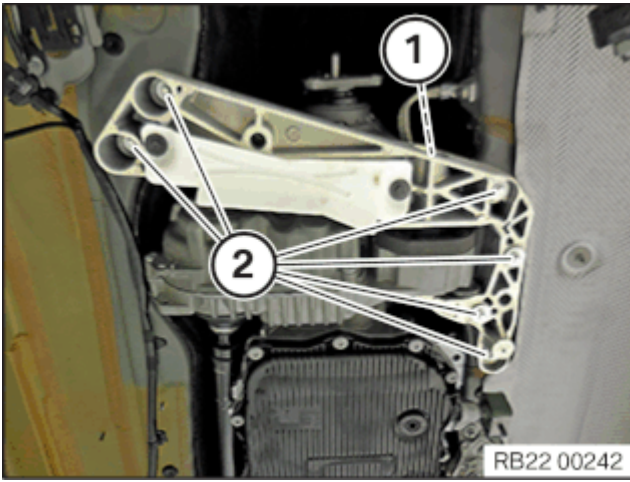
Tightening torques

Oil filler and oil drain plugs

M22 tightening torque 60Nm

Follow-up works

Installing transmission cross member.



- Install transmission cross-member.
- Tighten down screw (1).

Tightening torques

Transmission cross member to rubber mounts

M12

tightening torque
68Nm

- Tighten down screws (2).

Tightening torques

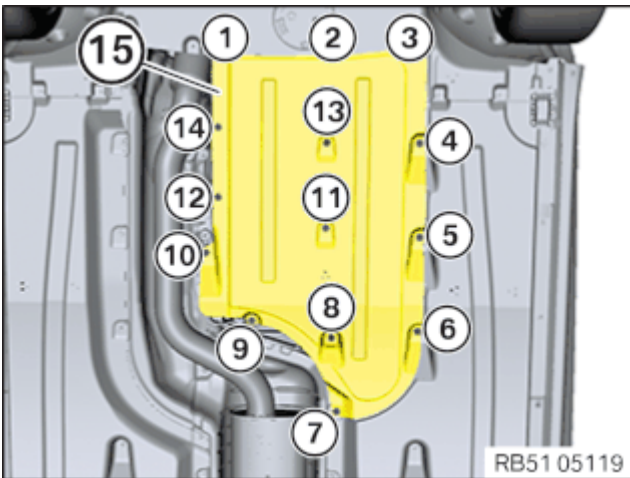
Transmission cross member to body

M8

Tightening torque
19Nm

- Remove the transmission jack.

Installing underbody protection at rear



- Guide in the rear underbody protection (15) diagonally to the front.
- Tighten the screws (1) to (14).

Tightening torques

Underbody protection

Hexagon screw

Tightening torque
3Nm