

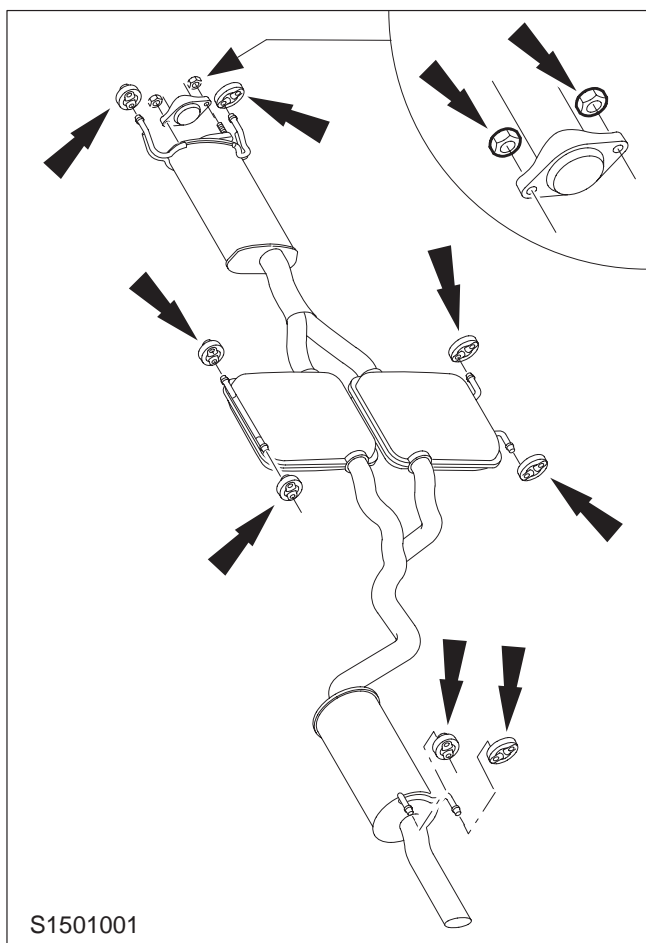
Differential assembly – Remove and Install (15 214 0)

Workshop Equipment

Transmission jack	
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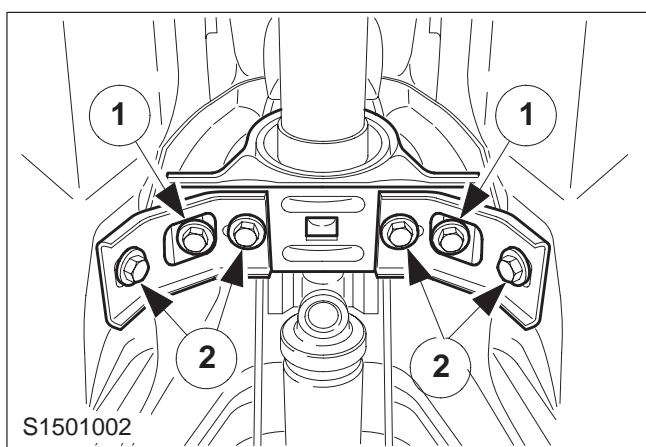
Materials

High-temperature grease	WSD-M1C237-A
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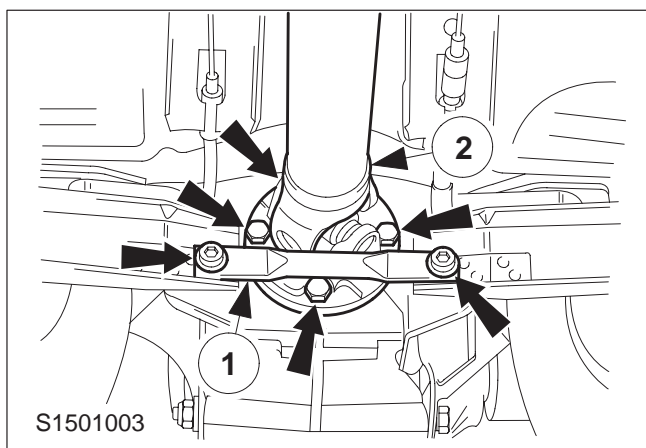


Remove

1. **Raise the vehicle and remove the rear part of the exhaust system.**
 - Disconnect the exhaust system at the centre flange (two bolts).
 - Unhook the rear part of the exhaust system from its mountings and put it down.
2. **Detach the rear heat shield from the floor assembly (four nuts).**

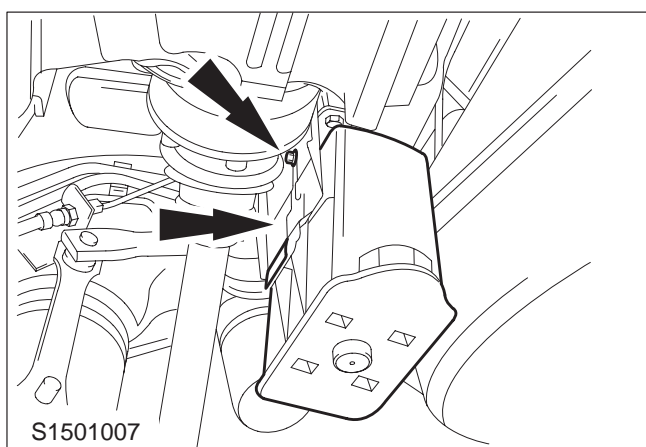


3. **Release the driveshaft centre bearing.**
 - Unscrew the two rear nuts of the floor assembly front heat shield and bend the heat shield downwards slightly.
- 1 Unscrew the two bolts securing the centre bearing to the floor assembly.
- 2 Slacken the remaining bolts of the centre bearing.



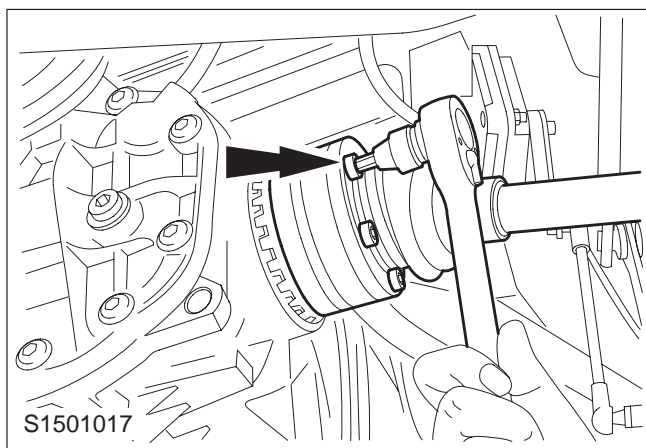
4. Detach the driveshaft from the rear axle.

- 1 Detach the transverse brace from the rear axle crossmembers.
- 2 Detach the driveshaft.
 - Slide the driveshaft forwards, detach it from the rear axle flange and suspend it to one side.



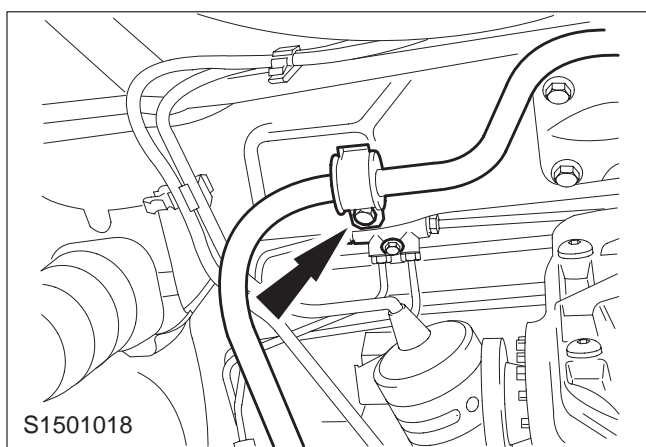
5. Detach the EVAP canister.

Loosen the bolt on the bracket, unhook the EVAP canister and tie it up to one side.

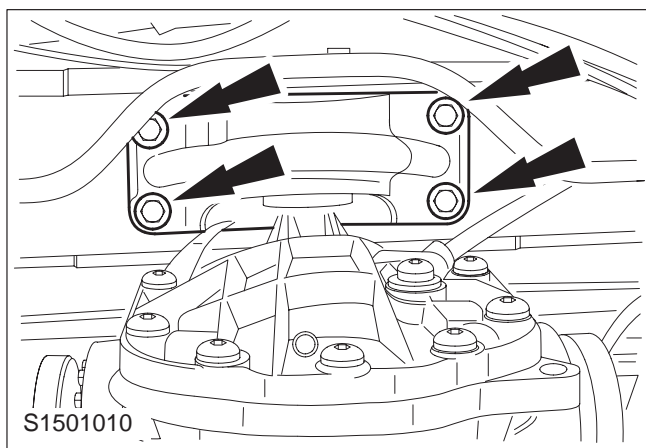


6. Unbolt the left and right-hand rear axle driveshafts from the differential (six bolts on each side).

- Tie up the rear axle driveshafts.
- Remove the seals.

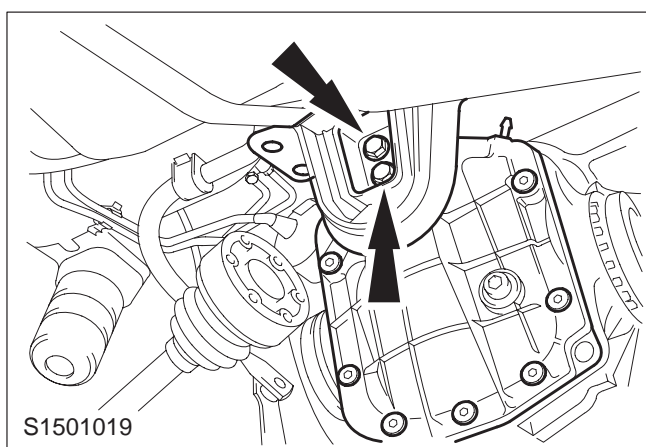


7. Detach the left-hand stabiliser bar mounting bracket from the floor assembly.



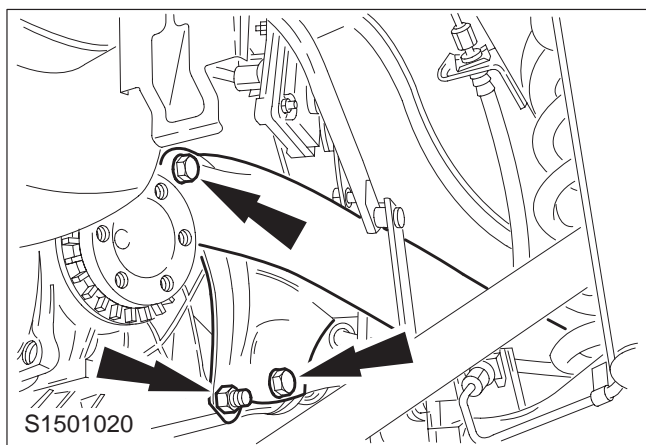
8. Detach the differential mounting from the floor assembly.

Support the differential assembly on a transmission jack.



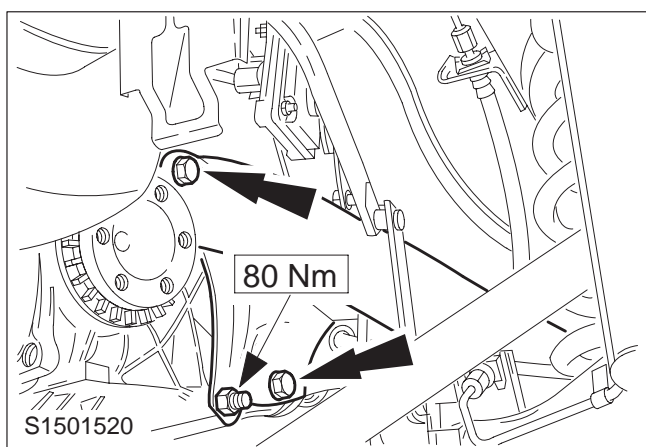
9. Detach the mounting from the differential cover.

Lower the differential assembly slightly.



10. Detach the differential assembly from the crossmember (four bolts).

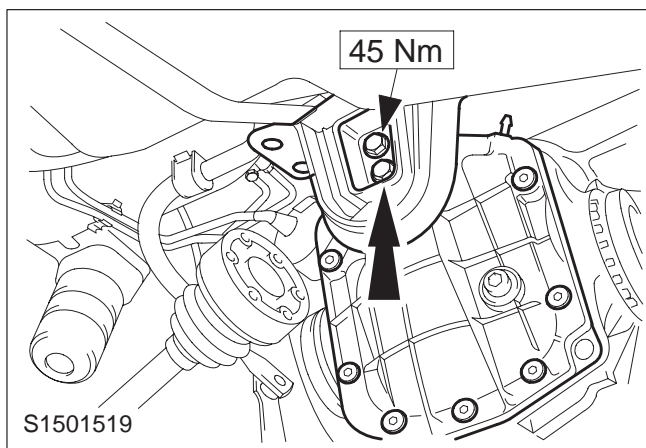
Lower the differential assembly.



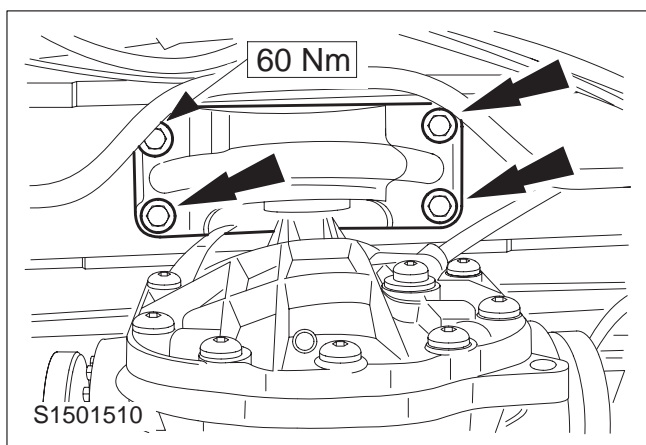
Install

NOTE: Tighten the bolt that goes right through the bottom of the crossmember first.

11. Move the differential into position with a transmission jack and tighten the four bolts.



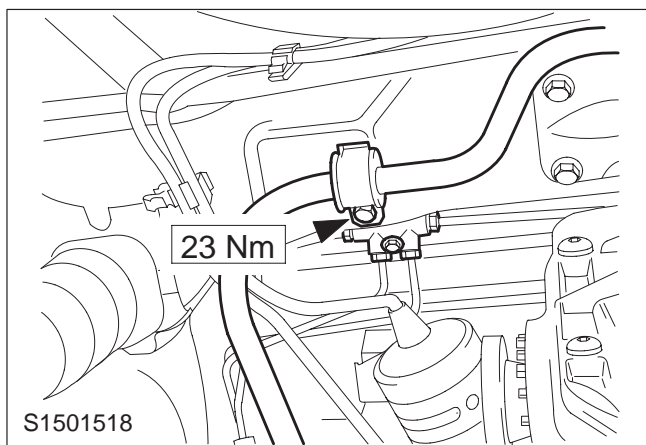
12. Attach the mounting to the transmission cover.



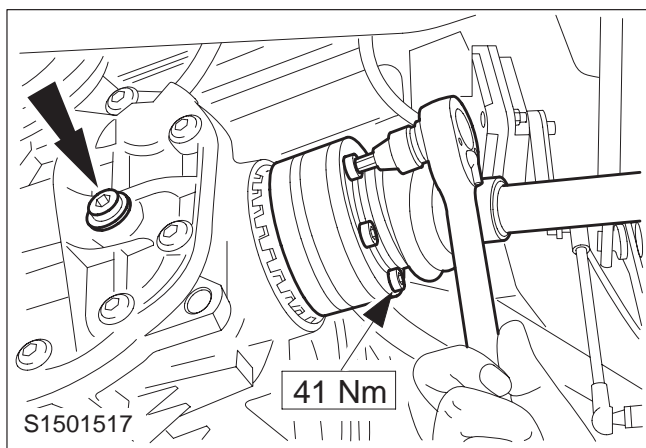
13. Raise the differential assembly.

14. Secure the differential mounting to the floor assembly.

Remove the transmission jack.



15. Attach the left-hand stabiliser bar mounting bracket.



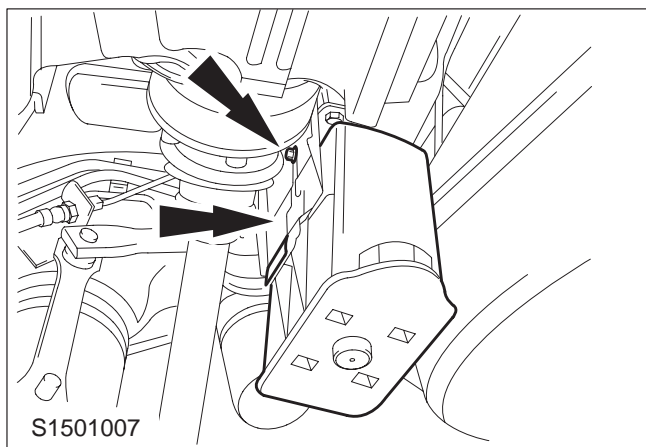
16. Bolt the left and right-hand rear axle driveshafts to the differential (six bolts on each side).

NOTE: Check that the joints are packed with the correct amount of grease and add grease as necessary (the required amount is 90 g per joint).

- Grease specification WSD-M1C237-A.
- Place a new seal in the opening in the constant-velocity joints.

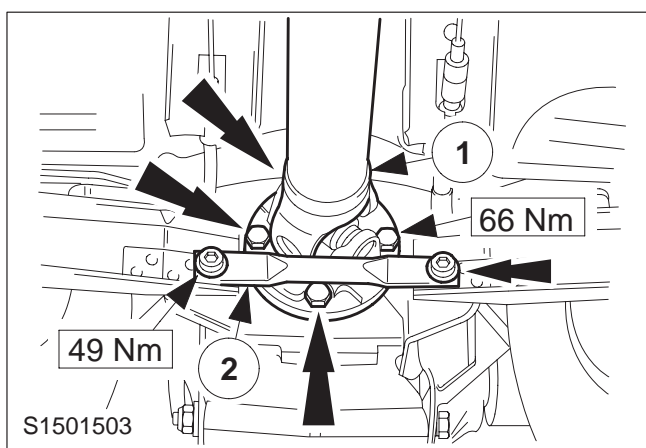
17. Check the oil level in the differential.

The differential should be filled up with oil to the bottom edge of the level check bore.



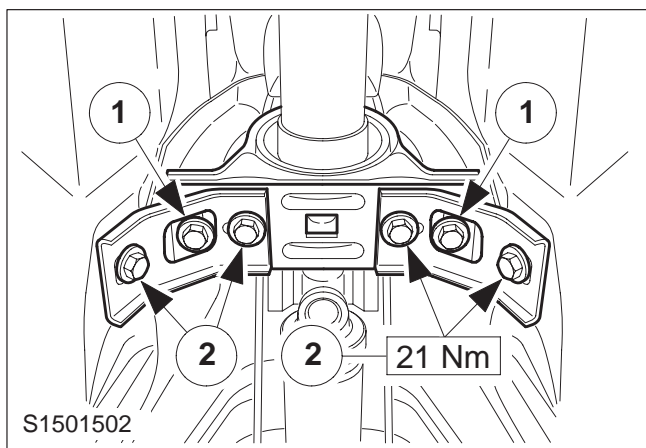
18. Fit the EVAP canister.

Hook the EVAP canister into the bracket and tighten the bolt.



19. Attach the driveshaft and the transverse brace to the rear axle.

- 1 Driveshaft to rear axle
- 2 Transverse brace



20. Fit the driveshaft centre bearing.

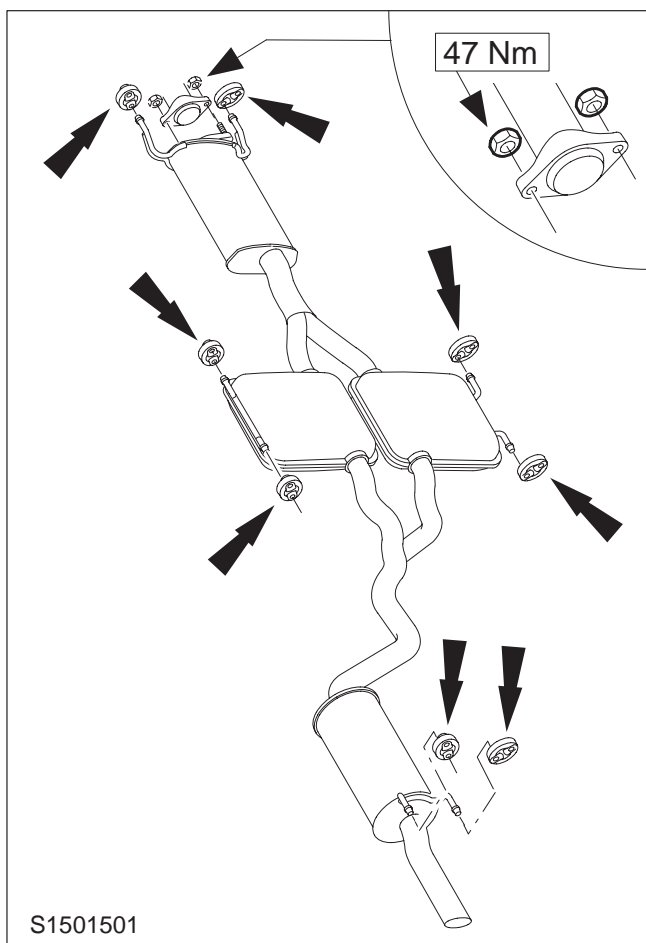
- Align the centre bearing.

1 Insert the two bolts and tighten them.

NOTE: In each case a spacer washer must be positioned between the floor assembly and the centre bearing.

2 Tighten the remaining bolts.

- Secure the front heat shield (two nuts).



21. Attach the rear heat shield to the floor assembly (four nuts).

22. Fit the rear part of the exhaust system.

- Connect the pipe flanges, align the system and tighten the bolts.
- Hook the exhaust system into the eight rubber mountings.
- Tighten the bolts at the centre flange.

23. Lower the vehicle.