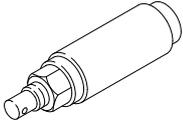


Lower Arm – Rear Axle – Remove and Install (one side) (15 705 0)

Special Tools

 <p>14037</p>	<p>14-037 Wheel hub installer</p>
 <p>21540</p>	<p>21-540 Angle gauge</p>

Workshop Equipment

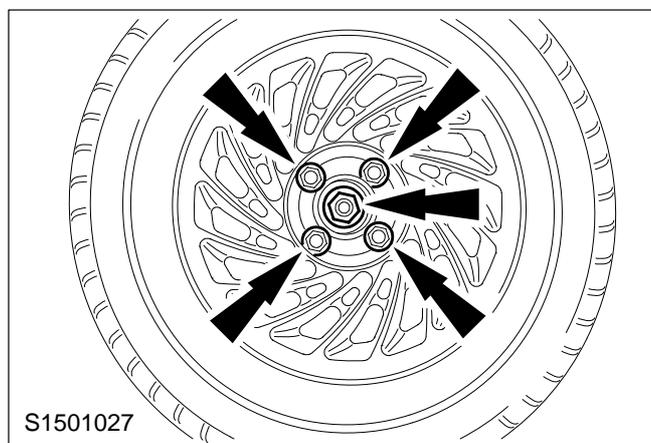
Transmission jack	
Trolley jack	

Proprietary Tools

Two-legged puller
Torque wrench HAZET 6292-1CT with 19 mm ring spanner attachment 6630d

Materials

Brake fluid (Super Dot 4)	ESD-M6C57-A
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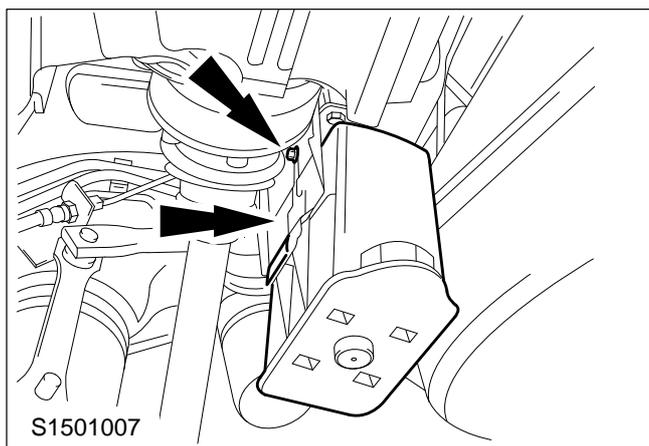
Remove

1. Preparatory measures:

NOTE: Use a suitable socket wrench.

- Slacken the nut on the driveshaft stub.
- Loosen the wheel nuts.
- Raise the vehicle.

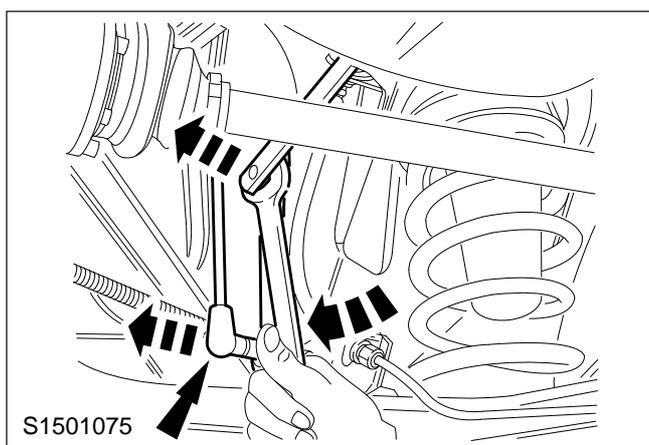
2. Remove the rear wheel.



Petrol-engined variants only

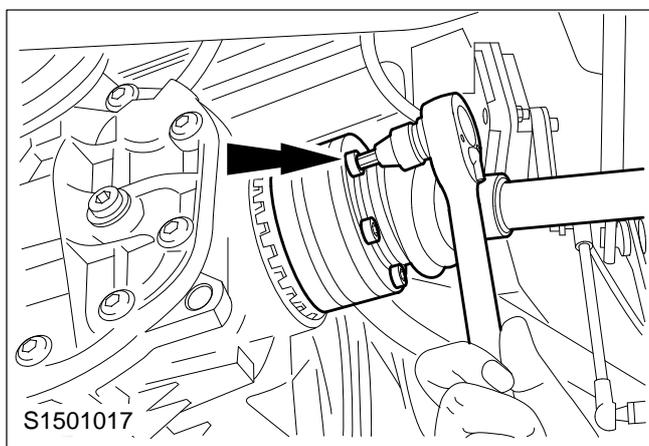
3. Detach the EVAP canister.

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



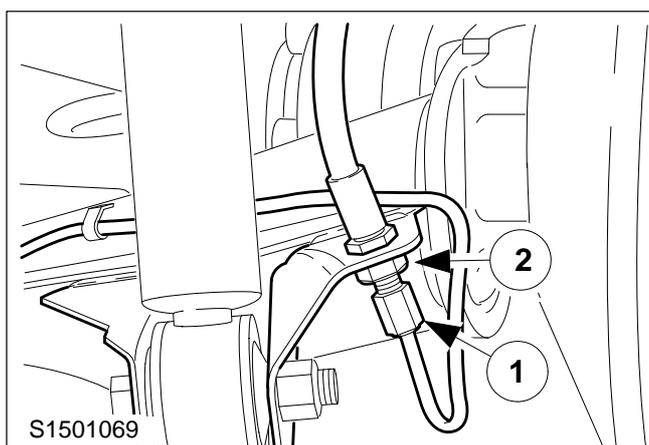
NOTE: Disconnect the ball coupling from the linkage when self-levelling suspension is fitted.

4. Detach the stabiliser bar from the linkage at the top.



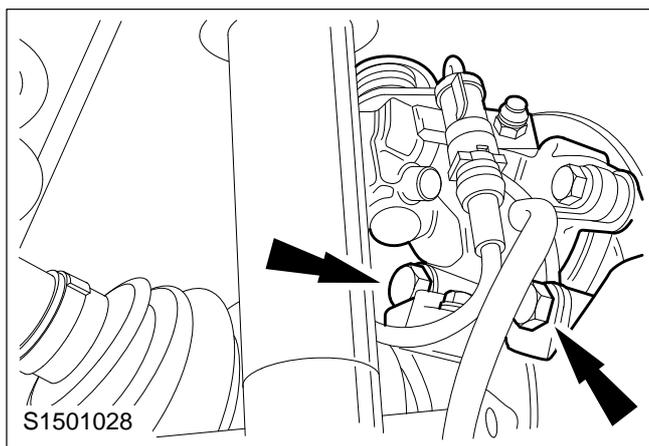
5. Detach the rear axle driveshaft from the rear differential (six bolts).

Remove the gasket.



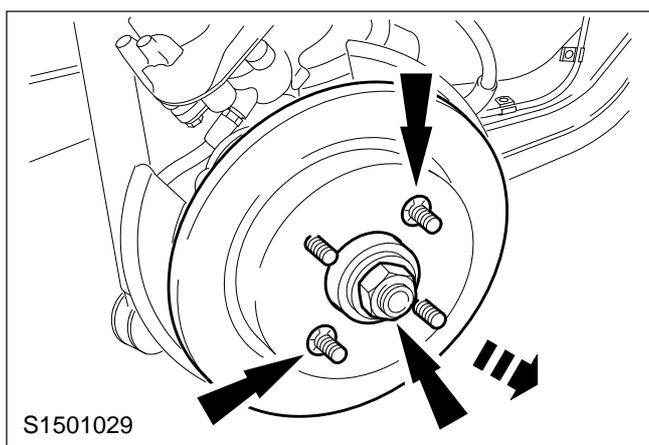
6. Detach the brake pipe and brake hose.

- 1 Unscrew the brake pipe.
 - 2 Detach the brake hose from the bracket.
- Unscrew the lock nut.



7. Remove the brake calliper.

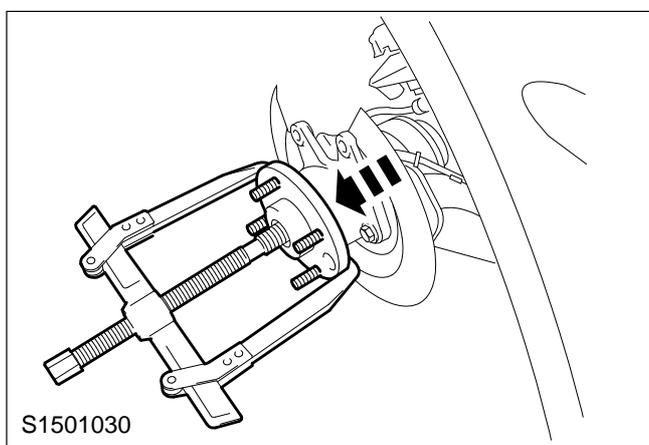
- Release the handbrake cable from the clip on the suspension arm.
- Tie up the brake caliper.



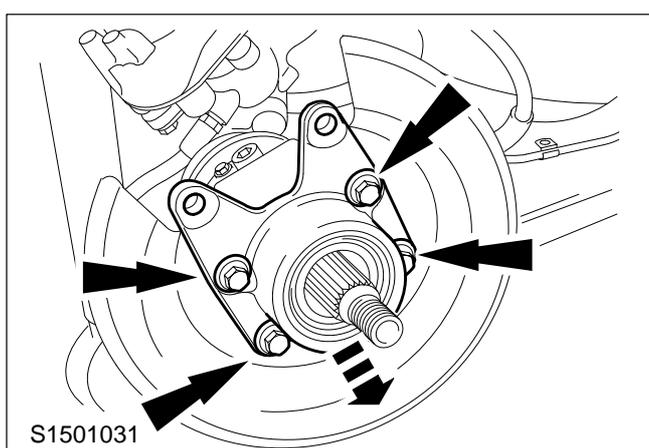
8. Detach the brake disc.

- Remove the lock washers.
- Pull off the brake disc.

9. Unscrew the nut on the driveshaft stub.



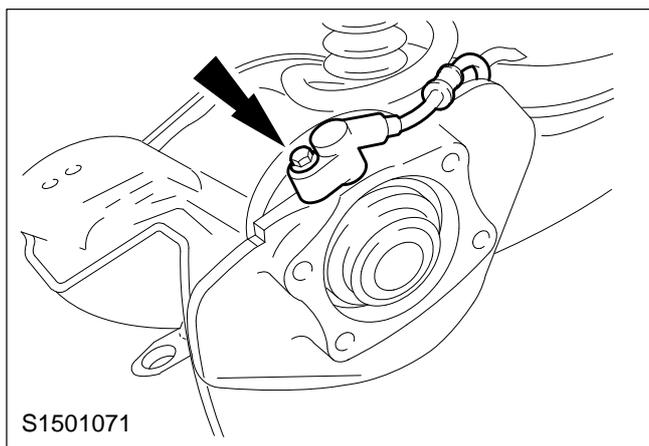
10. Pull off the wheel hub using a two-legged puller.



11. Detach the rear wheel bearing carrier.

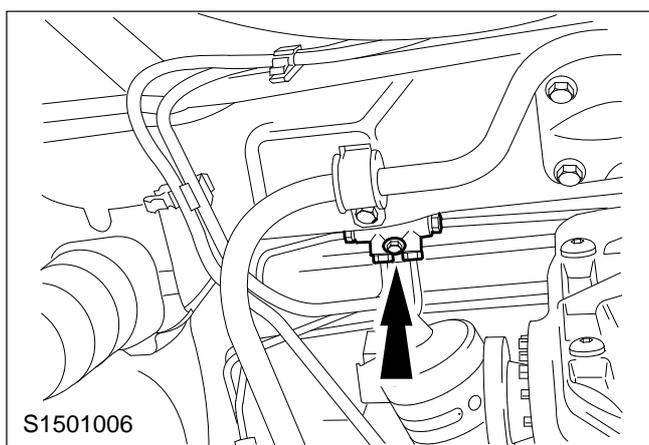
- Remove the splash shield.
- Take out the rear axle driveshaft.

12. Remove rear axle driveshaft

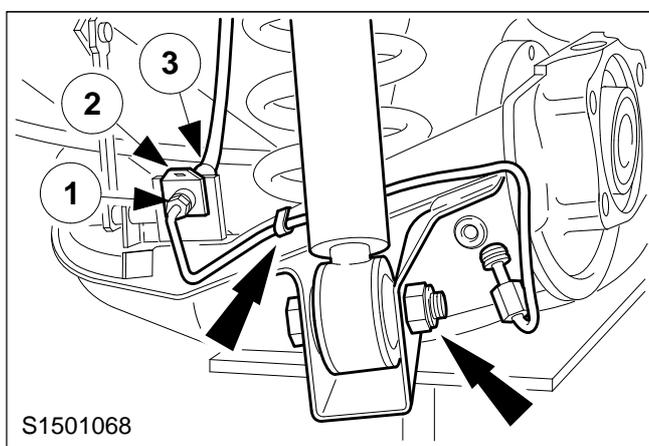


13. Detach the ABS sensor (one bolt).

Detach the pipe from the suspension arm (three clips).



14. Unscrew the brake pipe distribution piece from the floor pan (only for the left-hand suspension arm).

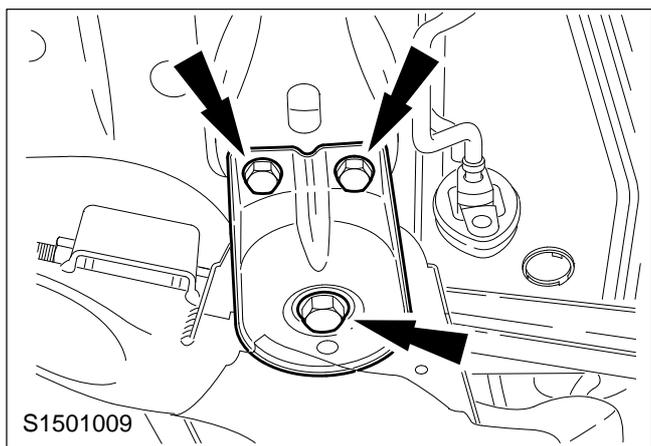


15. Detach the brake pipe from the suspension arm (saloon shown).

- 1 Unscrew the brake pipe.
- 2 Remove the U-bolt.
- 3 Pull the brake hose out of the bracket.
 - Release the brake pipe from the clip.

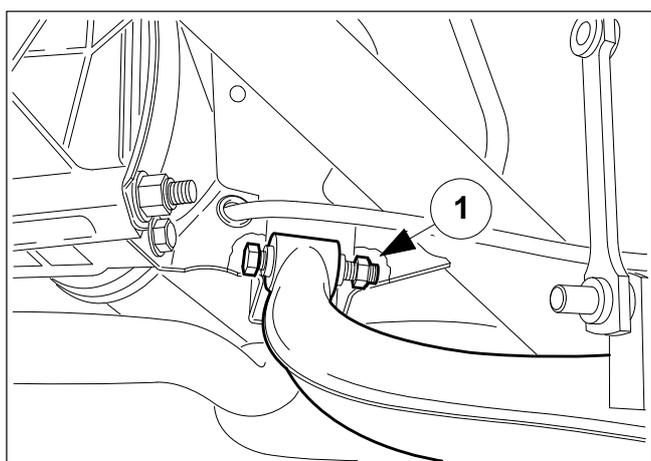
16. Support the suspension arm with a transmission jack.

17. Detach the shock absorber at the bottom (one bolt).



18. Remove the guide plate from the rear axle crossmember.

19. Lower the suspension arm with the crossmember.



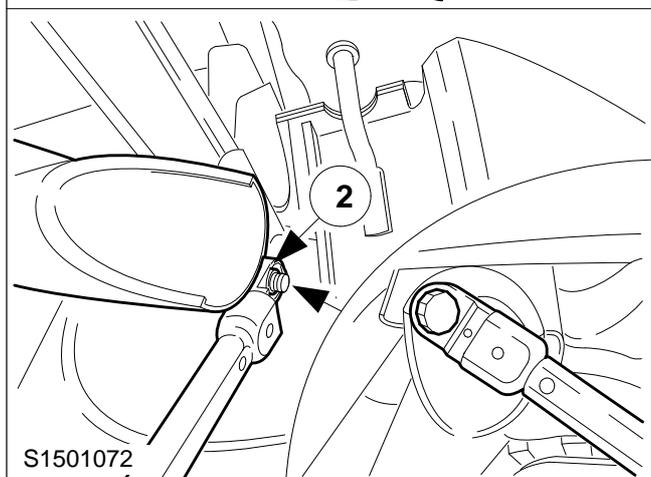
20. Lower the suspension arm.

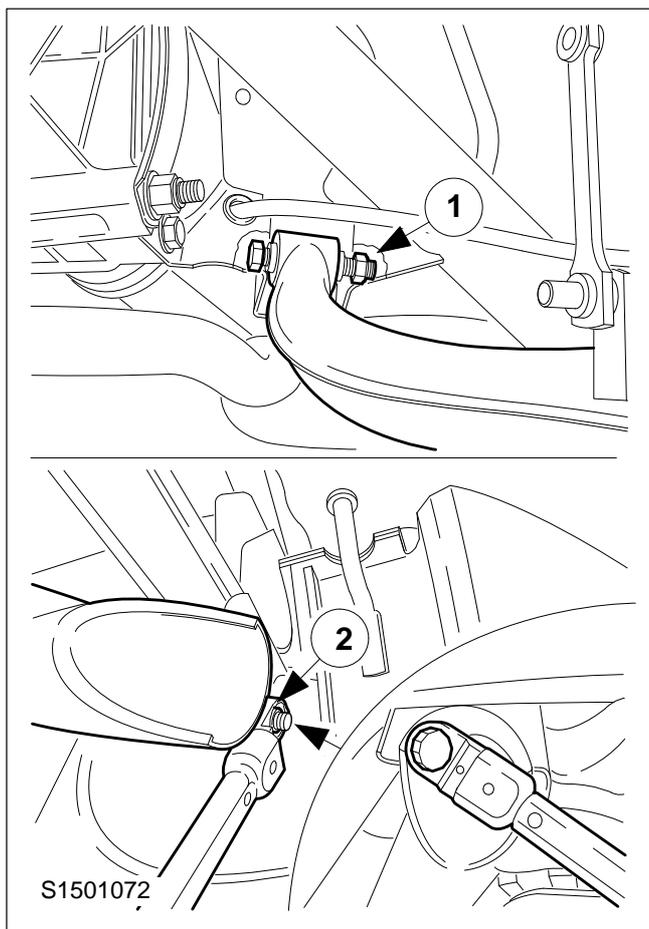
21. Unscrew the suspension arm from the rear axle crossmember.

1 Outer bolt.

2 Inner bolt.

22. Remove the suspension arm.



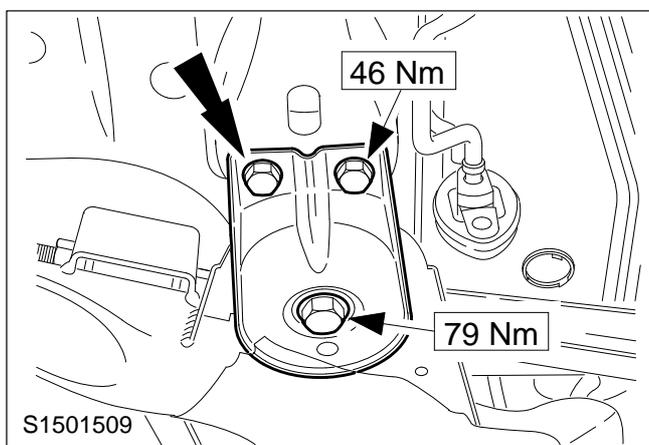


Install

23. Position the suspension arm and loosely bolt it to the rear axle crossmember.

1 Outer bolt.

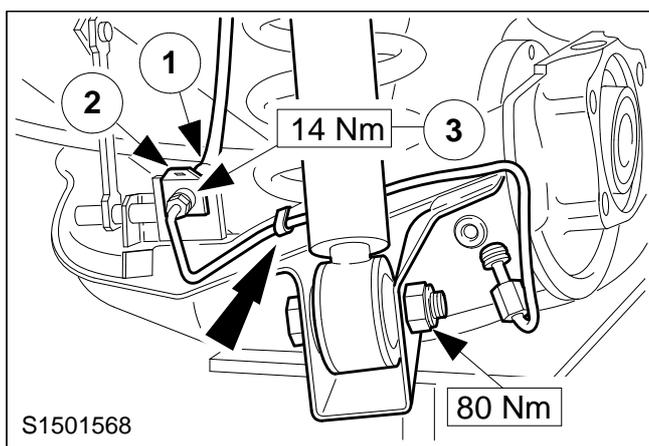
2 Inner bolt.



NOTE: Make sure that the rear spring is sitting correctly at the top and bottom and that the guide sleeve is correctly fitted to the floor assembly.

24. Raise the suspension arm with the transmission jack.

25. Fit the guide plate.



26. Attach the shock absorber at the bottom.

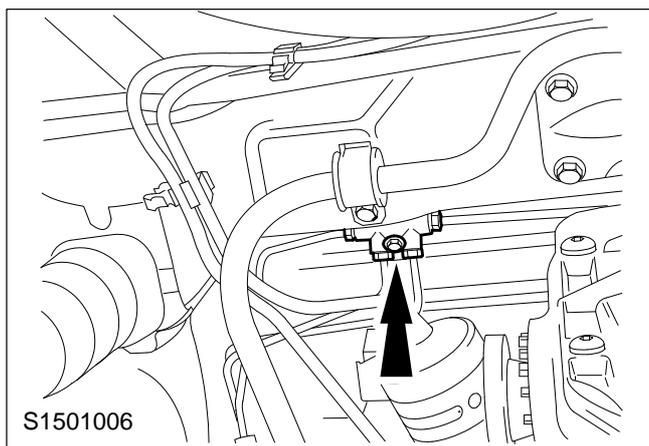
27. Secure the brake pipe to the suspension arm.

1 Fit the brake hose in the bracket.

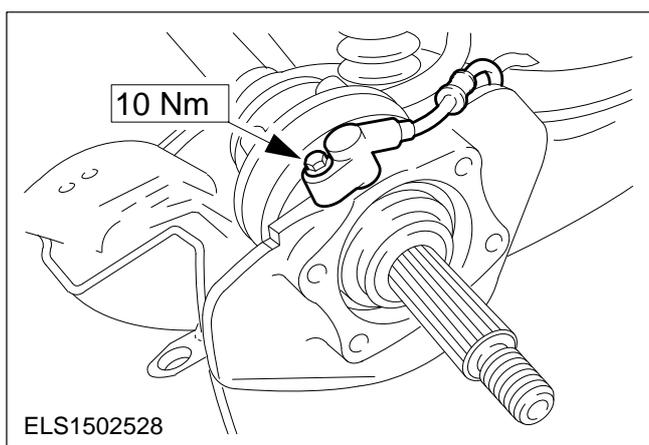
2 Fit the U-bolt.

3 Screw on the brake pipe.

- Secure the brake pipe with a clip.

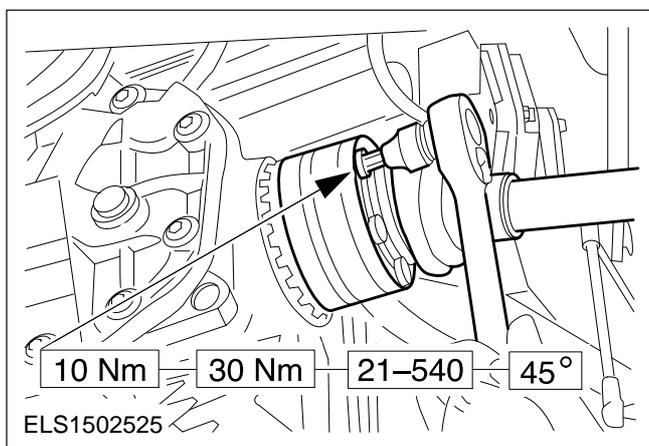


28. Screw the brake pipe distribution piece to the floor pan (only for the left-hand suspension arm).



29. Fit the ABS sensor (one bolt).

Secure the ABS sensor wiring (three clips).

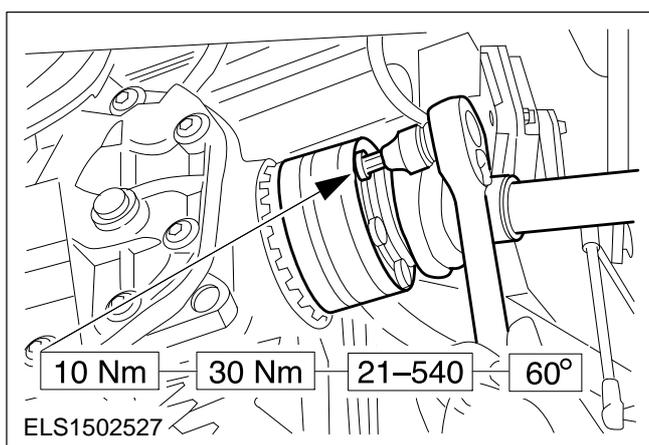


⚠ CAUTION: The torque varies according to the diameter of the bolt. The specified torque for the wheel and driveshaft side applies to M8 bolts.

NOTE: Fit new bolts. Place a new seal in the turned recess in the constant-velocity joints.

NOTE: Check the amount of grease in the joints and correct as necessary (WSD-M1C237-A), (90 g per joint).

30. Fit the rear axle driveshafts with the M8 bolts (vehicle shown built up to Dec '95).

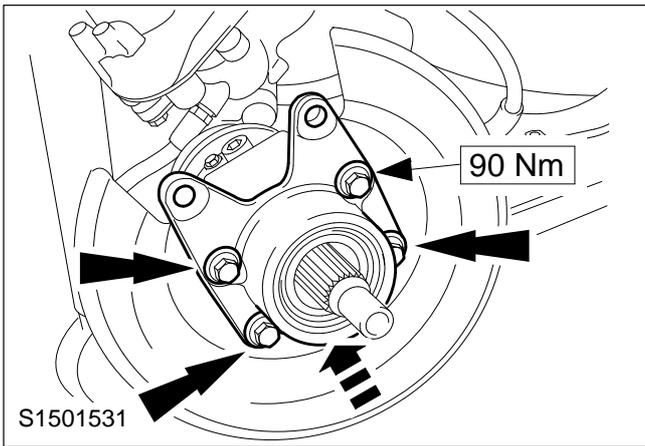


⚠ CAUTION: The torque varies according to the diameter of the bolt. The specified torque for the wheel and driveshaft side applies to M10 bolts.

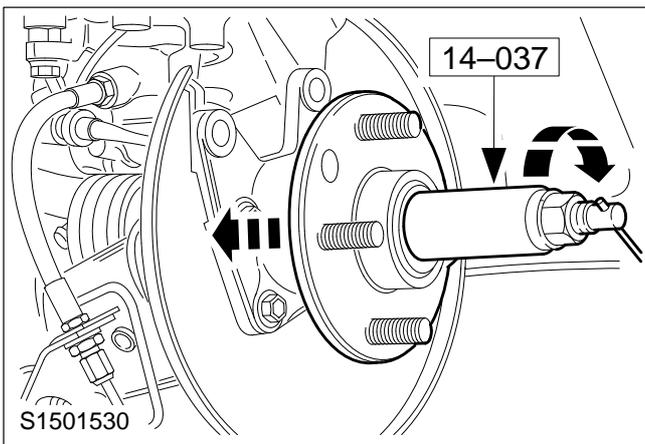
NOTE: Fit new bolts. Place a new seal in the turned recess in the constant-velocity joints.

NOTE: Check the amount of grease in the joints and correct as necessary (WSD-M1C237-A), (90 g per joint).

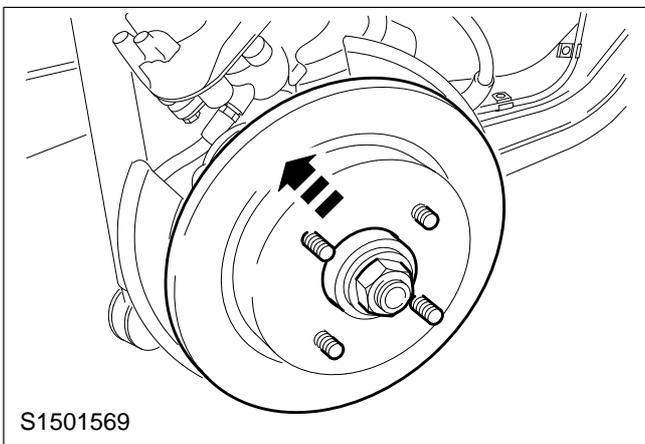
31. Fit the rear axle driveshafts with the M10 bolts (vehicle shown built up to Dec '95).



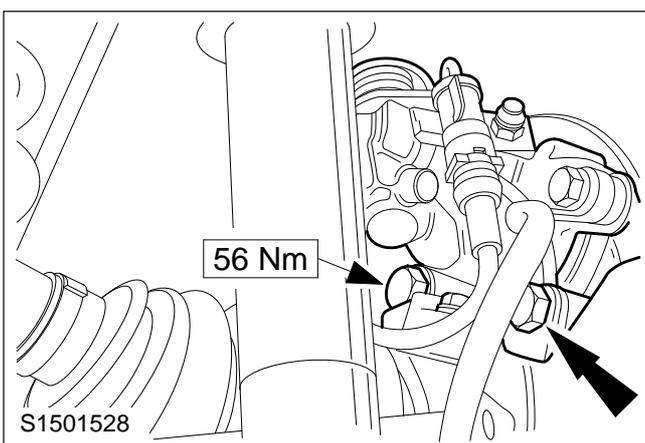
32. Fit the bearing carrier and the splash shield.



33. Pull on the wheel hub and screw on the driveshaft stub nut.

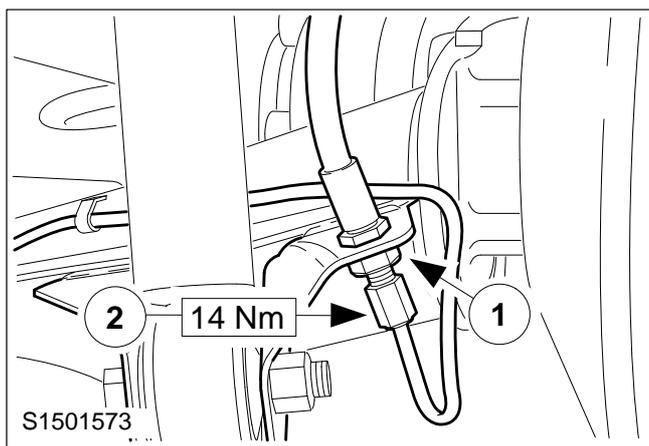


34. Attach the brake disc.



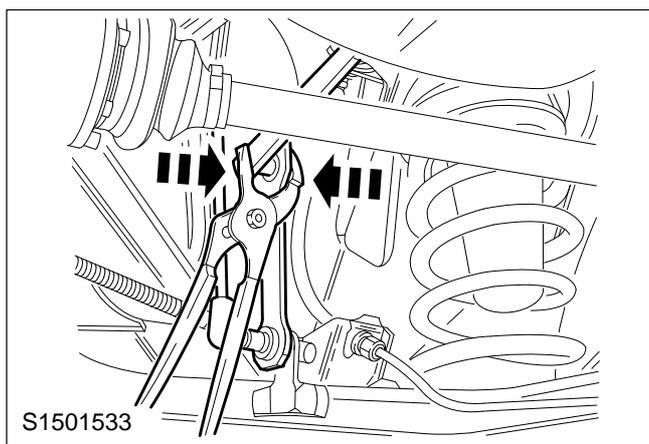
35. Fit the brake caliper.

Secure the handbrake cable to the suspension arm with clips.



36. Connect the brake pipe and brake hose.

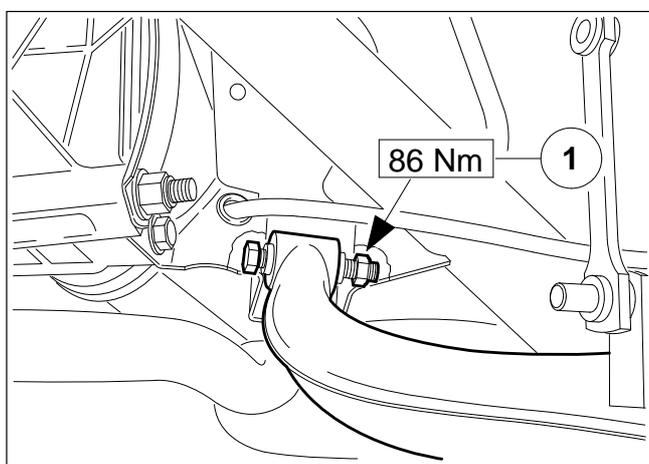
- 1 Fit the brake hose in the bracket.
 - Tighten the lock nut.
- 2 Secure the brake pipe to the brake hose.



NOTE: Connect the ball coupling to the linkage when self-levelling suspension is fitted.

37. Raise the vehicle.

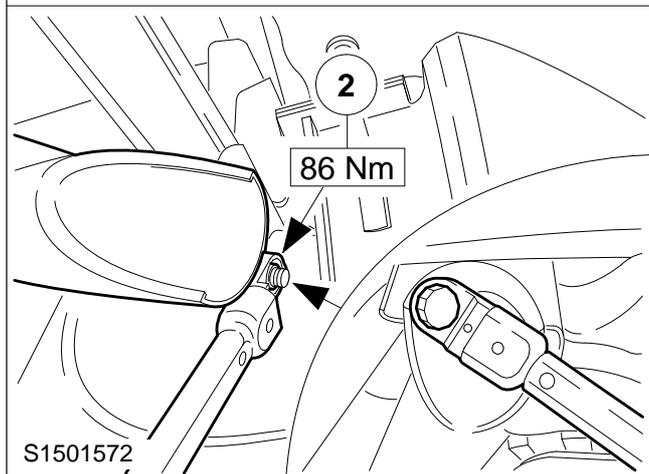
38. Hook the stabiliser bar linkage in place at the top.

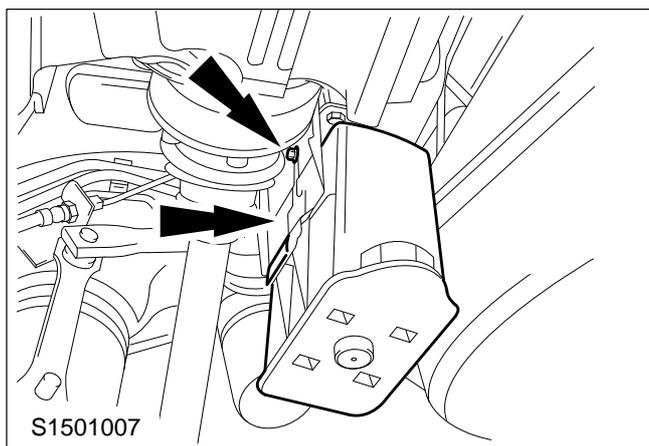


39. Raise the suspension arm with a transmission jack.

40. Tighten the suspension arm bolts.

- 1 Outer bolt.
- 2 Tighten the inner bolt using a torque wrench with a 19 mm ring spanner attachment.

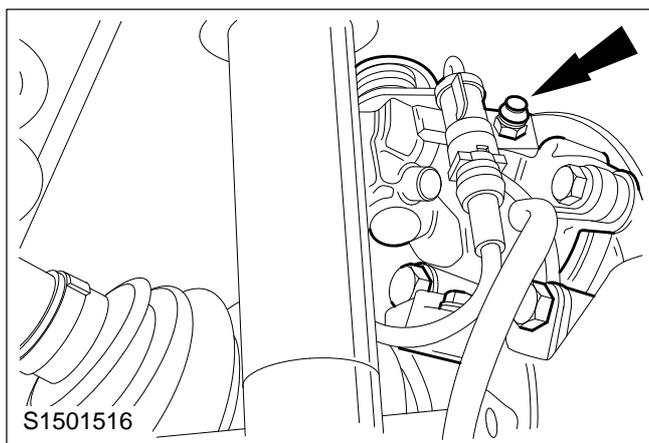




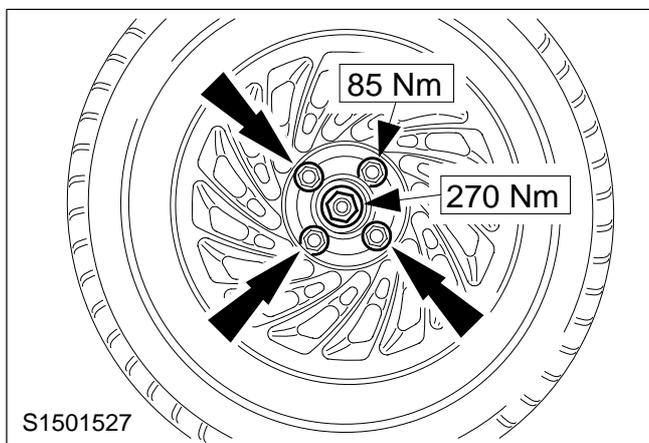
Petrol-engined variants only

41. Fit the EVAP canister.

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



42. Bleed the brake system as described in Operation number 2 141 0.



NOTE: Use a suitable socket wrench.

43. Attach the rear wheel.

- Screw on the wheel nuts.
- Lower the vehicle.
- Tighten the wheel nuts.
- Tighten the nut on the driveshaft stub.
- Fit the wheel trim cap.