

645: Power steering equipment

XC90, 2003, B6294T, 4T65 AWD, L.H.D


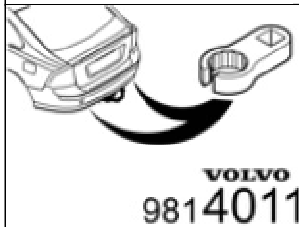
26/4/2020



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645: Power steering equipment

Internal pipe
steering gear

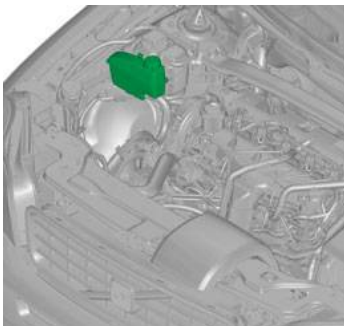
Special tools	
	T9512050 PROTRACTOR Tool number: T9512050 Tool description: PROTRACTOR Tool boards:
	T9814011 Open-end claw wrench Tool number: T9814011 Tool description: Open-end claw wrench Tool boards:

Removal

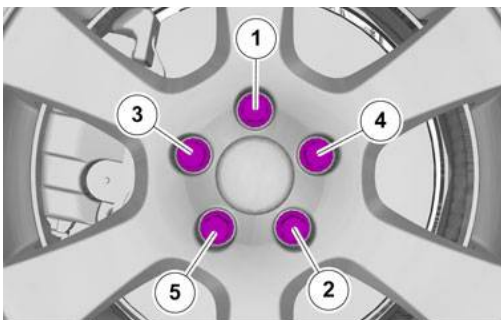
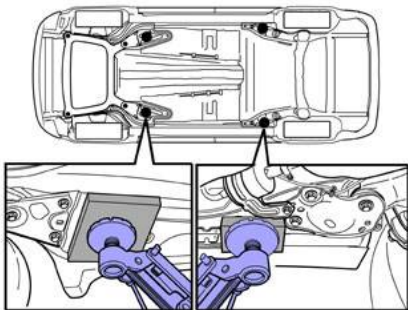
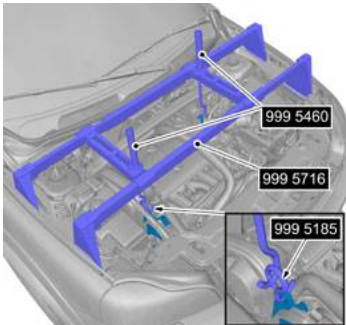
Note! Removal steps in this procedure may contain installation details.

All vehicles

- Draw up the fluid from the power steering fluid reservoir.



Vehicles with diesel engines



All vehicles

- Apply both lifting hooks so that the engine pads are relieved slightly.

- The following jacking points must be used when lifting the vehicle. The jacking plate must have a rubber pad to prevent damage to the vehicle.
- Front lift:
A wooden load relief plate (200*200*20 mm) must be used behind the sub-frame bracket.
- Rear lift:
A wooden spacer (170*80*50 mm) must be used in front of the sub-frame bracket.

- Remove the right front wheel.

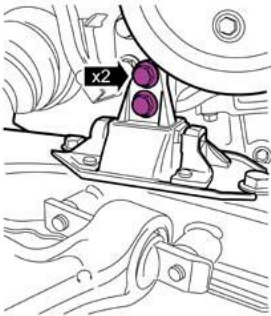
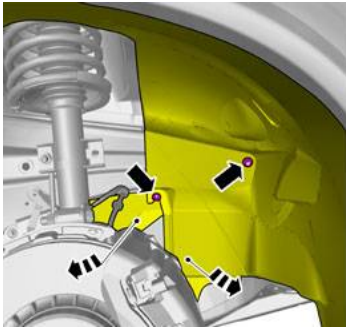
Warning! Make sure that the mating faces are clean and free of corrosion and foreign material.

- Grease the hub center location dowel for the rim.

Use: Installation paste, T1161397

Tightening torque: Wheel to wheel hub

- Step 1: 20 Nm
- Step 2: 140 Nm



Tightening torque

- 1. 35 Nm
- 2. 90°

Use:

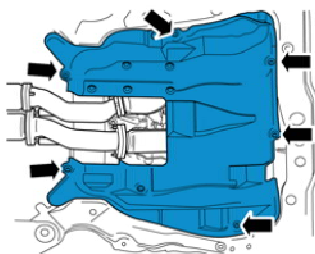
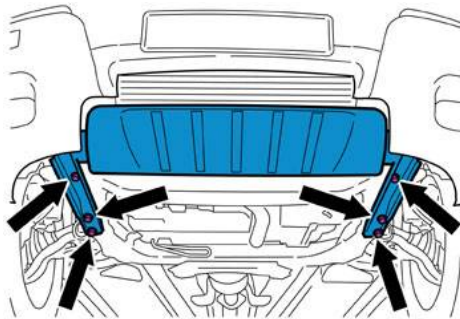
951 2050

All vehicles

Tightening torque: 50 Nm

Note! There is a guide sleeve on the upper mounting for the plate. This must be lifted 10 mm so that the panel can be slid forward.

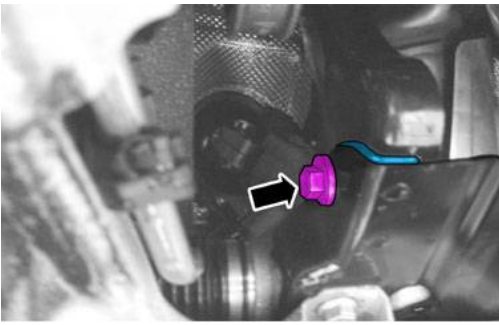
- Raise and move the protective plate forward.
Remove the protective plate.



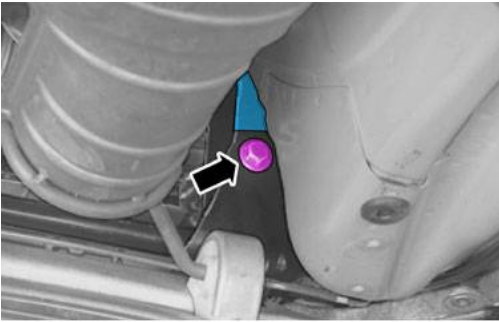
Note! The splash guard is installed after: Check for leaks.

Right-hand drive vehicles

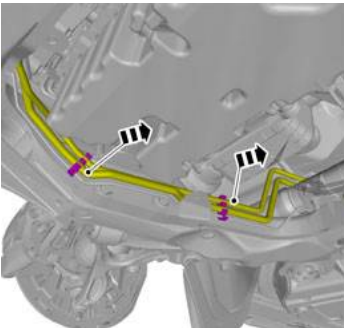
Tightening torque: 80 Nm.



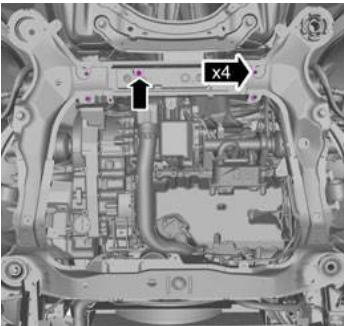
Tightening torque: 80 Nm.



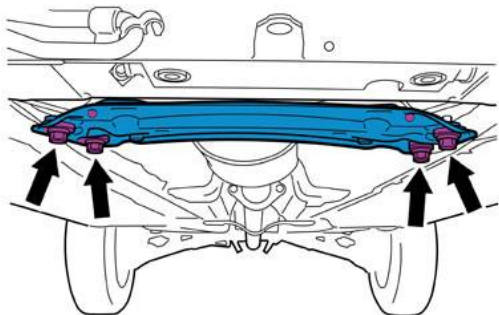
All vehicles

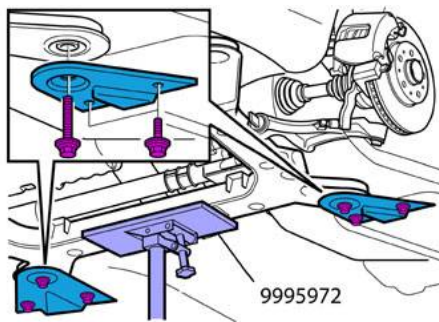
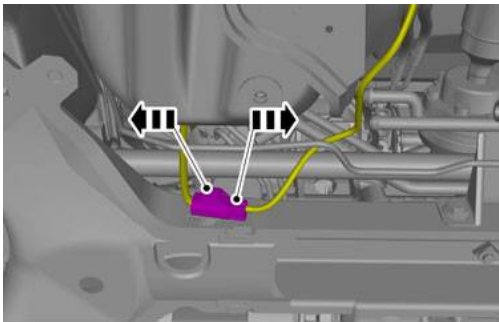
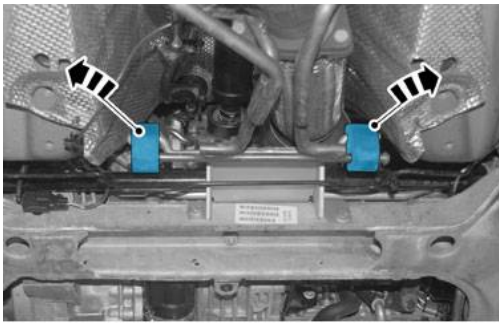


Tightening torque: 50 Nm.



Tightening torque: 24 Nm.





- Lower the sub frame at the rear edge carefully, check that the steering gear pins release from the sub frame and that the bracket to the exhaust pipe is free for the brake pipe.

Tighten to:

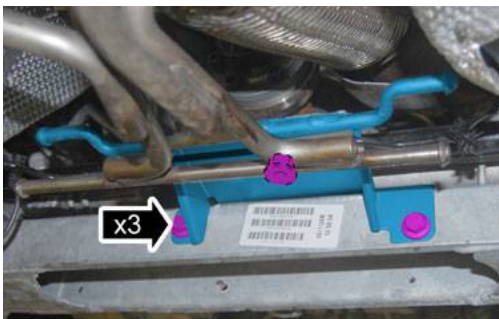
- Step 1 105 Nm
- Step 2 120°

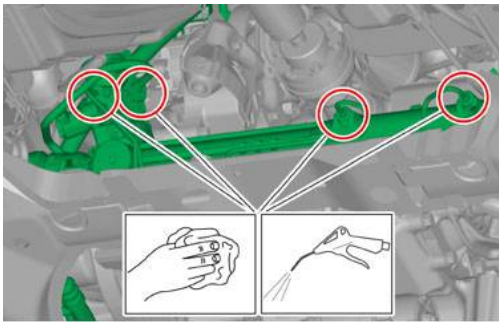
Use:

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Tightening torque M10, 50 Nm.

Tightening torque: 50 Nm.



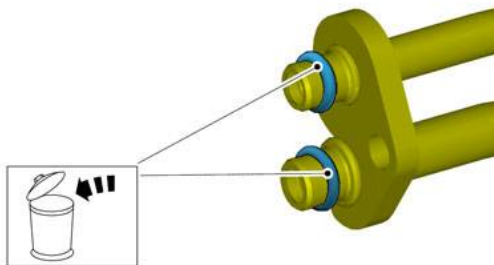
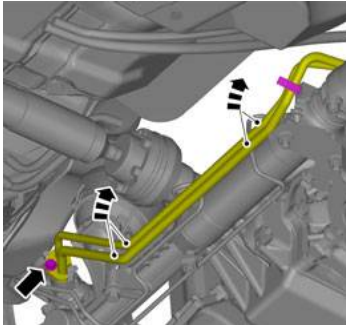


Left hand drive vehicles

Tightening torque: 24 Nm.

Warning! Be prepared to catch liquid.

Caution! Seal the openings from dirt.



Warning! Be prepared to catch liquid.

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All vehicles

Tighten to:

- Step 1. 12 Nm
- Step 2: 7 Nm

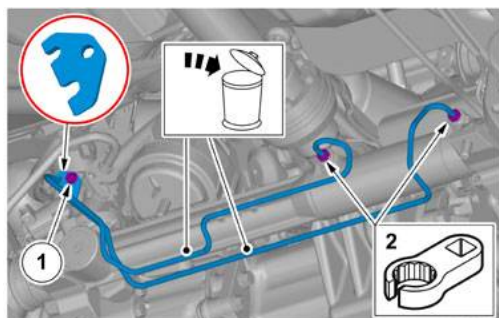
Use:

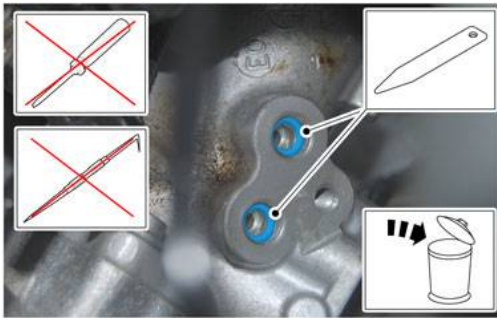
981 4011

Warning! Be prepared to catch liquid.

Caution! Seal the openings from dirt.

Note! The washer's flat side must be turned to the pipe flanges.





- Only if the O-rings have not followed the pipes out at removal.

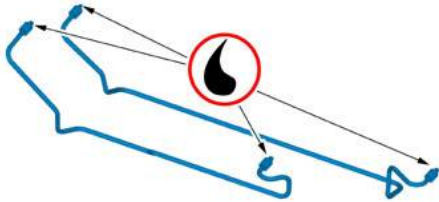
Caution! Seal the openings from dirt.

Installation

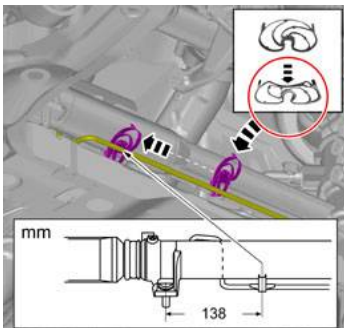
To install, reverse the removal procedure.

All vehicles

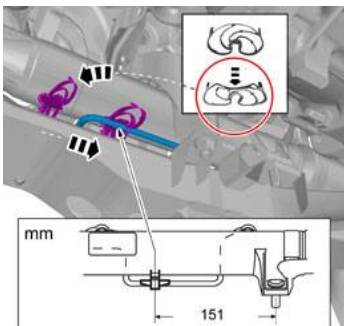
Use: Power steering fluid,
30741424



Left hand drive vehicles



Right-hand drive vehicles



Finishing work

All vehicles

- Fill the reservoir with power steering fluid, turn the steering wheel to the limit positions several times, with the front wheels hanging freely and the engine switched off.
- Check the oil level and top up if required.
- Lower the vehicle, start the engine and turn the steering wheel back and forth. Check the oil level and top up as necessary.

Use: Power steering fluid, 30741424

Check for leaks.

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