

46: Changing the bevel gear oil

XC90, 2007, D5244T4, TF-80SC

AWD, L.H.D, YV1CM714671338226, 338226

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46: Changing the bevel gear oil**XC90-4-46-0013****Changing the bevel gear oil****Background**

All engine variants of the XC90 AWD now use the same oil in the bevel gear to prevent any oil traces around the pinion seal. This Service Bulletin describes replacing the oil in the bevel gear.

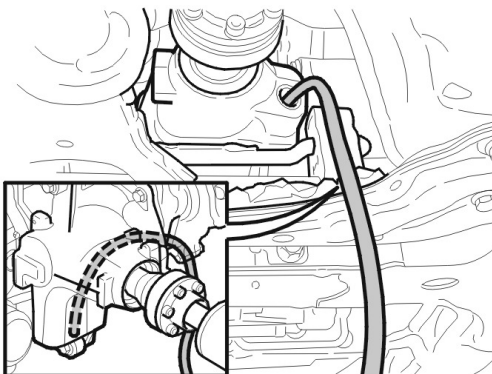
Description	Material	
	Quantity	Part Number
Transmission oil	1	1161648
Gasket	1	11998

Description	Special tool	
	Part Number	
Oil suction device	951 2859	

Oil bevel gear, changing**Removal****Draining oil**

Remove:

- the splash guard under the engine
- the oil level/filler plug.



Use oil suction device 951 2859.

Note the level of the oil in the container.

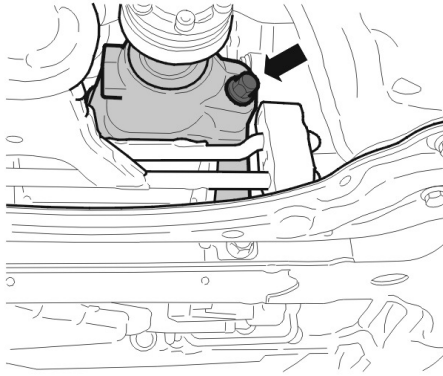
Form a suction pipe of suitable diameter so that it can reach down to the bottom of the bevel gear housing.

If the suction pipe is correctly positioned and the bevel gear correctly filled the drained oil volume should be 0.45 liters.

Remove the suction pipe from the bevel gear.

Installation

Filling with oil



Position a paper towel under the bevel gear filler hole.
Top up with oil P/N 1161648. Use an oil gun. Strict cleanliness is important.
The oil capacity of a totally drained bevel gear is 0.5 liters.

Install:

- the oil level/filler plug with a new gasket. Tighten to 35 Nm. Wipe up any spilled oil
- the splash guard under the engine.

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