



DIFFERENTIAL OIL

ON-VEHICLE INSPECTION

1. CHECK DIFFERENTIAL OIL

- Stop the vehicle on a level surface.
- Remove the differential filler plug and gasket.
- Check that the oil level is between 0 to 5 mm (0 to 0.20 in.) from the bottom lip of the differential filler plug hole.

NOTICE:

- After changing the oil seal, drive the vehicle and then check the oil level again.
- Too much or too little oil will lead to differential problems.

HINT:

If necessary, fill the differential carrier assembly with hypoid gear oil.

Recommended viscosity

Item	Temperature	Viscosity
Front w/ A.D.D.		SAE 75W-90
Front differential for w/o A.D.D. Rear differential	Above -18°C (-0.4°F)	SAE 90
	Below -18°C (-0.4°F)	SAE 85W-90

Oil grade

Item	Grade
Front differential (4WD)	Hypoid gear oil API GL-4 or GL-5
Front differential (2WD) Rear differential (all type)	Hypoid gear oil API GL-5

Front differential oil capacity

Item	Capacity
w/o A.D.D.	1.35 to 1.45 liters (1.42 to 1.53 US qts., 1.18 to 1.27 Imp. qts.)
w/ A.D.D.	1.45 to 1.55 liters (1.53 to 1.63 US qts., 1.27 to 1.36 Imp. qts.)

Rear differential oil capacity

Item	Capacity
w/ Differential lock	2.85 to 2.95 liters (3.01 to 3.12 US qts, 2.51 to 2.60 Imp. qts.)
w/o Differential lock.	2.95 to 3.05 liters (3.12 to 3.22 US qts, 2.60 to 2.68 Imp. qts.)

- Check for oil leakage when the oil level is low.
- Install the differential filler plug with a new gasket.

Torque: Front differential

39 N*m (400 kgf*cm, 29 ft.*lbf)

Rear differential

49 N*m (500 kgf*cm, 36 ft.*lbf)