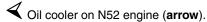
Engine oil cooler, removing and installing (N52 engines)



OIL COOLER

Engine oil cooler, removing and installing (N52 engines)

2006 and later 6 cylinder models (N52 engines) may be equipped with an engine oil cooler mounted to the front of the oil filter housing.





- Loosen oil filter cover to allow oil in filter housing to flow into pan.
- Remove engine upper cover. See **020 Maintenance**.
- Unclip cover (A) from cooler.
- Remove coolant line from hose fitting on cooler (B). Use a shop rag to catch coolant.
- Remove bolts (C) and remove oil cooler. Use a shop rag to catch oil.
- Installation is reverse of removal, noting the following.
 - Clean mating surfaces and replace seal.
 - Tighten fasteners to specified torque avoid damaging seal.

Tightening torques	
M8	22 Nm (16 ft-lb)

- Refill coolant, see 170 Radiator and Cooling System.
- Check and top off oil, see 020 Maintenance.

