




Oil Cooler (12.60.68)


Removal

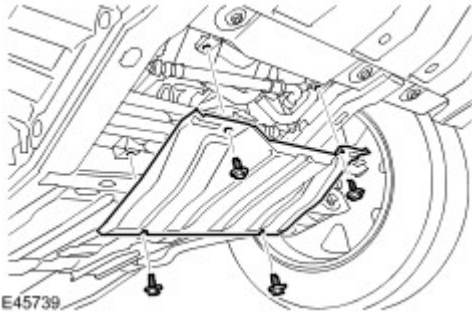
1. Disconnect the battery ground cable. For additional information, refer to [Specifications](#) (Section 414-00)

2.  **WARNING:** Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.

Raise and support the vehicle.

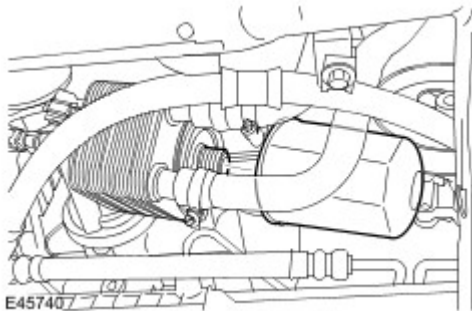
3. Remove the radiator access panel.


 Remove the 4 bolts.

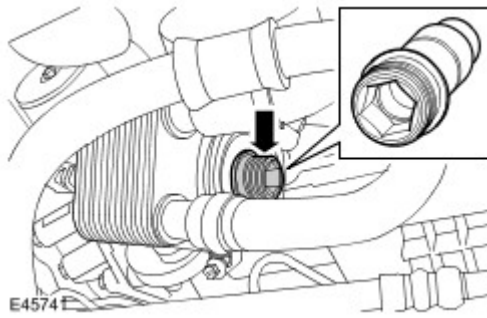


4. Remove the oil filter.

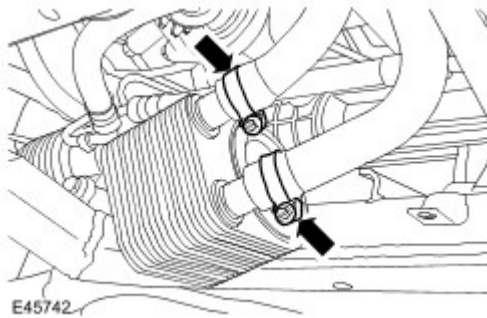
 Position a container to collect the fluid.



5. **NOTE :**
Note the fitted position of the oil cooler assembly.
Remove the oil filter adapter.
 Release the cooler from the oil filter head.



- 6 . Clamp, then disconnect the coolant hoses from the oil cooler.



- 7 . Remove the oil cooler.

Installation

- 1 . **NOTE :**
Fill the cooler with coolant to eliminate the air, prior to connecting the coolant hoses.
To install, reverse the removal procedure.
- Tighten the adapter to 60 Nm (44 lb.ft)
 - Lubricate the oil filter seal with clean engine oil and tighten to 18 Nm (13 lb.ft).
 - Tighten the bolts to 10 Nm (7 lb.ft).
- 2 . Check and top up the engine oil.
- 3 . Top up and bleed the coolant.