




Oil Pan (12.60.44)

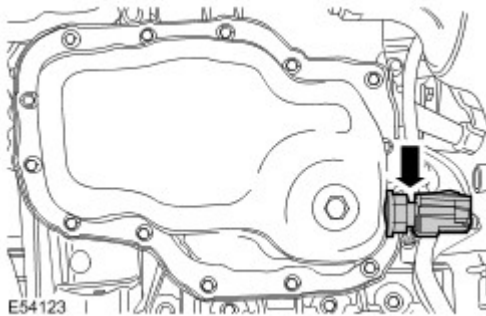
Removal

1. Disconnect the battery ground cable. For additional information, refer to [Specifications](#) (Section 414-00)
2. Remove the engine cover. For additional information, refer to [Engine Cover - 2.7L Diesel \(12.30.50\)](#) (Section 501-05)

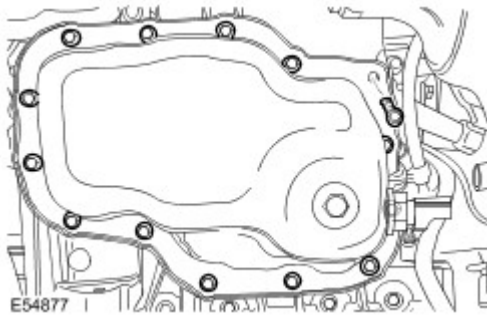
3.  **WARNING: Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.**

Raise and support the vehicle.

4. Drain the engine oil. For additional information, refer to [Engine Oil Draining and Filling \(12.60.05\)](#) (Section 303-01)
5. Remove the oil temperature sensor.
 - Disconnect the engine oil temperature sensor electrical connector.
 - Remove and discard the O-ring seal.



6. Disconnect the engine wiring harness.
 - Release the engine wiring harness from the retaining bracket.
7. Remove the oil pan.
 - Remove the 14 oil pan bolts.
 - Remove and discard the gasket.



Installation

- 1 . Install the oil pan.
 - Clean the component mating faces.
 - Install a new gasket.
 - Evenly and progressively tighten the bolts to 10 Nm (7 lb.ft).
- 2 . Connect the engine wiring harness.
 - Attach the engine wiring harness to the retaining bracket.
- 3 . Install the oil temperature sensor.
 - Install a new O-ring seal.
 - Tighten the sensor to 10 Nm (7 lb.ft).
 - Connect the electrical connector.
- 4 . Fill the engine with oil. For additional information, refer to [Engine Oil Draining and Filling \(12.60.05\)](#) (Section 303-01)
- 5 . Install the engine cover. For additional information, refer to [Engine Cover - 2.7L Diesel \(12.30.50\)](#) (Section 501-05)
- 6 . Connect the battery ground cable. For additional information, refer to [Specifications](#) (Section 414-00)