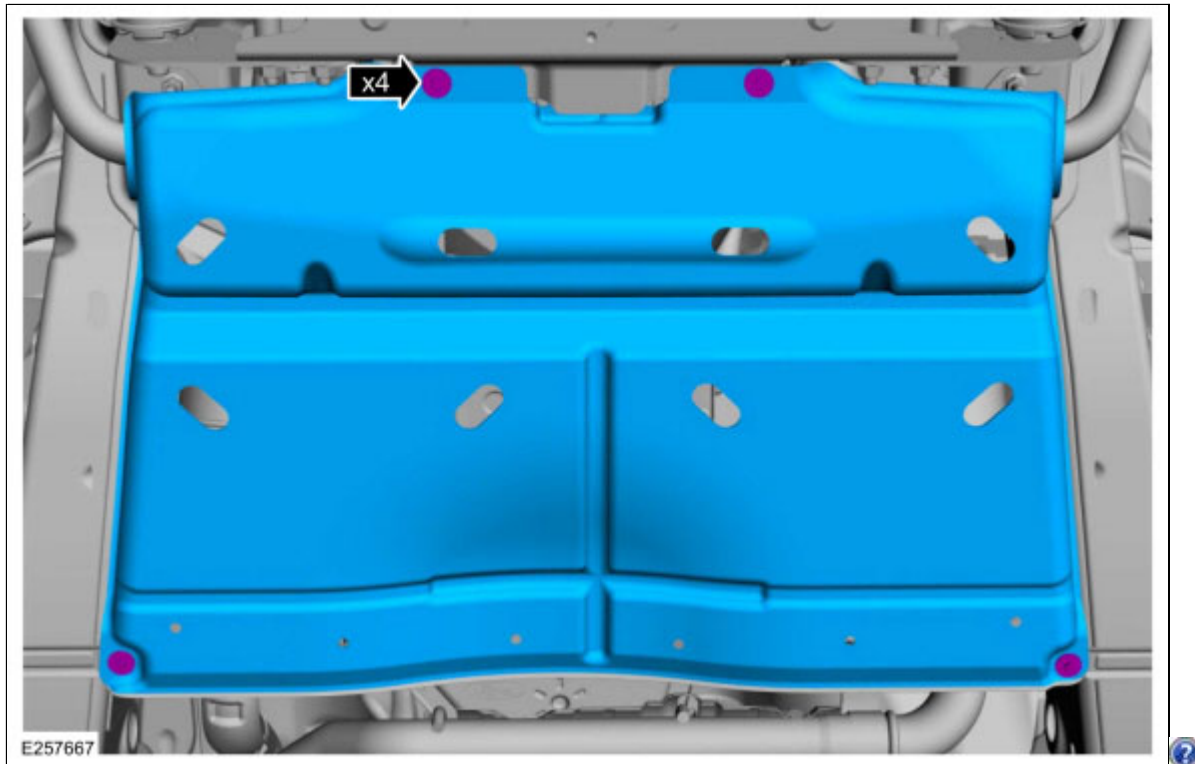


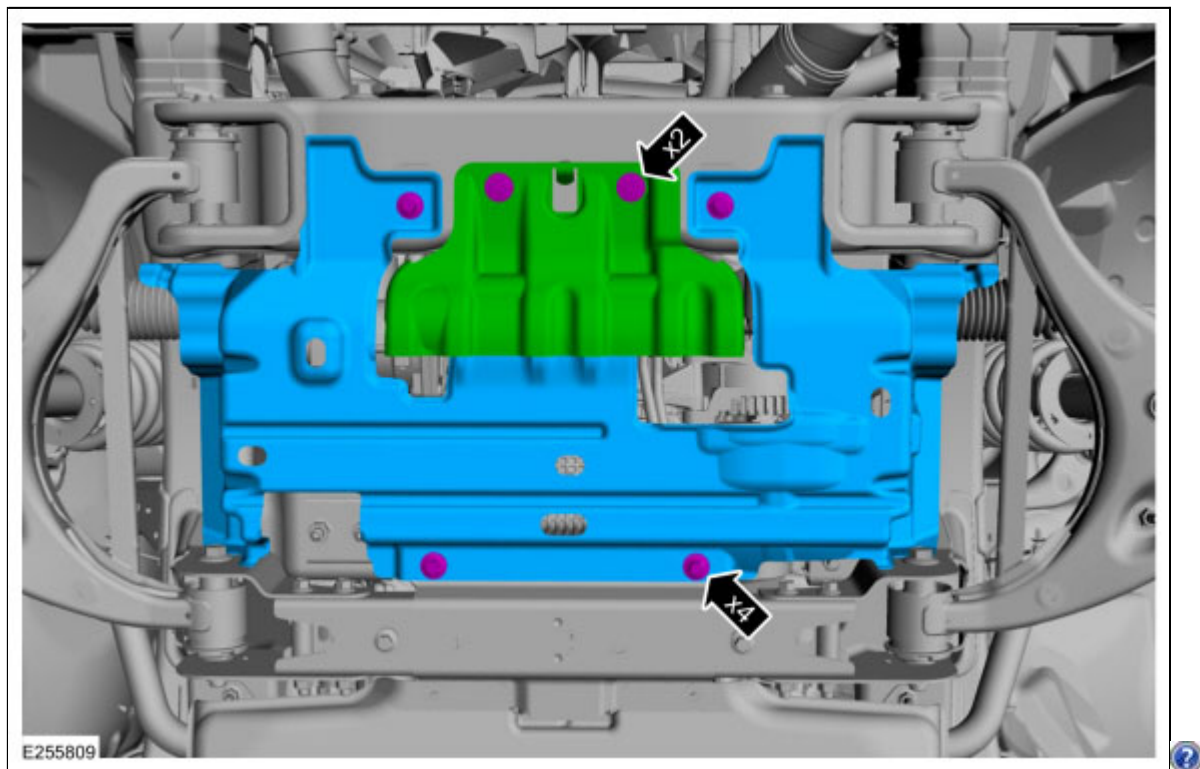
Engine Oil Draining and Filling

Draining

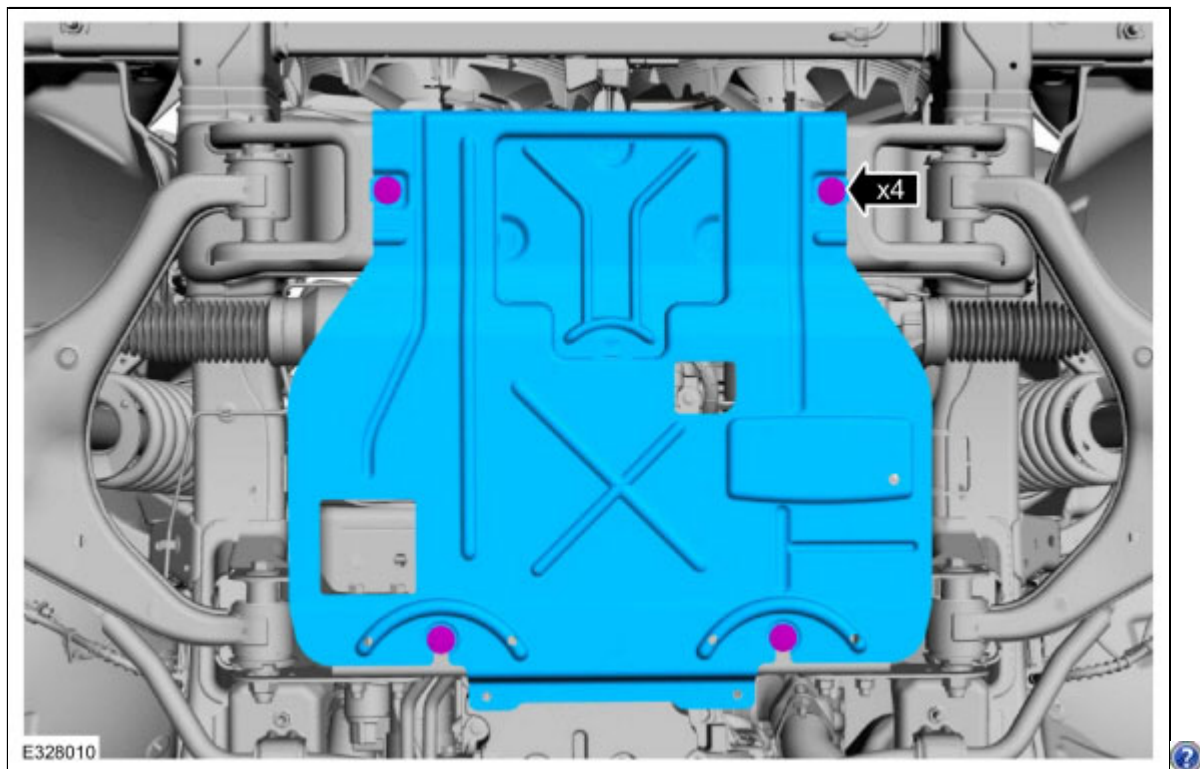
1. With the vehicle in NEUTRAL, position it on a hoist.
Refer to: [Jacking and Lifting - Overview](#) (100-02 Jacking and Lifting, Description and Operation).
2. If equipped, remove the bolts and the transmission housing cover.



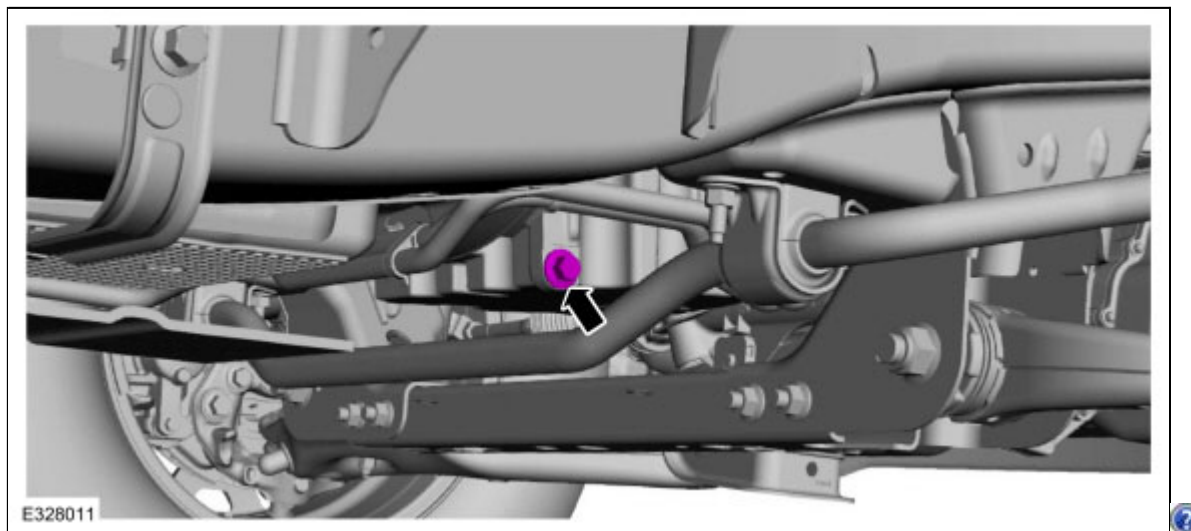
3.
 - If equipped, remove the bolts and the underbody shield.
 - If equipped, remove the bolts and the skid plate.



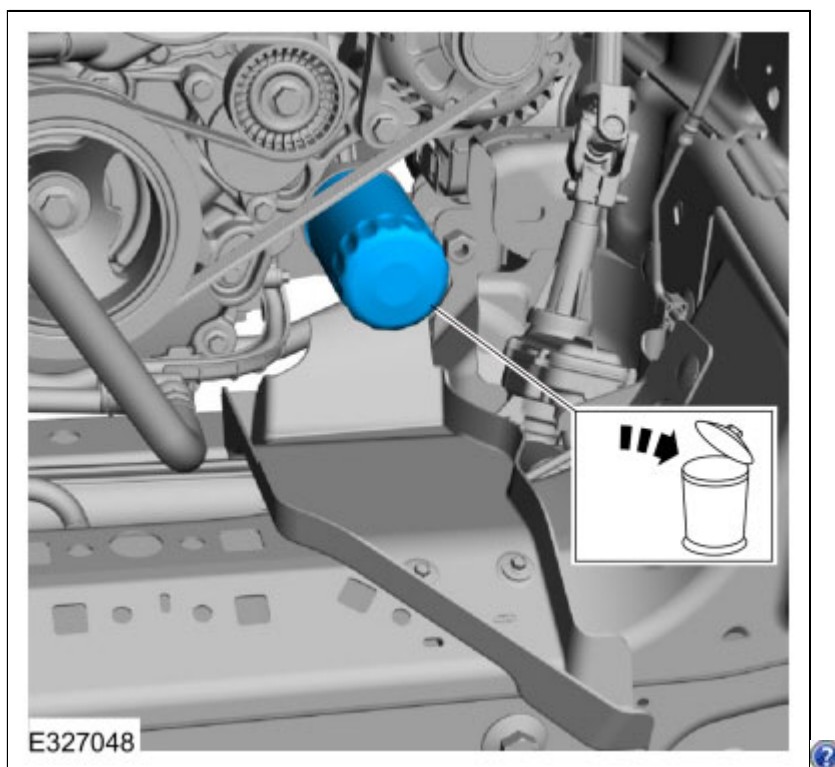
4. If equipped, remove the bolts and the skid plate.



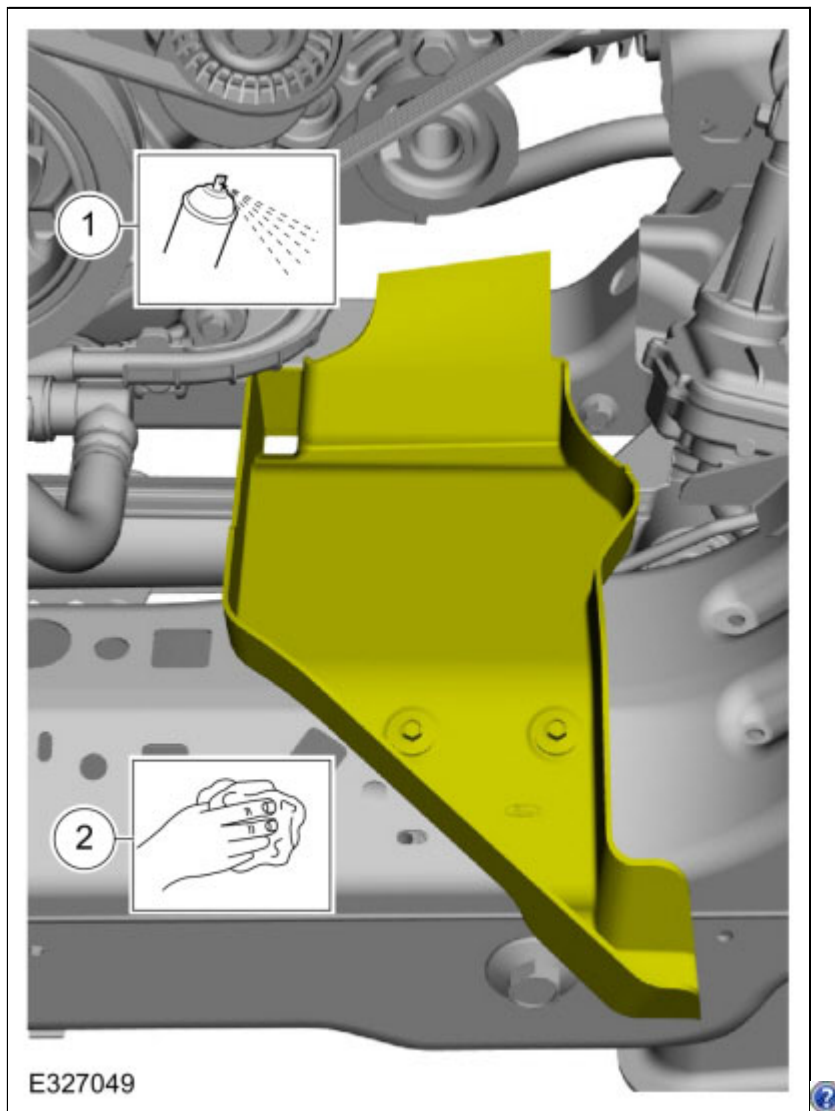
5. Remove the oil pan plug and drain the engine oil.
Use the General Equipment: Oil Drain Equipment
Torque : 19 lb.ft (26 Nm)



6. Remove and discard the oil filter.
Use the General Equipment: Oil Drain Equipment



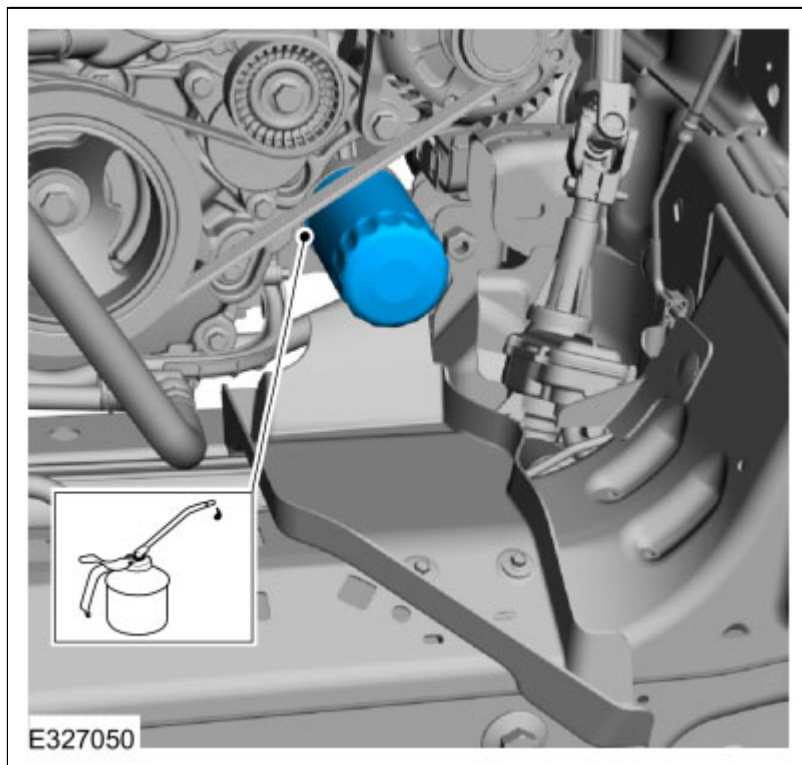
7.
 1. Using brake cleaner, clean the drain trough.
Use the General Equipment: Oil Drain Equipment
Material : Motorcraft® Metal Brake Parts Cleaner / PM-4-A, PM-4-B, APM-4-C
 2. Wipe the drain trough clean.



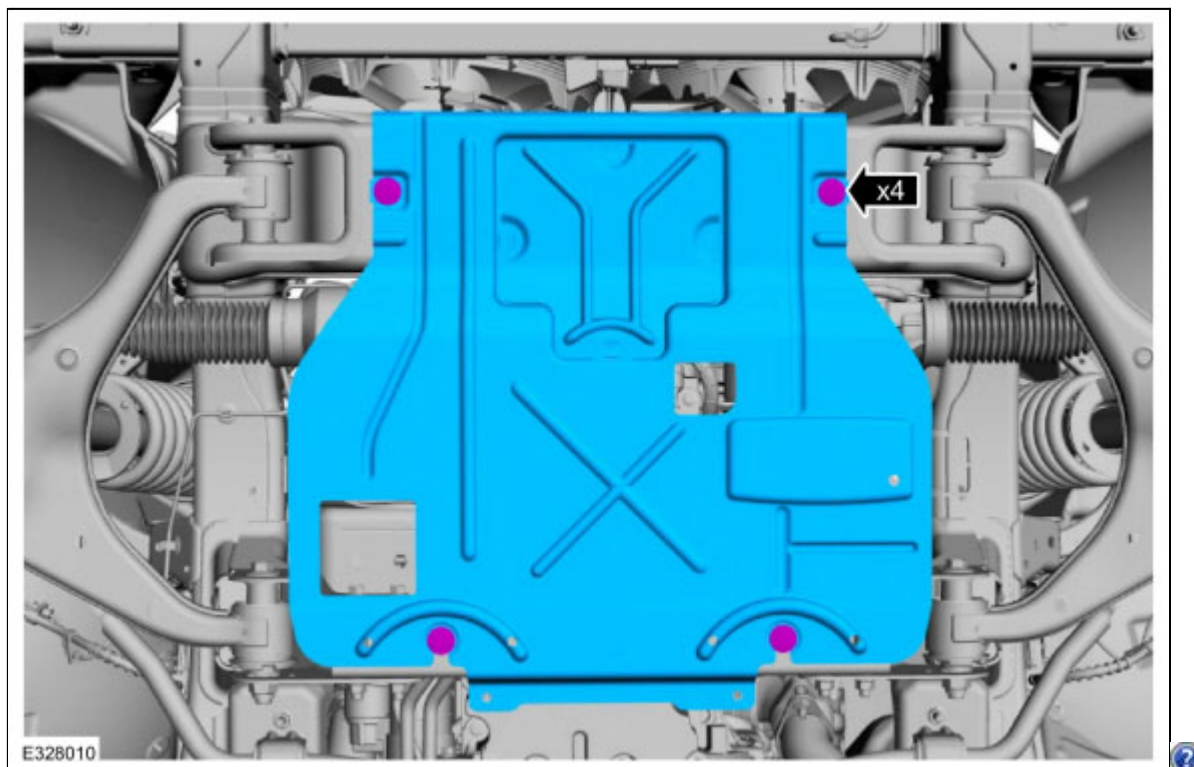
Filling

1.

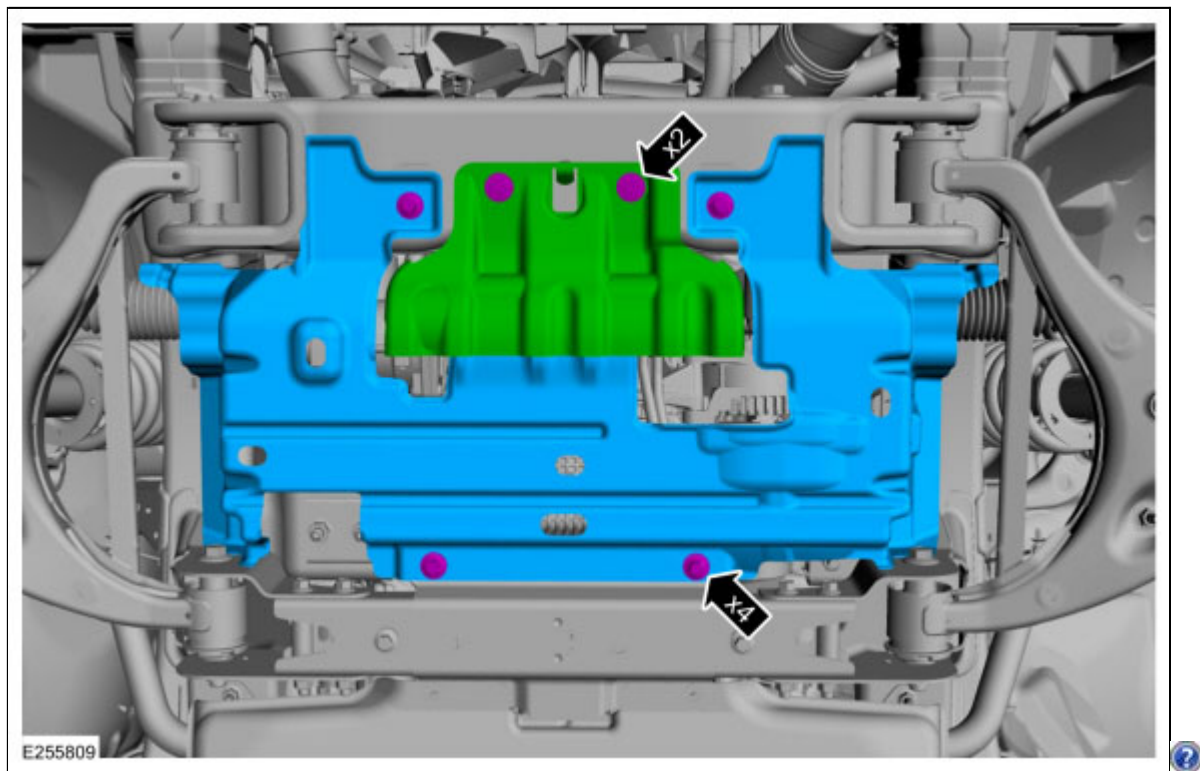
- Lubricate the oil filter seal with clean engine oil and install and tighten in 2 stages.
- Stage 1: Install to initial gasket contact.
- Stage 2: Tighten 3/4 to 1 turn.



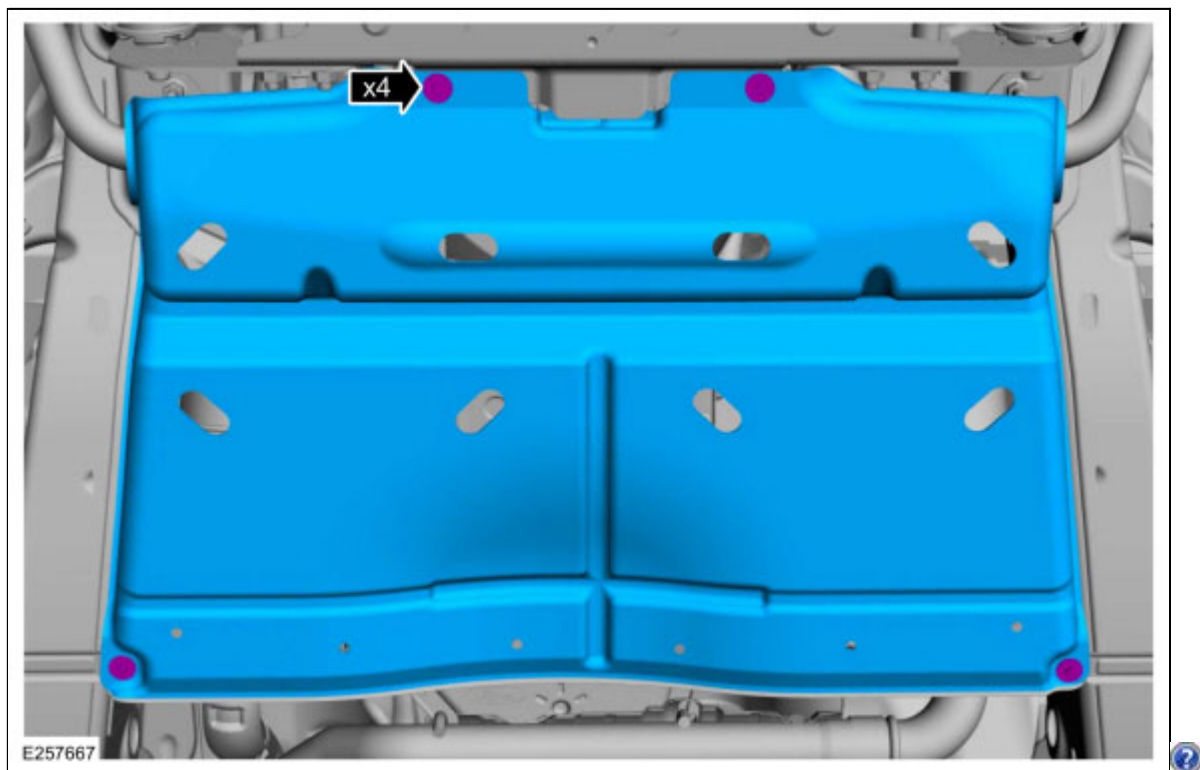
2. If equipped, install the skid plate and the bolts.
Torque : 30 lb.ft (40 Nm)



- 3.
- If equipped, remove the bolts and the skid plate.
Torque : 30 lb.ft (40 Nm)
 - If equipped, install the underbody shield and bolts.
Torque : 30 lb.ft (40 Nm)



4. If equipped, install the transmission housing cover and the bolts
Torque : 71 lb.in (8 Nm)



5. Fill the engine with clean engine oil.
Refer to: [Specifications](#) (303-01B Engine - 3.3L Duratec-V6, Specifications).

