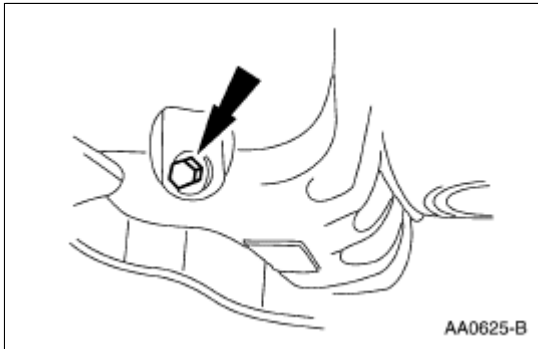


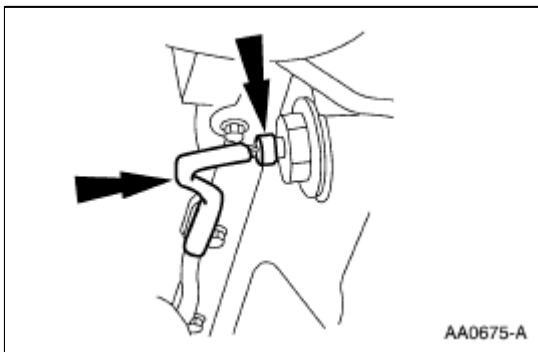
Oil Pan and Oil Pump Screen Cover and Tube

Removal

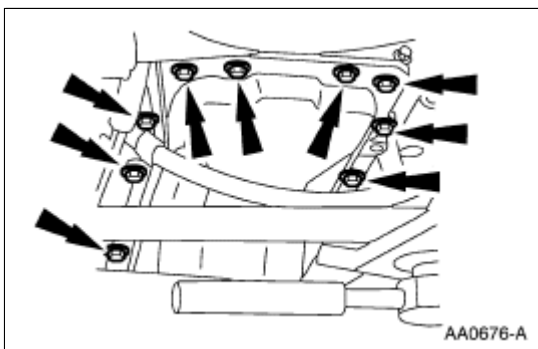
1. Disconnect the battery ground cable (14301).
2. Remove the oil pan drain plug (6730) and drain the engine oil.



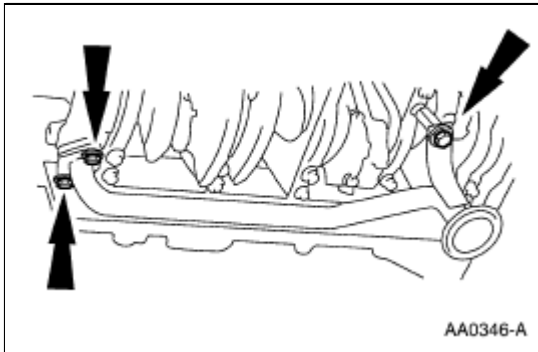
3. Lower the front front sub-frame (5C145); refer to [Section 502-02](#).
4. Disconnect the sensor wiring from the low oil level sensor and the oil pan rail.



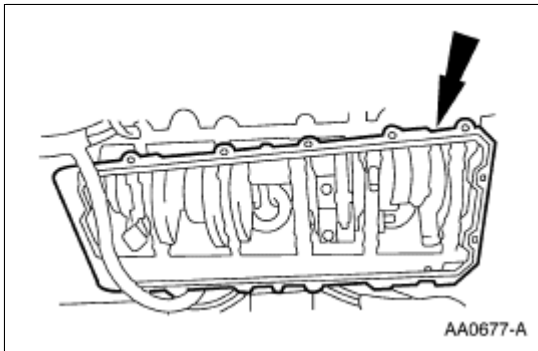
5. Remove the 16 bolts and remove the oil pan (6675).




- Remove the bolts from the oil pump screen and cover. Remove the oil pump screen cover and tube (6622).



- Remove the oil pan gasket (6710).

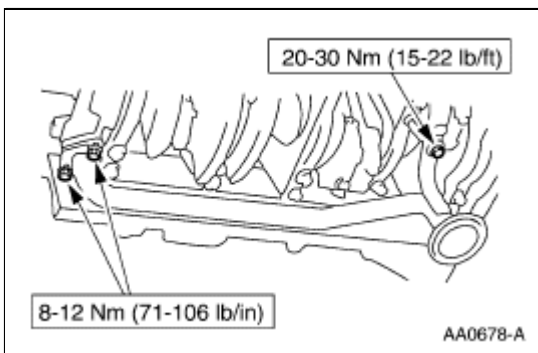


Installation

-  **CAUTION:** Make sure the oil pump screen cover and tube O-ring seal is in place and not damaged. A missing or damaged O-ring seal can cause foam in the lubrication system, low oil pressure and severe engine damage.

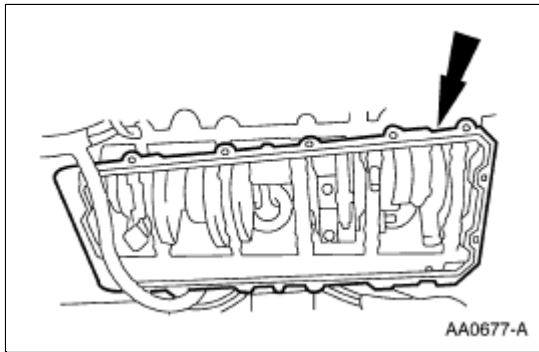
NOTE: clean and inspect the mating surfaces and install a new O-ring seal. Lubricate with Ford SAE 5W-30 Super Premium Motor Oil XO-5W30-QSP or equivalent meeting Ford specification WSS-M2C153G.

Install the oil pump screen and cover and tighten bolts.



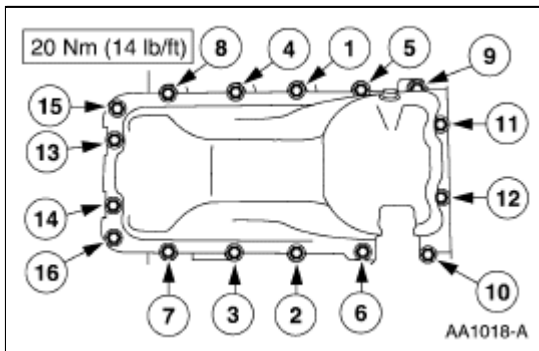
- Install the oil pan gasket.

- Use RTV on parting lines (4 places).

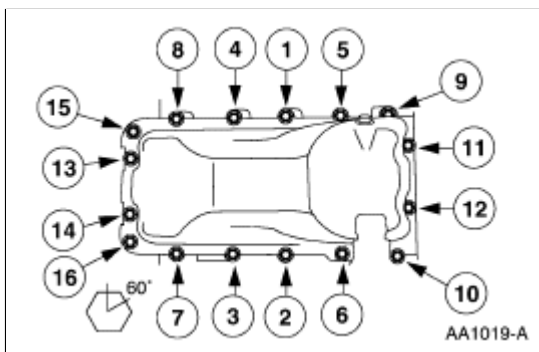


3. **NOTE:** Tighten the bolts in two steps.

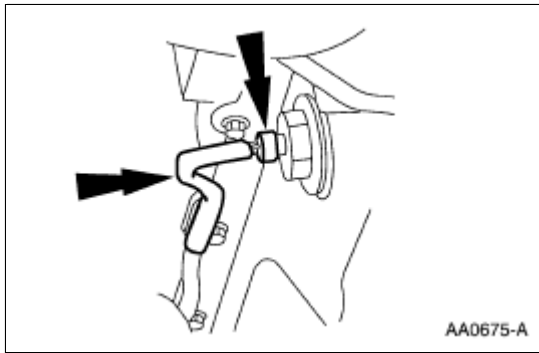
Install the oil pan and tighten the bolts in two steps.



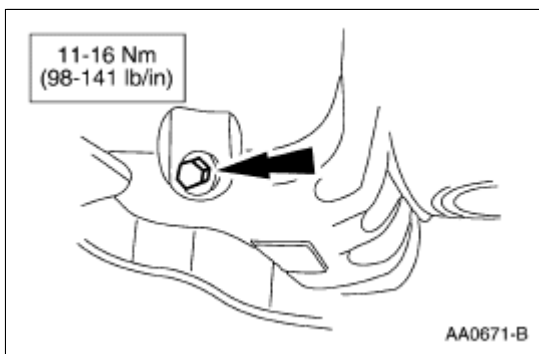
4. Tighten the bolts.



5. Connect the sensor wiring to the low oil level sensor and to the oil pan rail.



6. Install the front sub-frame; refer to [Section 502-02](#).
7. Install and tighten the oil pan drain plug.



8. Connect the battery ground cable.
 9. Fill the engine with oil.
 - Use clean engine oil meeting Ford specification WSS-M2C153-G.
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