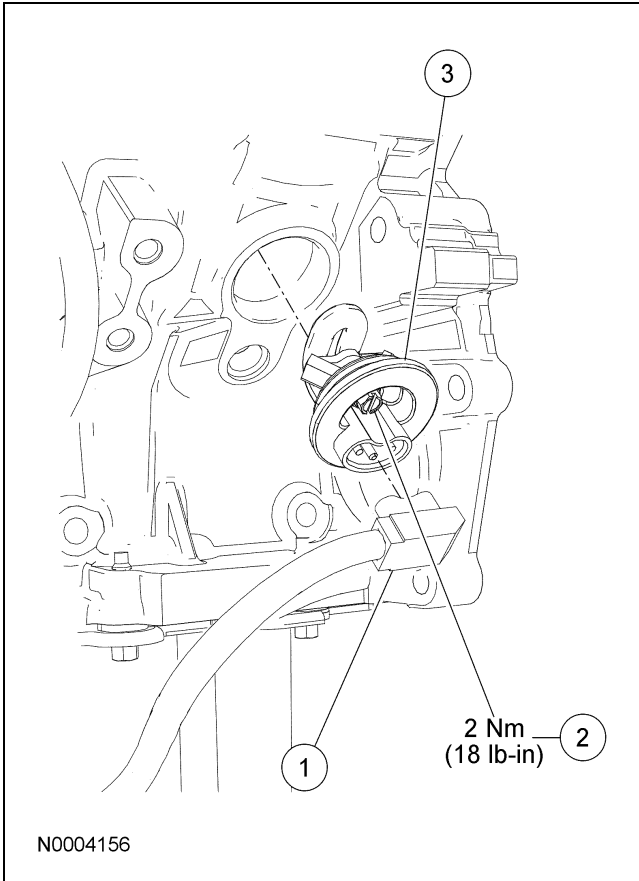


REMOVAL AND INSTALLATION

Block Heater



Item	Part Number	Description
1	6B019	Block heater electrical connector
2	6A051	Block heater retaining screw
3	6A051	Block heater

Removal and Installation

1. Drain the engine cooling system. For additional information, refer to Cooling System Draining, Filling and Bleeding in this section.
2. Disconnect the battery ground cable. For additional information, refer to Section 414-01.
3. Disconnect the block heater electrical connector and position aside.
4. **⚠ CAUTION: Do not loosen the block heater retaining screw more than necessary for removal.**
Loosen the block heater retaining screw and remove the block heater.
 - To install, tighten to 2 Nm (18 lb-in).
5. To install, reverse the removal procedure.
 - Lubricate the block heater seal and the cylinder block hole with clean engine coolant to ease installation.
 - Make sure the block heater electrical connector is routed and secured away from rotating or hot components or damage to the cable can occur.
6. Fill and bleed the cooling system. For additional information, refer to Cooling System Draining, Filling and Bleeding in this section.