

Engine Cooling System Condition Evaluation

Inspection

1. Use the following table to evaluate the cooling system condition and choose the correct procedure to restore the system.

CONDITION	ACTION
A component in the cooling system has been removed to gain access to another component or system, or any of the following components have been replaced: • Charge air cooler (CAC) • Thermostat • Radiator • Coolant Pump • Cooling System hoses or tubes	Perform coolant test procedure. For additional information, Refer to: Coolant Test (303-03C Powertrain Secondary Cooling - 6.7L Power Stroke Diesel, General Procedures).
NOTE: <i>*Except as part of a new engine or short block installation.</i> • Major coolant loss, including empty coolant bottle, more than 24 hours before repair* • Evidence of stop leak being used* • Coolant is being replaced*	Perform cooling system flush. For additional information, Refer to: Powertrain Secondary Cooling System Flushing - Without Fuel Contamination (303-03C Powertrain Secondary Cooling - 6.7L Power Stroke Diesel, General Procedures).
Any of the following components have been replaced (except as part of a new engine or short block installation): • Fuel Cooler	If no oil contamination of the coolant, perform cooling system flush. For additional information, Refer to: Powertrain Secondary Cooling System Flushing - Without Fuel Contamination (303-03C Powertrain Secondary Cooling - 6.7L Power Stroke Diesel, General Procedures). If coolant is contaminated with oil, perform with-contamination cooling system flush. For additional information, Refer to: Powertrain Secondary Cooling System Flushing - With Fuel Contamination (303-03C Powertrain Secondary Cooling - 6.7L Power Stroke Diesel, General Procedures).