

SB-10049421-5896

SI M12 06 12
Engine

October 2012
Technical Service

This Service Information bulletin supersedes SI M17 04 12 **dated June 2012**.

NEW designates changes to this revision

SUBJECT

Change in Thermostat Electrical Connector on Replacement Engine Harness

MODEL

All models with N16 built up to 3/2012

SITUATION

Vehicles produced 3/2012 and later are no longer equipped with an engine coolant thermostat that incorporates the engine coolant temperature sensor. The engine coolant temperature sensor is now an individual component.

To accommodate this component change, there was also a production change to the engine wiring harness; this also includes the replacement engine harnesses for earlier produced vehicles. The replacement harness is no longer equipped with the four pin connector for the thermostat / engine coolant temperature sensor, but two separate two-pin connectors, one for the coolant thermostat and one for the engine coolant temperature sensor.

PROCEDURE

When replacing the engine harness for applicable vehicles with the N16 engine produced prior to 3/2012, the engine thermostat must also be replaced (first harness replacement only).

Refer to Repair Instruction 11 53 000, "Removing and installing or replacing coolant thermostat (N16)."

NEW Note: Vehicles that are in for this repair may have already had a Service Action performed where the engine temperature sensor was previously replaced ([SI M17 04 12](#), [SI M17 05 12](#), [SI M17 06 12](#), [SI M17 07 12](#), [SI M17 08 12](#) or [SI M17 09 12](#)).

NEW In these cases, remove the adapter harness from the remote engine temperature sensor when replacing the engine wiring harness together with the thermostat (P/N 11 53 7 534 521). The coolant hose with the remote engine temperature sensor can remain in the vehicle.

PARTS INFORMATION

Part Number	Description	Quantity
11 53 7 534 521	Engine thermostat with gaskets	1

WARRANTY INFORMATION

Not applicable