

2021 Jeep Truck Wrangler JL L4-2.0L Turbo

Vehicle > Powertrain Management > Sensors and Switches - Powertrain Management > Sensors and Switches - Computers and Control Systems > Coolant Temperature Sensor/Switch (For Computer) > Service and Repair > Removal and Replacement

## ENGINE COOLANT TEMPERATURE SENSOR - REMOVAL AND INSTALLATION

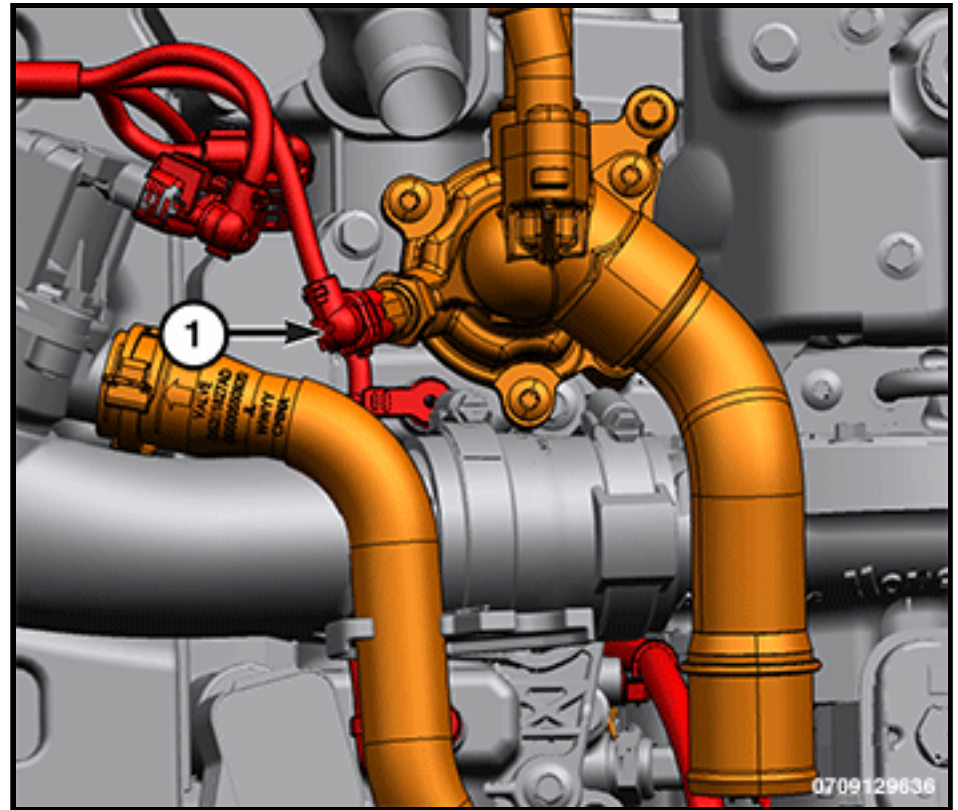
### REMOVAL AND INSTALLATION

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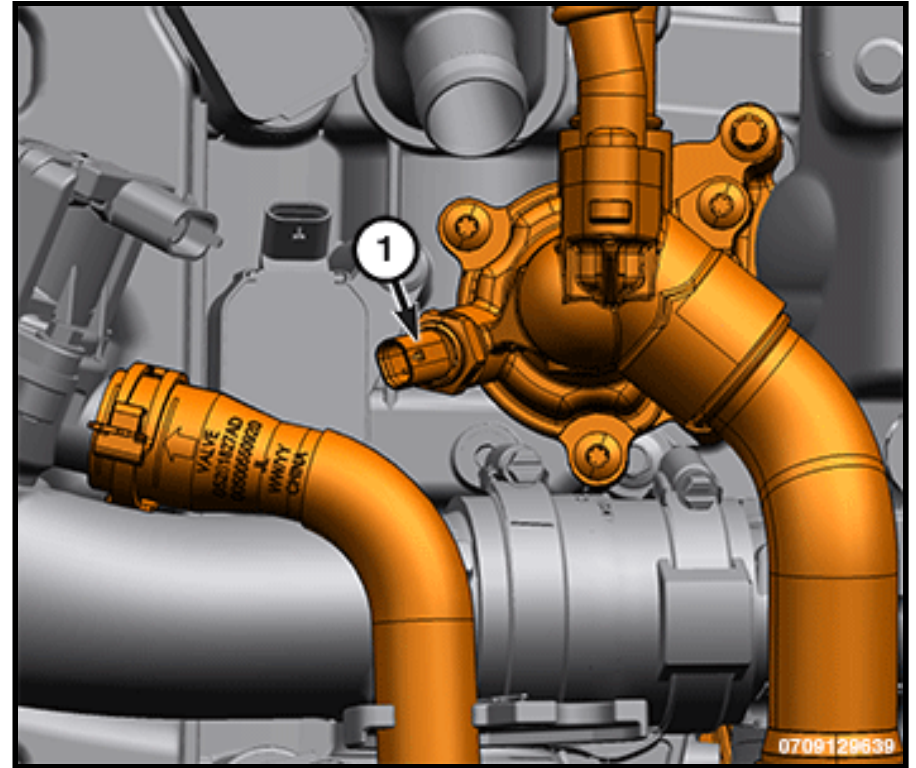
#### REMOVAL

**CAUTION:** To prevent coolant pooling in the injector bore(s), place an absorbent towel in the valley and over the injector bores. If coolant is accidentally spilled over top of the engine, apply compressed air into each injector bore until all coolant is visually evacuated.

1. Disconnect and isolate the negative battery cable(s) (Refer to 08 - Electrical/Battery System/Standard Procedure) .
2. Drain the cooling system (Refer to 07 - Cooling/Standard Procedure) .
3. Remove the engine cover (Refer to 09 - Engine/COVER, Engine/Removal and Installation) .
4. Disconnect the Engine Coolant Temperature (ECT) sensor wire harness connector (1).

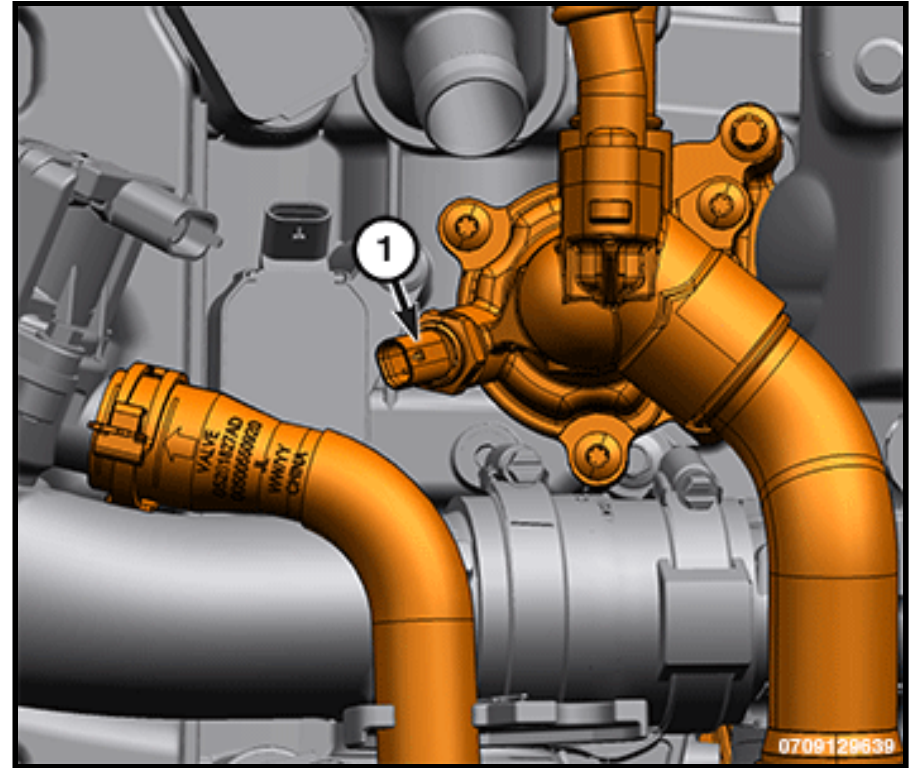


5. Remove the ECT sensor (1).

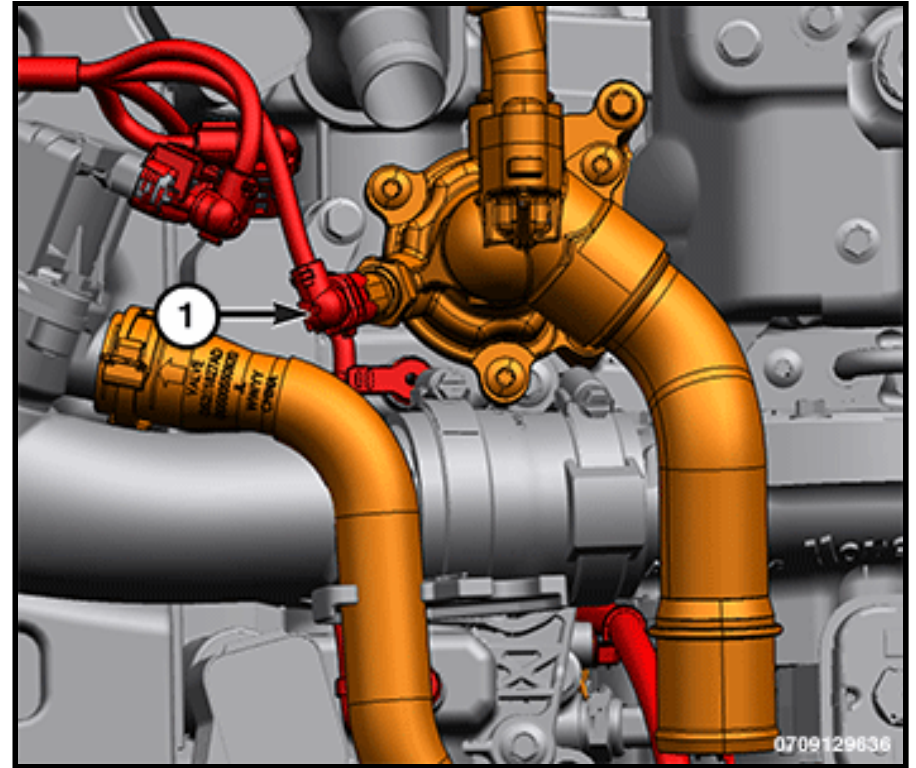


## INSTALLATION

1. Install the Engine Coolant Temperature (ECT) sensor (1) and tighten to the proper (Torque Specifications) .



2. Connect the ECT sensor wire harness connector (1).



3. Install the engine cover (Refer to 09 - Engine/COVER, Engine/Removal and Installation) .
4. Fill the cooling system (Refer to 07 - Cooling - Standard Procedure) .
5. Connect the negative battery cable(s) (Refer to 08 - Electrical/Battery System/Standard Procedure) .