



Technical Service Bulletin

GROUP	NUMBER
AUTOMATIC TRANSMISSION	19-AT-004HG
DATE	MODEL(S)
FEBRUARY 2019	G80 (DH), G90 (HI)

SUBJECT: COOLANT LEAK AT ATF WARMER CONNECTOR

Description:

This bulletin provides the procedure to replace the O-ring to the automatic transmission fluid (ATF) warmer connector on some vehicles which may exhibit a coolant leak between the ATF connector and engine side heater pipe.

Applicable Vehicles: 2017~18 G90 (HI)
2017~18 G80 (DH)

Parts Information:

Model	Description	Part Number
G90 (HI)	O-ring (for connector)	01922-0516
G80 (DH)	O-ring (for connector)	97690-4D800
G80 (DH) & G90 (HI)	O-ring (for Pipe)	25462-3F300

Warranty Information

Model	Op code	Operation	Op Time	Causal Part	Nature Code	Cause Code
G90 (HI) G80 (DH)	25460R00	Pipe Assy – coolant and/or O-ring	Refer to WEB LTS for current LTS Time	See Parts Table above	E81	ZZ4

NOTE: If coolant is added, use coolant part number on the claim for reimbursement.

Service Procedure:

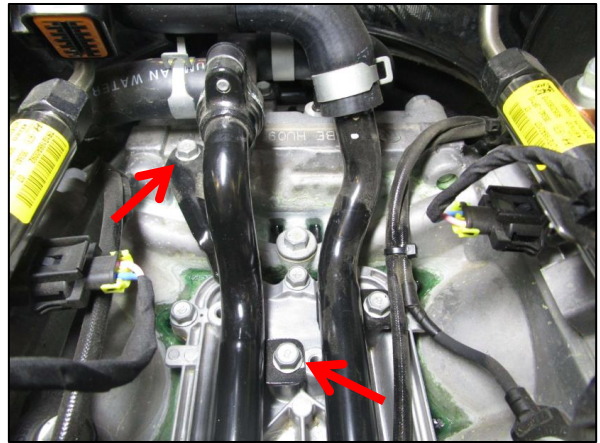
1. Remove the engine cover.

Drain approximately one gallon of engine coolant into a clean container.

Refer to the instructions in the related shop manual, **Engine Mechanical System, Intake and Exhaust System** and remove the intake air inlet hoses and the intake manifold.



2. Remove the 2 bolts to the brackets that secure the pipe near the rear of the engine.



3. Remove the bolt near the front of the engine. Disconnect the clamp and hose.



4. Push the pipe toward the rear of the engine and disconnect the forward end of the pipe from the housing.

Pull the pipe up 2~3 inches and pull the pipe toward the radiator to gain access to the connector.



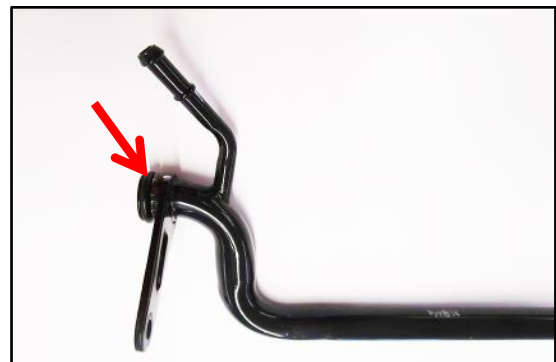
5. Remove the 2 nuts that secure the connector to the pipe.
Disconnect the pipe from the connector.



6. Remove the old O-ring.
Install the new blue O-ring (part number 97690-4D800) on the connector.



7. Install a new O-ring (part number 25462-3F300) on the end of the pipe near the radiator.

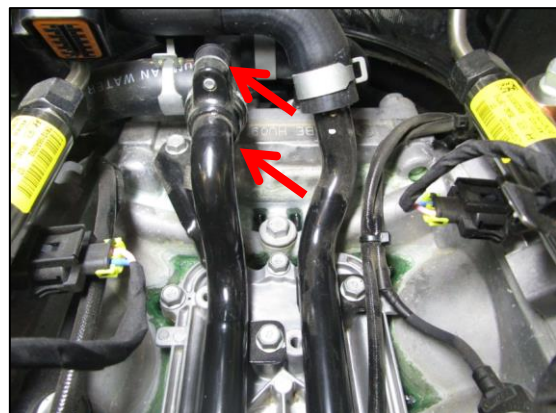


8. Reconnect the pipe to the housing and connector.
Reinstall the 2 nuts to the connector.
Torque: 5~7 lb.ft, 0.7~1.0 kgf.m, 6~10 N.m)

⚠ CAUTION

Tighten the nuts gradually and evenly until tightened.

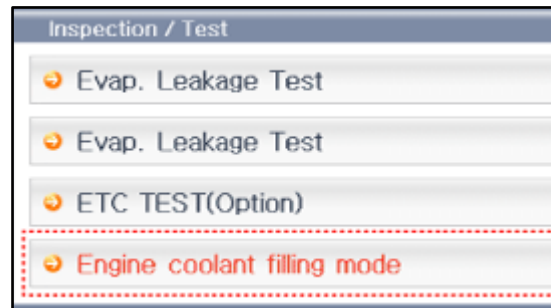
Install the 3 bolts that secure the pipe.



9. Reinstall the intake manifold and intake air duct.

Add engine coolant.

10. Attach a GDS and check the coolant level according to the related shop manual, **Engine Mechanical System, Cooling System, Coolant, Repair Procedures** and **Engine coolant filling mode**.



11. Check for correct coolant level, pressure test the cooling system and confirm no leaks are found.