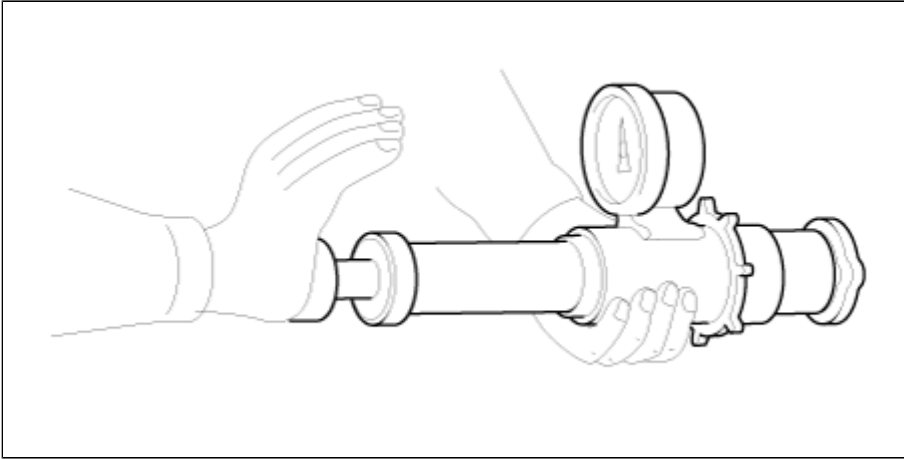


Inspection

Inverter Reservoir Cap Test

1. Remove the reservoir cap and mount it on the pressure tester.



2. Apply pressure of 93.16 - 122.58 kPa (0.95 - 1.25 kgf/cm², 13.51 - 17.78 psi).
3. Check if the pressure decreases.
4. If the pressure decreases, replace the cap.

Radiator Leakage Test

1. Wait until the engine cools down. Remove the inverter reservoir cap carefully. Fill the coolant in the reservoir and mount the reservoir on the pressure tester.
2. Mount the reservoir on the pressure tester and apply pressure of 93.16 - 122.58 kPa (0.95 - 1.25 kgf/cm², 13.51 - 17.78 psi)..



3. Check if the coolant leaks or the pressure decreases.
4. Remove the tester and mount the inverter reservoir cap.

Removal

⚠ WARNING

Be sure to read and follow the "General Safety Information and Caution" before doing any work related with the high voltage system. Failure to follow the safety instructions may result in serious electrical injuries.

NOTICE

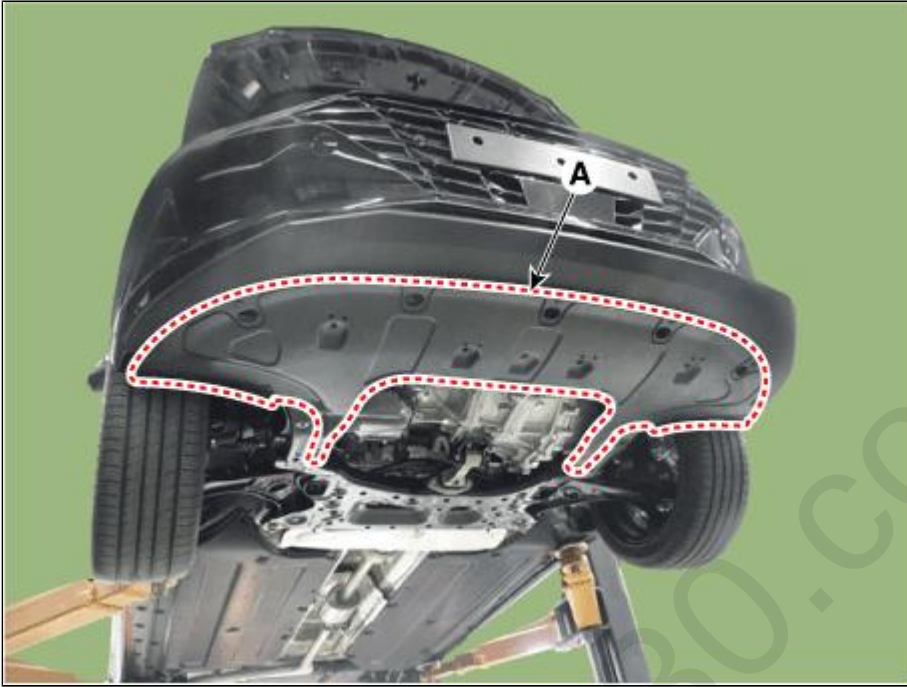
Use fender covers to avoid damaging painted surfaces.

To avoid damage, unplug the wiring connectors carefully while holding the connector portion.

1. Cut off the high voltage.
(Refer to Generals - "High Voltage Cut-off Procedure")
2. Remove the engine room under cover (A).

Tightening torque:

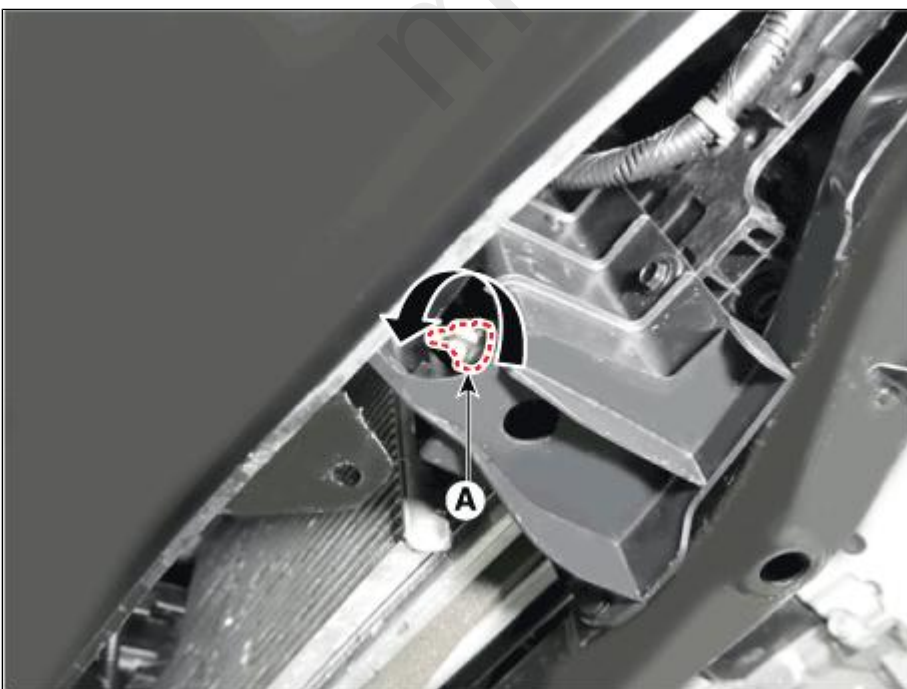
3.9 - 5.9 N.m (0.4 - 0.6 kgf.m, 2.9 - 4.3 lb-ft)



3. Loosen the drain plug (A), allow the coolant to drain out and then reinstall the drain plug.

Tightening torque :

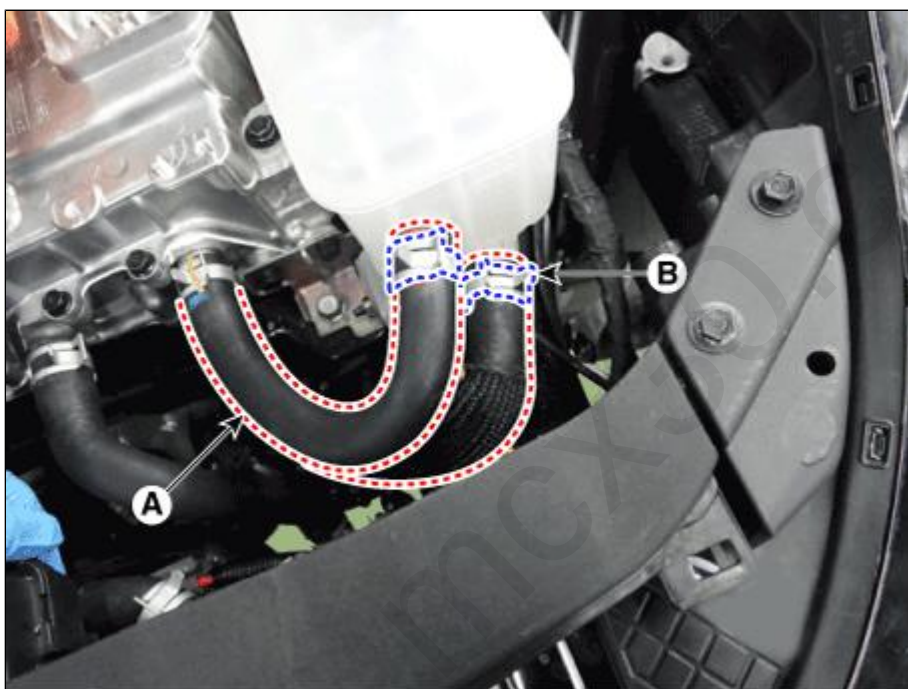
7.8 - 11.8 N.m (0.7 - 1.4 kgf.m, 5.8 - 8.7 lb-ft)



4. Loosen the bolt and then disconnect the motor power cable connector (A).



5. Separate the reservoir inlet hose (A) and the outlet hose (B).



6. Loosen the bolts and then removing the reservoir (A).

Tightening torque :

3.9 - 5.9 N.m (0.4 - 0.6 kgf.m, 2.9 - 4.3lb-ft)



Installation

1. To install, reverse the removal procedure.

CAUTION

Be careful not to cause any damage on the hose when tightening the clamp.

Mount the clamp tightening part in the designated direction so that interference does not occur with the adjacent parts.

Fill the coolant in the hybrid cooling system and use the diagnostic tool to perform air bleeding.
(Refer to Hybrid Motor Cooling System - "Coolant")

After mounting the reservoir, check for the leakage in the hose connections while the engine is running.

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Little Value	1	2	3	4	5	Excellent Value
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