



Evaporative Emission System Leak Test (17.90.02.01)

Special Service Tools



EVAP tool
310-142

NOTE :

The following procedure allows a fuel leak, indicated by the Malfunction Indicator Lamp (MIL), to be accurately located. The test must only be carried out once it has been established that there are no obvious faults with any of the fuel system components.

1 .



WARNING: Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.

Position the vehicle on a lift.

2 . Check the components in the fuel and EVAP system for obvious damage. Make sure all the connections are secure.

3 . Connect T4 to the vehicle.

- Run the DMTL test.
- Follow the on-screen prompts and force the DMTL to close.

4 .



WARNING: Do not smoke or carry lighted tobacco or open flame of any type when working on or near any fuel related components. Highly flammable vapors are always present and may ignite. Failure to follow these instructions may result in personal injury.



WARNING: Place the vehicle in a well ventilated, quarantined area and arrange ' No Smoking/Petrol Fumes' signs about the vehicle.

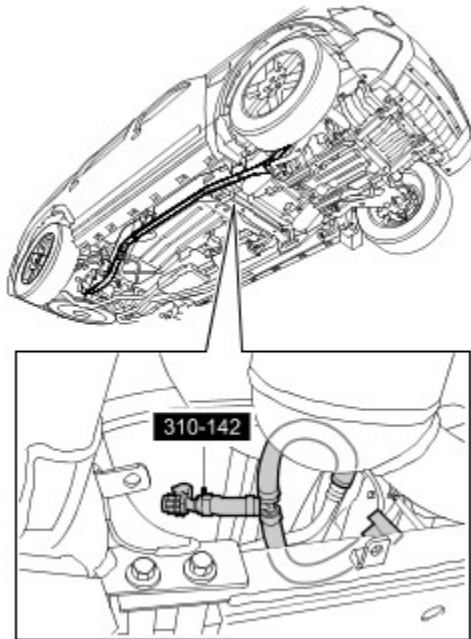


CAUTION: Before disconnecting or removing components, ensure the area around the joint faces and connections are clean. Plug open connections to prevent contamination.

Install the special tool to the purge line.

- Release the clip and disconnect the purge line.
- Clean the component mating faces.

- Connect the special tool.



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5 .



CAUTION: Before disconnecting or removing components, ensure the area around the joint faces and connections are clean. Plug open connections to prevent contamination.

Disconnect the purge line at the emission canister line.

- Release the clip.

6 . Carry out the procedures in order, from the instruction sheet supplied with the EVAPS diagnostic testing station 310-115 (LRA-19-004) or (LRA-19-005A).

7 . When a leak is detected, replace the component as necessary and repeat the test to validate the repair.

8 . Connect the purge line to the emission canister line.

- Clean the component mating faces.
- Secure with the clip.

9 . Disconnect the special tool from the purge line.

- Clean the component mating faces.
- Connect the purge line.

10 . Disconnect T4 from the vehicle.

