

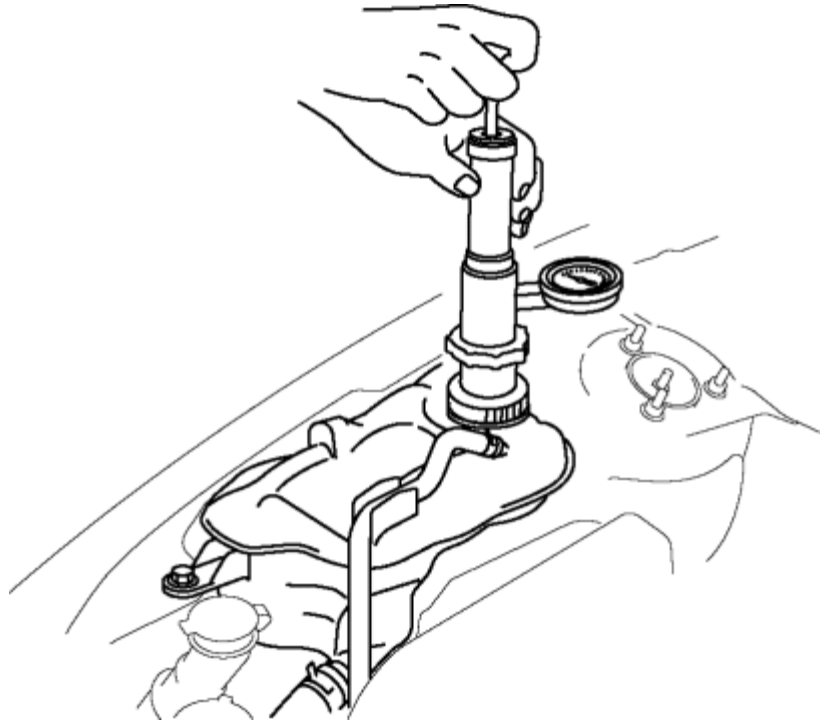
2012 - Mazda6 - Engine

ENGINE COOLANT LEAKAGE INSPECTION [MZI 3.7 V6]

WARNING:

- Never remove the cooling system cap or loosen the radiator drain plug while the engine is running, or when the engine and radiator are hot. Scalding engine coolant and steam may shoot out and cause serious injury. It may also damage the engine and cooling system.
- Turn off the engine and wait until it is cool. Even then, be very careful when removing the cap. Wrap a thick cloth around it and slowly turn it counterclockwise 2.5 turns. Step back while the pressure escapes.
- When you are sure all the pressure is gone, turn the cap using the cloth, and remove it.

1. Inspect the engine coolant level. (See [ENGINE COOLANT LEVEL INSPECTION \[MZI 3.7 V6\]](#).)
2. Remove the cooling system cap.
3. Install a commercially available radiator cap tester to the coolant reserve tank filler port.



4. Apply pressure using the radiator cap tester.

CAUTION:

- Applying more than 123 kPa {1.25 kgf/cm², 17.8 psi} can damage the hoses, fittings, and other components, and cause leakage.

Engine coolant leakage inspection pressure

123 kPa {1.25 kgf/cm , 17.8 psi} [1 min]

5. When pressurizing the cooling system, verify that the pressure is maintained.

- If the gauge needle drops, it may indicate water leakage. Repair or replace the applicable part.

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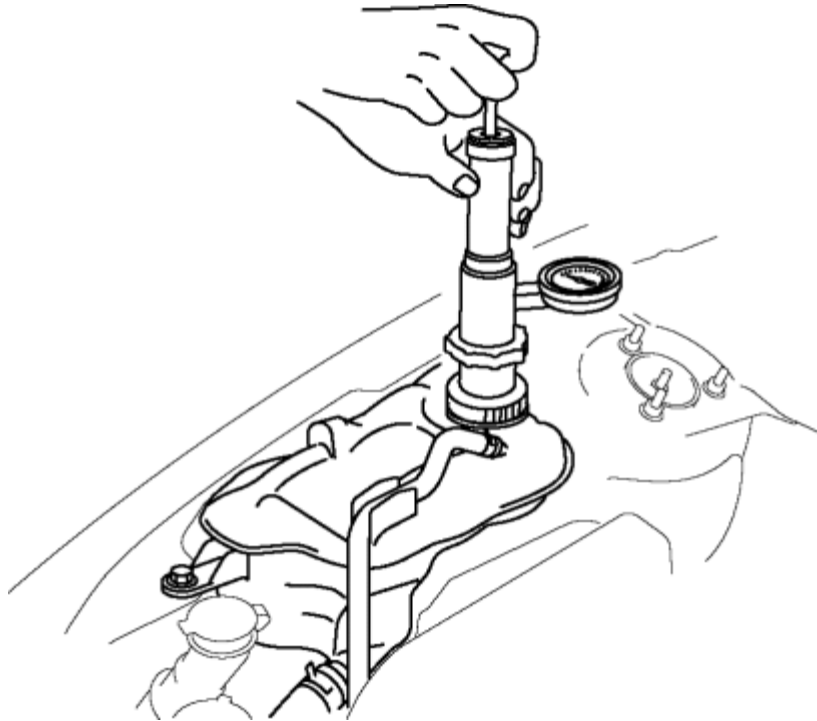
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