

Refrigerant Recovery Procedure

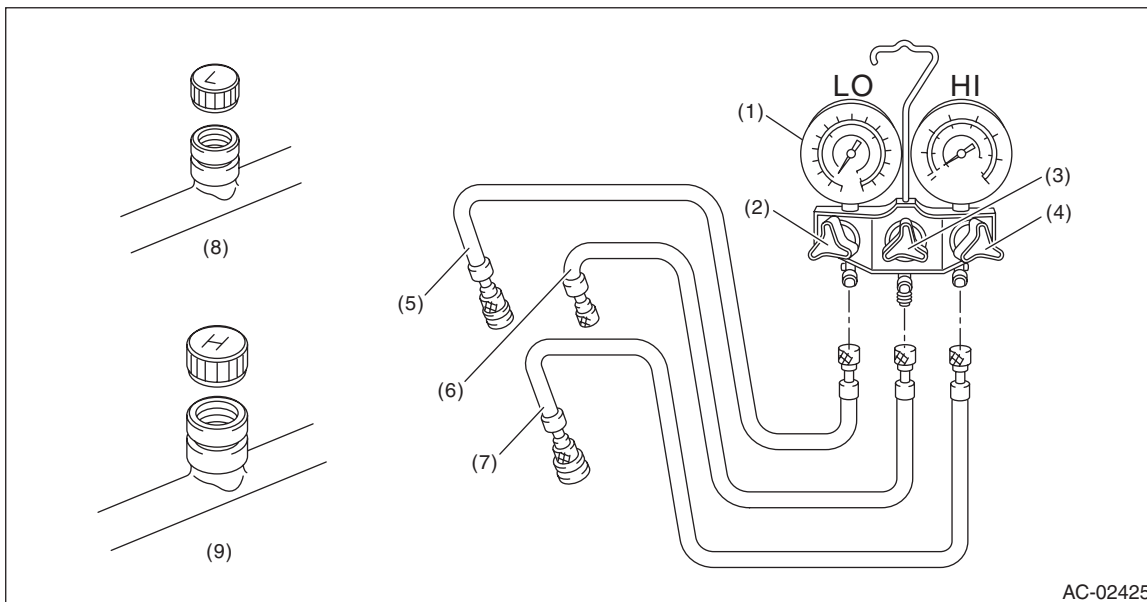
HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

4. Refrigerant Recovery Procedure

A: PROCEDURE

CAUTION:

- During operation, be sure to wear protective goggles and protective gloves.
- Connect the refrigerant recovery system with the manifold gauge set to discharge the refrigerant from the A/C system and recycle the gas.
- When recycling the discharged refrigerant, keep service cans on hand. Because the recovery rate with the recovery system is approx. 90%, service cans are necessary to charge the refrigerant.
- Follow the detailed operation procedure described in the operation manual attached to the refrigerant recovery system.



- | | | |
|------------------------|---|-------------------------------------|
| (1) Manifold gauge | (4) High pressure valve | (7) High-pressure hose |
| (2) Low pressure valve | (5) Low-pressure hose | (8) Low-pressure side service port |
| (3) Center valve | (6) Center manifold hose (vacuum pump and charge) | (9) High-pressure side service port |

- 1) Perform compressor oil return operation. <Ref. to AC-34, PROCEDURE, Compressor Oil.>
- 2) Stop the engine.
- 3) Attach the manifold gauge set.

Preparation tool:

Manifold gauge set

- (1) Check that all valves are fully closed.
- (2) Install the low/high pressure hoses to the service ports on the low/high pressure sides of the vehicle respectively.

CAUTION:

Confirm that the connections are secure.

- (3) Connect the center hose to the refrigerant recovery system.

Preparation tool:

Refrigerant recovery system

- 4) Follow the operation manual attached to the refrigerant recovery system to collect the refrigerant.