

# Refrigerant Recovery Procedure

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

## 4. Refrigerant Recovery Procedure

### A: PROCEDURE

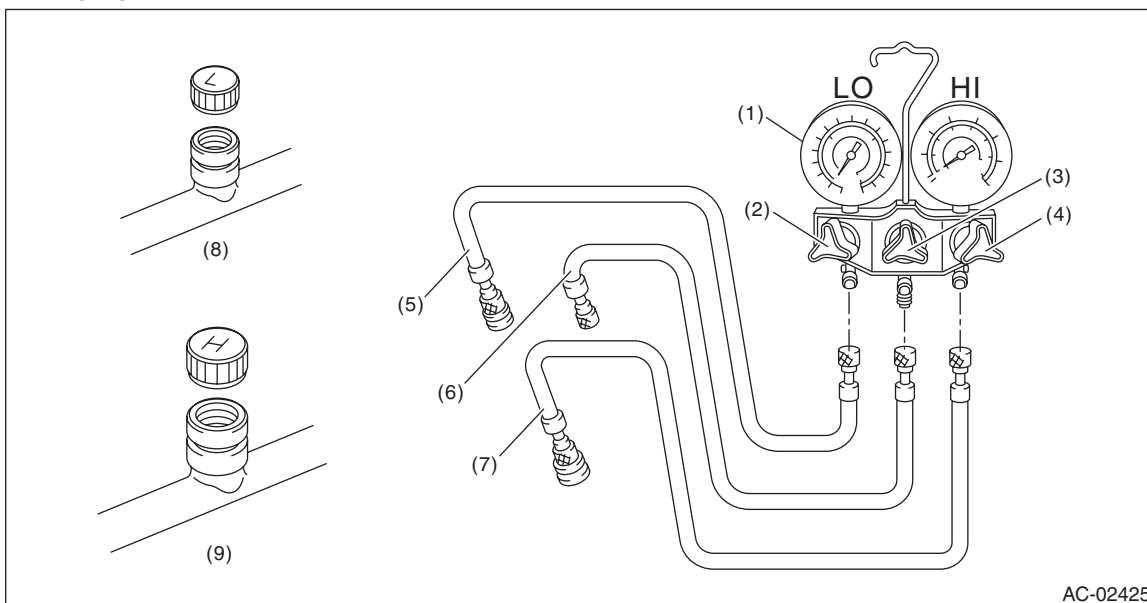
**Preparation tool:**

*Manifold gauge set*

*Refrigerant recovery system*

#### 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 (high-pressure) |
| (2) Low pressure valve | (5) Low-pressure hose (low-pressure)              | (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-36, PROCEDURE, Compressor Oil.>
- 2) Stop the engine.
- 3) Attach the manifold gauge set.
  - (1) Confirm 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.
- 4) Follow the operation manual attached to the refrigerant recovery system to recover the refrigerant.