

# EXPANSION VALVE

AC28L-01

## ON-VEHICLE INSPECTION

1. **CHECK QUANTITY OF GAS DURING REFRIGERATION CYCLE**
2. **SET ON MANIFOLD GAUGE SET (See page [AC-19](#))**
3. **RUN ENGINE**

Run the engine at 1,500 rpm for at least 5 minutes.

Then check that the high pressure reading is 1.37 - 1.57 MPa (14 - 16 kgf/cm<sup>2</sup>, 199 - 228 psi).

4. **CHECK EXPANSION VALVE**

If the expansion valve is faulty, the low pressure reading will drop to 0 kPa (0 kgf/cm<sup>2</sup>, 0 psi).

HINT:

When the low pressure drops to 0 kPa (0 kgf/cm<sup>2</sup>, 0 psi), check the receiver's IN and OUT sides is no temperature difference.