

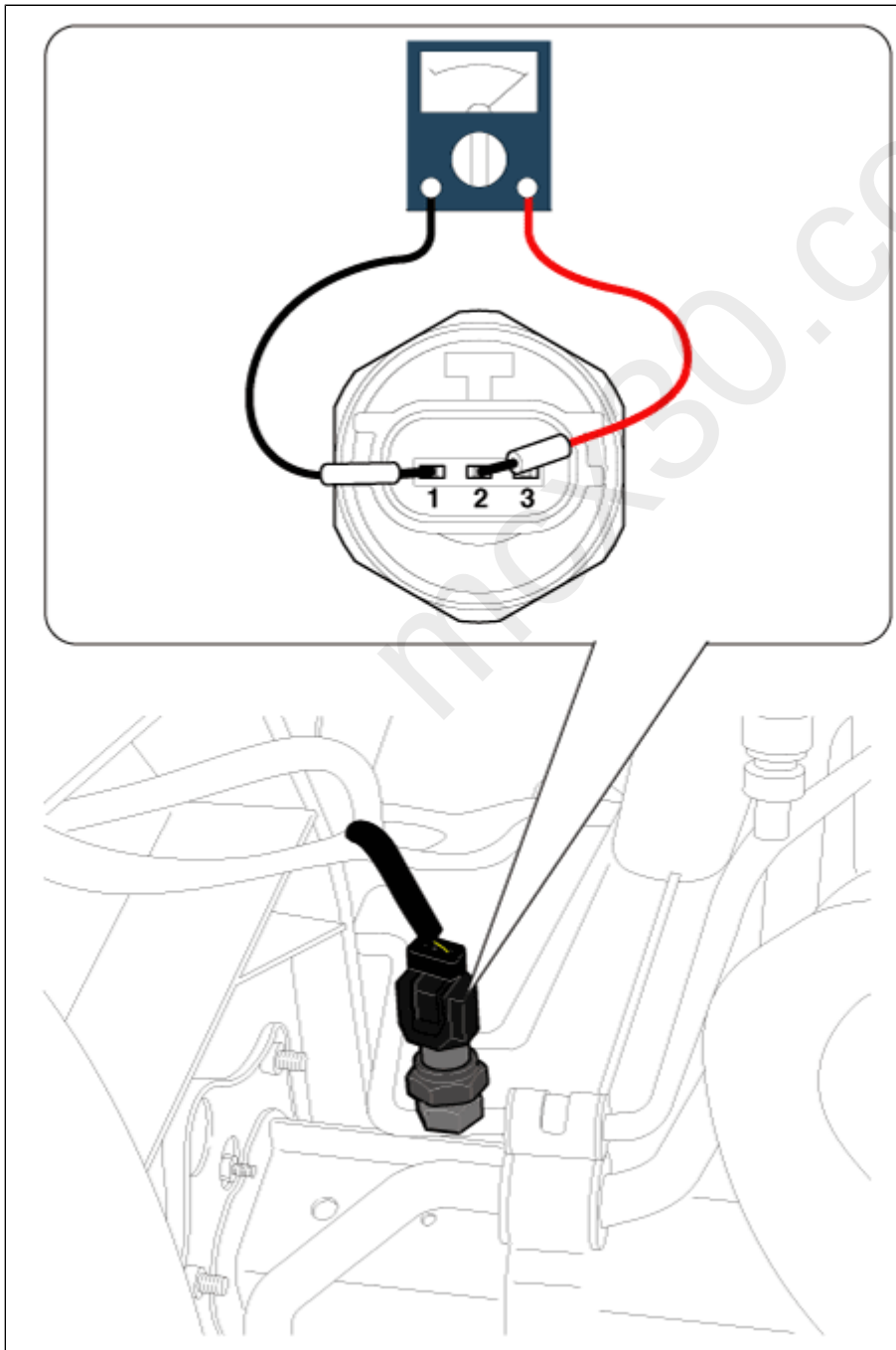
NOTICE

Before measuring the pressure of the refrigerant line, check whether the refrigerant amount is charged in accordance with the specified charging amount.
(Refer to Heating, Ventilation, Air Conditioning - "Specifications")

1. Turn the ignition switch OFF.
2. Install the refrigerant recovery/recycling/charging system.
(Refer to Air Conditioning System - "Repair procedures")
3. Turn ON the ignition switch, put into operation the air conditioner.
4. Calculate the reference voltage of the Recovery/Recycle/Recharge machine high pressure value using the formula below.

$$\text{Reference voltage (V)} = 0.0088 * \text{pressure(psi)} + 0.37$$

5. Measure the sensor output voltage between terminal "1" and "2".

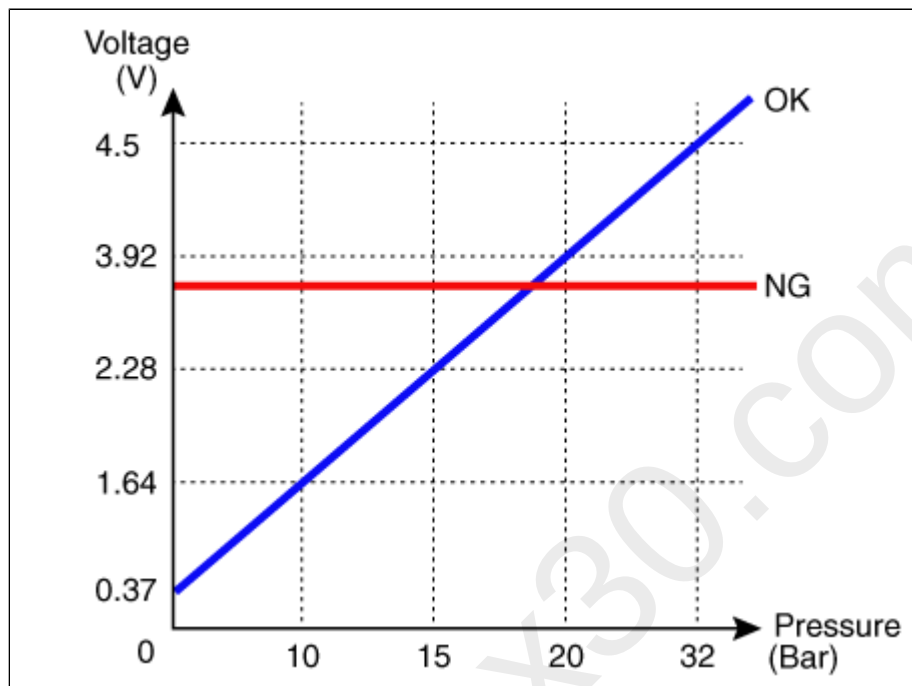


Pin No	Function
1	Ground
2	Voltage
3	Power (+5V)

6. If the reference voltage value and the sensor output voltage value are close to each other, the air conditioner pressure transducer is normal.
7. If 0V is output or the reference voltage value and sensor output voltage value are not close to each other, replace the air conditioner pressure transducer.

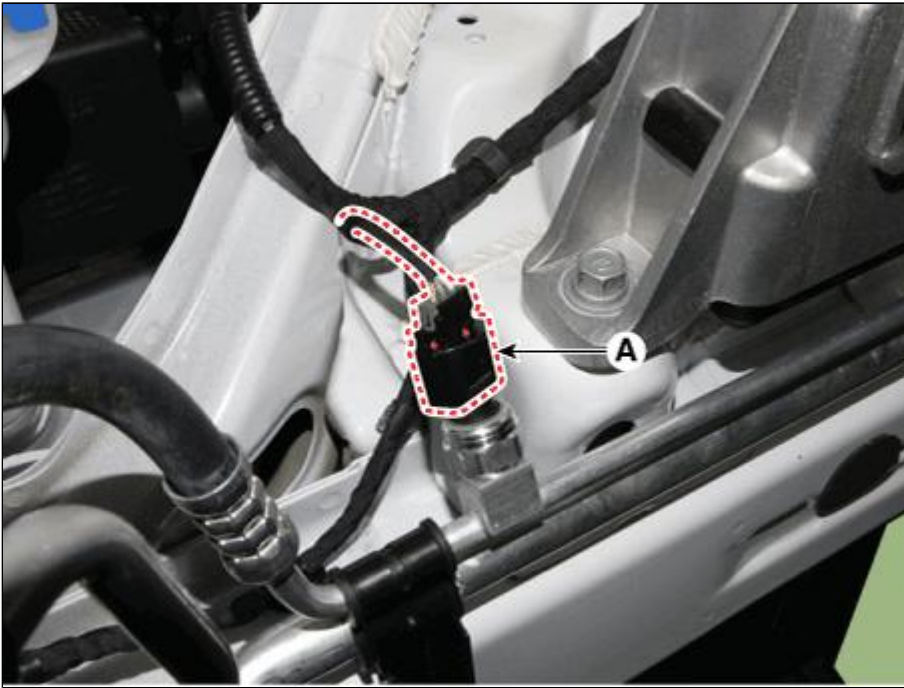
i Information

Check if the output voltage changes when the high pressure value of the refrigerant line changes.



Replacement

1. Disconnect the negative (-) battery terminal.
2. Recover the refrigerant with a recovery/charging station.
3. Disconnect the A/C pressure transducer connector (A).



4. Remove the A/C pressure transducer (A).

Tightening torque :

9.8 - 11.8 N.m (1.0 - 1.2 kgf.m, 7.2 - 8.7 lb-ft)



⚠ CAUTION

Be careful not to bend the liquid & suction pipe.

5. To install, reverse the removal procedure.

ℹ Information

When installing, replace it with a new O-ring.

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