

## PRESSURE SWITCH ON-VEHICLE INSPECTION

AC16Z-02

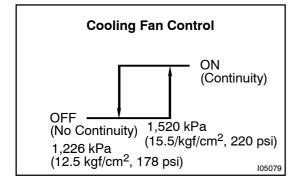
- 1. SET ON MANIFOLD GAUGE SET (See page AC-19)
- 2. DISCONNECT CONNECTOR FROM PRESSURE SWITCH
- 3. RUN ENGINE AT APPROX. 1,500 RPM

| Magnetic Clutch Control Low Pressure Side ON (Continuity) |        |  |   |
|---|--------|--|---|
| 196 kPa<br>(2.0 kgf/cm <sup>2</sup> ,                     |        | 22.5 kPa<br>(2.3 kgf/cm <sup>2</sup> , 3 | • |
| 28 psi) OFF (No Continuity)                               |        |  |   |
| High Pressure S<br>2,250 kPa<br>(26 kgf/cm <sup>2</sup> , | ide Ol | (32.0/kgf·c                              |   |
| 370 psi)  |        | <u>4</u> 55 psi)                         |   |
| OFF (No Continuity) 108493                                |        |  |   |

## 4. Magnetic clutch control: INSPECT PRESSURE SWITCH OPERATION

- (a) Connect the positive (+) lead from the ohmmeter to terminal 4 and the negative (-) lead to terminal 1.
- (b) Check continuity between terminals when refrigerant pressure is changed, as shown in the illustration.

If operation is not as specified, replace the pressure switch.



## 5. Cooling fan control: INSPECT PRESSURE SWITCH OPERATION

- (a) Connect the positive (+) lead from the ohmmeter to terminal 2 and the negative (-) lead to terminal 3.
- (b) Check continuity between terminals when refrigerant pressure is changed, as shown in the illustration.

If operation is not as specified, replace the pressure switch.

- 6. STOP ENGINE AND SET OFF MANIFOLD GAUGE SET
- 7. CONNECT CONNECTOR TO PRESSURE SWITCH