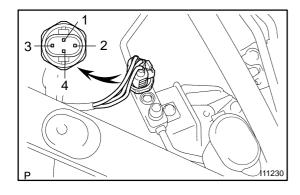
PRESSURE SWITCH ON-VEHICLE INSPECTION

AC28R-03

- 1. START ENGINE
- 2. SET BLOWER SPEED CONTROL SWITCH TO "HI" POSITION
- 3. SET TEMPERATURE CONTROL SELECTOR TO "MAX COOL" POSITION
- 4. PUSH A/C SWITCH
- 5. RACE ENGINE AT 1,500 RPM
- 6. INSPECT PRESSURE SWITCH OPERATION
- (a) Disconnect the connector.



- Low Pressure Side ON (Continuity) 22.5 kPa 196 kPa (2.3 kgf/cm², 33 psi) (2.0 kgf/cm², 28 psi) OFF (No Continuity) High Pressure Side ON (Continuity) 3,140 kPa 2,250 kPa (32.0/kgf·cm², (26 kgf/cm² 455 psi) 370 psi) OFF (No Continuity) 108493
- ON (Continuity)

 OFF
 (No Continuity) 1,520 kPa
 (1,226 kPa (15.5/kgf/cm², 220 psi) (12.5 kgf/cm², 178 psi)

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

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

- (c) Inspect pressure switch continuity (Condenser Fan Control).
 - (1) Connect the positive (+) lead from the ohmmeter to terminal 2 and the negative (-) lead to terminal 3.
 - (2) Check continuity between terminals when refrigerant pressure is changed, as shown in the illustration.

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

2002 ECHO (RM884U)

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