

# COMPRESSOR AND MAGNETIC CLUTCH

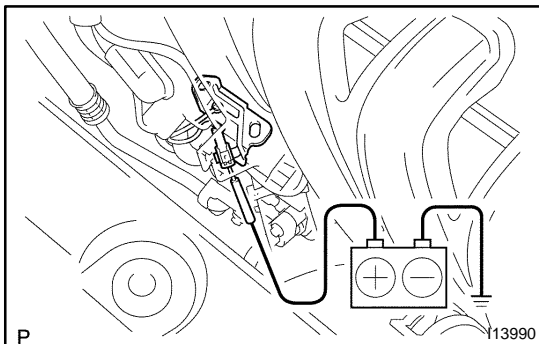
AC0CZ-05

## ON-VEHICLE INSPECTION

1. **CHECK FOR LEAKAGE OF GREASE FROM CLUTCH BEARING**
2. **CHECK FOR SIGNS OF OIL ON PRESSURE PLATE OR ROTOR**
3. **INSPECT MAGNETIC CLUTCH BEARING FOR NOISE**
  - (a) Start engine.
  - (b) Check for abnormal noise from the compressor when the A/C switch is OFF.

If abnormal noise is being emitted, replace the magnetic clutch.

4. **INSPECT MAGNETIC CLUTCH OPERATION**
  - (a) Disconnect the connector.



- (b) Connect the positive (+) lead from the battery to terminal of magnetic clutch connector and the negative (-) lead to the body ground.

- (c) Check that the magnetic clutch energized.

If operation is not as specified, replace the magnetic clutch.

## 5. INSPECT COMPRESSOR FOR METALLIC SOUND

Check there is abnormal metallic sound from the compressor when the A/C switch is ON.

If abnormal metallic sound is heard, replace the compressor assembly.

## 6. INSPECT REFRIGERANT PRESSURE (See page AC-3)

## 7. INSPECT VISUALLY FOR LEAKAGE OF REFRIGERANT

Using a gas leak detector, check for leakage of refrigerant.

If there is any leakage, check the tightening torque at joints or replace compressor.