Open circuit
- If there is no continuity, there is an open circuit. Repair or replace the wiring harness.
  - — ECT sensor terminal A and PCM terminal 2AH
  - — ECT sensor terminal B and PCM terminal 2AY

Short circuit
- If there is continuity, there is a short circuit. Repair or replace the wiring harness.
  - — ECT sensor terminal A and power supply
  - — ECT sensor terminal A and body ground
  - — ECT sensor terminal B and power supply

MASS AIR FLOW (MAF) SENSOR INSPECTION[L3 WITH TC]

id014039800700

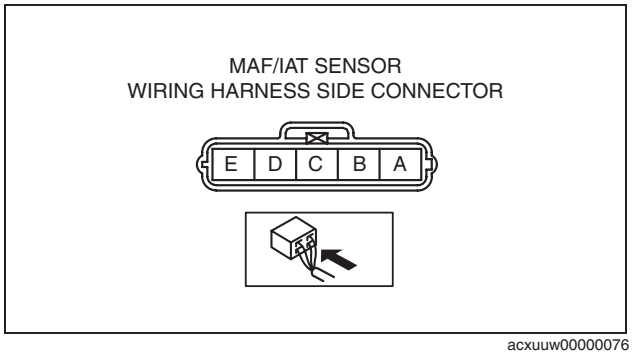
Visual Inspection

Note
- Before performing the following inspection, make sure to follow the procedure as indicated in the troubleshooting flowchart. (See 00-00-3 HOW TO USE THIS MANUAL.)

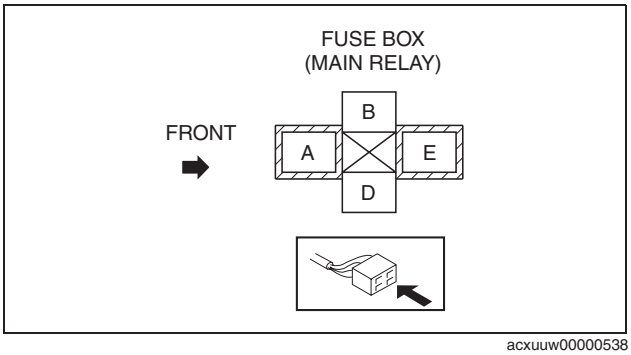
1. Visually inspect for the following on the MAF sensor. (See01-13-5 INTAKE AIR SYSTEM REMOVAL/ INSTALLATION[L3 WITH TC].)
   - Damage
   - Cracks
   - Bent terminals
   - Terminal rust
     - — If any of the above are found, replace the MAF/IAT sensor.
     - — If the monitor item status/specification (reference) is not within the specification even though there is no malfunction, perform the "Circuit Open/Short Inspection".

Voltage Inspection
1. Remove the MAF/IAT sensor without disconnect the MAF/IAT sensor connector.
2. Turn the ignition switch to the ON position.
3. As the air gradually approaches the MAF detection part of the MAF/IAT sensor, verify that the voltage at PCM terminal 1AK (M-MDS PID: MAF) varies.
   - If it cannot be verified even though the related harnesses have no malfunction, replace the MAF/IAT sensor.

Circuit Open/Short Inspection



acxuuw00000076



acxuuw00000538