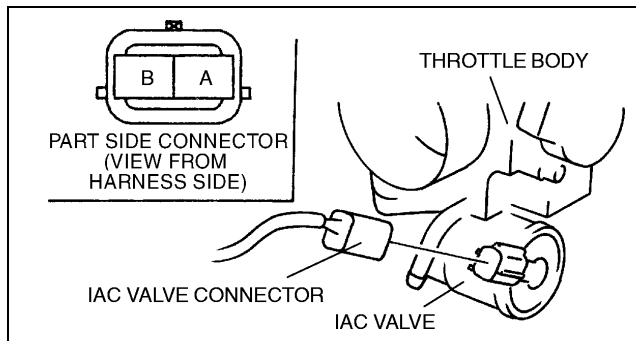


INTAKE-AIR SYSTEM

3. Measure the resistance between the IAC valve terminals using an ohmmeter.
 - If as specified but the Simulation Test is failed, carry out the "Circuit Open/Short Inspection".
 - If not as specified, replace the IAC valve. (See 01-13-5 IDLE AIR CONTROL (IAC) VALVE REMOVAL/INSTALLATION.)

Resistance

8.7—10.5 ohms (24°C {75°F})



Y5U113WA1

4. Remove the IAC valve, and inspect it for any damage or clogging.
 - Replace the IAC valve if not as specified. (See 01-13-5 IDLE AIR CONTROL (IAC) VALVE REMOVAL/INSTALLATION.)

Circuit Open/Short Inspection

Open circuit

- Power circuit (IAC valve connector terminal A and PCM connector terminal 2P)
- GND circuit (IAC valve connector terminal B and PCM connector terminal 2Q)

Short circuit

- IAC valve connector terminal A and PCM connector terminal 2P to GND

VARIABLE TUMBLE CONTROL SYSTEM (VTCS) CHECK VALVE (ONE-WAY), DELAY VALVE REMOVAL/INSTALLATION

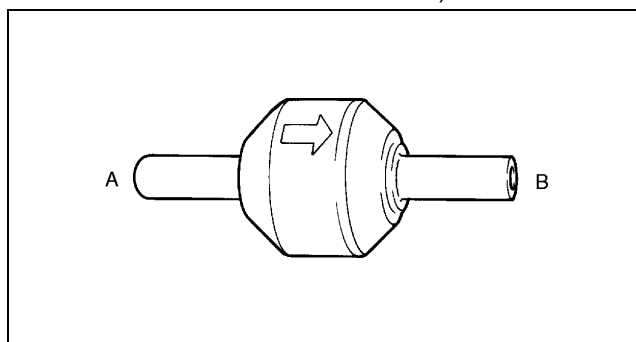
A5U011313995W01

1. Remove the VTCS check valve (one-way) or delay valve. (See 01-13-3 INTAKE-AIR SYSTEM REMOVAL/INSTALLATION.)

VARIABLE TUMBLE CONTROL SYSTEM (VTCS) CHECK VALVE (ONE-WAY), DELAY VALVE INSPECTION

A5U011313995W02

1. Remove the VTCS check valve (one-way) or delay valve. (See 01-13-6 VARIABLE TUMBLE CONTROL SYSTEM (VTCS) CHECK VALVE (ONE-WAY), DELAY VALVE REMOVAL/INSTALLATION.)
2. Blow through A and verify that the air flows from B.
3. Blow through B and verify that the air does not flow from A.
 - If not as specified, replace the VTCS check valve (one-way) or delay valve.



X5U113WA7

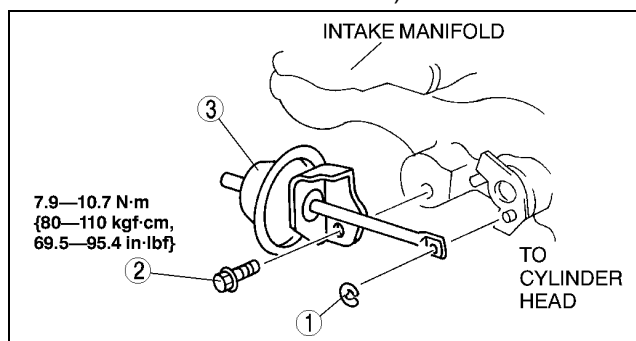
VARIABLE TUMBLE CONTROL SYSTEM (VTCS) SHUTTER VALVE ACTUATOR REMOVAL/INSTALLATION

A5U011320152W01

1. Remove the air hose. (See 01-13-3 INTAKE-AIR SYSTEM REMOVAL/INSTALLATION.)
2. Remove in the order indicated in the table.

1	E ring
2	Bolt
3	VTCS shutter valve actuator

3. Install in the reverse order of removal.



Z5U0113W105