

## A373 Throttle control actuator assembly

### Throttle position sensor checking

1. Remove glovebox lid.
2. Switch ignition ON.
3. Check voltage between VC ↔ E2 terminals.

Terminals	Voltage (V)
VC - E2 (1 - 4)	4.5-5.5

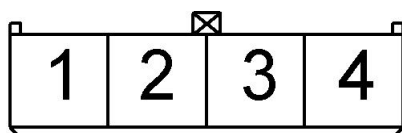
4. Measure the voltage between sensor terminals.

Throttle pedal	Terminals	Voltage (V)
Released	VTA - E2 (2 - 4)	0.4-1.0
	VTA2 - E2 (3 - 4)	2.0-2.9
Depressed	VTA - E2 (2 - 4)	3.2-4.8
	VTA2 - E2 (3 - 4)	4.7-5.1

5. Switch ignition OFF.
6. Disconnect multi-plug.
7. Measure the resistance between terminals.

Terminals	Condition	Resistance (Ohms) [at 20°C]
VC - E2 (1 - 4)	-	1.2-3.2

8. Re-connect multi-plug.

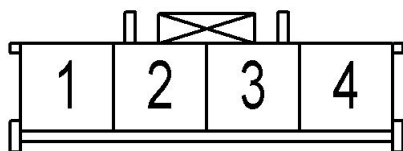


### Accelerator pedal position sensor inspection

1. Switch ignition OFF.
2. Disconnect multi-plug.
3. Measure the voltage between sensor terminals.

Terminals	Condition	Resistance (Ohms) [at 20°C]
VC - E2 (4 - 3)	-	1.2-3.2

4. Re-connect multi-plug.



### Throttle motor inspection

1. Switch ignition OFF.
2. Disconnect multi-plug.
3. Measure the resistance between motor terminals.

Terminals	Condition	Resistance (Ohms) [at 20°C]
M+ - M- (4 - 3)	-	0.3-100
CL- - CL+ (2 - 1)	-	4.2-5.2

4. Re-connect multi-plug.

