### 2004 > G 2.0 DOHC > Engine Electrical System

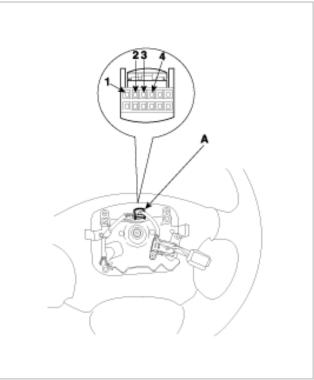
# INSPECTION

#### **CRUISE CONTROL SWITCH TEST**

1. Disconnect the battery negative cable, then disconnect the positive cable, and wait at least three minutes.

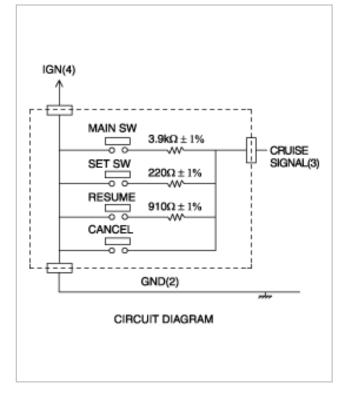
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- 2. Remove the driver's airbag (See page RT).
- 3. Disconnect the control switch connector.



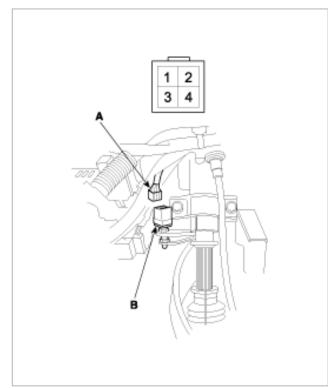
- 4. Check the continuity between the terminals of the connector in each switch position according to the table.
  - A.If there is continuity, and it matches the table, the switch is O.K.
  - B. If there is no continuity, replace the control switch.

Terminal Position	1	2	3	4
MAIN (ON)			0	-0
SET (ON)		0	-0	
RESUME (ON)		0	-0	
CANCEL (ON)		0-	-0	



### **BRAKE SWITCH TEST**

- 1. Disconnect the connector from the brake switch.
- 2. Remove the brake switch.



3. Check for continuity between the terminals according to the table.

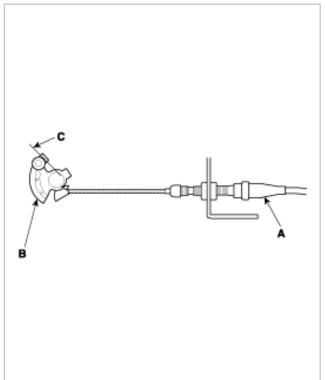
Terminal	1	2	3	4
Depressed		0	_0	
Released	0			-0

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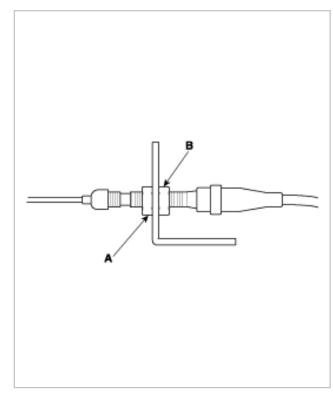
4. If necessary, replace the switch or adjust the pedal height.

# **ACTUATOR CABLE ADJUSTMENT**

- 1. Check that the actuator cable (A) moves smoothly with no binding or sticking.
- 2. position, M/T in neutral) until the radiator fan comes on, then let it idle.
- 3. Measure the amount of movement of the output linkage (B) until the engine speed starts to increase. At first, the output linkage should be located at the fully closed position (C).

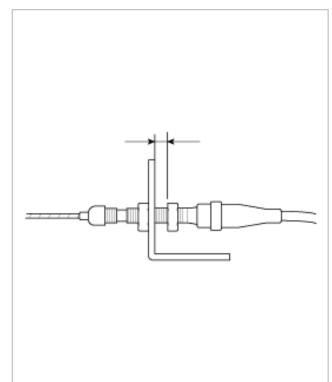


4. If the free play is not within specs, move the cable to the point where the engine speed starts to increase, and tighten the locknut (A) and adjusting nut (B).

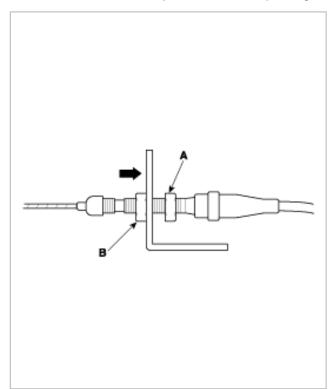


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#### 5. Turn the adjusting nut (A) until it is 3.75±0.5 mm (0.15±0.02 in.) away from the bracket (B).



6. Pull the cable assembly so that the adjusting nut (A) touches the bracket, and tighten the locknut (B).

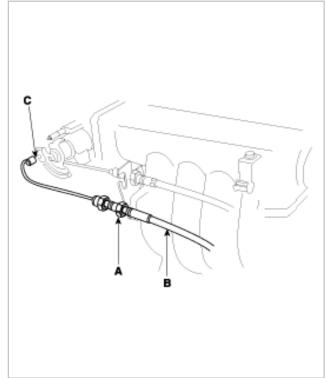


# REPLACEMENT

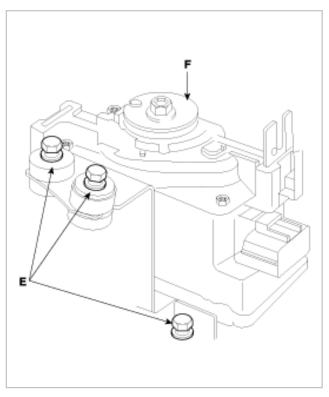
#### **CRUISE CONTROL UNIT AND CABLE**

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1. Loosen the locknuts(A) and disconnect the actuator cable (B) from the throttle linkage(C).

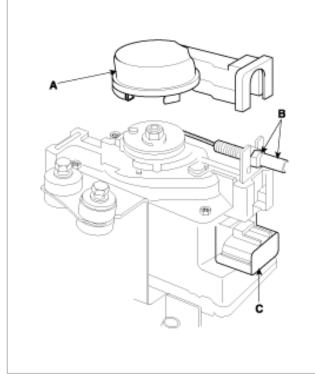


- 2. Disconnect the cruise control unit connector(D).
- 3. Loosen the three mounting bolts(E), and remove the cruise control unit with the bracket(F).



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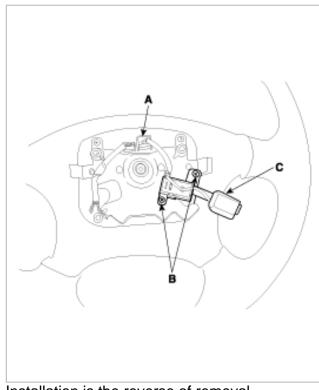
4. Loosen the locknuts(A) and disconnect the actuator cable(B) from the cruise control unit.



5. Installation is the reverse of removal.

# **CRUISE CONTROL SWITCH REPLACEMENT**

- 1. Disconnect the battery negative cable, then disconnect the positive cable, and wait at least three minutes.
- 2. Remove the driver's airbg (See page RT).
- 3. Disconnect the control switch connector(A).
- 4. Loosen the two mounting screws(B), and remove the cruise control switch.



5. Installation is the reverse of removal.

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6. Connect the battery positive cable and negative cable to the battery.