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





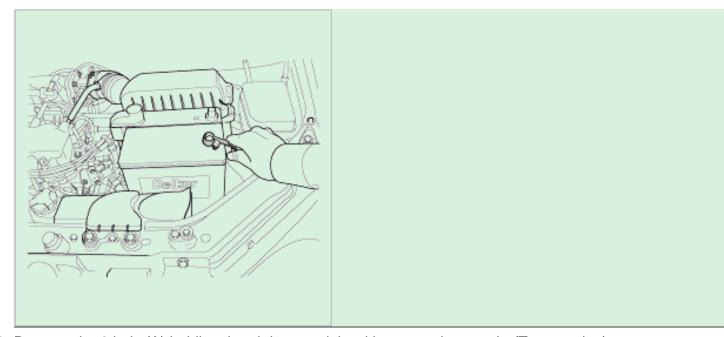
#### **REMOVAL**

#### CAUTION

- •Never attempt to disassemble or repair the air bag module or clock spring. If faulty, replace it.
- •Do not drop the air bag module or clock spring or allow contact with water, grease or oil. Replace if a dent, crack, deformation or rust are detected.
- •The air bag module should be stored on a flat surface and placed so that the pad surface is facing upward. Do not place anything on top of it.
- •Do not expose the air bag module to temperatures over 93°C (200°F).
- After deployment of an air bag, replace the clock spring with a new one.
- •Wear gloves and safety glasses when handling an air bag that has already been deployed.
- •An undeployed air bag module should only be disposed of in accordance with the procedures. mentioned in the Restraints section.
- •When you disconnect the air bag module-clock spring connector, take care not to apply excesive force to it.
- •The removed air bag module should be stored in a clean, dry place.
- •Prior to installing the clock spring, align the mating mark and "NEUTRAL" position indicator of the clock spring, and, after turning the front wheels to the straight-ahead position, install the clock spring to the column switch. If the mating mark of the clock spring is not properly aligned, the steering wheel may not completely rotate during a turn, or the flat cable within the clock spring may be severed, obstructing normal operation of the SRS and possibly leading to serious injury to the vehicle's driver. To inspect the clock spring, refer to the Restraints section.
- 1. Disconnect the negative battery terminal.

#### NOTE

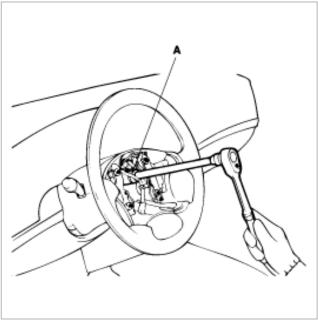
Prior to doing any further work after disconnection of the battery cable, wait at least 30 seconds.



2. Remove the 2 bolts(A) holding the air bag module with an asterix wrench. (Tor-x socket) Disconnect the horn connector and the air bag module connector, and remove the air bag module.



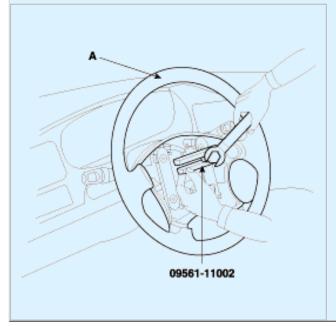
3. Remove the steering wheel after removing a nut(A).



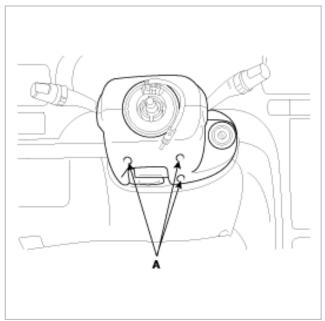
4. Align the steering shaft with wheel then remove the steering wheel using special tool (09561-11002).

#### CAUTION

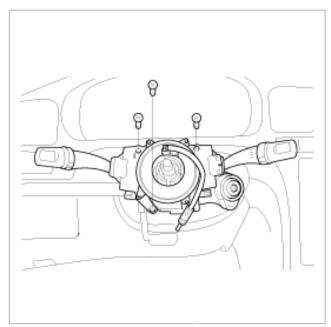
Do not hammer on the steering wheel to remove it; doing so may damage the collapsible mechanism.



5. Remove the steering column upper and lower shrouds after removing 3 screws(A).



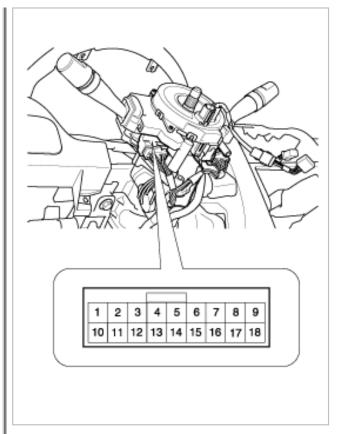
6. Remove the 3 screws holding the multi-function switch, then disconnect the wire connector. Remove the multi-function switch assembly.



7. Installation is the reverse of removal.

### INSPECTION

### **LIGHTING SWITCH INSPECTION**



# **LIGHTING SWITCH (CONNECTOR NO.: M01-2)**

| Terminal<br>Position | 14            | 15       | 16       | 17       |
|----------------------|---------------|----------|----------|----------|
| OFF                  |               |          |          |          |
| ı                    | 0             |          |          | _        |
| II                   | $\overline{}$ | <u> </u> | <u> </u> | <u> </u> |
| AUTO                 |               |          | 0        | _        |

# **DIMMER AND PASSING SWITCH (CONNECTOR NO.: M01-2)**

| Terminal<br>Position | 1                     | 2       | 10 | 11            |
|----------------------|-----------------------|---------|----|---------------|
| HU                   |                       | $\circ$ |    | 0             |
| HL                   |                       |         | 0  | $\overline{}$ |
| Р                    | $\overline{\bigcirc}$ | -0      |    | $\overline{}$ |

HU : Head lamp high beam HL : Head lamp low beam P : Head lamp passing switch

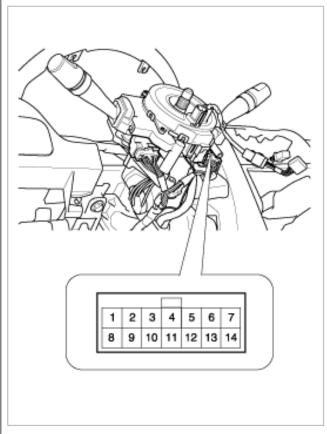
**TURN SIGNAL SWITCH (CONNECTOR NO.: M01-2)** 

| Terminal Hazard Turn signal switch |   | 7 | 8  | 9 |
|------------------------------------|---|---|----|---|
|                                    | L |   | 0— | 0 |
| OFF                                | N |   |    |   |
|                                    | R | 0 | -  |   |

# FRONT FOG LAMP SWITCH (CONNECTOR NO.: M01-2)

| Terminal Position | 12 | 13 |
|-------------------|----|----|
| OFF               |    |    |
| ON                | 0  |    |

### WIPER AND WASHER SWITCH INSPECTION



## WIPER SWITCH (CONNECTOR NO.: M01-1)

| Terminal<br>Position | 1 | 2 | 3 | 4 | 5 | 6 | 13         | 14       |
|----------------------|---|---|---|---|---|---|------------|----------|
| MIST                 |   |   |   | 0 | 0 |   |            |          |
| OFF                  |   | 9 | 9 |   |   |   |            |          |
| INT                  |   | 0 | 9 |   | 9 | 9 | <b>~</b> ⁄ | <b>⋄</b> |
| LOW                  |   | 9 |   |   | 0 |   |            |          |
| н                    | 0 |   |   |   | 0 |   |            |          |

**WASHER SWITCH (CONNECTOR NO.: M01-1)** 

| Terminal Position | 5 | 7 |
|-------------------|---|---|
| OFF               |   |   |
| ON                | 0 |   |

## **REAR WIPER & WASHER SWITCH (CONNECTOR NO.: M01-1)**

|                   |         |    |         | [5 doors] |
|-------------------|---------|----|---------|-----------|
| Terminal Position | 9       | 10 | 11      | 12        |
| Rear washer       | $\circ$ |    |         | —o        |
| OFF               |         |    |         |           |
| INT               |         |    | $\circ$ | —         |
| ON                |         | 0— |         | —         |
| Rear washer       | 0—      |    |         | —         |