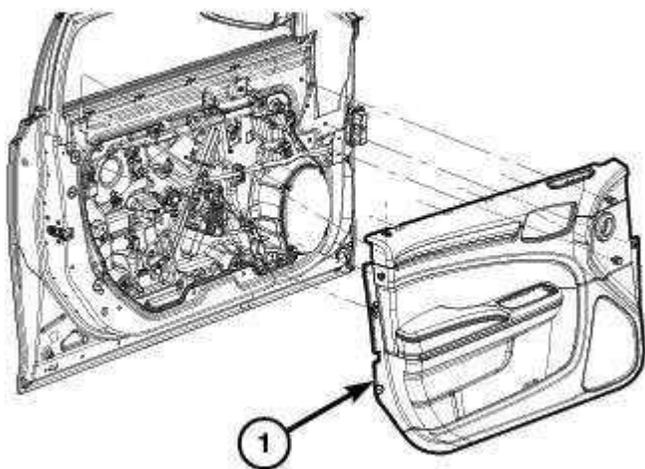


2932756

**Fig. 15: Defroster Grille**  
Courtesy of CHRYSLER GROUP, LLC

1. Disconnect the negative battery cable.
2. Remove the defroster grille (1). Refer to **GRILLE, DEFROSTER, REMOVAL** .
3. Remove the speaker mounting retainers.
4. Disconnect the electrical connector and remove the speaker.

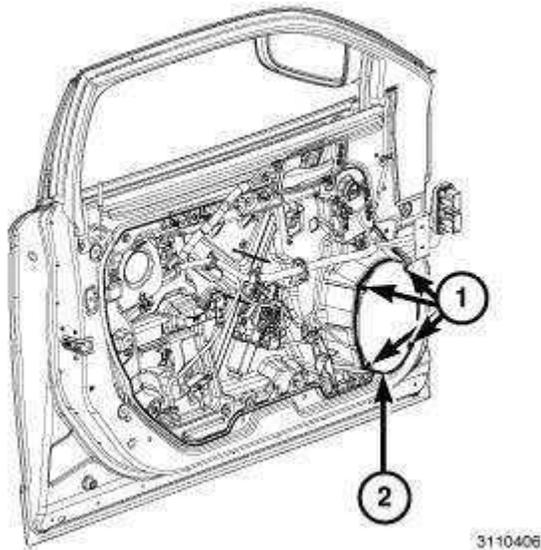
#### FRONT DOOR



3807249

**Fig. 16: Door Trim Panel**  
Courtesy of CHRYSLER GROUP, LLC

1. Disconnect the IBS/negative battery cable assembly to the negative battery post.
2. Remove the door trim panel (1). Refer to **PANEL, DOOR TRIM, REMOVAL** .



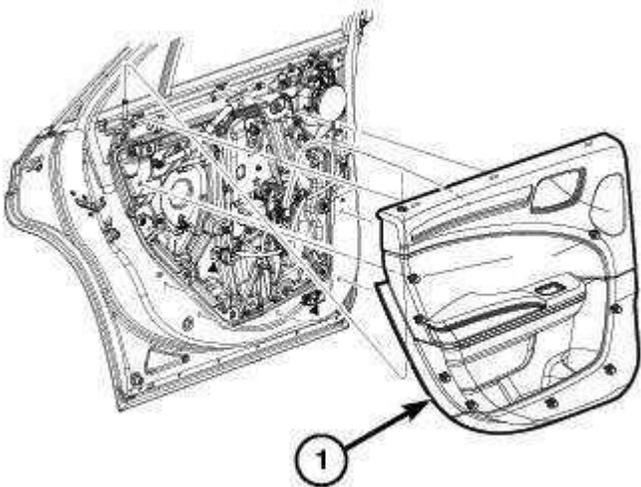
**Fig. 17: Speaker Retainers & Speaker (Front Door)**  
Courtesy of CHRYSLER GROUP, LLC

3. Remove the speaker retainers (1).

**NOTE:** Hold the speaker while disconnecting the speaker electrical connector.

4. Disconnect the speaker electrical connector from the speaker (2).
5. Remove the speaker from the door.

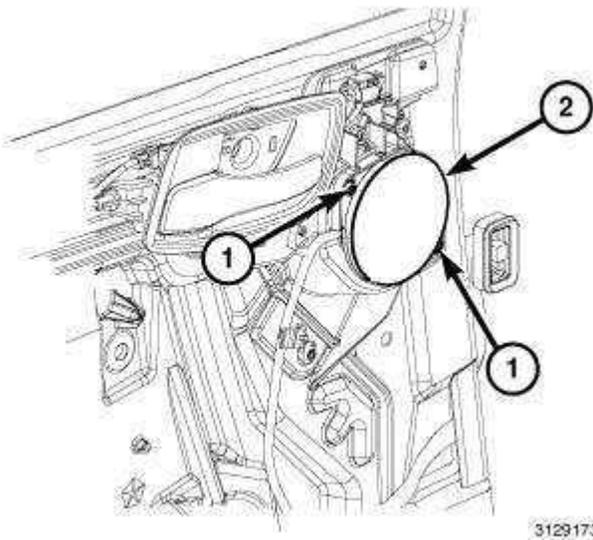
#### REAR DOOR



**Fig. 18: Door Trim Panel**  
Courtesy of CHRYSLER GROUP, LLC

1. Disconnect the IBS/negative battery cable assembly from the negative battery post.

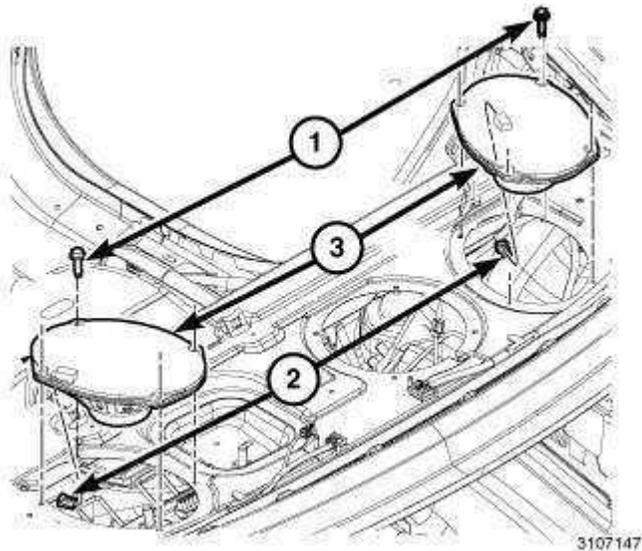
2. Remove the door trim panel (1). Refer to **PANEL, REAR DOOR TRIM, REMOVAL** .



**Fig. 19: Speaker Retainers & Speaker (Rear Door)**  
Courtesy of CHRYSLER GROUP, LLC

3. Remove the speaker retainers (1).
4. Disconnect the speaker electrical connector and remove the speaker (2).

#### REAR SHELF

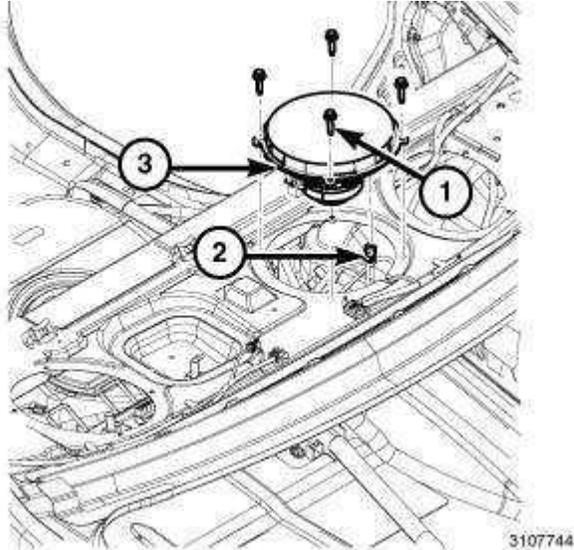


**Fig. 20: Speaker Retainers, Speaker Electrical Connector & Rear Shelf Speakers**  
Courtesy of CHRYSLER GROUP, LLC

**NOTE:** 6X9" shown in illustration, 6.5" and 3.5" Unity speaker similar.

1. Disconnect the negative battery cable.
2. Remove the rear shelf cover. Refer to **PANEL, REAR SHELF, REMOVAL** .
3. Remove the speaker retainers (1).
4. Disconnect the speaker electrical connector (2).
5. Remove the rear shelf speakers (3).

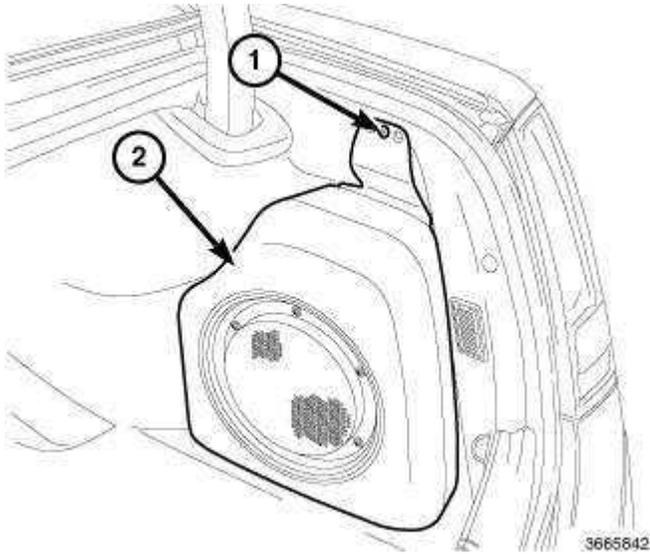
#### **SUBWOOFER - REAR SHELF**



**Fig. 21: Subwoofer, Retainers & Electrical Connector**  
Courtesy of CHRYSLER GROUP, LLC

1. Disconnect the negative battery cable.
2. Remove the rear shelf cover. Refer to **PANEL, REAR SHELF, REMOVAL** .
3. Remove the subwoofer retainers (1).
4. Disconnect the subwoofer electrical connector (2).
5. Remove the subwoofer (3).

#### **SUBWOOFER - BEATS™ BY DR. DRE™**

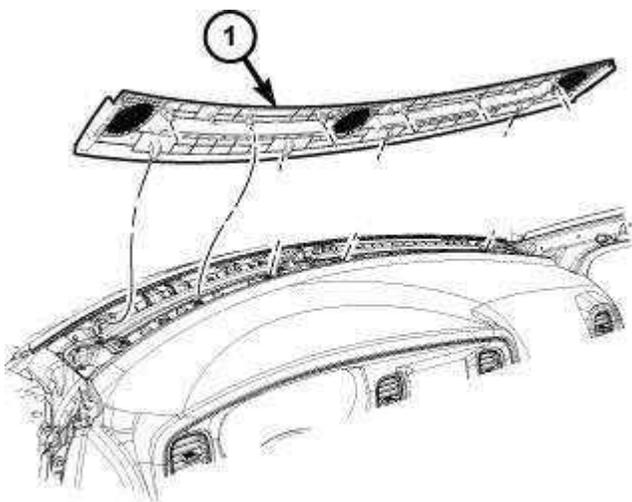


**Fig. 22: Subwoofer Mounting Retainer & Vehicle**  
Courtesy of CHRYSLER GROUP, LLC

1. Open the trunk lid.
2. Disconnect the negative battery cable.
3. Remove the subwoofer mounting retainer (1).
4. Disconnect the subwoofer electrical connector.
5. Remove the subwoofer from the vehicle (2).

## INSTALLATION

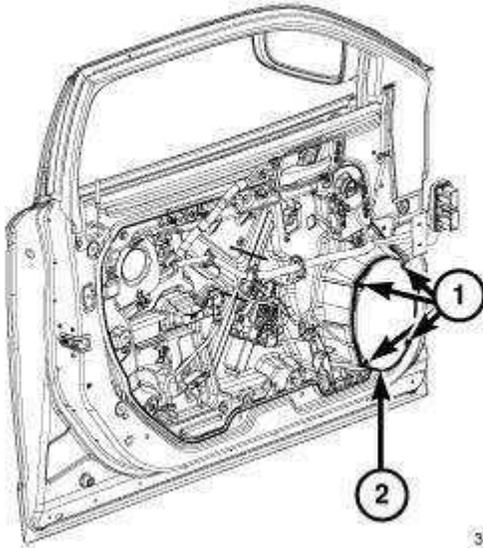
### INSTRUMENT PANEL



**Fig. 23: Defroster Grille**  
Courtesy of CHRYSLER GROUP, LLC

1. Connect the electrical connector to the speaker and position into the instrument panel.
2. Install the speaker mounting retainers.
3. Install the defroster grille (1). Refer to **GRILLE, DEFROSTER, INSTALLATION** .
4. Connect the negative battery cable.

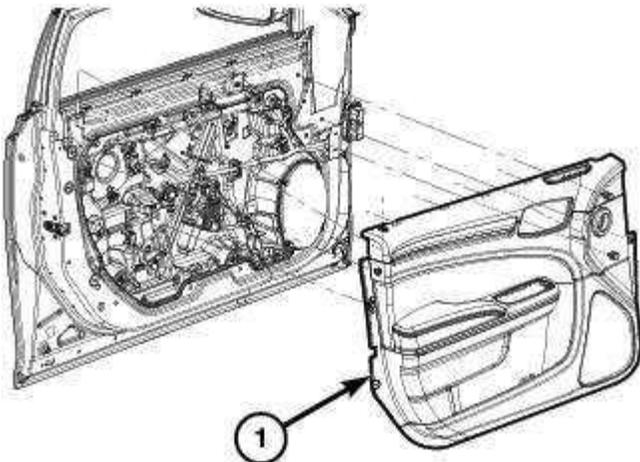
#### FRONT DOOR



**Fig. 24: Speaker Retainers & Speaker (Front Door)**  
Courtesy of CHRYSLER GROUP, LLC

**NOTE:** Hold the speaker while connecting the speaker electrical connector.

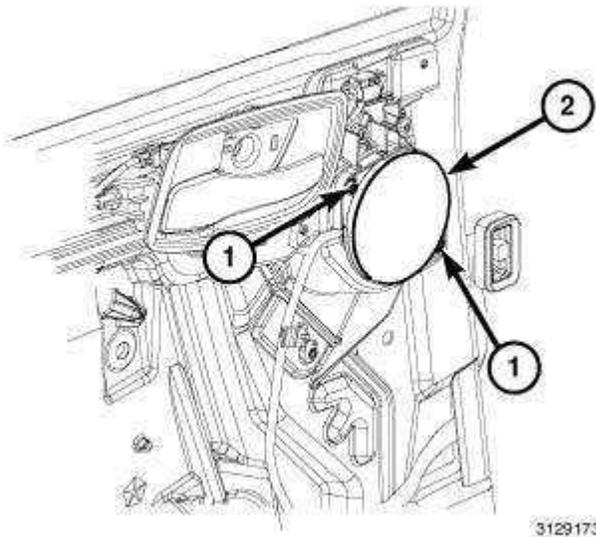
1. Connect the speaker electrical connector to the speaker.
2. Position the speaker (2) into the door and install the retainers (1).



**Fig. 25: Door Trim Panel**  
Courtesy of CHRYSLER GROUP, LLC

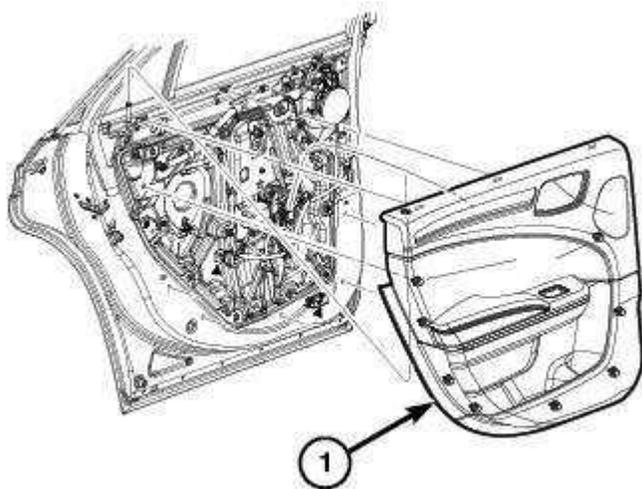
3. Install the door trim panel (1). Refer to **PANEL, DOOR TRIM, INSTALLATION**.
4. Connect the IBS/negative battery cable assembly to the negative battery post.

#### REAR DOORS



**Fig. 26: Speaker Retainers & Speaker (Rear Door)**  
Courtesy of CHRYSLER GROUP, LLC

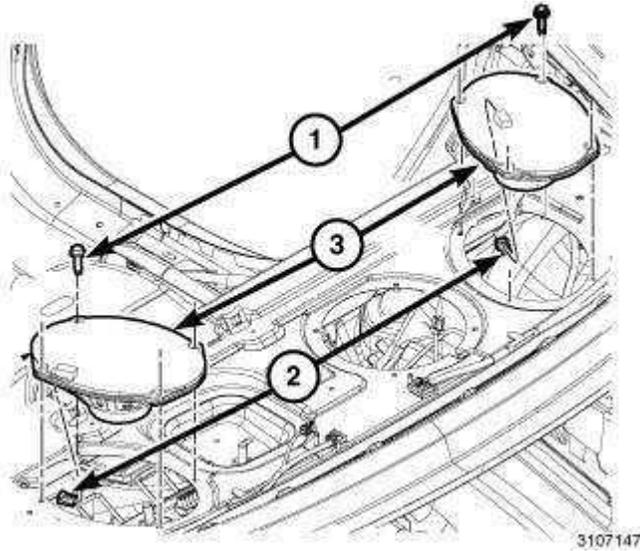
1. Connect the speaker electrical connector.
2. Position the speaker (2) into the door and install the speaker retainers (1).



**Fig. 27: Door Trim Panel**  
Courtesy of CHRYSLER GROUP, LLC

3. Install the door trim panel (1). Refer to **PANEL, REAR DOOR TRIM, INSTALLATION** .
4. Connect the IBS/negative battery cable assembly to the negative battery post.

#### REAR SHELF

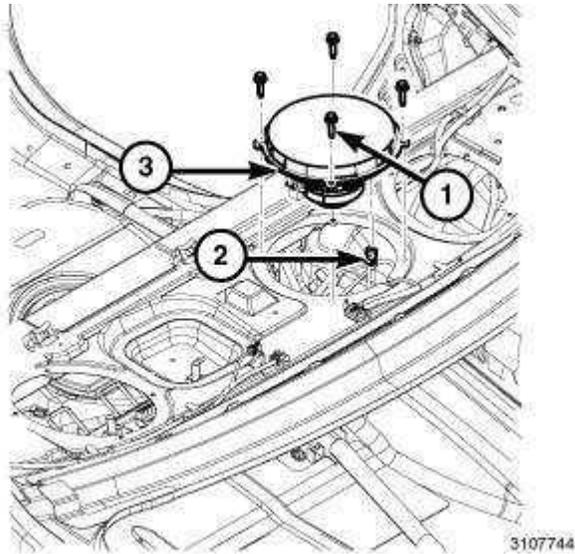


**Fig. 28: Speaker Retainers, Speaker Electrical Connector & Rear Shelf Speakers**  
Courtesy of CHRYSLER GROUP, LLC

**NOTE:** 6X9" shown in illustration, 6.5" and 3.5" Unity speaker similar.

1. Connect the speaker electrical connector (2).
2. Position speaker (3) into the rear shelf.
3. Install the speaker retainers (1).
4. Install the rear shelf cover. Refer to **PANEL, REAR SHELF, INSTALLATION** .
5. Connect the negative battery cable.

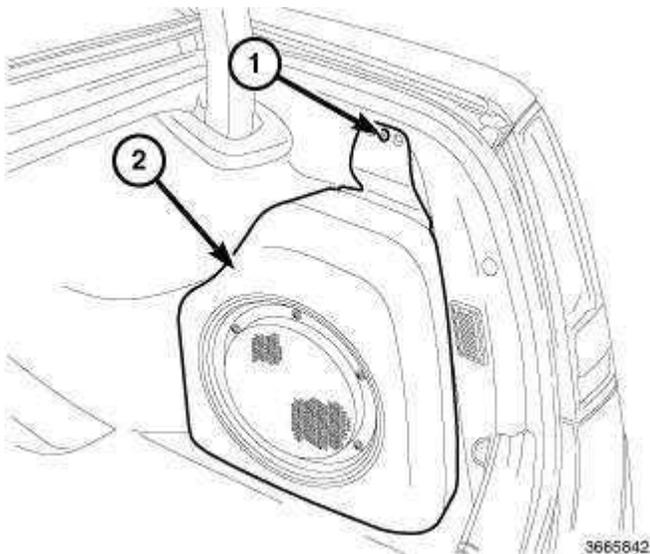
#### SUBWOOFER - REAR SHELF



**Fig. 29: Subwoofer, Retainers & Electrical Connector**  
 Courtesy of CHRYSLER GROUP, LLC

1. Connect the subwoofer electrical connector (2).
2. Position the subwoofer (3) into the rear shelf.
3. Install the subwoofer retainers (1).
4. Install the rear shelf cover. Refer to **PANEL, REAR SHELF, INSTALLATION** .
5. Connect the negative battery cable.

**SUBWOOFER - BEATS™ BY DR. DRE™**



**Fig. 30: Subwoofer Mounting Retainer & Vehicle**  
 Courtesy of CHRYSLER GROUP, LLC

1. Position the subwoofer (2) to the right side of the truck area and connect the subwoofer

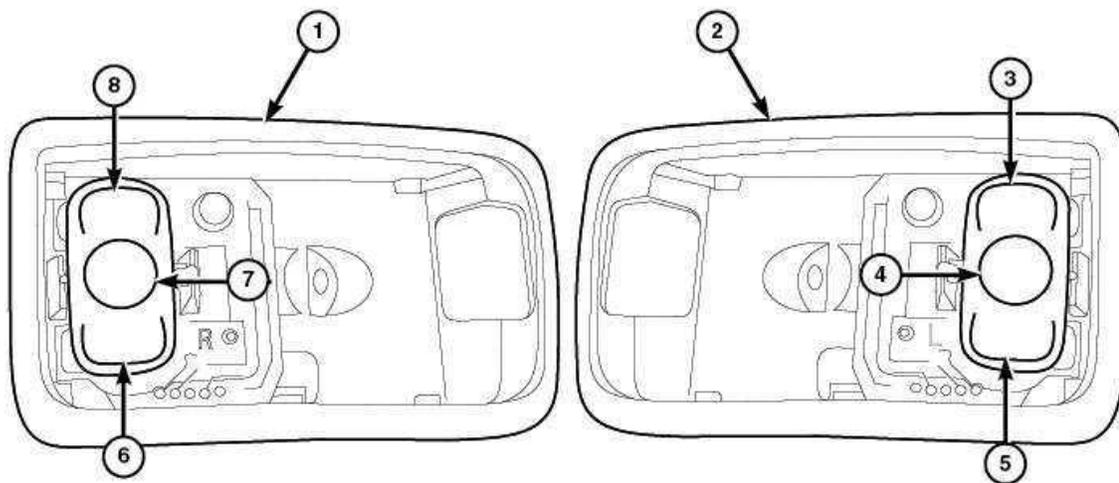
electrical connector.

2. Install the subwoofer mounting retainer (1).
3. Connect the negative battery cable.
4. Close the trunk lid.

## SWITCH, REMOTE RADIO

### DESCRIPTION

#### REMOTE RADIO SWITCH WITHOUT PADDLE SHIFT



3647162

**Fig. 31: Remote Radio Switches**  
Courtesy of CHRYSLER GROUP, LLC

The remote radio switches are mounted to the back of the steering wheel. Each switch consists of a remote radio switch and a paddle shift switch.

The right switch (1) consists of the following functions:

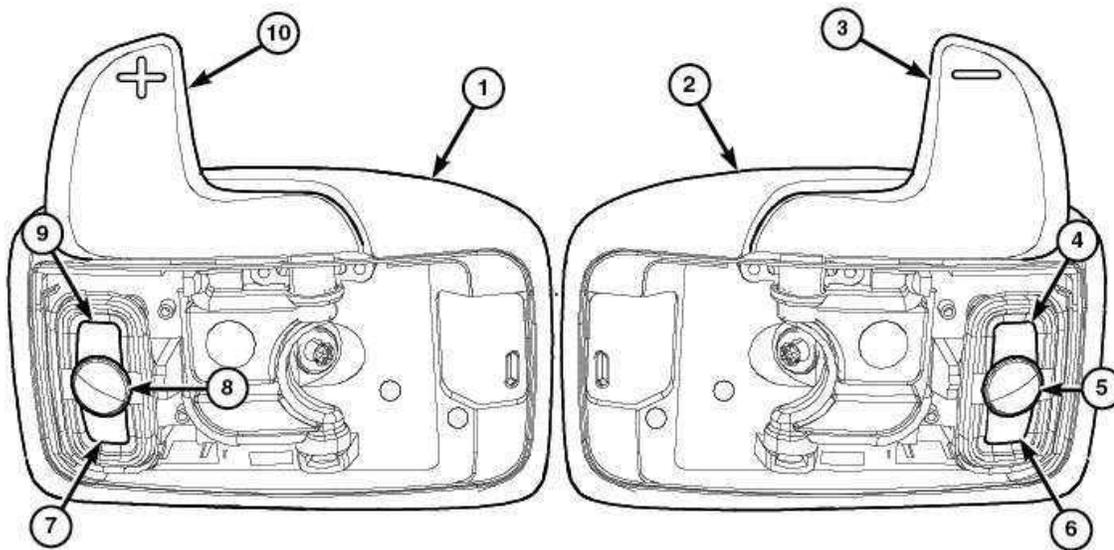
- Volume "UP" (8)
- Mode (7)
- Volume "DOWN" (6)

The left switch (2) consists of the following functions:

- Seek "UP" (3)
- Preset (4)
- Seek "DOWN" (5)

For information on the operation of the remote radio and paddle shift switches. Refer to **SWITCH, REMOTE RADIO, OPERATION.**

**REMOTE RADIO SWITCH WITH PADDLE SHIFT**



3646991

**Fig. 32: Remote Radio Switches**  
 Courtesy of CHRYSLER GROUP, LLC

The remote radio switches are mounted to the back of the steering wheel. Each switch consists of a remote radio switch and a paddle shift switch.

The right switch (1) consists of the following functions:

- Upshift switch (paddle shift) (10)
- Volume "UP" (9)
- Mode (8)
- Volume "DOWN" (7)

The left switch (2) consists of the following functions:

- Downshift switch (paddle shift) (3)
- Seek "UP" (4)

- Preset (5)
- Seek "DOWN" (6)

For information on the operation of the remote radio and paddle shift switches. Refer to **SWITCH, REMOTE RADIO, OPERATION.**

## **OPERATION**

### **REMOTE RADIO SWITCH WITHOUT PADDLE SHIFT**

The six switches (back of steering wheel spokes) in the two remote radio switch units are normally open, resistor multiplexed momentary switches that are hard wired to the right steering wheel switch (speed control switch). The right steering wheel switch (speed control switch) provides a five volt signal and return circuit to the switches. Both switches share the signal and return circuits. The right steering wheel switch (speed control switch) senses the status of the switches by reading the voltage drop of the signal circuit.

When the right steering wheel switch (speed control switch) senses an input (voltage drop) from any one of the remote radio switches, it communicates the switch status message to the Steering Column Control Module (SCCM) via the LIN Bus (through the clockspring). The SCCM then broadcasts switch status information over the CAN Bus to the audio system. The electronic circuitry within the audio system is programmed to respond to these remote radio switch status messages by adjusting the audio settings as requested.

For the removal procedure. Refer to **SWITCH, REMOTE RADIO, REMOVAL.**

### **REMOTE RADIO SWITCH WITH PADDLE SHIFT**

### **REMOTE RADIO SWITCHES**

The six switches (back of steering wheel spokes) in the two remote radio switch units are normally open, resistor multiplexed momentary switches that are hard wired to the right steering wheel switch (speed control switch). The right steering wheel switch (speed control switch) provides a five volt signal and return circuit to the switches. Both switches share the signal and return circuits. The right steering wheel switch (speed control switch) senses the status of the switches by reading the voltage drop of the signal circuit.

When the right steering wheel switch (speed control switch) senses an input (voltage drop) from any one of the remote radio switches, it communicates the switch status message to the Steering Column Control Module (SCCM) via the LIN Bus (through the clockspring). The SCCM then broadcasts switch status information over the CAN Bus to the audio system. The electronic circuitry within the audio system is programmed to respond to these remote radio switch status messages by adjusting the audio settings as requested.

### **PADDLE SHIFTERS**

The paddle shifters in the two remote radio switch units are normally open, resistor multiplexed

momentary switches that are hard wired to the right steering wheel switch (speed control switch). The right steering wheel switch (speed control switch) provides a five volt signal and return circuit to the switches. Both switches share the signal and return circuits. The right steering wheel switch (speed control switch) senses the status of the switches by reading the voltage drop of the signal circuit.

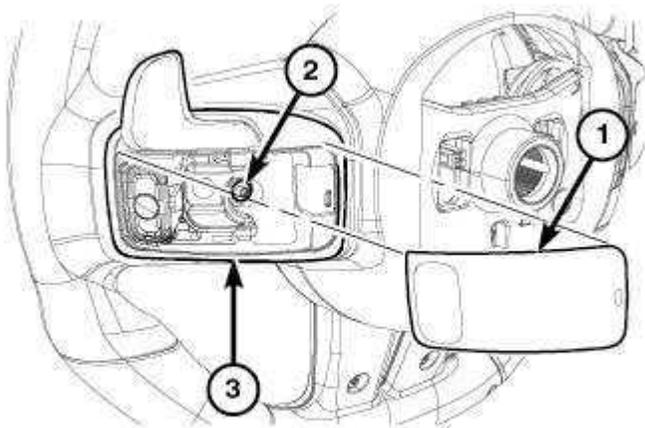
When the right steering wheel switch (speed control switch) senses an input (voltage drop) from any one of the paddle shifters, it communicates the switch status message to the steering column control module (SCCM) via the LIN Bus (through the clockspring). The SCCM then broadcasts switch status information over the CAN Bus to the transmission control module (TCM) communicating driver request for transmission upshift or downshift.

For the removal procedure. Refer to **SWITCH, REMOTE RADIO, REMOVAL**.

## REMOVAL

### REMOVAL

**WARNING:** To avoid serious or fatal injury on vehicles equipped with airbags, disable the Supplemental Restraint System (SRS) before attempting any steering wheel, steering column, airbags, airbag curtains, knee blocker, seat belt tensioner, impact sensor or instrument panel component diagnosis or service. Disconnect the IBS/negative battery cable assembly from the negative battery post, then wait two minutes for the system capacitor to discharge before performing further diagnosis or service. This is the only sure way to disable the SRS. Failure to take the proper precautions could result in accidental airbag deployment.



3648319

**Fig. 33: Paddle Shift Unit Cover, Paddle Shift Unit Retainer & Paddle Shift Unit**  
Courtesy of CHRYSLER GROUP, LLC

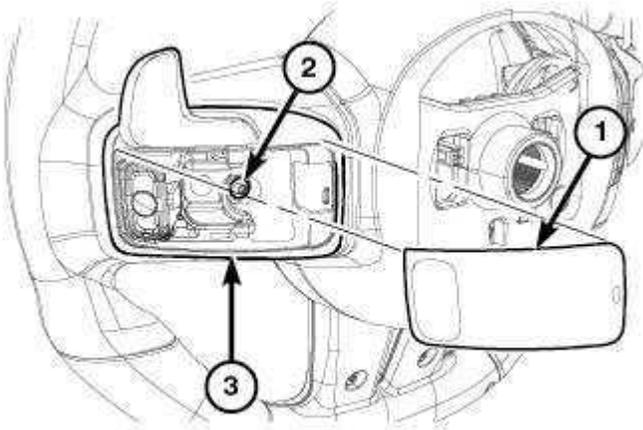
**NOTE:** With paddle shift shown in illustration, without paddle shift similar.

1. Disconnect the IBS/negative battery cable assembly from the negative battery post.
2. From the back of the steering wheel, remove the remote radio switch with paddle shift unit cover (1).
3. Remove the remote radio switch with paddle shift unit retainer (2).
4. Gently remove the remote radio switch with paddle shift unit (3) from the steering wheel.

## INSTALLATION

### INSTALLATION

**WARNING:** To avoid serious or fatal injury on vehicles equipped with airbags, disable the Supplemental Restraint System (SRS) before attempting any steering wheel, steering column, airbags, airbag curtains, knee blocker, seat belt tensioner, impact sensor or instrument panel component diagnosis or service. Disconnect the IBS/negative battery cable assembly from the negative battery post, then wait two minutes for the system capacitor to discharge before performing further diagnosis or service. This is the only sure way to disable the SRS. Failure to take the proper precautions could result in accidental airbag deployment.



3648319

**Fig. 34: Paddle Shift Unit Cover, Paddle Shift Unit Retainer & Paddle Shift Unit**  
Courtesy of CHRYSLER GROUP, LLC

**NOTE:** With paddle shift shown in illustration, without paddle shift similar.

**NOTE:** Verify that the remote radio switch with paddle shift unit connector lines up with steering wheel connector before fully seating switch.

1. Install the remote radio switch with paddle shift unit to the back of the steering wheel.
2. Install the remote radio switch with paddle shift unit retainer (2).

Tighten retainer to 1.22 N.m (11 in. lbs.).

3. Install the remote radio switch with paddle shift unit cover (1), be sure that the cover is snapped securely in place.
4. Connect the IBS/negative battery cable assembly to the negative battery post.