



Kit Contents:

| Item # | Qty. | Component Description |
|--------|------|-----------------------|
| 1 | 2 | Monitor Assembly |
| 2 | 2 | Remote Control |
| 3 | 1 | Cables # 3 |
| 4 | 1 | Metal Wire Puller |
| 5 | 1 | Power Cord # 9 |
| 6 | 1 | Owners Manual |
| 7 | 2 | IR Headphones |
| 8 | 8 | AAA Batteries |
| 9 | 1 | Control Box |
| 10 | 1 | FM Antenna |
| 11 | 1 | Hardware Bag |
| 12 | 4 | Post Caps |

Color Applicability/ Trim Level:

| Vehicle Trim Color | Accessory Color | Black | Grey | Ash | Cognac | Savana | Macadamia | Cashmere | Sahara |
|--------------------|-----------------|-------|------|-----|--------|--------|-----------|----------|--------|
| Black | | X | | | | | | | |
| Grey | | | X | | | | | | |
| Ash | | | | X | | | | | |
| Cognac | | | | | X | | | | |
| Savana | | | | | | X | | | |
| Macadamia | | | | | | | X | | |
| Cashmere | | | | | | | | X | |
| Sahara | | | | | | | | | X |

Hardware Bag Contents:

| Item # | Qty. | Component Description |
|--------|------|-----------------------|
| 1 | 1 | 4" X 8" Foam Tape |
| 2 | 2 | Red T-Taps |
| 3 | 2 | 11" Wire Ties |
| 4 | 12 | 6" Wire Ties |

General Applicability:

| |
|--|
| |
|--|

Additional Items Required For Installation:

| Item # | Qty. | Component Description |
|--------|------|-----------------------|
| 1 | | Electrical Tape |
| 2 | | Masking Tape |

Recommended Tools:

| Safety Tools | |
|---------------------------|------------------|
| Seat/ Floor Covers | Blankets |
| Special Tools | |
| None | |
| Installation Tools | |
| Straight Pick | T 20 Torx Driver |
| Wire Cutters | |
| Special Chemicals | |
| None | |

LEGEND:

STOP: Damage to the vehicle may occur. Do not proceed until process has been complied with.

OPERATOR SAFETY: Use caution to avoid risk of injury.

CRITICAL PROCESS: Proceed with caution to ensure a quality installation. These points will be audited on a completed vehicle installation.

TOOLS & EQUIPMENT: This calls out the specific tools and equipment required for this process.

REVISION MARK: This mark highlights a change in installation with respect to previous issue.

INSTRUCTION/ INSTALLATION NOTES:

After **Safety** mandated preparatory steps have been taken, the installation sequence is the suggested method for completing the accessory installation.

When prying panels, use masking tape on all surfaces that a tool may come in contact with to prevent marring.

After a wire tie is fully fastened, cleanly cut excess wire tie length with a pair of wire cutters.

The wiring information is on an "as is" basis without any representation or warranty. It is the installer's responsibility to verify any circuit before interfacing with it using a digital multimeter.

Manufacturer's service documents can be used for any vehicle disassembly that may be depicted differently from what the instruction states.

Use Wiring Diagram on last page of document to clarify cable or component names.

If technical support is required, please contact Advent Technical Support at 1-800-323-4815.

A. Pre-Installation Precaution




1. Use Seat and Floor protectors to avoid damage to surfaces.




Disconnecting the battery prior to any ground or harness removal/ tapping to prevent possible vehicle damage is recommended. The battery may be temporarily reconnected and disconnected throughout the installation process to perform various tasks. However prior to doing so all connectors and harnesses must be reassembled and reconnected. Once tasks are completed disconnect battery until installation is complete and DVD system is ready to be tested. After testing, the vehicles interior may be re-assembled. If the vehicle is equipped with an Anti-theft radio, the code must be written down prior to disconnecting the battery cable. The code must be re-entered when the negative battery cable is re-installed. Disconnecting the battery may cause certain vehicle settings to be lost. Manufacturer's recommendations for the battery removal should be followed.

B. Vehicle Disassembly

1. Using a straight pick remove the screw cover from the lumbar adjustment handle.

(Figure B1) 

2. Remove (1) screw using a T-20 Torx driver.

(Figure B2) 

3. By hand pull the lumbar adjustment handle toward the passenger side of vehicle to remove.

(Figure B3)

4. Remove (2) screws from the lower side of the seat back cover using a T-20 Torx driver.


(Figure B4) 

Figure B1



Figure B2



Figure B3



Figure B4



5. By hand pull inboard side of seat panel away from seat to clear lumbar adjustment gear. Push panel toward floor to clear plastic catches located near top of seat panel then rotate top of panel toward rear of vehicle while pulling up to remove.

(Figure B5)

6. At the lower ends of the headrest posts remove spring steel retainer clips by hand. (Figure B6)

7. Carefully disconnect electrical connector from headrest post. (Figure B7)



8. Pull upwards on headrest to release posts from the drive mechanism. (Figure B8)

9. Remove headrest from vehicle.

10. Release J-clips holding seat material to top side of seat frame. (Figure B10)

Figure B5



Figure B6

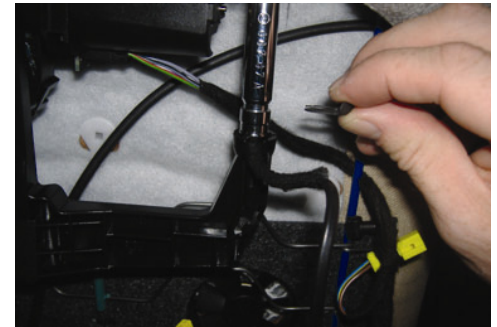


Figure B7

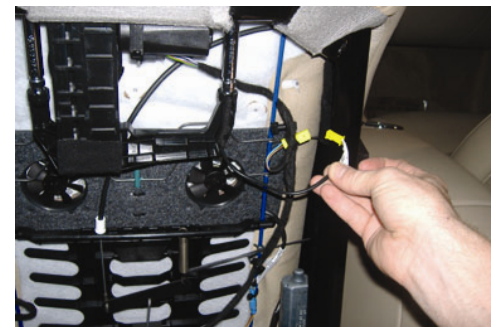


Figure B8

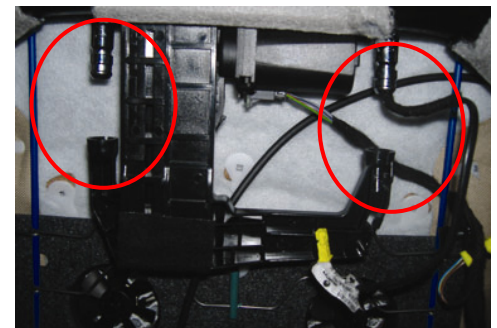


Figure B10



11. Release all (4) fabric catch tabs from the bottom of the seat. (Figure B11)

12. By hand squeeze selected area toward center of vehicle as noted in figure B11a. At the same time pull up on sleeve to remove from seat.

(Figure B12a-b)

C. Route Headrest Wiring

1. Route cables # 1A and # 2A into left post opening of driver's side seat. Then direct them below the cushion material about 1 ½" toward the center of the seat to the hole located in the sheet metal frame. (Figure C1a-b)

Figure B11



Figure B12a



Figure B12b

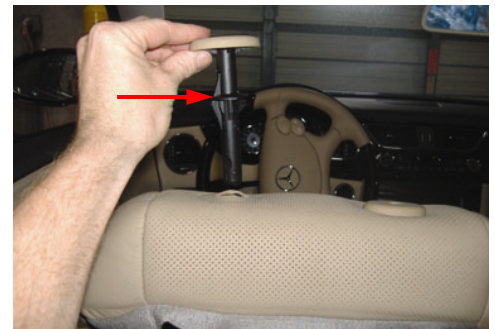


Figure C1a



Figure C1b



2. Pull cable slack through to bottom of seat. As slack is removed place post sleeve back into seat.

(Figure C2)

3. Place the monitor/ bracket assembly beside the post sleeves. Gently press bracket down against the top of seat. Slide assembly sideways allowing the bottom of the bracket to slide under the post sleeves.

(Figure C3a-b)

4. Slide post caps over coupler until post insert locks into factory post hole. (Figure C4)

5. Re-insert the factory headrest. The holes in the assembly will line up to allow the headrest to back into its factory position. Lock the headrest into the drive mechanism. Reconnect the electrical connector and replace the retainer clips.

(Figure C5)

Figure C2



Figure C3a



Figure C3b



Figure C4



Figure C5



6. Route the headrest cables to the bottom outboard side of the seat. Cables will exit in front of horizontal seat beam just above fabric. Factory cables also exit at the same location. (Figure C6)

7. Continue to route cable to the underside of seat above support beam following the factory wiring. (Figure C7)

8. Once cables are under the seat make sure to stay above and in front of the power seat motor bracket. (Figure C8)

9. These cables will need to be secured with wire ties to factory wiring/ brackets once cables # 3 are routed and attached to them.

10. Once installation is complete cycle the seat to the front, back, up, and down to check for cable is clear of all moving parts and that there is appropriate cable slack.

11. Final monitor installation as shown. (Figure C9)

Figure C6



Figure C7

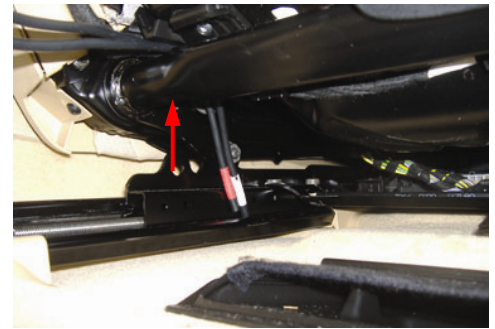


Figure C8

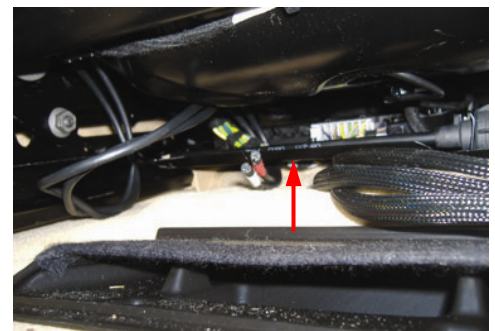


Figure C9



Functional Verification:**Check:**

Accessory Function checks:

Turn vehicle ignition to ON, depress power button on each headrest monitor.

Insert DVD into monitor, press enter.

Listen with wireless headphones (be sure to set to channel "A" to listen to monitor "A" and channel "B" to listen to monitor "B").

Depress "eject" button.

Select Sound Around button on remote to turn on the FM transmitter. Turn on vehicle radio and set station to station selected on FM transmitter.

Look For:

Monitor should power on, start up screen should appear onscreen.

DVD should begin playing

Audio should be heard through vehicle headphones.

Disc should eject.

Audio from monitor "A" should be heard through vehicle speakers.

Video Entertainment System Troubleshooting Hints

Schematic Reference: Video System Schematics

•Many conditions that affect video system operation may be corrected without removing the DVD Headrest Assembly or the DVD Control Box Assembly. Make sure to understand all features of system operation before beginning the diagnosis of the system. Verify the condition and follow the diagnostic procedures in order to isolate and correct the condition.

•Be sure the vehicle battery is fully charged before beginning video entertainment system diagnosis

Video or Audio Distortion

The manufacturing process for producing DVD's does not have the same quality control processes in place that compact disk manufacturing does. If there are video or audio quality problems with an individual DVD, try playing that disk in another DVD player. If the quality is poor for both players, return the disk to the place of purchase and request an exchange. If the quality problem is only seen in one of the players, examine the disk for scratches, dirt, or smudges and attempt to clean the disk with one of the disk cleaning systems that are commercially available.

Video or audio distortion during auxiliary playback can often be attributed to the DC to AC inverter that is used to power the auxiliary device. The power inverters tend to introduce noisy signals into the vehicle electrical system.

DVD Player Inoperative (Power LED Not Illuminated)

Important: The following information lists the most probable cause of the concern to the least probable cause followed by the appropriate test for that condition.

1. The ignition is not turned on. Turn the ignition on.
2. DVD Jumper Harness not connected to vehicle. Verify Accessory Power and Ground.
3. DVD Jumper Harness not connected to Power Cord #9. Verify Accessory Power and Ground.
4. Cable 1A (Red Cable) not connected to Cable 3A (if not receiving power to Monitor A – Driver Side) or Cable 1B (Black Cable) not connected to Cable 3B (if not receiving power to Monitor B – Passenger Side). Make sure cables are connected.
5. Cable 3A (if not receiving power to Monitor A – Driver Side) not connected to Control Box or Cable 3B (if not receiving power to Monitor B – Passenger Side) not connected to Control Box. Make sure cables are connected.
6. Power Cord #9 is not connected to Control Box.
7. Check for power at end of Power Cord #9 (white connector 3-way) at Control Box. If power at Control Box – Replace the Control Box.
8. Remove monitor that is not receiving power. Check power at Red Connector (Monitor A – Driver Side) or power at Black Connector (Monitor B – Passenger Side). If power and ground verified at connectors, replace the DVD Electronics (Monitor).

DVD Player Inoperative (Power LED Illuminated)

Important: The following information lists the most probable cause of the concern to the least probable cause followed by the appropriate test for that condition.

1. The DVD Player is not turned on. Press the Power Button to turn unit on.
2. Press the play button. If no disc in unit, NO DISC message appears on display.
3. Insert Disc. If unit does not accept disc, replace the DVD Electronics (Monitor).

DVD Display Inoperative (LEDs Illuminate but No Video)

Important: The following information lists the most probable cause of the concern to the least probable cause followed by the appropriate test for that condition.

1. Verify that the correct source is selected. Monitor A or Monitor B should appear in the upper right hand corner of display.
2. Cable 2A (White Cable) not connected to Cable 3A (if no display on Monitor A – Driver Side) or Cable 2B (Blue Cable) not connected to Cable 3B (if no display on Monitor B – Passenger Side). Make sure cables are connected.
3. Cable 3A (if not receiving power to Monitor A – Driver Side) not connected to Control Box or Cable 3B (if not receiving power to Monitor B – Passenger Side) not connected to Control Box.
4. Remove monitor that is not receiving video. Verify that connectors are connected to the Monitor. If no video displayed, replace the DVD Electronics (Monitor).

Cannot Hear Audio Through Vehicle Speakers(FM Transmitter Inoperative)

Important: The following information lists the most probable cause of the concern to the least probable cause followed by the appropriate test for that condition.

1. FM Transmitter not turned on. Turn on FM Transmitter using the Remote Control. Press the DVD Button (A) on the Remote Control to control Monitor A – Driver Side Headrest. Press the Sound Around On/Off Button. “CH On” should appear on Monitor A display.
2. Radio and DVD Unit are not set to the same FM Frequency. Press the Sound Around Select button to select a frequency (88.3 MHz, 88.7 MHz, 89.1 MHz, 89.5 MHz, 89.9 MHz, or 90.3 MHz). The frequency should appear on Monitor A display in upper right hand corner. Tune the Radio to the frequency selected. If no DVD audio over speakers, verify audio by selecting another radio frequency. Replace the DVD Control Box.

Video Entertainment System Wireless Headphone Inoperative

Important: The following information lists the most probable cause of the concern to the least probable cause followed by the appropriate test for that condition.

1. Volume control on the wireless headphone set is turned all the way down. Adjust the volume control on the headphones.
2. Incorrect Channel Selected. To hear audio from Monitor A– Driver Side select Channel A. To hear audio from Monitor B – Passenger Side select Channel B.
3. Dead batteries or batteries placed incorrectly in the wireless headphone set. Turn on power to the headphone set. If the headset indicator does not turn on; place batteries in correctly or replace the batteries in the headset as needed.
4. Make sure headphone is in line of sight and no obstructions of the Monitor being listened from.
5. Faulty headphone set. Test the operation of the system using a known good headphone set. If operation is OK, replace the faulty headphone set.
6. Inoperative infrared transmitter in the (DVD) Monitor (s)--Replace the DVD Electronics.

Video Entertainment System Remote Control Inoperative

The buttons on the video remote control do not operate the video disc player but the buttons on the DVD Headrest Monitor Control Panel operate normally.

Important: The following information lists the most probable cause of the concern to the least probable cause followed by the appropriate test for that condition.

1. Press DVD A button to control Monitor A or press DVD B button to control Monitor B.
2. Dead batteries or batteries placed incorrectly in the video remote control. Place batteries in correctly or replace the dead batteries as needed.
3. Faulty remote control. Test the operation of the system using a known good remote control. If operation is OK, replace the faulty remote control.
4. Inoperative infrared transmitter in the (DVD) Monitor (s)--Replace the DVD Electronics.

Wiring Diagram

