2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

### 2003-06 ACCESSORIES & EQUIPMENT

Seats - MDX

# **COMPONENT LOCATION INDEX**

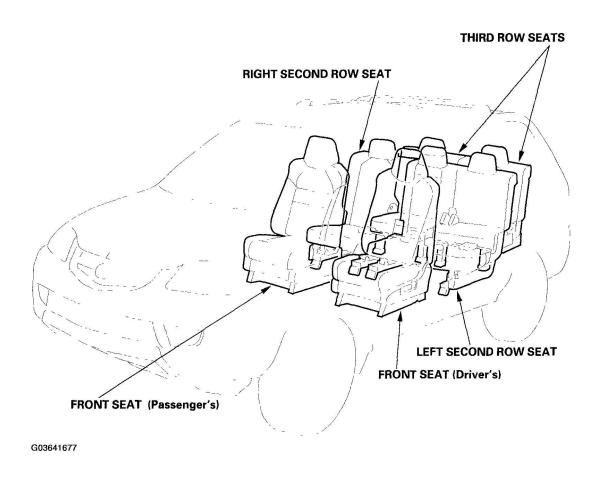


Fig. 1: Locating Seats Components
Courtesy of AMERICAN HONDA MOTOR CO., INC.

# FRONT SEAT REMOVAL/INSTALLATION

# **Special Tools Required**

KTC trim tool set SOJATP2014

SRS components are located in this area. Review the

SRS component locations for the appropriate model:

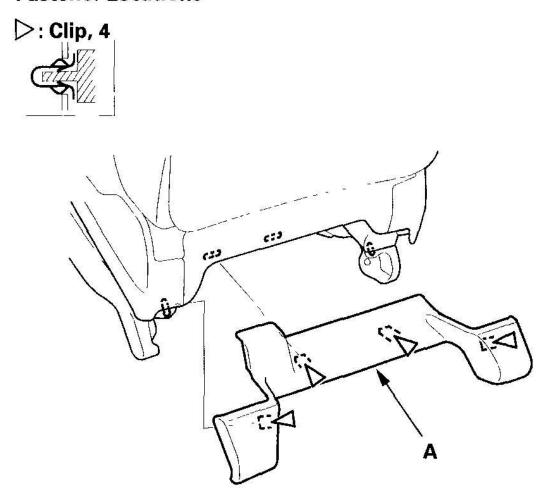
• '03 model (see **2003 MODEL**)

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• '04-06 models (see **2004-2006 MODELS** )

Also review the precautions and procedures (see <u>PRECAUTIONS AND PROCEDURES</u>) before performing repairs or service.

- Use the appropriate tool from the KTC trim tool set to avoid damage when prying components.
- Take care not to scratch the body or tear the seat covers.
- Put on gloves to protect your hands.
- 1. Make sure you have the anti-theft code for the radio and the navigation system, and then write down the radio station and XM radio channel presets.
- 2. Slide the seat all the way forward to access the rear riser cover.
- 3. Driver's seat: Detach the clips, then remove the rear riser cover (A).



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Fig. 2: Removing Rear Riser Cover (Driver's Seat)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Passenger's seat: Detach the clips, then remove the rear riser cover (A). The 8-way power seat is shown, the manual seat is similar.

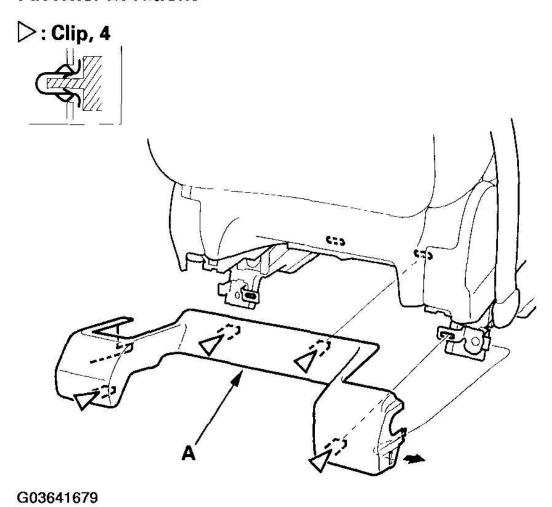


Fig. 3: Removing Rear Riser Cover (Passenger's Seat) Courtesy of AMERICAN HONDA MOTOR CO., INC.

- 5. Remove the passenger's seat belt lower anchor bracket (see step 6 in **FRONT SEAT BELT REPLACEMENT** ).
- 6. Slide the seat to the rear, about halfway to access the front riser cover. If equipped with an 8-way power seat, fully raise the seat.
- 7. Driver's seat: Detach the clips, then remove the front riser cover (A).

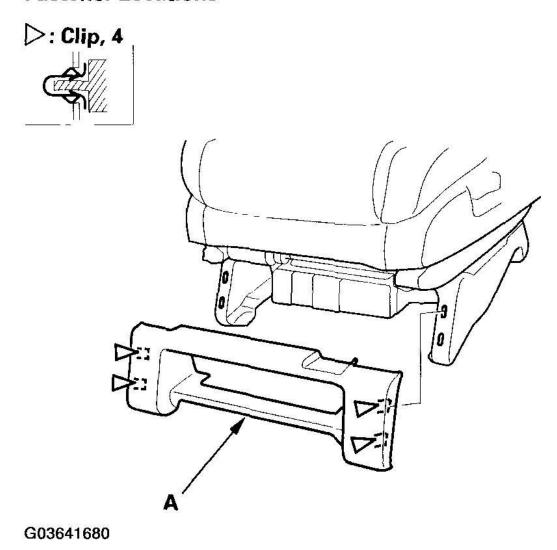


Fig. 4: Removing Front Riser Cover (Driver's Seat)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

8. Passenger's seat: Release the tabs (A), and detach the clips, then remove the front riser cover (B).

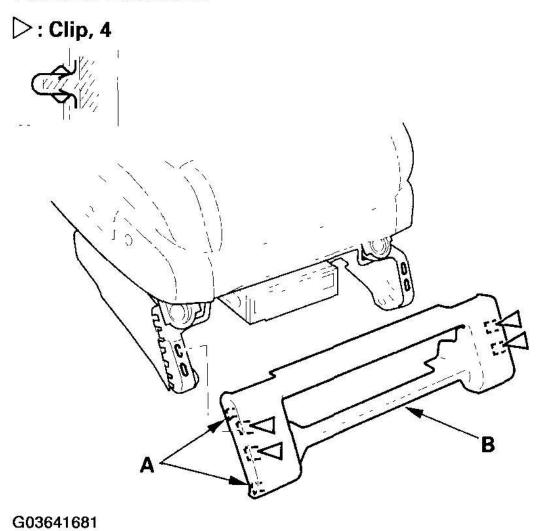
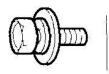


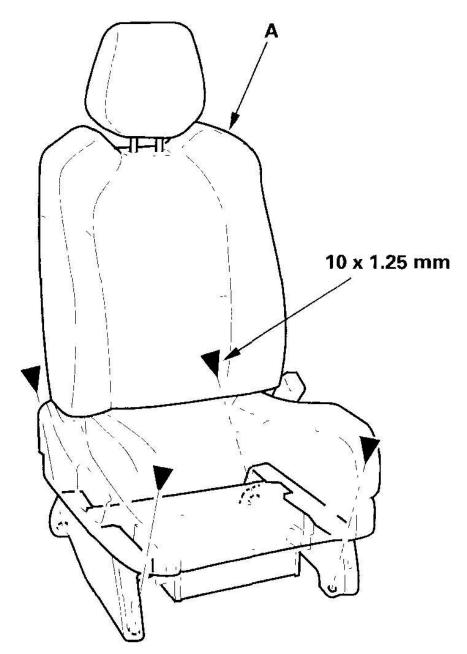
Fig. 5: Removing Front Riser Cover (Passenger's Seat) Courtesy of AMERICAN HONDA MOTOR CO., INC.

- 9. Disconnect the negative cable from the battery, and wait at least 3 minutes before continuing.
- 10. Remove the bolts securing the front seat (A).

# **Fastener Locations**







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# Fig. 6: Removing Bolts Securing Front Seat Courtesy of AMERICAN HONDA MOTOR CO., INC.

11. Lift up the front seat, then disconnect the seat harness connector (A) and side airbag harness connector (B). On driver's seat, disconnect the seat position sensor connector (C), and if equipped, disconnect the CD changer unit connector (D). On passenger's seat, disconnect the OPDS unit harness connector (E) and the weight sensor unit connector (F), and if equipped with navigation system, disconnect the navigation unit connectors (G) and GPS antenna harness connector (H).

# Driver's seat

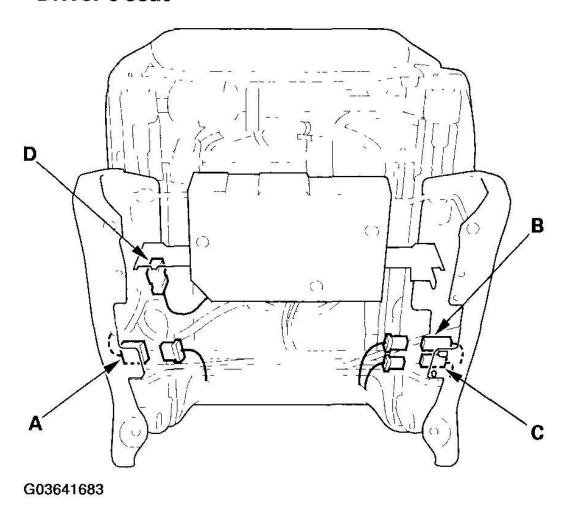


Fig. 7: Disconnecting Seat Harness Connector (Driver's Seat) Courtesy of AMERICAN HONDA MOTOR CO., INC.

# Passenger's seat

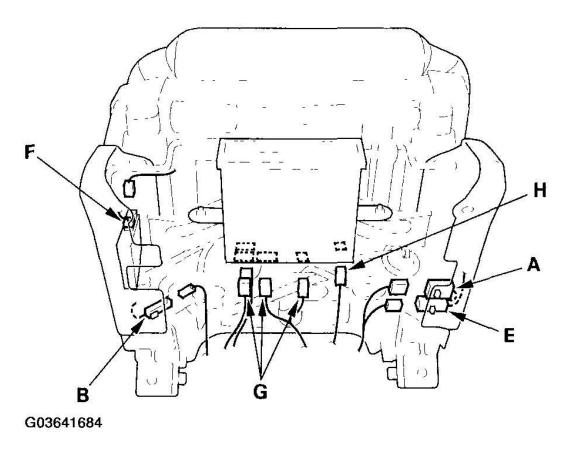


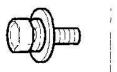
Fig. 8: Disconnecting Seat Harness Connector (Passenger's Seat) Courtesy of AMERICAN HONDA MOTOR CO., INC.

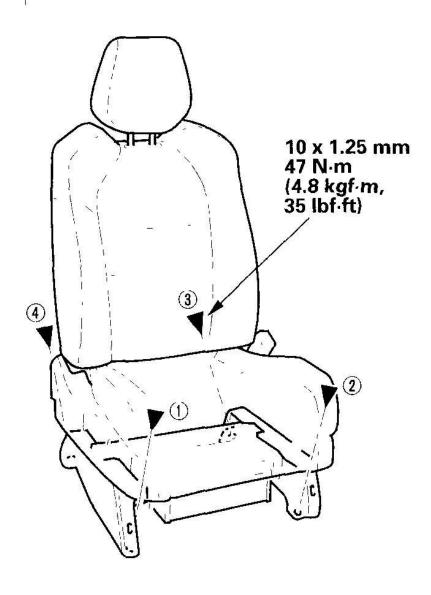
- 12. Remove the headrest.
- 13. With the help of an assistant, carefully remove the front seat through the front door opening.
- 14. Install the front seat in the reverse order of removal, and note these items:
  - Replace any damaged clips.
  - Make sure the seat harness connector, side airbag connector, OPDS unit connector and weight sensor unit connector for passenger's seat, and if equipped, navigation unit connector, GPS antenna harness connector, and CD changer unit connector are plugged in properly.
  - Apply liquid thread lock to the seat mounting bolts before reinstallation.
  - Tighten the seat mounting bolts to the specified torque in the sequence shown in **Fig. 9**. Slide the seat all the way back and tighten 1 and 2, then slide it forward and tighten 3 and 4.
  - Push the cover clips into place securely.

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- Reconnect the negative cable to the battery.
- Do the PCM idle learn procedure (see <u>PCM IDLE LEARN PROCEDURE</u> ) and the power window control unit reset procedure (see <u>RESETTING THE POWER WINDOW CONTROL UNIT</u> ).
- Enter the anti-theft code for the radio and the navigation system, and then enter the customer's radio station presets, or XM channel presets.







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Fig. 9: Tightening Seat Mounting Bolts In Sequence Courtesy of AMERICAN HONDA MOTOR CO., INC.

2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

# FRONT SEAT DISASSEMBLY/REASSEMBLY - DRIVER'S 8-WAY POWER

### **Special Tools Required**

KTC trim tool set SOJATP2014

### '03 MODEL

SRS components are located in this area. Review the SRS component locations (see <u>2003 MODEL</u>) and the precautions and procedures (see <u>PRECAUTIONS AND PROCEDURES</u>) before performing repairs or service.

The operation of the driver's seat position sensor must be checked (see **OPERATION CHECK OF THE DRIVER'S SEAT POSITION SENSOR (SPS)** ) after any of these procedures:

- Driver's seat position sensor replacement
- Cover plate (front side of driver's seat slide rail) replacement

- Use the appropriate tool from the KTC trim tool set to avoid damage when prying components.
- · Route the seat wire harness correctly.
- Make sure the bushing and pivot washer are installed correctly.
- Apply multipurpose grease to the moving portion of the seat track.
- To prevent wrinkles in the seat-back cover, stretch the material evenly over the pad.

### 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

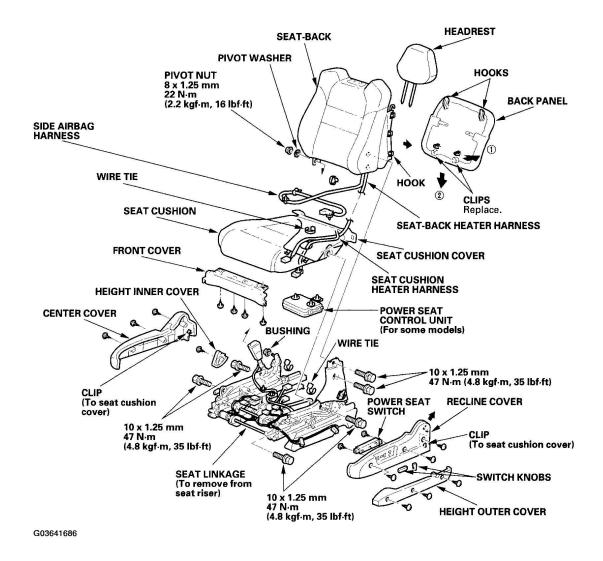


Fig. 10: Front Seat Disassembly/Reassembly - Driver's 8-Way Power ('03 Model) Courtesy of AMERICAN HONDA MOTOR CO., INC.

# **Special Tools Required**

KTC trim tool set SOJATP2014

### '04-06 MODELS

SRS components are located in this area. Review the SRS component locations (see <u>2004-2006 MODELS</u>) and the precautions and procedures (see <u>PRECAUTIONS AND PROCEDURES</u>) before performing repairs or service.

The operation of the driver's seat position sensor must be checked (see **OPERATION CHECK OF THE DRIVER'S SEAT POSITION SENSOR (SPS)** ) after any of these procedures:

### 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

- Driver's seat position sensor replacement
- Cover plate (front side of driver's seat slide rail) replacement

- Use the appropriate tool from the KTC trim tool set to avoid damage when prying components.
- Route the seat wire harness correctly.
- Make sure the bushing and pivot washer are installed correctly.
- Apply multipurpose grease to the moving portion of the seat track.
- To prevent wrinkles in the seat-back cover, stretch the material evenly over the pad.

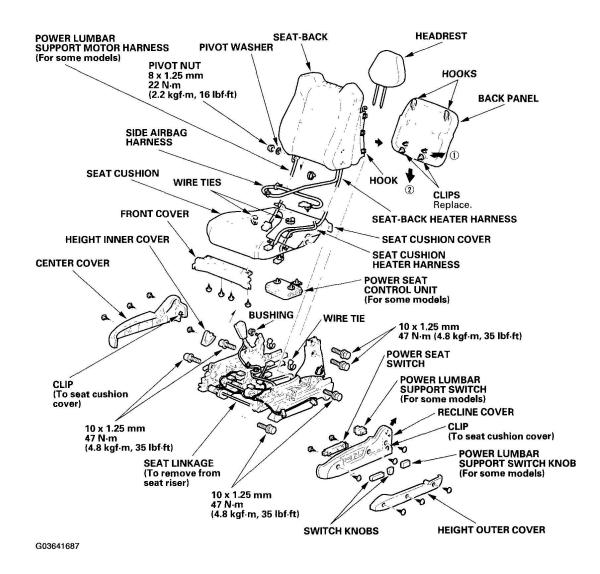


Fig. 11: Front Seat Disassembly/Reassembly - Driver's 8-Way Power ('04-06 Models) Courtesy of AMERICAN HONDA MOTOR CO., INC.

2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

# FRONT SEAT DISASSEMBLY/REASSEMBLY - PASSENGER'S 8-WAY POWER

### **Special Tools Required**

KTC trim tool set SOJATP2014

SRS components are located in this area. Review the SRS component locations for the appropriate model:

- '03 model (see **2003 MODEL**)
- '04-06 models (see **2004-2006 MODELS** )

Also review the precautions and procedures (see <u>PRECAUTIONS AND PROCEDURES</u>) before performing repairs or service.

The seat weight sensor (SWS) unit must be calibrated (see <u>CALIBRATING THE FRONT PASSENGER'S</u> <u>WEIGHT SENSOR UNIT</u>) after any of these procedures:

- Front passenger's seat replacement (including any seat components)
- Replacement of the seat weight sensors
- Replacement of the seat weight sensor unit

- Use the appropriate tool from the KTC trim tool set to avoid damage when prying components.
- · Route the seat wire harness correctly.
- Make sure the bushing and pivot washer are installed correctly.
- Apply multipurpose grease to the moving portion of the seat track.
- To prevent wrinkles in the seat-back cover, stretch the material evenly over the pad.
- If the seat-back pad or the OPDS unit is replaced with new one, reinitialize the OPDS unit (see <u>INITIALIZING THE OPDS (OCCUPANT POSITION</u> <u>DETECTION SYSTEM) UNIT WITH MANUAL MODE</u>).

### 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

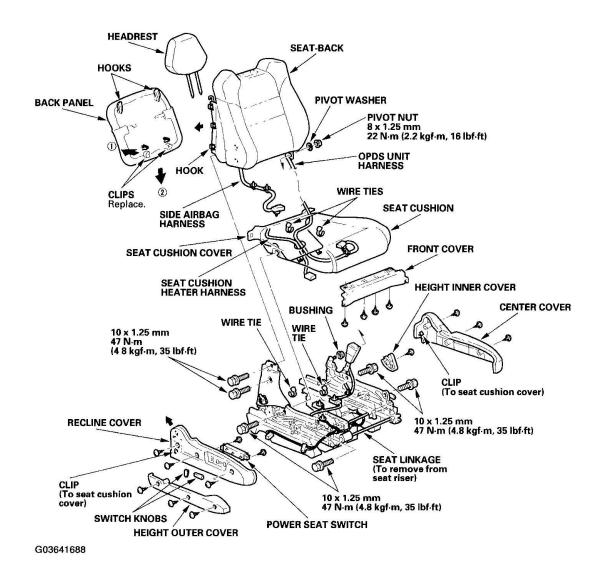


Fig. 12: Front Seat Disassembly/Reassembly - Passenger's 8-Way Power ('04-06 Models)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

# FRONT SEAT DISASSEMBLY/REASSEMBLY - PASSENGER'S MANUAL

# **Special Tools Required**

KTC trim tool set SOJATP2014

SRS components are located in this area. Review the SRS component locations for the appropriate model:

- '03 model (see **2003 MODEL** )
- '04-06 models (see **2004-2006 MODELS** )

### 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

Also review the precautions and procedures (see <u>PRECAUTIONS AND PROCEDURES</u>) before performing repairs or service.

The seat weight sensor (SWS) unit must be calibrated (see <u>CALIBRATING THE FRONT PASSENGER'S</u> <u>WEIGHT SENSOR UNIT</u>) after any of these procedures:

- Front passenger's seat replacement (including any seat components)
- Replacement of the seat weight sensors
- Replacement of the seat weight sensor unit

- Use the appropriate tool from the KTC trim tool set to avoid damage when prying components.
- Route the seat wire harness correctly.
- Make sure the bushing and pivot washer are installed correctly.
- Apply multipurpose grease to the moving portion of the seat track.
- To prevent wrinkles in the seat-back cover, stretch the material evenly over the pad.
- If the seat-back pad or the OPDS unit is replaced with new one, reinitialize the OPDS unit (see INITIALIZING THE OPDS (OCCUPANT POSITION DETECTION SYSTEM) UNIT WITH MANUAL MODE ).

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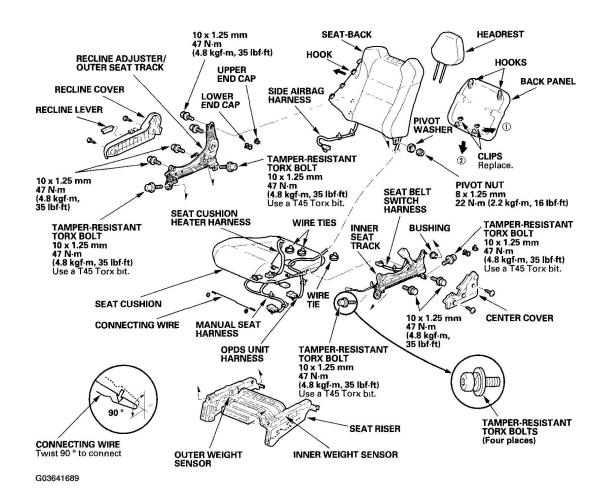


Fig. 13: Front Seat Disassembly/Reassembly - Passenger's Manual ('04-06 Models) Courtesy of AMERICAN HONDA MOTOR CO., INC.

# FRONT SEAT LINKAGE DISASSEMBLY/REASSEMBLY - 8-WAY POWER

The operation of the driver's seat position sensor must be checked (see **OPERATION CHECK OF THE DRIVER'S SEAT POSITION SENSOR (SPS)** ) after any of these procedures:

- Driver's seat position sensor replacement
- Cover plate (front side of driver's seat slide rail) replacement

Remove the seat from the seat linkage.

- '03 model driver's 8-way power (see '03 MODEL)
- '04-06 models driver's 8-way power (see '04-06 MODELS')
- Passenger's 8-way power (see <u>FRONT SEAT DISASSEMBLY/REASSEMBLY PASSENGER'S 8-WAY POWER</u>)

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- · Replace the bushings with new ones.
- Apply multipurpose grease to the sliding and pivot portions.
- Check operation of the recline adjuster and slide/up-down adjuster.

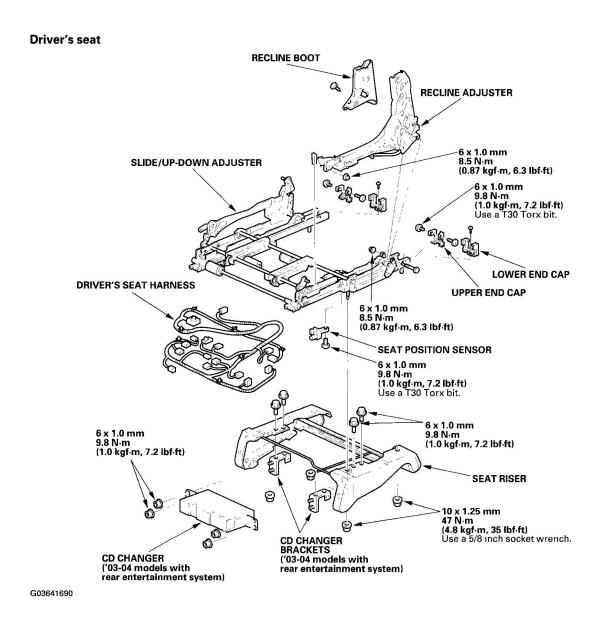


Fig. 14: Front Seat Linkage Disassembly/Reassembly - 8-Way Power (Driver's Seat) Courtesy of AMERICAN HONDA MOTOR CO., INC.

### 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

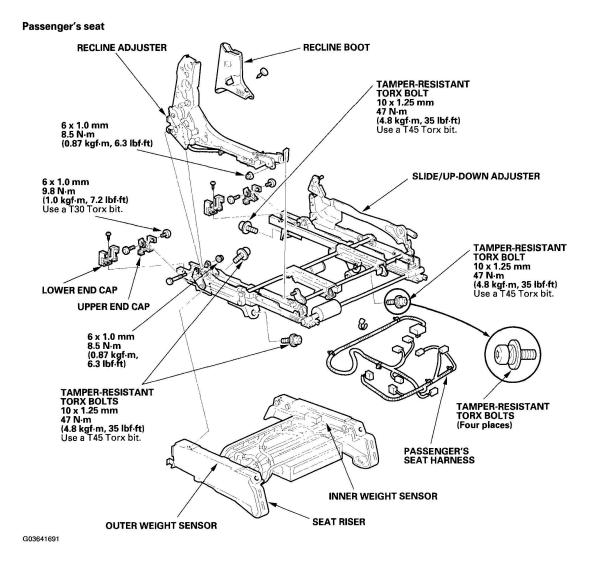


Fig. 15: Front Seat Linkage Disassembly/Reassembly - 8-Way Power (Passenger's Seat) Courtesy of AMERICAN HONDA MOTOR CO., INC.

# FRONT PASSENGER'S SEAT RISER DISASSEMBLY/REASSEMBLY

The seat weight sensor (SWS) unit must be calibrated (see <u>CALIBRATING THE FRONT PASSENGER'S WEIGHT SENSOR UNIT</u>) after any of these procedures:

- Front passenger's seat replacement (including any seat components)
- Replacement of the seat weight sensors
- Replacement of the seat weight sensor unit

### NOTE:

• When tightening the weight sensor mounting nuts, starting at the rear, tighten the nuts in the sequence shown. Improper tightening could cause

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the front passenger's airbag system to malfunction.

- Make sure the weight sensor unit connectors plugged in properly.
- Make sure the weight sensor wires are routed properly so they are not pinched or interfere with other parts.

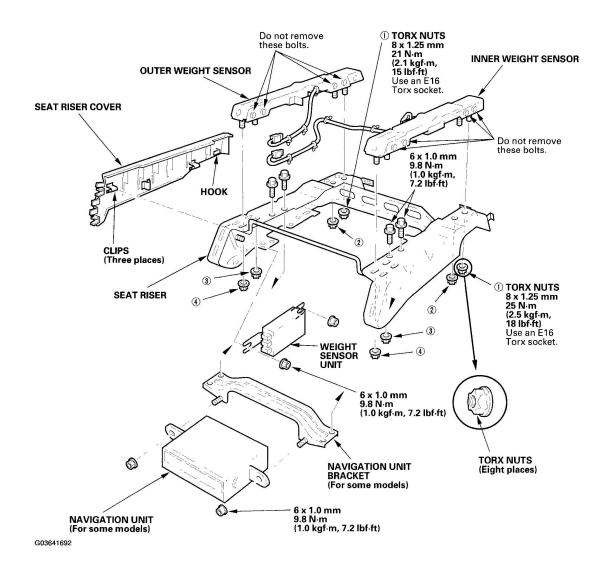


Fig. 16: Front Passenger's Seat Riser Disassembly/Reassembly Courtesy of AMERICAN HONDA MOTOR CO., INC.

# FRONT SEAT COVER REPLACEMENT

SRS components are located in this area. Review the SRS component locations for the appropriate model:

- '03 model (see **2003 MODEL**)
- '04-06 models (see **2004-2006 MODELS** )

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Also review the precautions and procedures (see <u>PRECAUTIONS AND PROCEDURES</u>) before performing repairs or service.

- The operation of the driver's seat position sensor must be checked (see **OPERATION CHECK OF THE DRIVER'S SEAT POSITION SENSOR (SPS)** ) after any of these procedures:
  - Driver's seat position sensor replacement
  - Cover plate (front side of driver's seat slide rail) replacement
- The seat weight sensor (SWS) unit must be calibrated (see <u>CALIBRATING THE FRONT PASSENGER'S WEIGHT SENSOR UNIT</u>) after any of these procedures:
  - Front passenger's seat replacement (including any seat components)
  - Replacement of the seat weight sensors
  - Replacement of the seat weight sensor unit

### NOTE:

- Seats with airbags are marked "SIDE AIRBAG" on the seat-back. Because the component parts (seat-back cover, cushion, etc.) of seats with and without airbags are different, make sure you install only the correct replacement parts.
- Do not repair torn or frayed seat-back covers. If necessary, replace the seat-back cover.
- Take care not to tear the seams or damage the seat covers.
- Do not touch the OPDS sensor in the seat-back pad, and keep it away from oils. Oils can corrode the sensor causing it to fail.
- Put on gloves to protect your hands.

### SEAT-BACK COVER

- 1. Fold the seat-back forward.
- 2. Remove the headrest.
- 3. Remove the back panel, driver's 8-way power '03 model (see <u>'03 MODEL</u>), driver's 8-way power '04-06 models (see <u>'04-06 MODELS</u>), passenger's 8-way power (see <u>FRONT SEAT</u>

  <u>DISASSEMBLY/REASSEMBLY PASSENGER'S 8-WAY POWER</u>), manual (see <u>FRONT SEAT</u>

  <u>DISASSEMBLY/REASSEMBLY PASSENGER'S MANUAL</u>).
- 4. For some driver's seats: Remove the clip (A), then remove the lumbar support knob (B).

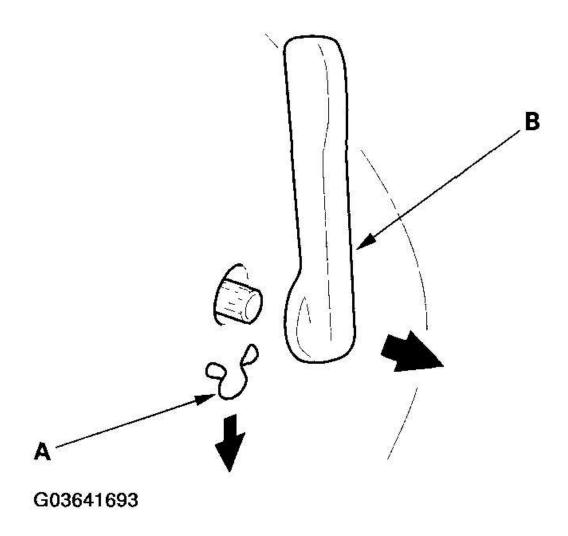


Fig. 17: Removing Clip And Lumbar Support Knob Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Release the hook strips (A), hooks (B, C), and inside springs (D), then loosen the seat-back cover (E).

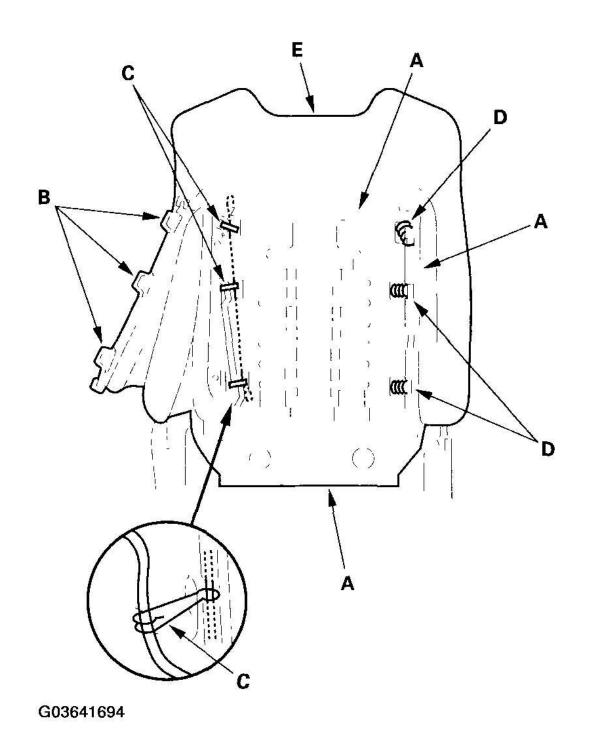
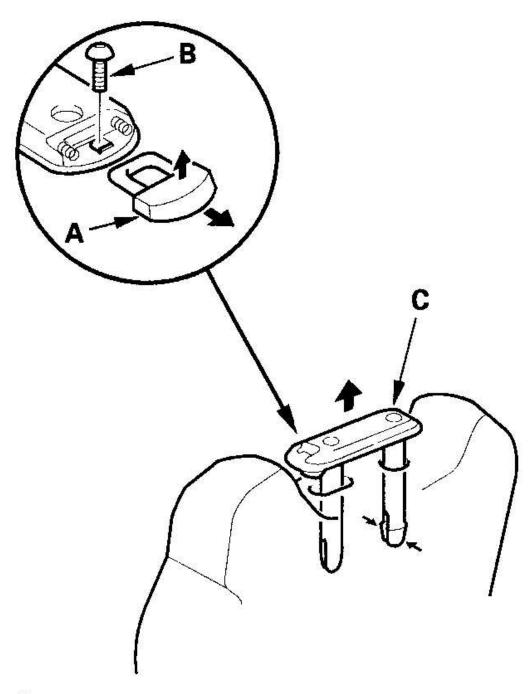


Fig. 18: Identifying Hook Strips, Hooks And inside Springs Courtesy of AMERICAN HONDA MOTOR CO., INC.

6. Lift and pull out the release button (A), and remove the screw (B), then remove the headrest guide (C).

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Fig. 19: Removing Headrest Guide
Courtesv of AMERICAN HONDA MOTOR CO., INC.

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7. Pull back the edge of the seat-back cover all the way around. Release the clips (A) from under the seat-back cover (B), then remove the seat-back cover.

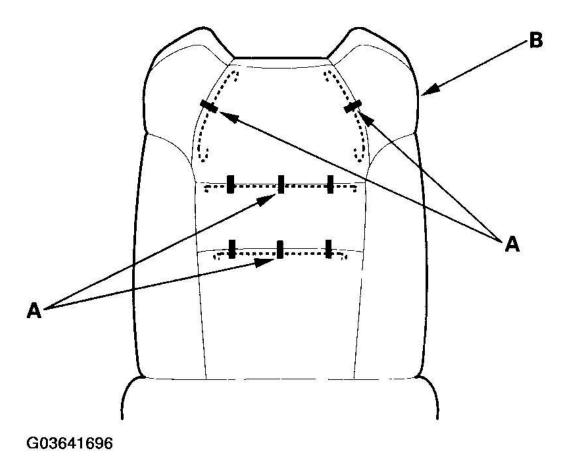


Fig. 20: Releasing Clips And Seats-Back Cover Courtesy of AMERICAN HONDA MOTOR CO., INC.

- 8. Install the seat-back cover in the reverse order of removal, and note these items:
  - To prevent wrinkles when installing a seat-back cover, make sure the material is stretched evenly over the pad before securing the fasteners, hooks and inside springs.
  - Replace the any clips (A) you removed with new ones using commercially available upholstery ring pliers (B).
  - Use only original Acura replacement seat-back covers.

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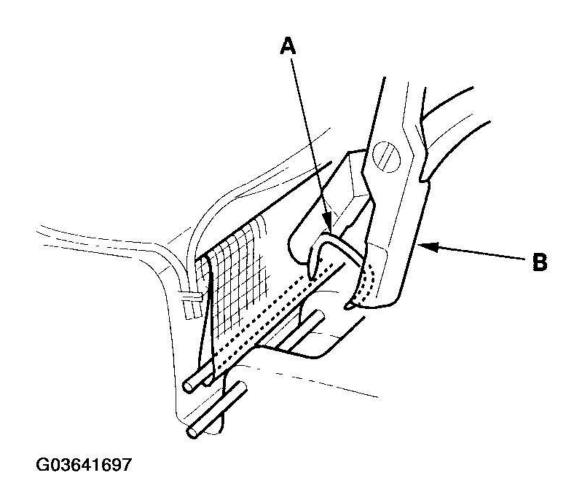


Fig. 21: Replacing Clips Removed Using Upholstery Ring Pliers Courtesy of AMERICAN HONDA MOTOR CO., INC.

### **SEAT CUSHION COVER**

- 1. Remove the front seat (see **FRONT SEAT REMOVAL/INSTALLATION**).
- 2. Remove the seat cushion, driver's 8-way power '03 model (see '03 MODEL'), driver's 8-way power '04-06 models (see '04-06 MODELS'), passenger's 8-way power (see FRONT SEAT DISASSEMBLY/REASSEMBLY PASSENGER'S 8-WAY POWER), manual (see FRONT SEAT DISASSEMBLY/REASSEMBLY PASSENGER'S MANUAL).
- 3. Release the clips (A) and hooks (B) from under the seat cushion, then loosen the seat cushion cover (C).

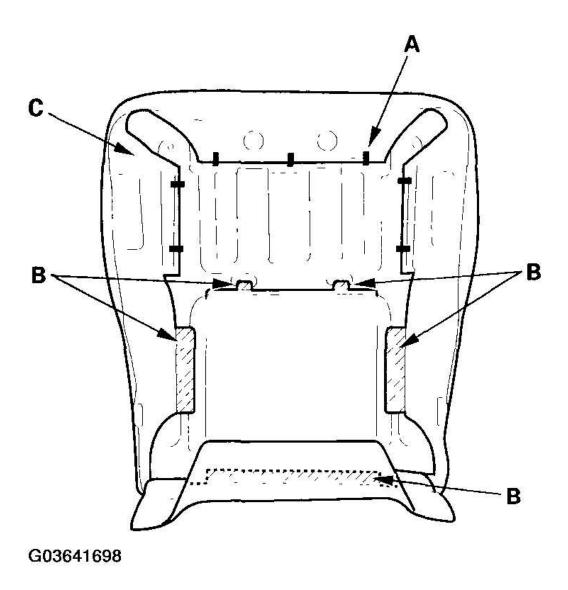


Fig. 22: Releasing Clips And Hooks From Under Seat Cushion Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Pull back the edge of the seat cushion cover all the way around, and release the clips (A), then remove the seat cushion cover (B).

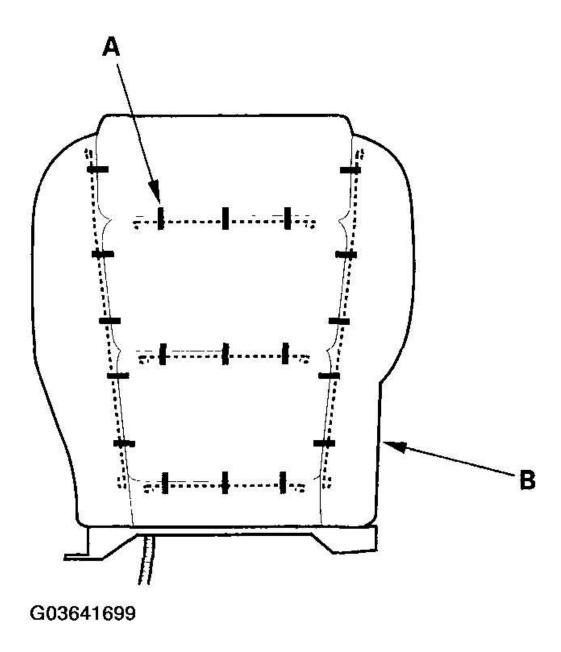


Fig. 23: Removing Seat Cushion Cover Courtesy of AMERICAN HONDA MOTOR CO., INC.

- 5. Install the seat cushion cover in the reverse order of removal, and note these items:
  - To prevent wrinkles when installing a seat cushion cover, make sure the material is stretched evenly over the pad before securing the clips and hooks.
  - Replace the any clips (A) you removed with new ones using commercially available upholstery

ring pliers (B).

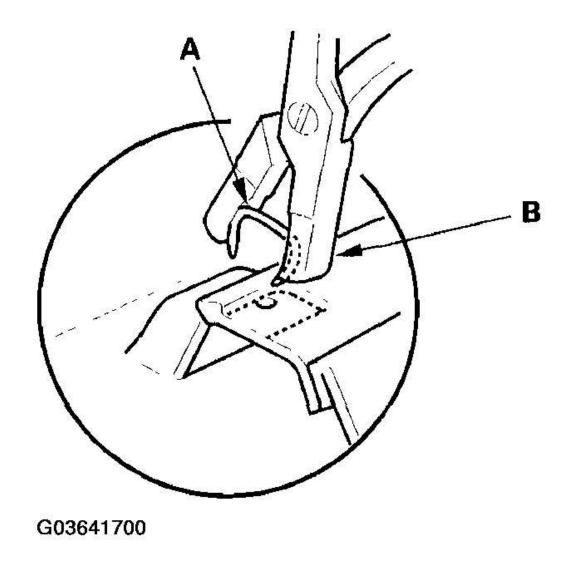


Fig. 24: Removing Clips Using Upholstery Ring Pliers Courtesy of AMERICAN HONDA MOTOR CO., INC.

# SECOND ROW SEAT REMOVAL/INSTALLATION

**Special Tools Required** 

KTC trim tool set SOJATP2014

### 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

### NOTE:

- Use the appropriate tool from the KTC trim tool set to avoid damage when prying components.
- Take care not to scratch the body or tear the seat covers.
- Put on gloves to protect your hands.

### RIGHT SECOND ROW SEAT

- 1. Remove the foot covers.
  - -1 Remove the front foot covers (A).
  - -2 Slide the right second row seat (B) forward fully, then remove the rear outer foot cover (C) and rear inner foot cover (D).

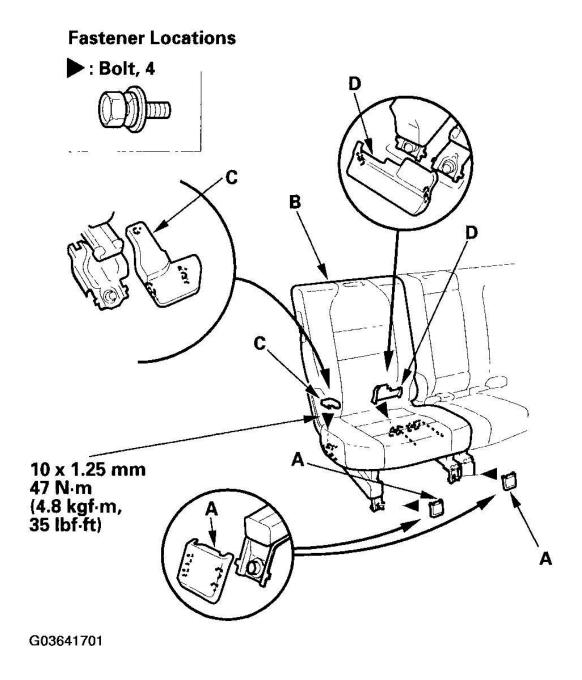


Fig. 25: Removing Front Foot Covers Courtesy of AMERICAN HONDA MOTOR CO., INC.

- 2. Slide the seat back, and remove the mounting bolts.
- 3. Fold the seat-back forward. With the help of an assistant, remove the right second row seat through the door opening.
- 4. Install the right second row seat in the reverse order of removal.

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# LEFT SECOND ROW SEAT

- 1. Remove the left second low seat belt center anchor bolt (see step 1 in **LEFT SEAT BELT BUCKLE AND CENTER SEAT BELT DETACHABLE ANCHOR** ).
- 2. Slide the right second row seat forward fully.
- 3. Remove the front foot covers (A), rear outer foot cover (B), and rear inner foot cover (C).

# **Fastener Locations** ▶: Bolt, 4 10 x 1.25 mm 47 N·m (4.8 kgf·m, 35 lbf·ft)

Fig. 26: Removing Foot Covers

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### 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

### Courtesy of AMERICAN HONDA MOTOR CO., INC.

- 4. Remove the mounting bolts.
- 5. Fold the seat-back forward. With the help of an assistant, remove the left second row seat (D) through the door opening.
- 6. Install the left second row seat in the reverse order of removal.

# LEFT SECOND ROW SEAT DISASSEMBLY/REASSEMBLY

### **Special Tools Required**

KTC trim tool set SOJATP2014

- Use the appropriate tool from the KTC trim tool set to avoid damage when prying components.
- Take care not to kink the seat-back recline cables.
- Replace any damaged clips as new ones.
- Make sure the seat-back recline cables are connected securely. If necessary, adjust the cable tension (see step 10 in <u>SECOND ROW SEAT-BACK RECLINE LEVER REPLACEMENT</u>).
- To prevent wrinkles in the seat-back cover, stretch the material evenly over the pad.

### 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

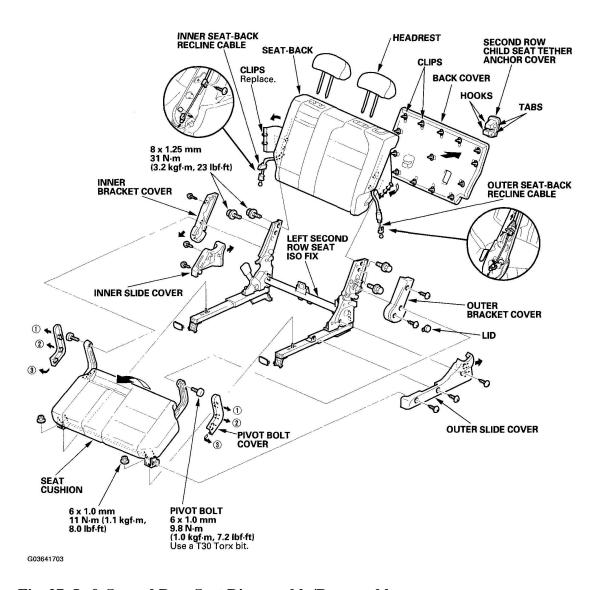


Fig. 27: Left Second Row Seat Disassembly/Reassembly Courtesy of AMERICAN HONDA MOTOR CO., INC.

# RIGHT SECOND ROW SEAT DISASSEMBLY/REASSEMBLY

# **Special Tools Required**

KTC trim tool set SOJATP2014

### '03 MODEL

- Use the appropriate tool from the KTC trim tool set to avoid damage when prying components.
- Take care not to kink the seat-back recline cable and third row seat access

#### 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

cable.

- Replace any damaged clips as new ones.
- Make sure the seat-back recline cable and third row seat access cable are connected securely.
- To prevent wrinkles in the seat-back cover, stretch the material evenly over the pad.

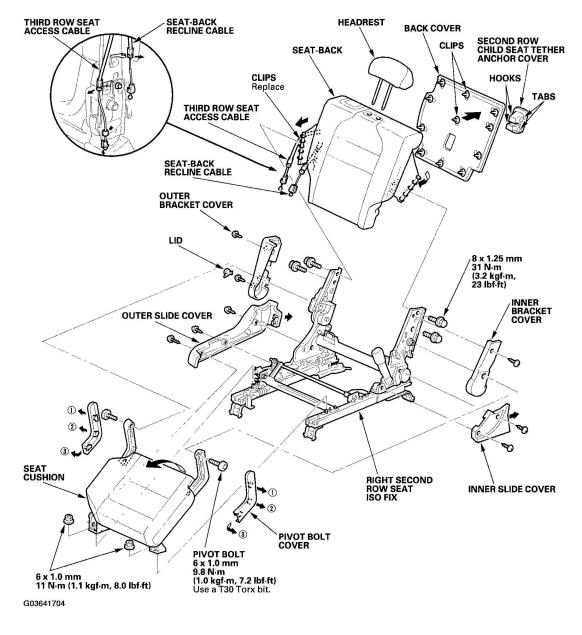


Fig. 28: Right Second Row Seat Disassembly/Reassembly ('03 Model) Courtesy of AMERICAN HONDA MOTOR CO., INC.

#### 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

## **Special Tools Required**

KTC trim tool set SOJATP2014

#### '04-06 MODELS

#### NOTE:

- Use the appropriate tool from the KTC trim tool set to avoid damage when prying components.
- Take care not to kink the seat-back recline cable and third row seat access cable.
- Replace any damaged clips as new ones.
- Make sure the seat-back recline cable and third row seat access cable are connected securely.
- To prevent wrinkles in the seat-back cover, stretch the material evenly over the pad.

#### 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

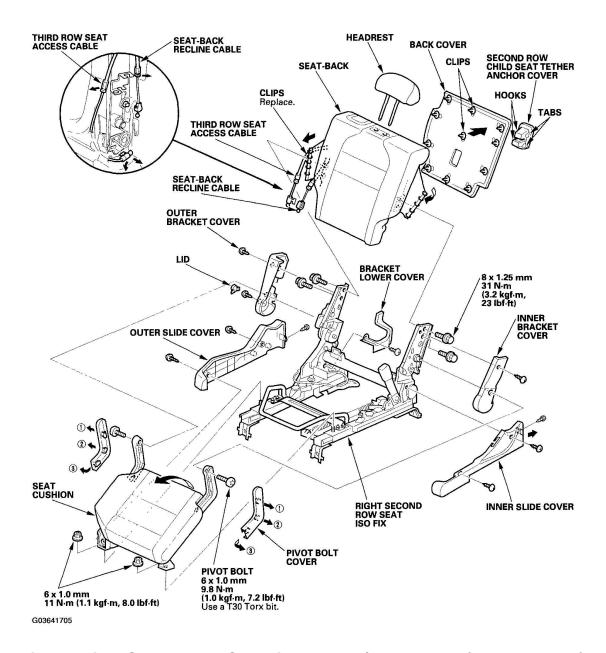


Fig. 29: Right Second Row Seat Disassembly/Reassembly ('04 -06 Models) Courtesy of AMERICAN HONDA MOTOR CO., INC.

## RIGHT SECOND ROW SEAT LINKAGE DISASSEMBLY/REASSEMBLY

NOTE:

- Take care not to kink the slide cable.
- Replace the push nut with a new one.
- Apply multipurpose grease to the sliding portions.
- Make sure the slide cable is connected securely, and if necessary, adjust

the cable.

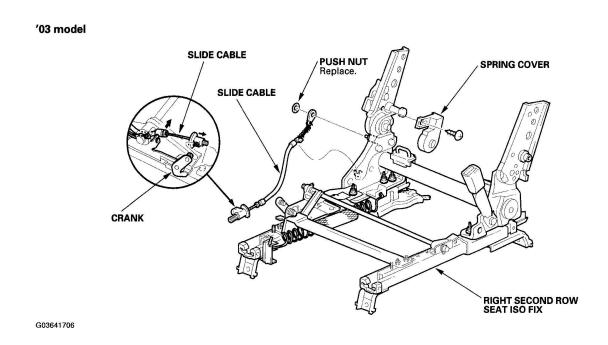


Fig. 30: Right Second Row Seat Linkage Disassembly/Reassembly ('03 Model)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

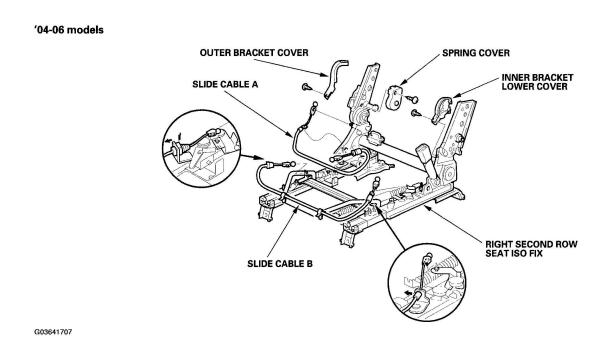


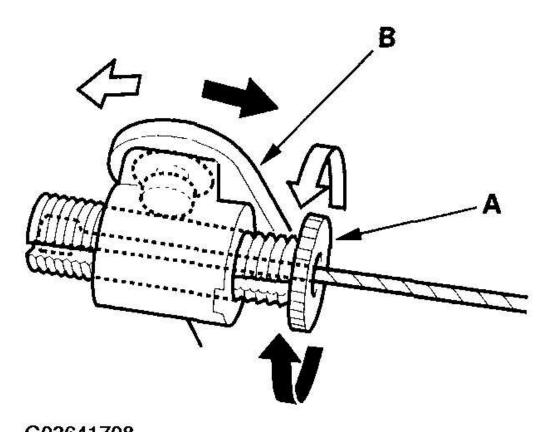
Fig. 31: Right Second Row Seat Linkage Disassembly/Reassembly ('04-06

2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

# Models) Courtesy of AMERICAN HONDA MOTOR CO., INC.

#### SLIDE CABLE ADJUSTMENT - '03 MODEL

Check the third row seat access operation. If necessary, turn the adjuster (A) clockwise or counterclockwise to move the crank (B) back and forth.



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Fig. 32: Adjusting Slide Cable ('03 Model)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

## SECOND ROW SEAT-BACK RECLINE LEVER REPLACEMENT

## **Special Tools Required**

KTC trim tool set SOJATP2014

#### 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

#### NOTE:

- Use the appropriate tool from the KTC trim tool set to avoid damage when prying components.
- Take care not to tear the seams or damage the seat covers.
- Take care not to kink the cables.
- 1. Slide the right second row seat forward fully.
- 2. Left second row seat: Remove the left second row seat belt center anchor bolt (see step 1 in **LEFT SEAT BELT BUCKLE AND CENTER SEAT BELT DETACHABLE ANCHOR**).
- 3. Remove the pivot bolt cover. Using a T30 Torx bit, remove the pivot bolt from both sides, left second row seat (see <u>LEFT SECOND ROW SEAT DISASSEMBLY/REASSEMBLY</u>), right second row seat, '03 model (see '03 MODEL), '04-06 models (see '04-06 MODELS).
- 4. Remove the back cover (see step 5 in **SEAT-BACK COVER**), then release the clips from behind the seat-back, as necessary (see step 6 in **SEAT-BACK COVER**).
- 5. Lift the seat cushion up, and remove these items:
  - Outer and inner bracket covers, left second row seat (see <u>LEFT SECOND ROW SEAT DISASSEMBLY/REASSEMBLY</u>)
  - Outer bracket cover, right second row seat, '03 model (see <u>'03 MODEL</u>), '04-06 models (see <u>'04-</u>06 MODELS)
- 6. Pry out the lid (A), and remove the screws securing the recline lever (B).

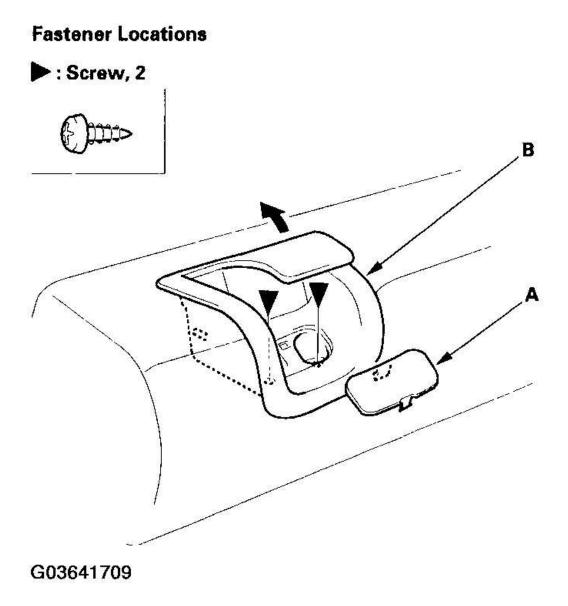


Fig. 33: Prying Out Lid Courtesy of AMERICAN HONDA MOTOR CO., INC.

7. Left second row seat: Remove the screw (A) securing the inner recline cable (B), release the clips (C) and adjuster (D), then remove the inner recline cable and outer recline cable (E) from both brackets.

# Inner

## **Fastener Location**

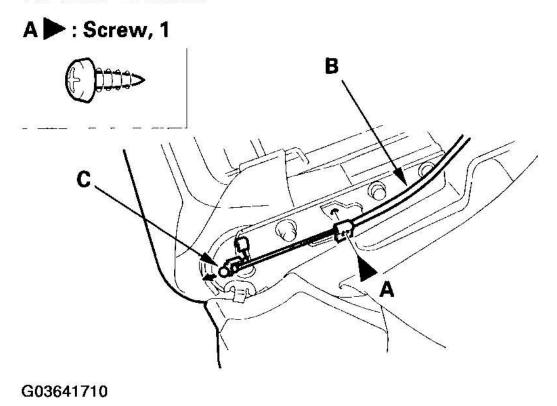


Fig. 34: Removing Inner Recline Cable Screw (Inner) Courtesy of AMERICAN HONDA MOTOR CO., INC.

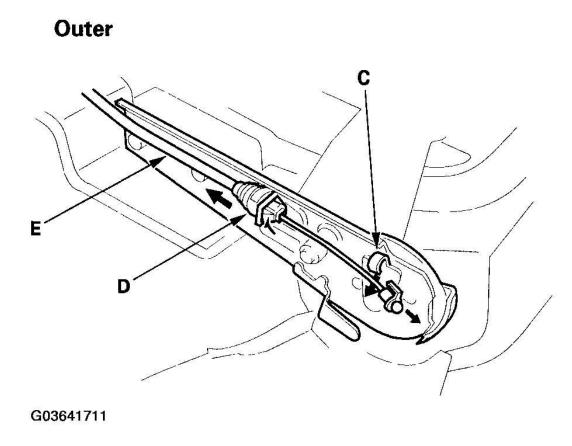


Fig. 35: Removing Inner Recline Cable Screw (Outer) Courtesy of AMERICAN HONDA MOTOR CO., INC.

8. Right second row seat: Detach the clip (A) and recline cable (B) from the bracket.

#### 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

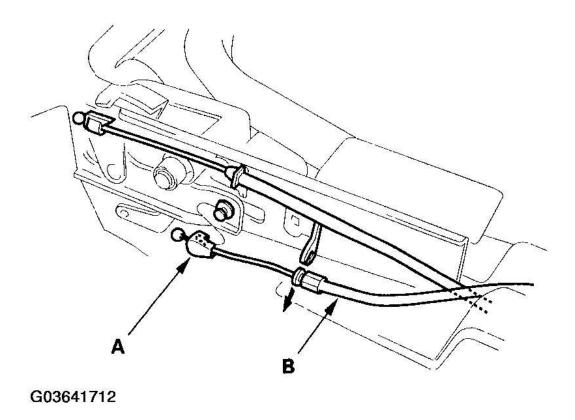


Fig. 36: Detaching Clip And Recline Cable Courtesy of AMERICAN HONDA MOTOR CO., INC.

9. Peel the tapes (A) off, and pull the recline lever (B) with the recline cables (C). There is no inner recline cable on the right recline lever.

#### 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

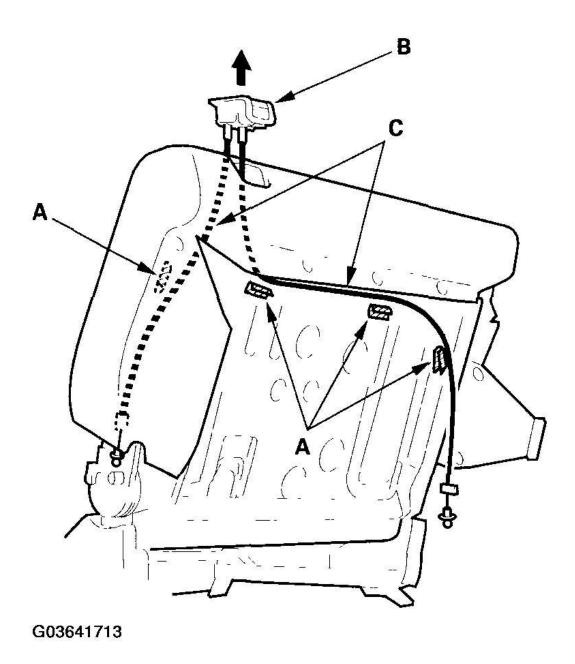
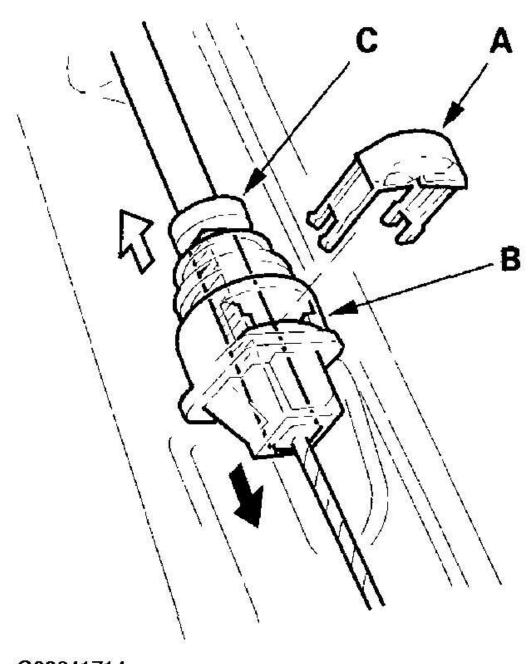


Fig. 37: Peeling Tapes And Pulling Recline Lever With Recline Cables Courtesy of AMERICAN HONDA MOTOR CO., INC.

- 10. Install the lever in the reverse order of removal, and note these items:
  - Make sure the recline cables are connected securely.
  - For the left second row seat: If necessary, remove the clip (A) from the adjuster (B), and move the cable (C) up or down to obtain the proper tension of the outer recline cable, then reinstall the clip.

## 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX



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Fig. 38: Removing Clip From Adjuster Courtesy of AMERICAN HONDA MOTOR CO., INC.

2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

## SECOND ROW SEAT-BACK RECLINE CABLE REPLACEMENT

## **Special Tools Required**

KTC trim tool set SOJATP2014

#### NOTE:

- Use the appropriate tool from the KTC trim tool set to avoid damage when prying components.
- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- Take care not to bend the cable.
- 1. Remove the seat-back recline lever (see <u>SECOND ROW SEAT-BACK RECLINE LEVER REPLACEMENT</u>).
- 2. Carefully insert a flat-tip screwdriver through hole (A) in the housing (B), then press the inside face of the cover (C) outward against the housing to make a gap (D) between the lever (E) and the cover.

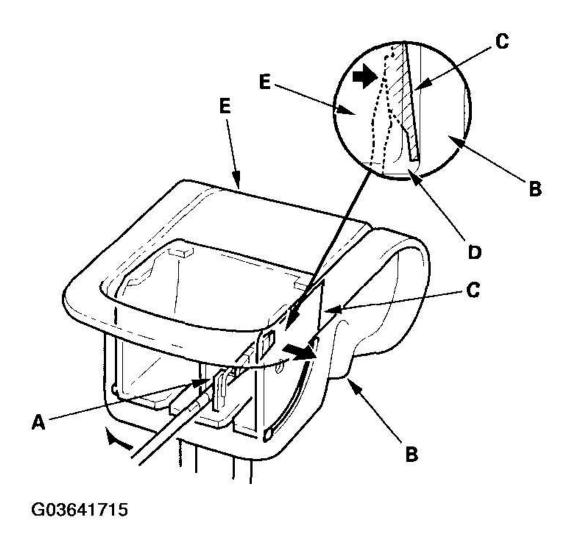


Fig. 39: Inserting Screwdriver Through Hole In Housing Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Carefully pry out the cover (A) with a trim tool at the gap while holding the lever open. Release the tabs (B), and push both stopper portions (C), then remove the cover.

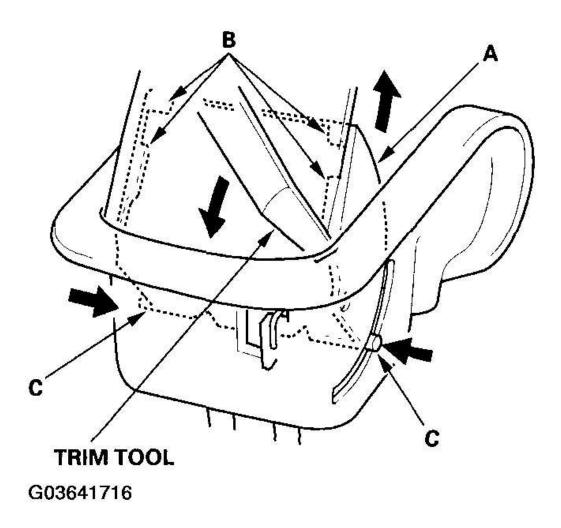


Fig. 40: Prying Out Cover with Trim Tool At Gap Holding Lever Open Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Disconnect the recline cables (A). There is no inner recline cable on the right recline lever.

## 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

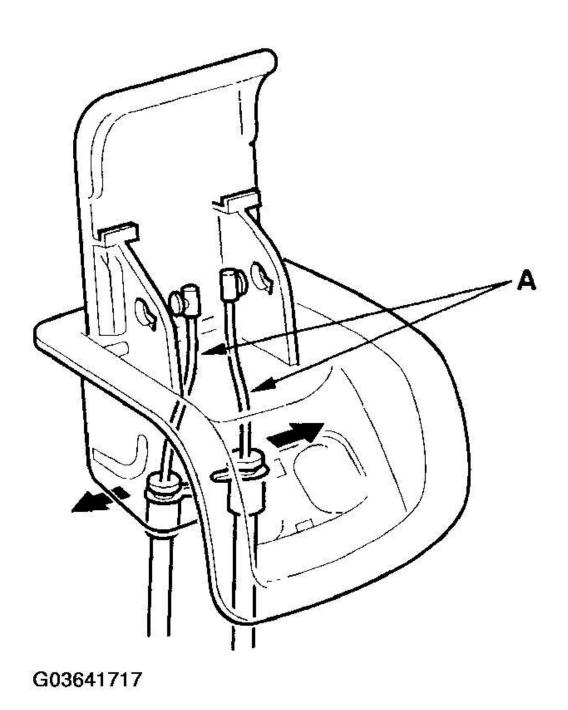


Fig. 41: Disconnecting Recline Cables Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Install the second row seat-back recline cables in the reverse order of removal, and make sure the cables

#### 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

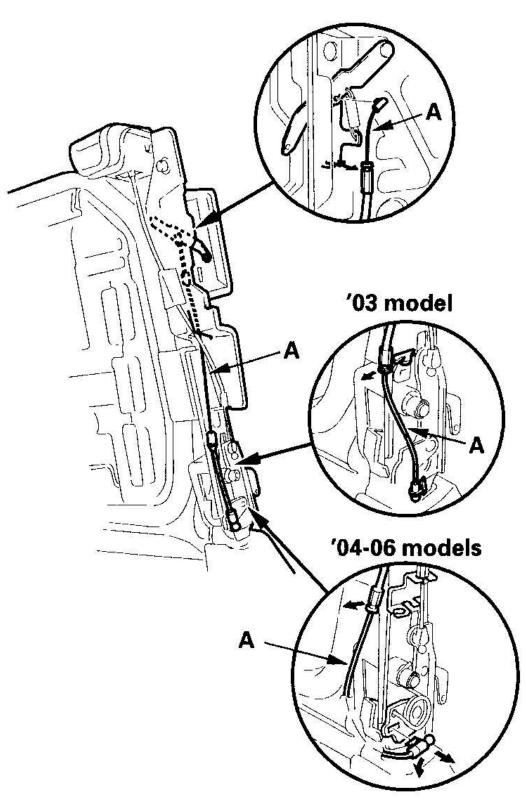
are connected securely.

## THIRD ROW SEAT ACCESS CABLE REPLACEMENT

#### NOTE: Take care not to bend the cable.

- 1. Slide the right second row seat forward fully.
- 2. Remove the pivot bolt cover, and using a T30 Torx bit, remove the pivot bolt from both sides, '03 model (see '03 MODEL), '04-06 models (see '04-06 MODELS).
- 3. Remove the right second row seat-back cover/pad from the seat-back frame (see **SECOND ROW SEAT COVER REPLACEMENT** ).
- 4. Lift the right second row seat cushion up, and remove the outer bracket cover, '03 model (see <u>'03 MODEL</u>), '04-06 models (see <u>'04-06 MODELS</u>).
- 5. Disconnect the third row seat access cable (A) at both ends, then remove the cable.

## 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX



#### 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

# Fig. 42: Disconnecting Third Row Seat Access Cable Courtesy of AMERICAN HONDA MOTOR CO., INC.

6. Install the third row seat access cable in the reverse order of removal, and make sure the cable is connected securely.

## SECOND ROW SEAT ARMREST REPLACEMENT

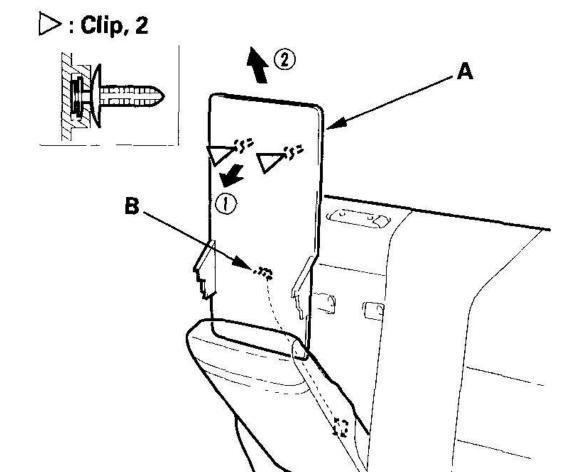
## **Special Tools Required**

KTC trim tool set SOJATP2014

#### NOTE:

- Use the appropriate tool from the KTC trim tool set to avoid damage when prying components.
- Take care not to tear the seams or damage the seat covers.
- 1. Detach the clips of the armrest panel (A), then pull the panel upward to release the hook (B) and remove it.

# **Fastener Locations**



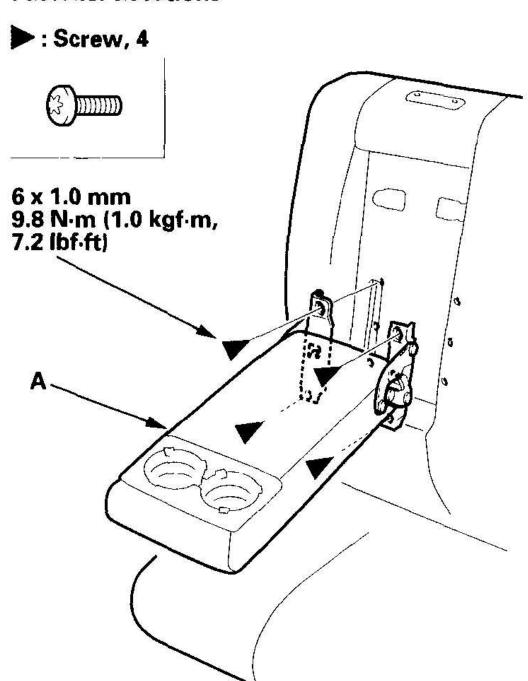
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2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

# Fig. 43: Pulling Panel Upward Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Using a T30 Torx bit, remove the screws, then remove the armrest (A).

# **Fastener Locations**



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2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

# Fig. 44: Removing Armrest Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Pry the rear hooks (A) up, and release the front hooks (B), then remove the armrest beverage holder (C).

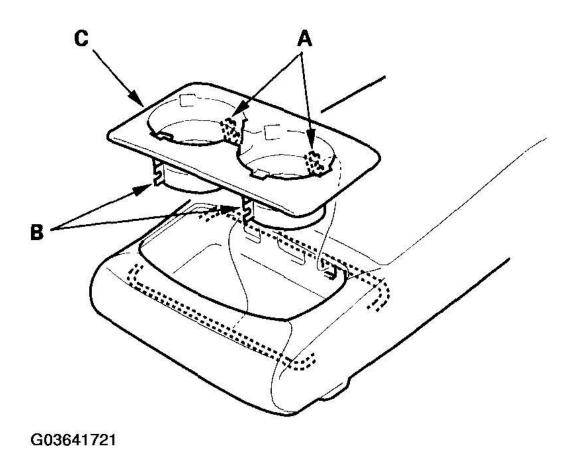


Fig. 45: Prying Rear Hooks Up And Releasing Front Hooks Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Install the armrest in the reverse order of removal, and replace any damaged clips.

## SECOND ROW SEAT COVER REPLACEMENT

## **Special Tools Required**

KTC trim tool set SOJATP2014

NOTE:

• Use the appropriate tool from the KTC trim tool set to avoid damage when

#### 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

## prying components.

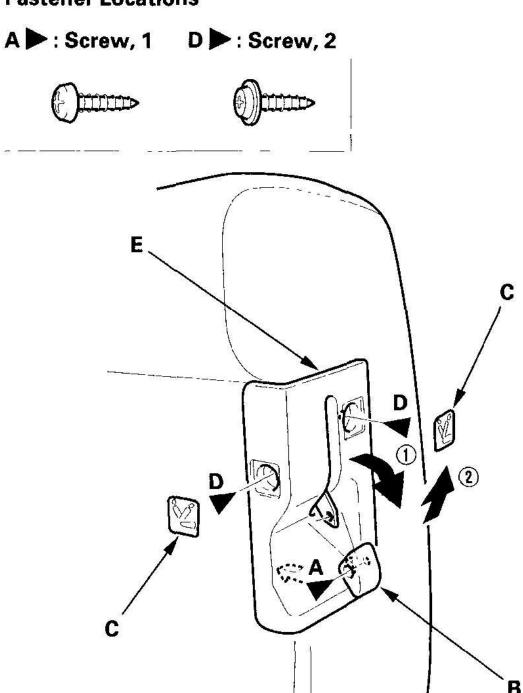
- Take care not to tear the seams or damage the seat covers.
- Put on gloves to protect your hands.

#### **SEAT-BACK COVER**

- 1. Slide the right second row seat forward fully.
- 2. Remove the pivot bolt cover, and using a T30 Torx bit, remove the pivot bolt from both sides, left second row seat (see <u>LEFT SECOND ROW SEAT DISASSEMBLY/REASSEMBLY</u>), right second row seat, '03 model (see <u>'03 MODEL</u>), '04-06 models (see <u>'04-06 MODELS</u>).
- 3. Remove the armrest, left second row seat (see **SECOND ROW SEAT ARMREST REPLACEMENT** ).
- 4. Right second seat: Remove the screw (A), then remove the third row seat access knob (B). Peel off the labels (C), and remove the screws (D), then remove the third row seat access trim (E).

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# **Fastener Locations**



## 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

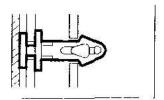
## Fig. 46: Removing Third Row Seat Access Knob Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Fold the seat-back forward fully, detach the clips (A), and remove the back cover (B). Replace any damaged clips.

# **Fastener Locations**



Left seat-back: 14 Right seat-back: 11



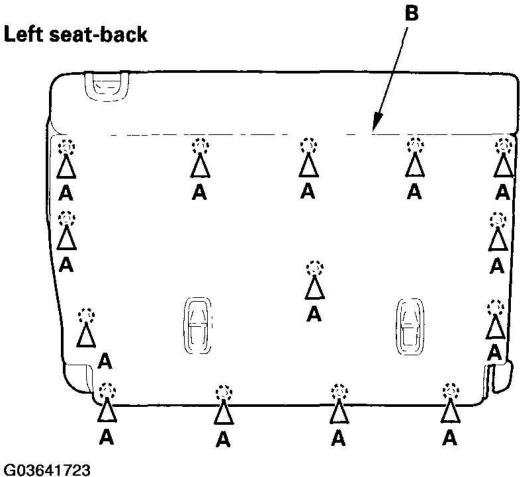
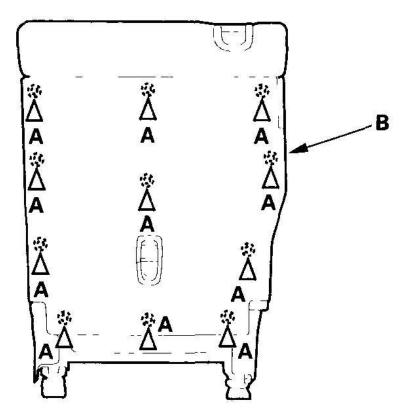


Fig. 47: Detaching Clips And Removing Back Cover (Left Seat Back) Courtesy of AMERICAN HONDA MOTOR CO., INC.

# Right seat-back



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Fig. 48: Detaching Clips And Removing Back Cover (Right Seat Back) Courtesy of AMERICAN HONDA MOTOR CO., INC.

6. Release all of the clips (A) from the back of the seat-back (B).

## Left seat-back

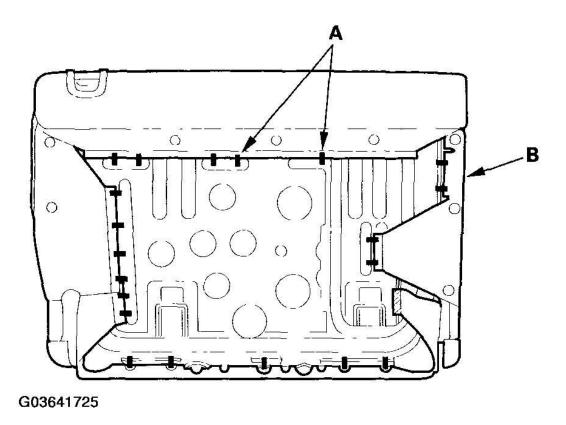


Fig. 49: Releasing Clips From Back Of Seat-Back (Left Seat-Back) Courtesy of AMERICAN HONDA MOTOR CO., INC.

# Right seat-back

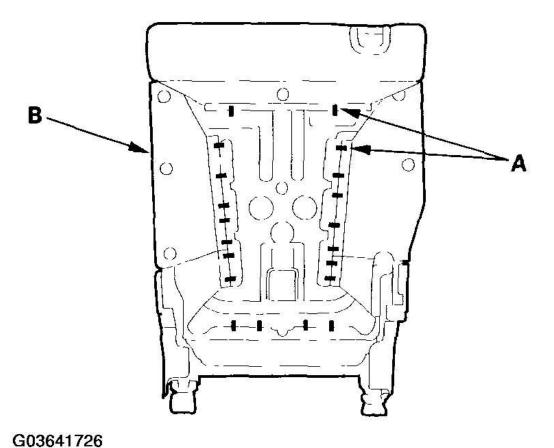
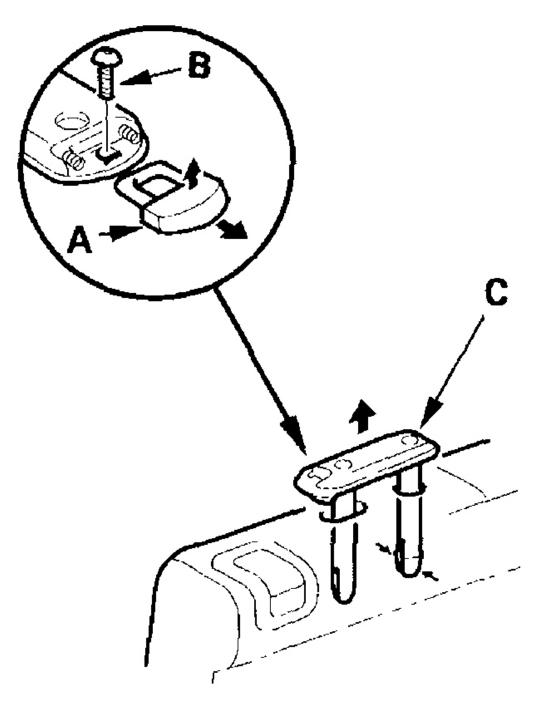


Fig. 50: Releasing Clips From Back Of Seat-Back (Right Seat-Back) Courtesy of AMERICAN HONDA MOTOR CO., INC.

7. Lift and pull out the release button (A), and remove the screw (B), then remove the headrest guide (C).



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Fig. 51: Removing Headrest Guide

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## Courtesy of AMERICAN HONDA MOTOR CO., INC.

- 8. Remove the screws securing the recline lever (see step 6 in **SECOND ROW SEAT-BACK RECLINE LEVER REPLACEMENT** ).
- 9. While holding the recline lever (A) away from the seat-back cover (B), pull the retainers (C) out from under the lever. From under the recline bracket (D), release the hook (E).

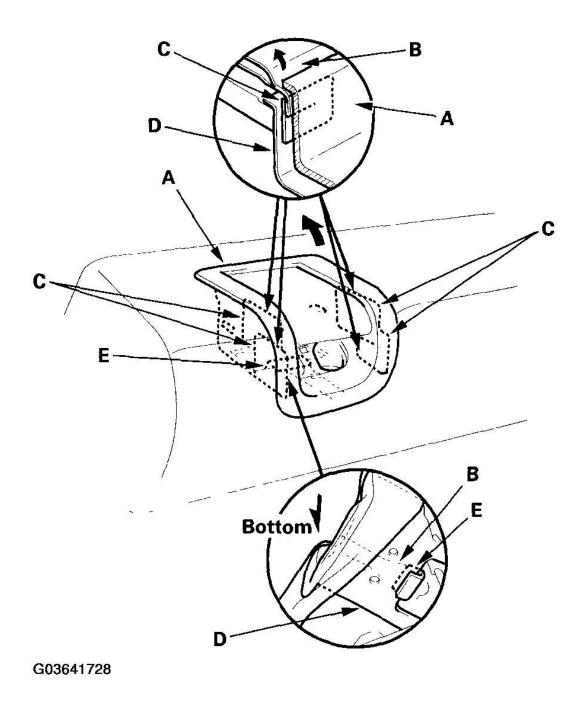
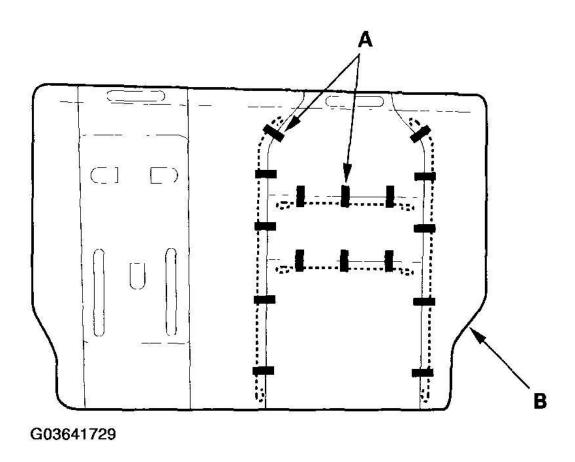


Fig. 52: Holding Recline Lever Away From Seat-Back Cover Courtesy of AMERICAN HONDA MOTOR CO., INC.

10. Pull back the edge of the seat-back cover all the way around, and release the clips (A), then remove the seat-back cover (B).



<u>Fig. 53: Releasing Clips To Remove Seat-Back Cover</u> Courtesy of AMERICAN HONDA MOTOR CO., INC.

- 11. Install the seat-back cover in the reverse order of removal, and note these items:
  - To prevent wrinkles when installing a seat-back cover, make sure the material is stretched evenly over the pad before securing the hook and clips.
  - Replace any clips (A) you removed with new ones using commercially available upholstery ring pliers (B).

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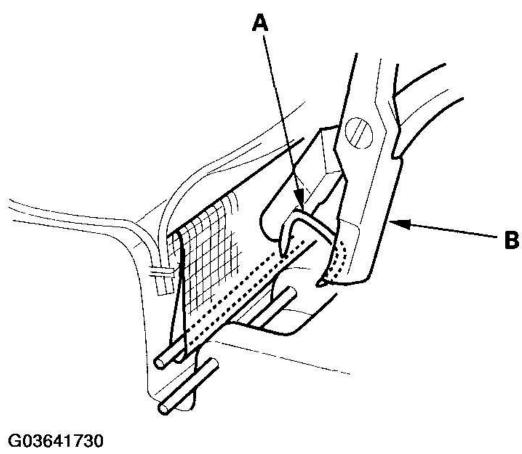


Fig. 54: Replacing Clips With Upholstery Ring Pliers Courtesy of AMERICAN HONDA MOTOR CO., INC.

#### **SEAT CUSHION COVER**

- 1. Slide the right second row seat forward fully.
- 2. Left second row seat: Remove the left second row seat belt center anchor bolt (see step 1 in **LEFT SEAT** BELT BUCKLE AND CENTER SEAT BELT DETACHABLE ANCHOR).
- 3. Remove the pivot bolt cover, and using a T30 Torx bit, remove the pivot bolt from both sides, left second row seat (see **LEFT SECOND ROW SEAT DISASSEMBLY/REASSEMBLY**), right second row seat, '03 model (see '03 MODEL'), '04-06 models (see '04-06 MODELS').
- 4. Lift the seat cushion (A) up. Release all of the hook strips (B, C) from under the seat cushion.

#### 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

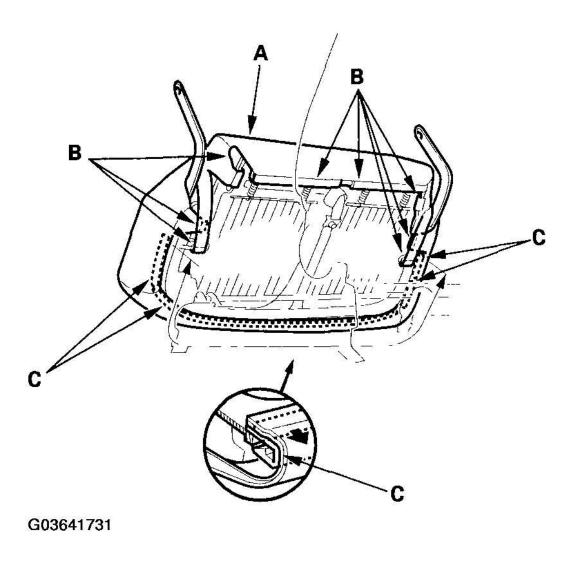


Fig. 55: Releasing Hook Strips From Under Seat Cushion Courtesy of AMERICAN HONDA MOTOR CO., INC.

- 5. Left second row seat: Remove the seat belt buckle pocket (see step 4 in <u>LEFT SEAT BELT BUCKLE AND CENTER SEAT BELT DETACHABLE ANCHOR</u>), then remove the left second row seat belt buckle and center second row seat belt detachable anchor complete from the seat cushion (see step 6 in <u>LEFT SEAT BELT BUCKLE AND CENTER SEAT BELT DETACHABLE ANCHOR</u>).
- 6. Pull back the edge of the seat cushion cover all the way around, and release the clips (A), then remove the seat cushion cover (B).

## 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

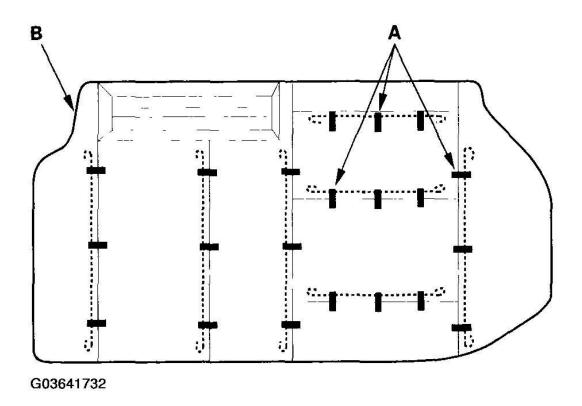


Fig. 56: Releasing Clips To Remove Seat Cushion Cover Courtesy of AMERICAN HONDA MOTOR CO., INC.

- 7. Install the seat cushion cover in the reverse order of removal, and note these items:
  - To prevent wrinkles when installing a seat cushion cover, make sure the material is stretched evenly over the pad before securing the clips and hooks.
  - Replace any clips (A) you removed with new ones using commercially available upholstery ring pliers (B).

#### 2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

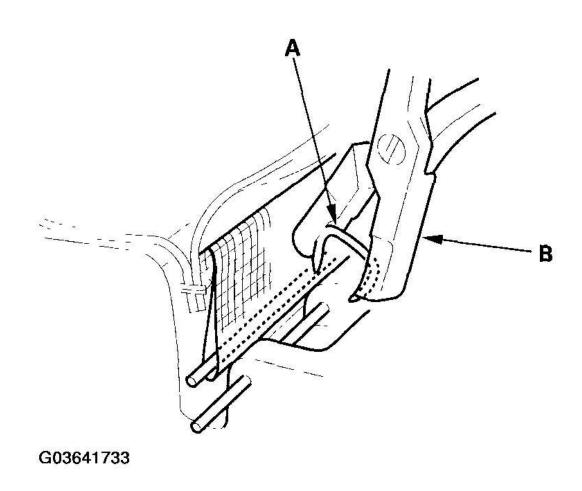


Fig. 57: Removing Clips Using Ring Pliers
Courtesy of AMERICAN HONDA MOTOR CO., INC.

# THIRD ROW SEAT REMOVAL/INSTALLATION

# **Special Tools Required**

KTC trim tool set SOJATP2014

- Use the appropriate tool from the KTC trim tool set to avoid damage when prying components.
- Take care not to scratch the body or tear the seat covers.
- Put on gloves to protect your hands.
- 1. Remove the front mounting bolt covers (A), then remove the front mounting bolts.

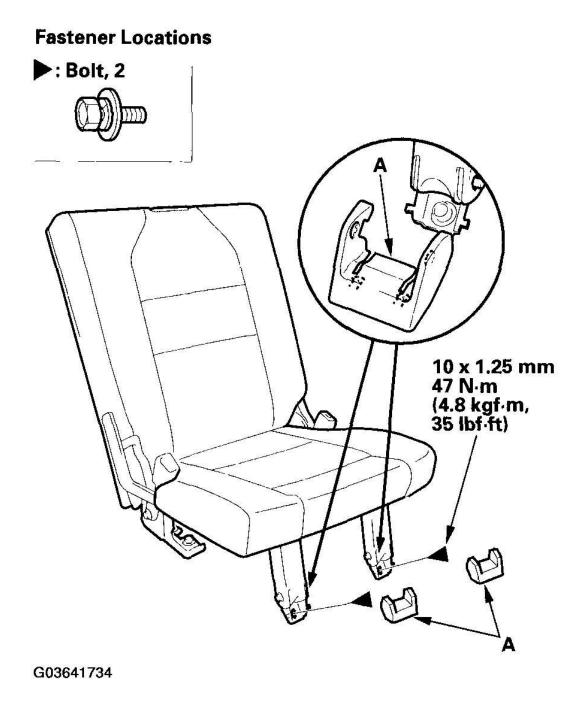


Fig. 58: Removing Front Mounting Bolt Covers Courtesy of AMERICAN HONDA MOTOR CO., INC.

- 2. Lift the seat cushion up.
- 3. Remove the rear mounting bolts, then remove the third row seat (A) through the tailgate opening.

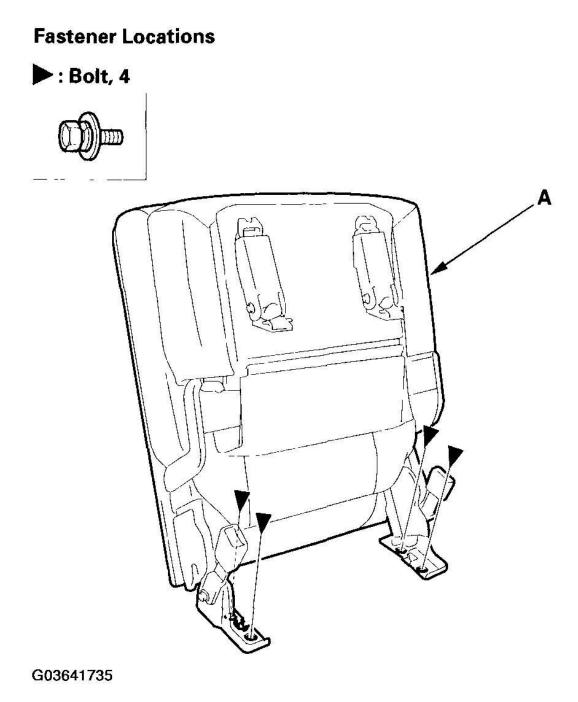


Fig. 59: Removing Third Row Seat Through Tailgate Opening Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Install the third row seat in the reverse order of removal.

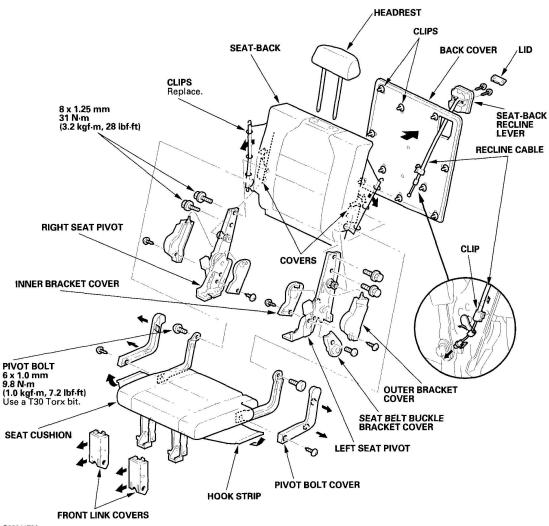
2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

## THIRD ROW SEAT DISASSEMBLY/REASSEMBLY

## **Special Tools Required**

KTC trim tool set SOJATP2014

- Use the appropriate tool from the KTC trim tool set to avoid damage when prying components.
- Take care not to kink the seat-back recline cable.
- Replace any damaged clips with new ones.
- Make sure the seat-back recline cable is connected securely.
- To prevent wrinkles in the seat-back cover, make sure the material is stretched evenly over the pad before securing the clip.



2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

Fig. 60: Third Row Seat Disassembly/Reassembly Courtesy of AMERICAN HONDA MOTOR CO., INC.

# THIRD ROW SEAT-BACK RECLINE CABLE REPLACEMENT

## **Special Tools Required**

KTC trim tool set SOJATP2014

- Use the appropriate tool from the KTC trim tool set to avoid damage when prying components.
- Take care not to kink the cable.
- 1. Remove the third row seat back recline lever (see <u>THIRD ROW SEAT</u> <u>DISASSEMBLY/REASSEMBLY</u>).
- 2. While holding the lever (A) open, carefully pry out the cover (B) with a flat-tip screwdriver to release the tabs (C), then remove it.

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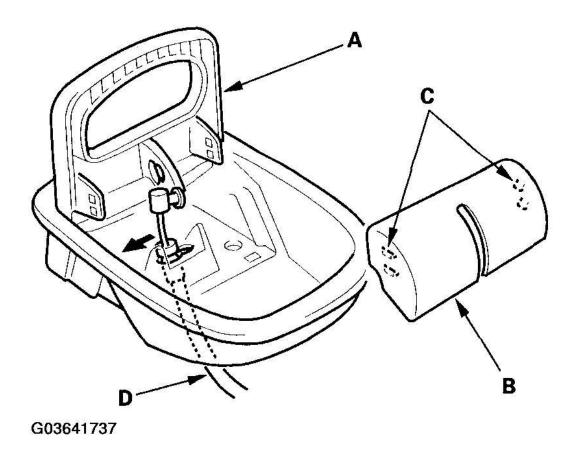


Fig. 61: Prying Out Cover With Screwdriver To Release Tabs Courtesy of AMERICAN HONDA MOTOR CO., INC.

- 3. Disconnect the recline cable (D).
- 4. Install the third row seat-back recline cable in the reverse order of removal, and make sure the cable is connected securely.

# THIRD ROW SEAT COVER REPLACEMENT

# **Special Tools Required**

KTC trim tool set SOJATP2014

- Take care not to scratch the interior trim.
- Use the appropriate tool from the KTC trim tool set to avoid damage when prying components.
- Take care not to tear the seams or damage the seat covers.

2003-06 ACCESSORIES & EQUIPMENT Seats - MDX

Put on gloves to protect your hands.

#### SEAT-BACK COVER

- 1. Remove both front mounting bolts, then lift the seat cushion up (see step 1 in **THIRD ROW SEAT REMOVAL/INSTALLATION**).
- 2. Remove the pivot bolt cover and pivot bolt from both sides, then remove the seat cushion (see <u>THIRD</u> **ROW SEAT DISASSEMBLY/REASSEMBLY**).
- 3. Pry out the lid (A), and remove the screws securing the third row seat-back recline lever (B).

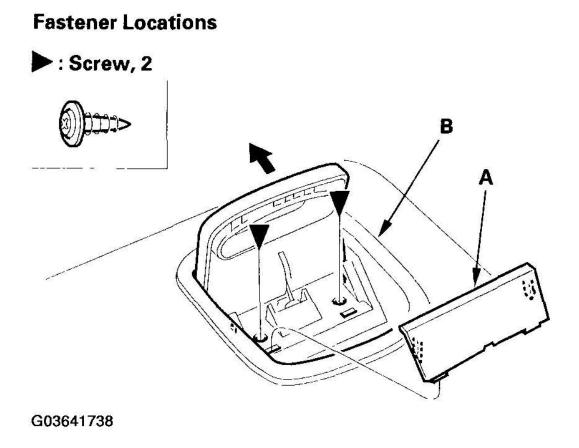


Fig. 62: Removing Third Row Seat-Back Recline Lever Screws Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Detach the clips (A, B), and remove the back cover (C) apart from the frame, then turn the cover to pass the recline lever (D) through a hole in the cover. Replace any damaged clips.

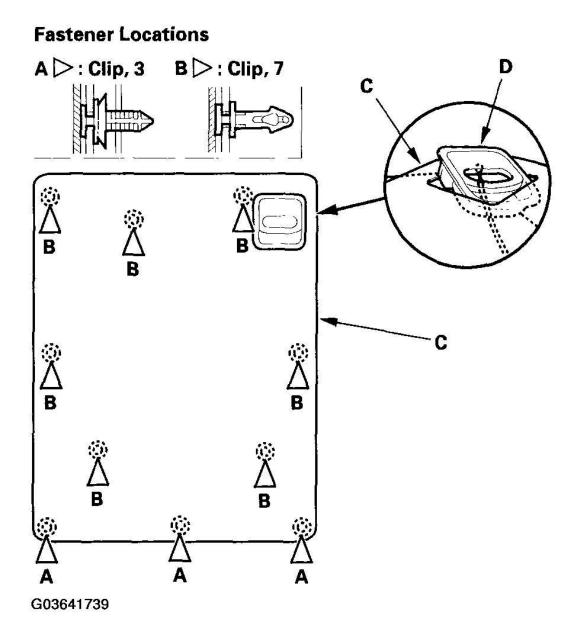


Fig. 63: Detaching Clips And Removing Back Cover Apart From Frame Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Release all of the clips (A) from behind the seat-back (B).

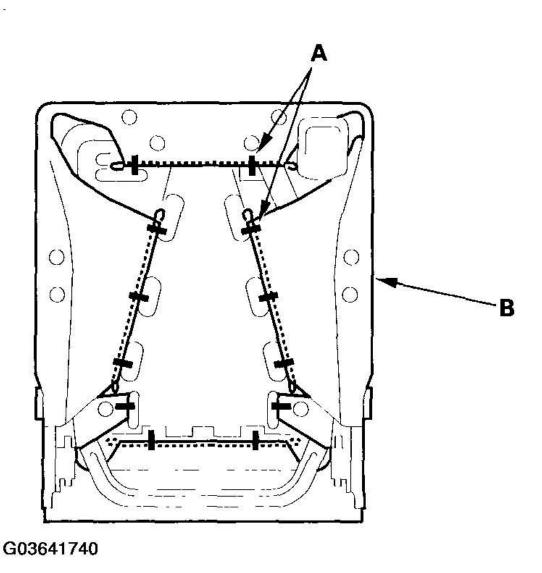
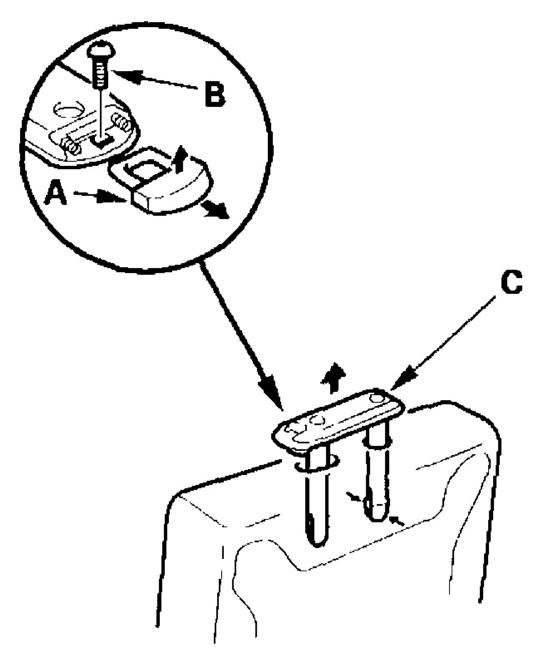


Fig. 64: Releasing Clips From Behind Seat-Back Courtesy of AMERICAN HONDA MOTOR CO., INC.

6. Lift and pull out the release button (A), and remove the screw (B), then remove the headrest guide (C).



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Fig. 65: Removing Headrest Guide
Courtesy of AMERICAN HONDA MOTOR CO., INC.

7. Pull back the edge of the seat-back cover (A) all the way around, then release all of the clips (B). Remove the seat back cover (C).

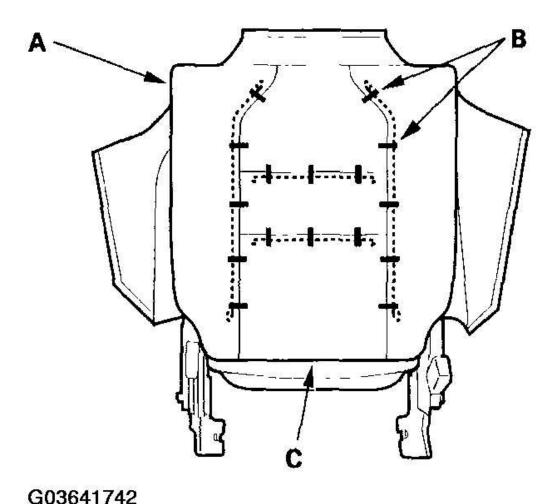


Fig. 66: Removing Seat Back Cover Courtesy of AMERICAN HONDA MOTOR CO., INC.

- 8. Install the seat-back cover in the reverse order of removal, and note these items:
  - To prevent wrinkles when installing a seat-back cover, make sure the material is stretched evenly over the pad before securing the hook and clips.
  - Replace any clips (A) you removed with new ones using commercially available upholstery ring pliers (B).

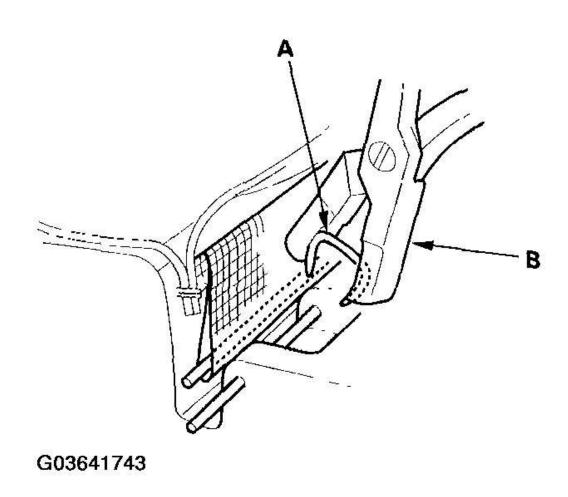
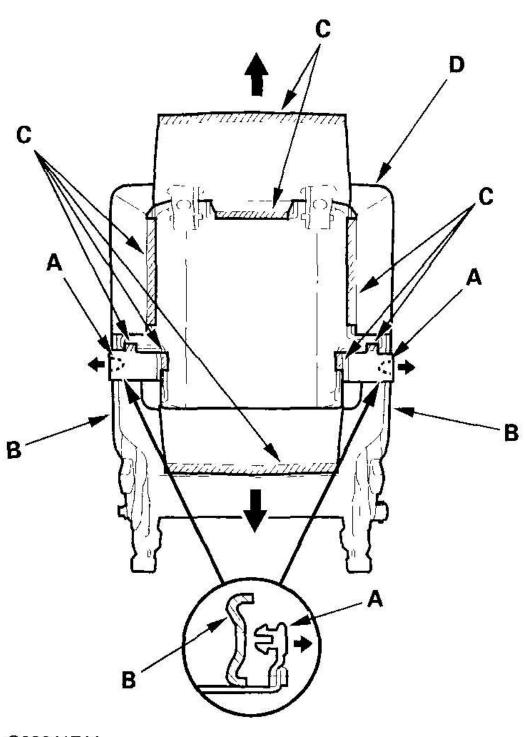


Fig. 67: Replacing Clips Using Upholstery Ring Pliers Courtesy of AMERICAN HONDA MOTOR CO., INC.

## **SEAT CUSHION COVER**

- 1. Remove both front mounting bolts, then lift the seat cushion up (see step 1 in **THIRD ROW SEAT REMOVAL/INSTALLATION** ).
- 2. Remove the pivot bolt cover from both sides (see **THIRD ROW SEAT DISASSEMBLY/REASSEMBLY**).
- 3. Detach the retainers (A) from both sides of the link (B), and release all of the hook strips (C) from under the seat cushion (D).

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# Fig. 68: Releasing Hook Strips From Under Seat Cushion Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Pull back the edge of the seat cushion cover (A) all the way around, and release all of the clips (B), then remove the seat cushion cover.

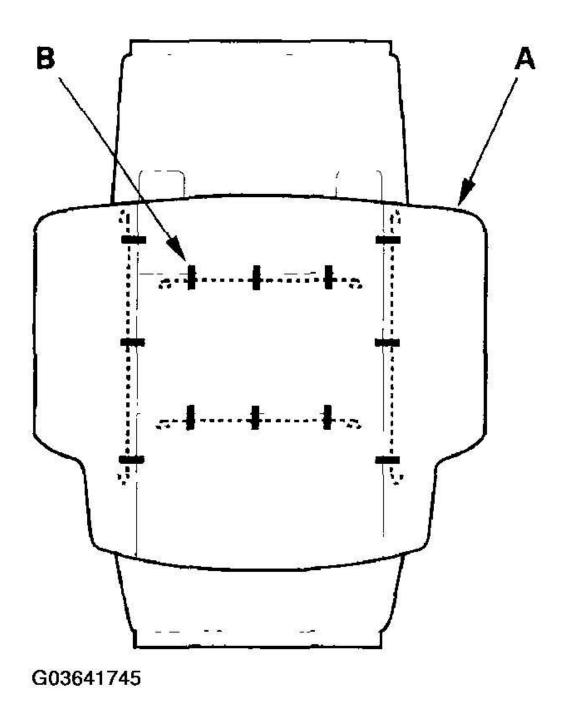


Fig. 69: Removing Seat Cushion Cover Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Install the seat cushion cover in the reverse order of removal, and note these items:

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- To prevent wrinkles, make sure the material is stretched evenly over the pad before securing all the clips.
- Replace all of the clips fastening the seat-back cover (A) and pad wire (B) with new ones (C) using commercially available upholstery ring pliers (D).

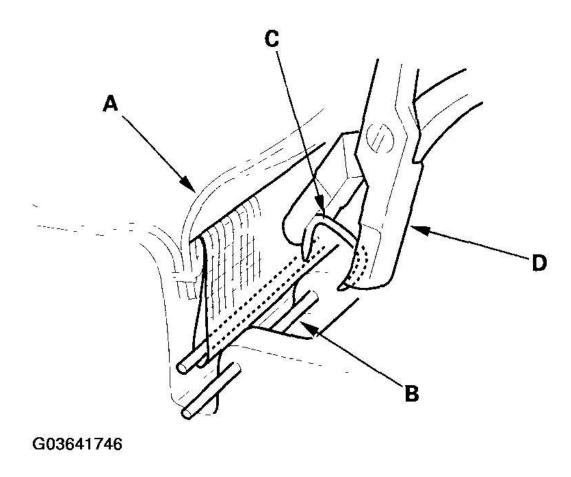


Fig. 70: Replacing Clips Using Upholstery Ring Pliers Courtesy of AMERICAN HONDA MOTOR CO., INC.