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COMPONENTS®

Formerly  Atwood® Mobile Products

6-WAY ADJUSTABLE
SEAT BASE (715780)
OEM INSTALLATION MANUAL

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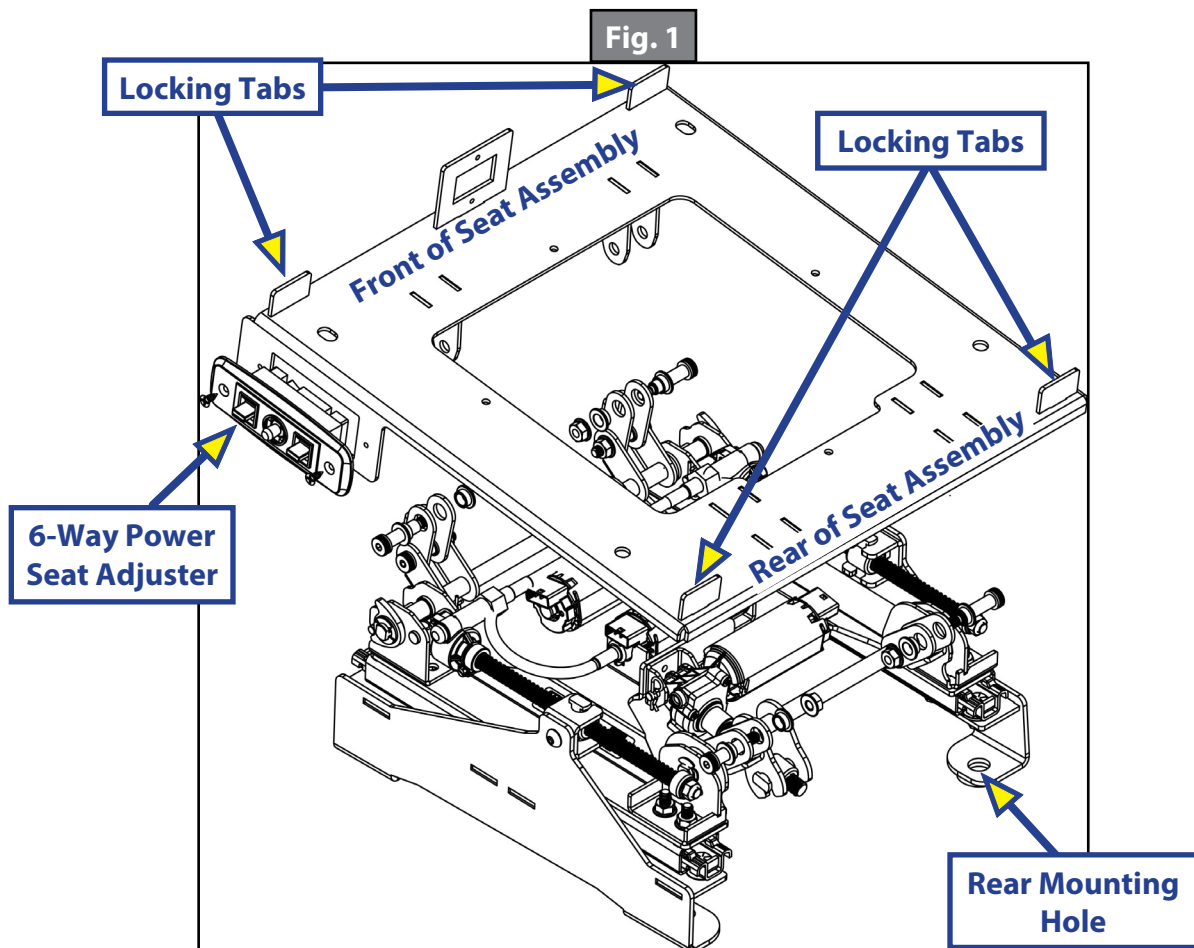
Product Information

The Atwood® 6-way adjustable seat base assembly (Fig. 1) is designed for ease of operation and allows adjustments to the driver's and/or the passenger's seat in a variety of positions to provide maximum seating comfort.

NOTE: This document pertains only to the Ford Class C chassis.

The following information was obtained from Atwood Literature Number 430248 effective March 2015 and updated for current practices.

Read and understand all instructions.



Safety

WARNING

All electrical connections must be disconnected according to the OEM guidelines and directions prior to performing this installation procedure. Failure to do so could result in death or serious injury.

CAUTION

Always wear eye protection when performing this installation procedure. Other safety equipment to consider would be hearing protection, gloves, and possibly a full face shield, depending on the nature of the installation procedure.

Resources Required

- 1-2 people, depending on task
- 18mm wrench
- T55 star bit (Torx)
- 15mm socket
- 6" socket extension
- 3/16" flat screwdriver
- Pliers
- #2 Phillips screwdriver
- Nylon zip ties, as required, depending on task

NOTE: As all configurations and installation methods of this seat cannot be known, it is the sole responsibility of the final stage manufacturer to ensure the complete installation is certified to meet current FMVSS requirements. The recommended careful use load limit for this swivel seat base is tested to 350 lbs, which includes the weight of the installed seat.

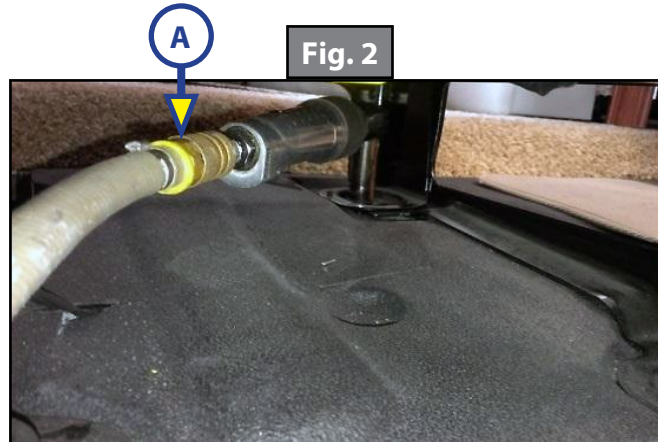
Preparation

Removing OEM Seat Assembly From Vehicle

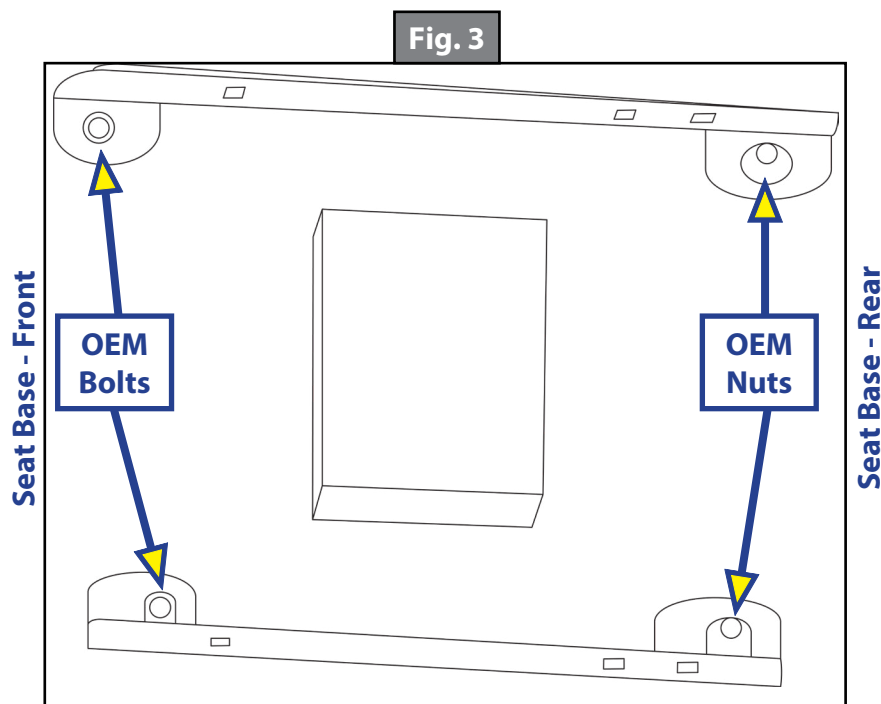
⚠ WARNING

Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

1. Disconnect the battery.
2. If applicable, disconnect the connector at lower front of the chair (Fig. 2A).
 - A. The connector is mounted to the underside of the OEM seat base just below the seat adjuster handle.
 - B. The locking mechanism is located on the outside of the rounded connector. Push down in the middle of this mechanism to disengage the lock and pull the connector apart.



3. Remove the four fasteners holding the OEM seat base to the floor.
 - A. Use an 18mm wrench or socket to remove the rear OEM nuts found underneath the seat at the rear corners of the OEM seat base (Fig. 3).
 - B. Use a T55 star bit to remove the front OEM bolts found underneath the seat at the front corners of the OEM seat base (Fig. 3).
4. Remove the OEM chair and OEM seat base assembly from the vehicle and place in a clean work area.



Removing OEM Seat Base and Seat Adjuster Handle

1. With the chair in an upright position, center the slide tracks.
 - A. Pull the seat adjuster handle up toward the seat.
 - B. Slide the chair back and forth until the bottom of the slide track is positioned fully under the top of the slide track.
 - C. Release the seat adjuster handle so that the slide track locks into position.
 - D. Make sure that the bottom of the slide track is not sticking out beyond the top of the slide track.
 - E. If necessary, repeat these steps until the slide tracks are positioned correctly.
2. Place the chair facedown on its front so there is room to access the bottom of the seat (Fig. 4).

Fig. 4



3. If applicable, disconnect the connectors and wire retainers from the seat base.
 - A. Grasp the connector and pull away from the bottom of the seat while wiggling the connector back and forth until it disconnects.
 - B. Grasp the wire retainer and pull away from the bottom of the seat while wiggling the retainer back and forth until it disconnects.
 - C. Repeat steps A and B for any other connectors or retainers connected to the seat base.
4. To remove the OEM seat base:
 - A. Use a 15mm socket and a 6" socket extension to remove the four 15mm nuts on the underside of the seat base that hold the seat base to the slide tracks. Where equipped, use access holes in the seat base to access fasteners.

NOTE: Do not discard the slide track nuts. Set removed nuts aside for later use.

- B. Remove the seat base from the chair.

NOTE: Do not attempt to remove the slide tracks.

5. To remove the seat adjuster handle (Fig. 5),

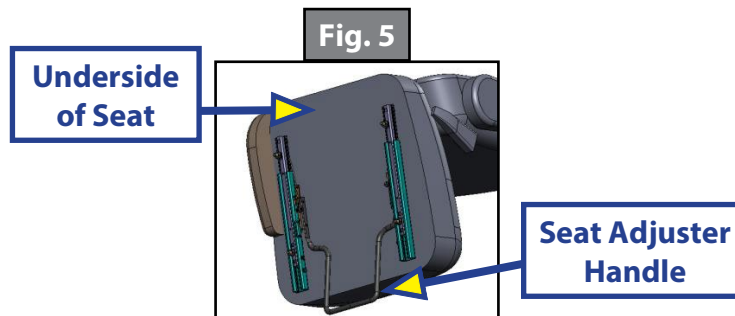
NOTE: Make sure the slide tracks are centered before removing the seat adjuster handle.

- A. Place a 3/16" flat screwdriver under the rotor clips that hold the seat adjuster handle to the slide tracks and pry them away from the slide tracks.
- B. Work the screwdriver around the rotor clip while prying the clip away from the slide track. The rotor clip should eventually be worked off of the slide track, releasing the seat adjuster handle.

NOTE: Pliers may also be used to pull the rotor clips off of the slide track.

- C. After both rotor clips are removed, remove seat adjuster handle.

Fig. 5



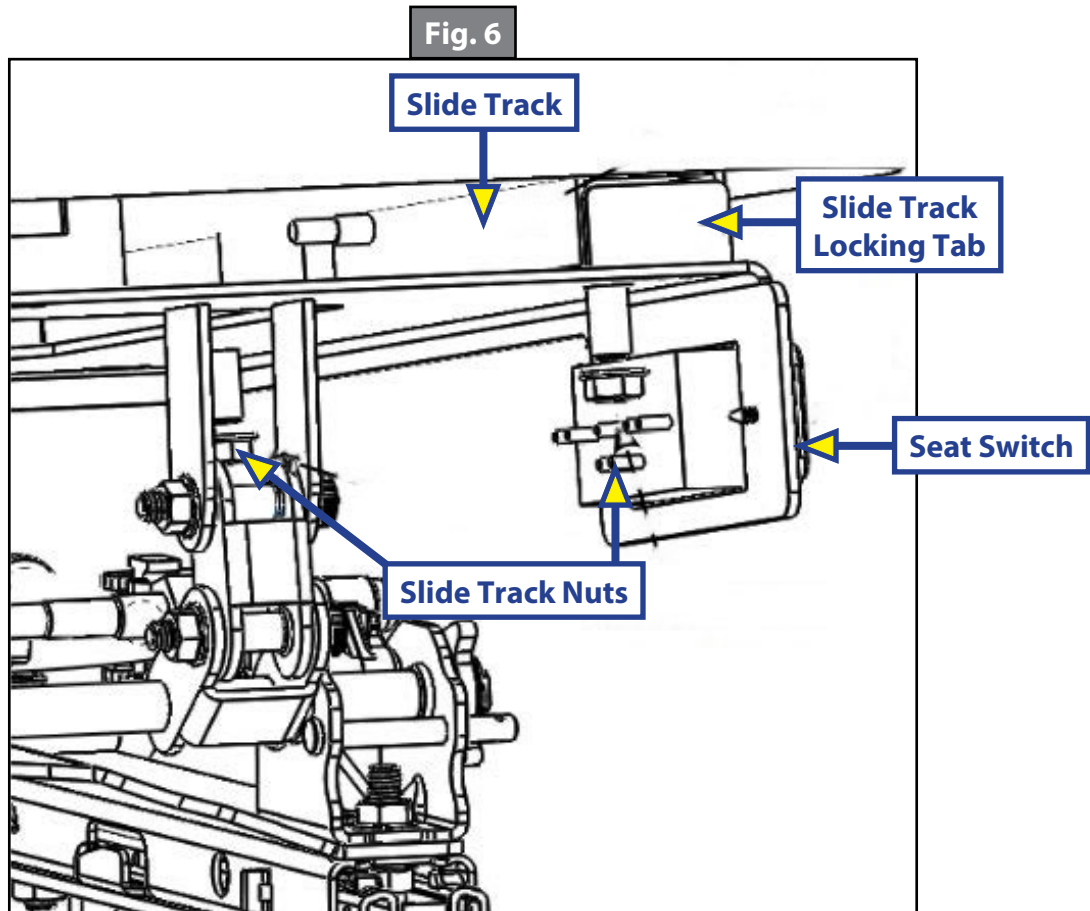
Installation

Attaching the Atwood 6-Way Adjustable Seat Base to OEM Seat

1. With the OEM chair laying facedown—placed on its front—, align the top of the adjustable seat base with the bottom of the chair.
2. Place the adjustable seat base onto the bottom of the slide tracks using the corresponding holes on the seat base.
 - A. The adjustable seat base assembly control pad is located on the side of the seat and towards the front—left side for the driver's kit, right side for the passenger's kit.
 - B. The OEM slide tracks should fit between the slide track locking tabs (Fig. 6). If not, the slide tracks may need to be centered.
3. Attach the adjustable seat base to the slide tracks by reinstalling the slide track nuts to the slide tracks. Use a 15mm socket with a 6" socket extension.

NOTE: The seat base assembly control pad may require loosening in order to tighten the 15mm slide track nut closest to it.

4. Torque the slide track nuts to 40 ft-lbs.

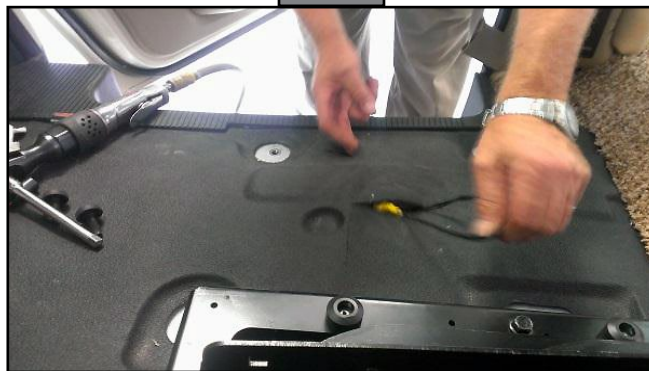


5. Reposition the electrical connection.
- A. If the electrical connection's position is between the front and rear fasteners on one side of the seat, it must be repositioned.
 - B. Move the electrical connection to the center position in the middle of the mounting holes.
 - C. Pull the wire from the OEM access in the floor padding (Fig. 7) and pull it through the center access in the floor padding (Fig 8).

Fig. 7

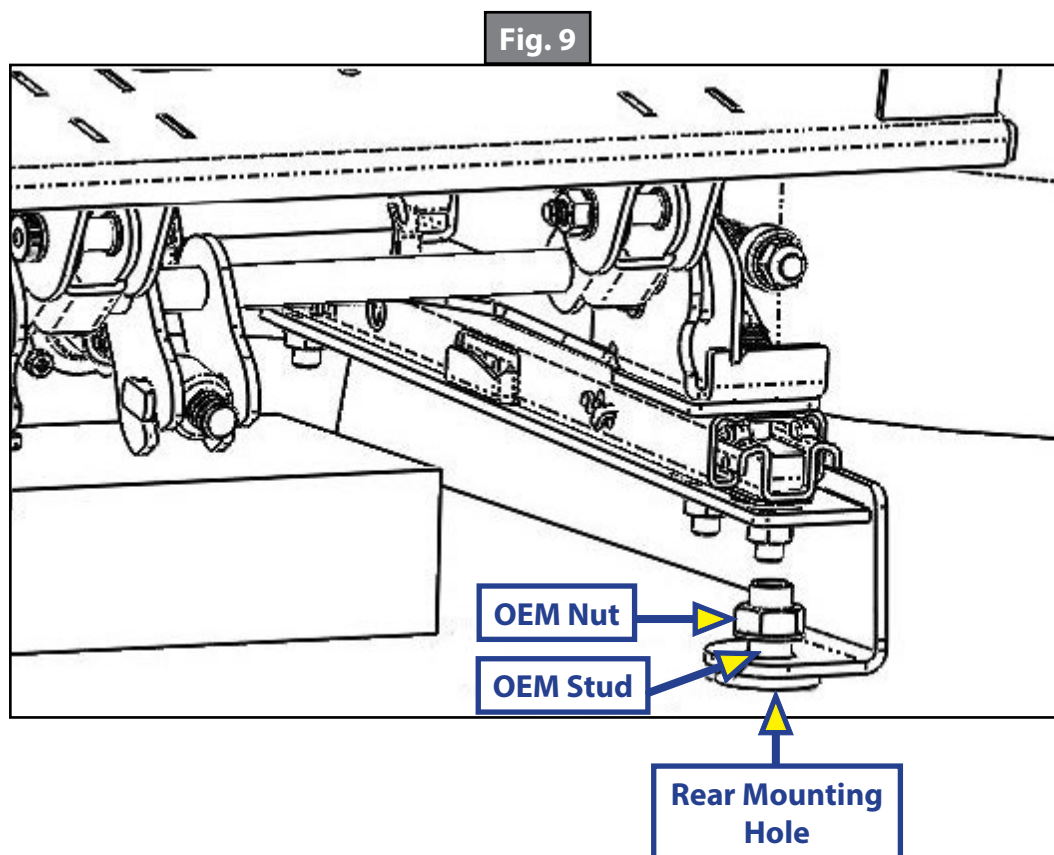


Fig. 8



Installing the Adjustable Seat Assembly

1. Place the assembled OEM seat and adjustable seat base assembly into the vehicle. Make sure that the OEM studs in the rear are through the seat assembly rear mounting holes (Fig. 9).



2. Install the OEM bolts in the front mounting holes using the T55 Star bit.
NOTE: Do not tighten the OEM bolts. Keep the front bolts slightly loose. The front of the seat assembly may need to be lifted to work the bolts in.
3. Place the OEM nuts on the rear OEM studs (Fig. 9). Bolt the rear down using the 18mm wrench.
NOTE: Do not tighten the OEM nuts. Keep the rear OEM nuts slightly loose so the seat base can still move. The back of the seat assembly may need to be lifted a little to start the nut on the rear studs.
4. Connect the adjustable seat's power to the power connector found on the floor.
 - A. Insert nylon zip ties through a minimum of three holes in the top front of the seat base assembly (Fig. 10).
 - B. If using only the driver's side adjustable seat base assembly, connect the short power adapter into the adjustable seat base switch power connector on the driver's side.

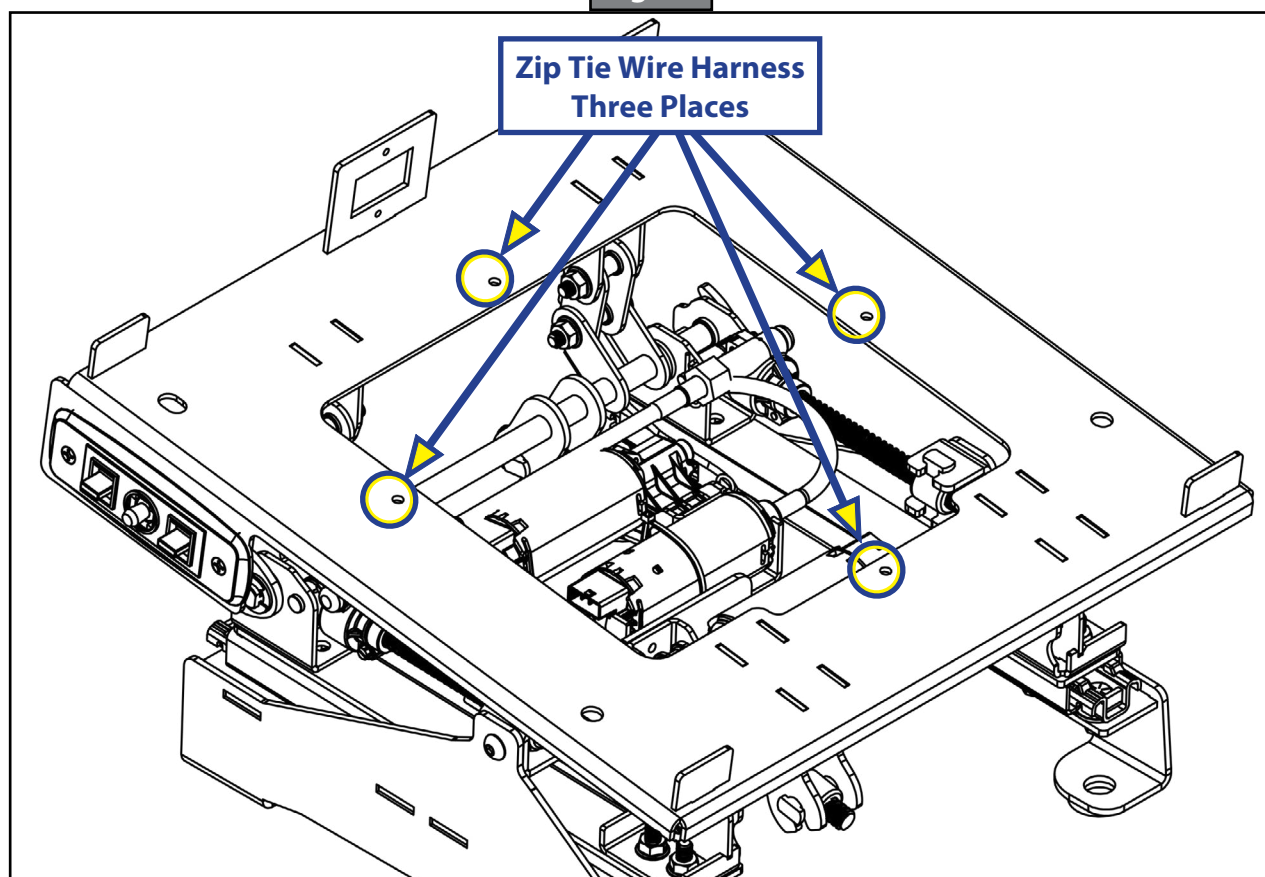
- C. If using both the driver's side and passenger's side adjustable seat base assembly,
 - I. Connect the long lead of the power adapter into the seat base switch power connector on the passenger's side and the short lead of the power adapter to the seat base switch power connector on the driver's side.
 - II. If needed, run the passenger side lead from the driver's side to the passenger's side by placing it under the carpet.
 - III. Connect the large connector in the power adapter to the mating power connector provided under the driver's seat.

⚠ CAUTION

Do not attach zip ties to moving components.

- 5. Using the previously installed nylon zip ties, wrap and tie the wire harnesses to the underside of the seat.
- 6. Connect the battery.
- 7. To finish installation of the adjustable seat base assembly:
 - A. Move the seat so that it is positioned at approximately its mid-forward/backward travel points and midway between fully lifted and fully lowered.
 - B. Torque down the OEM bolts and OEM nuts to 40 ft-lbs.

Fig. 10



Operation

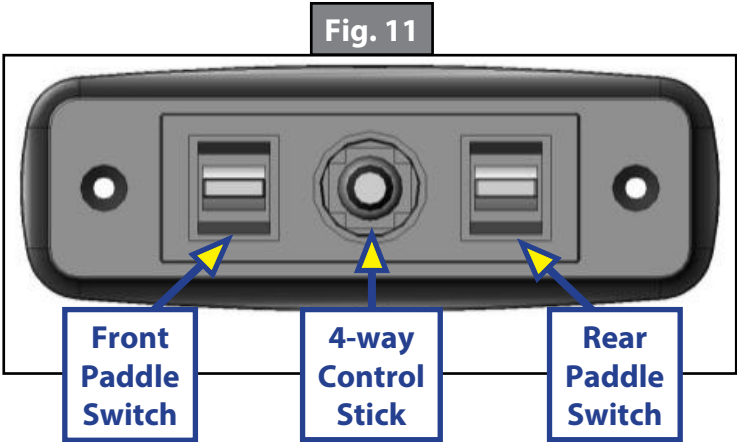


Moving parts can pinch, crush or cut. Keep clear and use caution. Do not put hands or feet under or around the moving parts of the seat while using the 6-way power seat adjuster.

Operating the Adjustable Seat Assembly

The Atwood 6-way adjustable seat base assembly is designed for ease of operation through a simple user interface (Fig 11). The power seat adjuster consists of two paddle style switches and a 4-way control stick to allow the seat to move in multiple positions.

- 1. Move the seat into the desired seating position using the front paddle switch, the 4-way control stick or the rear paddle switch.
 - A. Paddle switches work by pressing the switches up and down to control the front or rear motors for seat cushion angle adjustment.
 - B. The 4-way control stick moves the seat assembly in the up, down, forward and backward positions.
 - C. See the 6-Way Power Seat Adjuster table for descriptions of seat adjustment controls.



6-Way Power Seat Adjuster		
Control	Action	What happens
Front Paddle Switch	Press up	Raises the front of the seat cushion
	Press down	Lowers the front of the seat cushion
4-Way Control Stick	Press up	Raises the seat cushion
	Press down	Lowers the seat cushion
	Press forward	Moves the seat assembly forward
	Press backward	Moves the seat assembly backward
Rear Paddle Switch	Press up	Raises the rear of the seat cushion
	Press down	Lowers the rear of the seat cushion

Maintenance

The 6-way adjustable seat base assembly was designed to be maintenance free throughout the life of the unit. No additional maintenance is necessary.

Cleaning

The 6-way power seat adjuster can be cleaned with a mild interior automotive or household cleaner. Do **NOT** pour or spray cleaner directly onto the seat adjuster. Use a dampened cloth.

NOTE: Do not remove the adjustable seat base assembly or the power seat adjuster while cleaning.

When cleaning the power seat adjuster, make sure water or excessive cleaning products do **NOT** get inside the seat. Additional water or cleaning products inside the adjustable seat base or seat adjuster can cause premature corrosion and failure of the electrical components.



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