

INSTRUCTION SHEET

Pulse Transit Kit Installation

(Please read and understand instructions before beginning installation)

Tools Required:

- 2mm Allen Wrench
- 5mm Allen Wrench
- 6mm Allen Wrench
- 13mm End Wrench
- 13mm Socket Wrench
- Flat Blade Screw Driver
- 6" Ratchet Extension
- 6mm Allen Wrench with socket end
- Torque Wrench

Install Rear Transit Bracket:

- 1) Remove the rear Shroud by pulling up on the bottom of the shroud and sliding out.
- 2) With the seat down remove the right side pin (Fig 1.1) and replace with one of the 50 mm long hex bolt (Fig 1.2). Repeat for the left side.



- 3) Remove the Knobs securing the seat (Fig 1.3). Tilt the seat back.

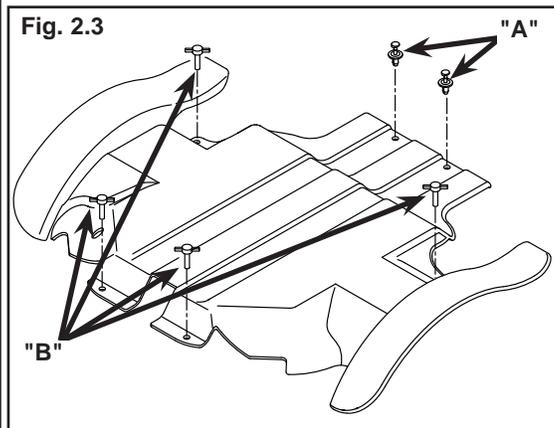
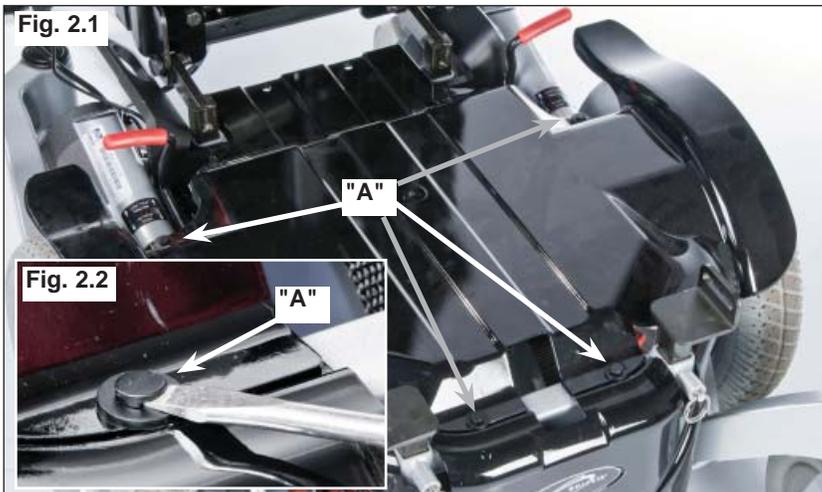


FOR DEALER USE Installed by: _____ Serial #: _____ Date: _____ (retain as record of installation)

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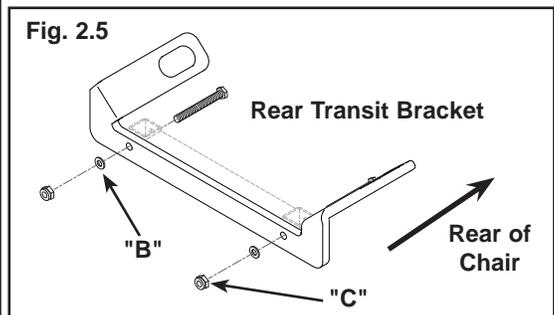
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- 4) Remove the top shroud by removing the four fasteners ("A") securing the shroud (Fig 2.1). Remove the fasteners by inserting a screw driver under the button of the black plastic fastener and prying upwards (Fig 2.2). Pull the button completely out and then remove the expanding portion of the fastener. Save parts for re-installation. Newer chairs may utilize four thumb screws ("B") and two fasteners (Fig 2.3). In this case unscrew the thumb screws and remove the fasteners.



- 5) Install the Rear Transit Bracket (Fig 2.5) over the ends of the protruding hex bolts (Fig 2.4).
 Note: It may be necessary to reroute wiring on some seating systems such as those equipped with tilt, distribution block or TM40.

- 6) (Fig 2.5) Install washers ("B") and 13mm lock nuts ("C") and use 13mm socket and wrench to torque to 12 ft./lbs.



- 7) Affix a transit attachment decal as shown (Fig 2.6) on both sides.

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Install Front Transit Brackets:

- 1) Use a flat blade Screw Driver to remove the right side hub cap (Fig 3.1).
- 2) Use a 6mm Allen Wrench to break loose the four Socket Head Cap Screws holding the wheel to the hub (Fig 3.2).
- 3) Support the Frame of the Pulse wheel chair. Then completely remove the four Socket Head Cap Screws.



- 4) Insert 2 of the 60 mm long Socket Head Cap Screws thru the right side Transit bracket and through the two open holes (Fig 3.3) on the motor mount bracket found on the upper front corner of the frame.
- Note: The Front Transit Bracket loops should be angled to the outside with the screws on the bottom when properly installed. (Figs 3.4 & 3.5)
- 5) Install washers and 13 mm lock nuts. Use 6mm allen socket on torque wrench and 13mm wrench to torque to 12 ft./lbs.
 - 8) Affix transit attachment decal as shown. (Fig 3.4)

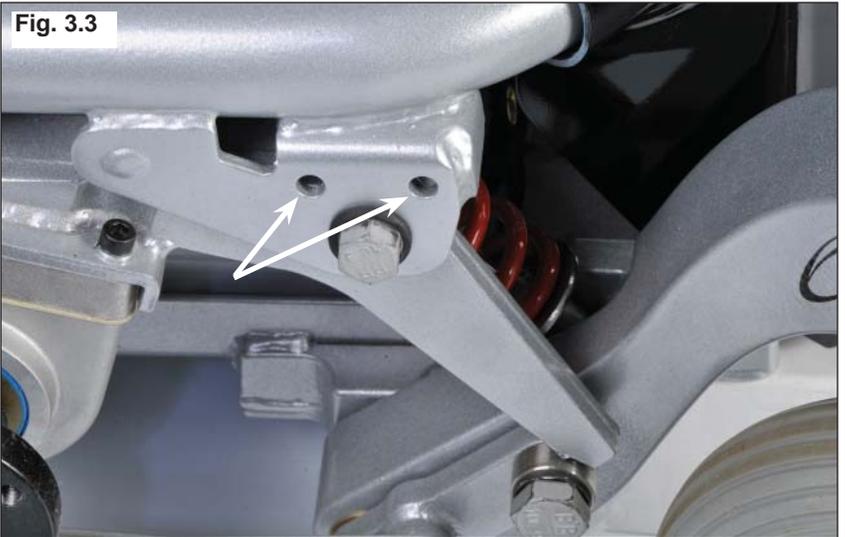


Fig. 3.5

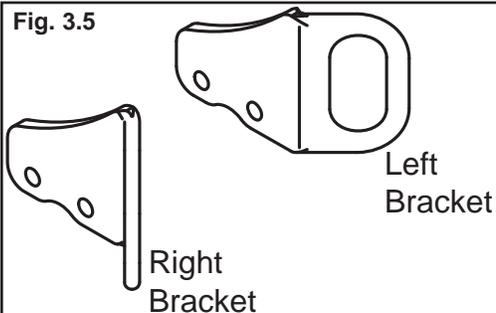


Fig. 3.4

- 6) Repeat for left side.
- 7) Re-install both wheels and torque the 4 Socket Head Cap Screws to 12 ft./lbs. and replace hub cap
- 9) Re-install Top Shroud and Rear Shroud.

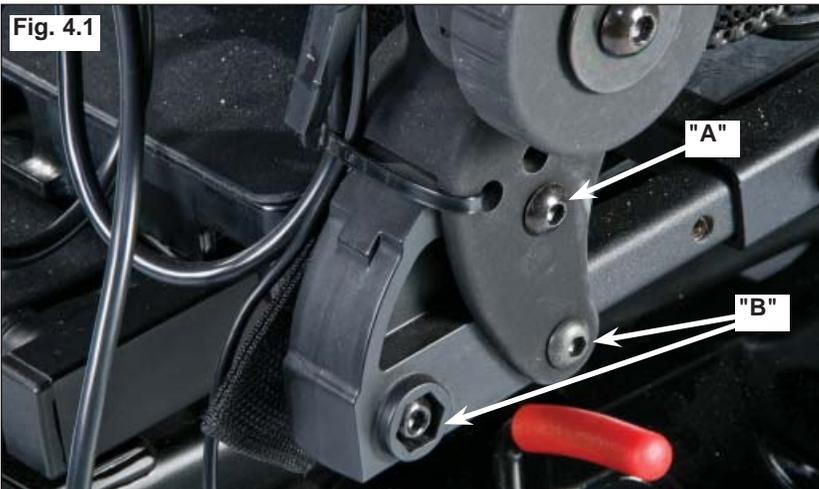
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10) Tilt seat back down and secure with the two knobs.

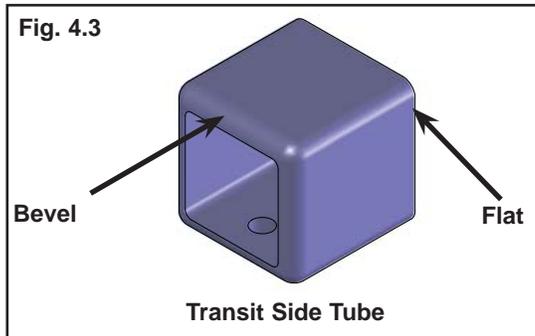
Install ASAP Seat Transit Brackets:

1) Use a 6mm Allen wrench to remove the 3 Button Head Cap Screws ("A"&"B") securing the Right side seat angle bracket to the seat base (Fig 4.1). Note the position of the seat angle bolt ("A") for reinstallation. Discard the original Button Head Cap Screws. Remove any wiring attachments that



interfere.

- 2) Slide the plastic seat angle bracket off the seat base extension (Fig 4.2).
- 3) Slide the Transit Side Tube (not required on 16" seat depth) onto the seat base extension with the flat side towards the front of the chair and the beveled side towards the back of the chair (Fig 4.3) make sure that the set screws are on the bottom with the Transit Side Tube flush to the seat base tube, use a 2 mm allen wrench to tighten the two set screws on the bottom of the Transit Side



- Tube.
- 4) Slide the plastic seat angle bracket back onto the seat base extension tube
- Note: Make sure to insert the M6 lock nut back into the rear most hole (Fig 4.4) before proceeding to mount the Seat Transit Bracket

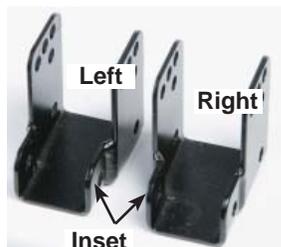
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- 5) Slide the Right Seat Transit Bracket over the outside of the assembly.

Note: Check the inset on the back of the Seat Transit Bracket. The inset always goes to the inside (Fig 5.1).

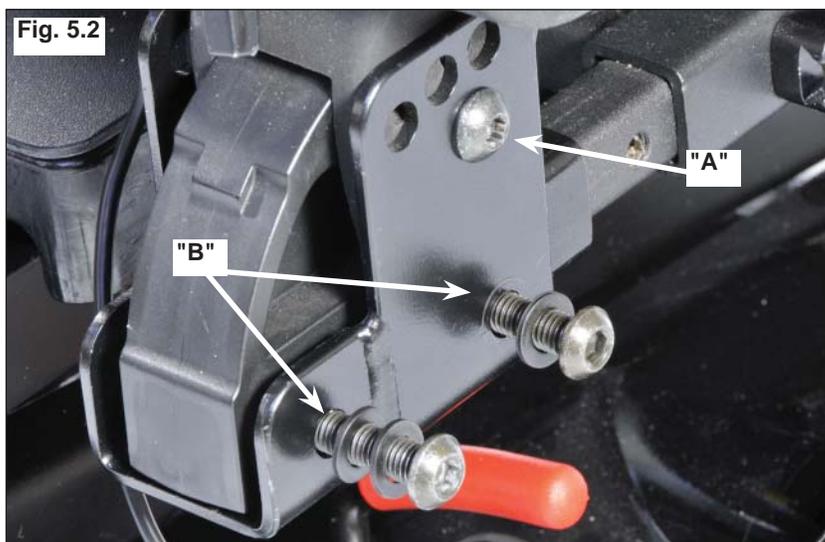
Fig. 5.1 Seat Transit Brackets



- 6) (Fig 5.2) Install the new 65 mm long button head cap screw ("A") in the same position as the original screw. Use the shorter 55 mm long button head cap screws ("B") in the bottom two positions. (Fig 5.2)

Note: the rear most screw requires 2 washers
the bottom front screw require 1 washer and the

Fig. 5.2



top screw requires no washers.

- 7) Install 13mm Jam Nut on the rear most screw and torque to 12 ft./lbs (Fig 5.3).
- 8) The Positioning Belt will be re-installed on the top screw, secure with 13mm Jam Nut and torque to 12 ft./lbs

Fig. 5.3



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10) Repeat for the Left side.

9) Reconnect and secure wiring as needed.

Fig. 6.1

