

ERGO 2-POINT SEAT BELT INSTRUCTIONS

Assembly Instructions

TOOLS NEEDED

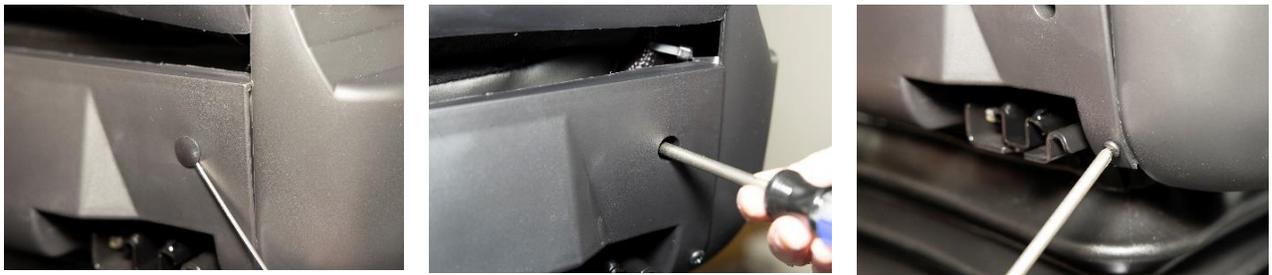
1x Phillips #2
screwdriver
1x small pick or flat
head screwdriver
1x large flat head
screwdriver
1x 5/8"
wrench/socket
1x 13 mm
wrench/socket
1x 6 mm Allen
wrench
1x Torque wrench



INSTRUCTIONS

STEP 1: If the buckle is being replaced and the seat has seat belt alarm, remove hole plugs from lower rear trim panel using small pick. Save for re-use. If the seat does not have an alarm, only remove the screws shown in the 3rd image. The rear trim panel does not need to be removed. Remove rear lower trim panel using Phillips #2 screwdriver. Set aside caps, screws, and panel (figure 1).

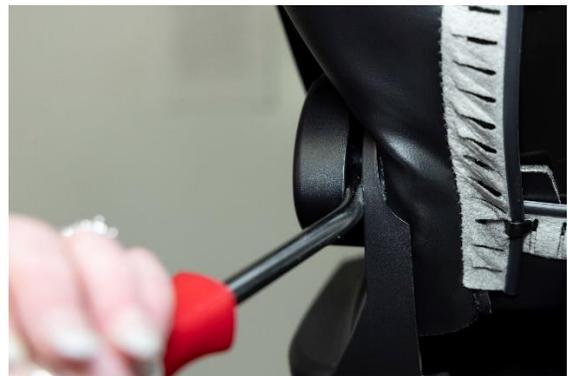
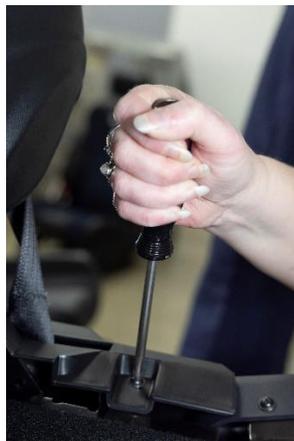
FIGURE 1



STEP 2: Lift back of cushion foam to remove from the Velcro pieces securing to the cushion frame. Flip cushion foam forward over thigh extension to access the side trim panel.

STEP 3: Remove left rear trim panel by removing the screw securing to the cushion frame with a Phillips #2 screwdriver. Remove the recliner hand wheel by prying it off with a large flat head screwdriver. Slide panel upward along seat belt retractor sleeve to access the retractor bolt mounting location (figure 1).

FIGURE 2



STEP 4: Remove lap anchor bolt from the cushion frame using a 5/8" hex wrench. Set aside washers and bolt. If the seat also has a 3-point retractor, add a clip or some other method to ensure the webbing does not retract too far into the 3-point retractor (figure 3).

FIGURE 3



STEP 5: Remove old seat belt assembly from the seat.

STEP 6: Place the 3/8" washer on to the bolt, then the 2-point retractor, then the 7/16" washer. Torque to 50 Nm (figure 4).

FIGURE 4



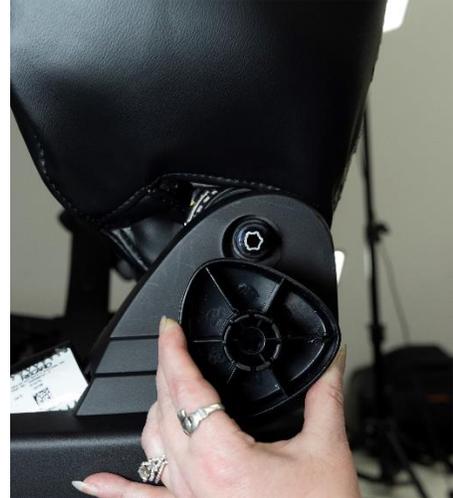
STEP 7: If the seat also has a 3-point seat belt, route the lap anchor through the opening in the left side trim panel, ensuring there are no twists in the webbing. Place the 3/8" washer on the bolt, then the 2-point retractor, and then the lap anchor. Install the bolt into the attachment location on the seat. Torque to 50 Nm (figure 5).

FIGURE 5



STEP 7: Slide the side trim panel down the sleeve on the retractor and align over the mounting location on the cushion frame. Secure the screw with a Phillips #2 screwdriver. Reinstall recliner hand wheel onto the transmission rod. The handwheel is keyed to align with the shape on the rod (figure 6).

FIGURE 6



STEP 8: To replace the buckle on the right-hand side of the seat, remove the recliner hand wheel and the rear side trim panel, as was removed for the retractor removal. Remove the buckle with a 5/8" socket. If the seat is equipped with a seat belt alarm, disconnect the buckle wire harness connector from the jumper harness and remove the zip ties securing it to the cushion frame. (figure 7).

FIGURE 7



STEP 9: Install the new buckle onto the seat using the 7/16-20 shoulder bolt, washer, and spacer. Torque to 50 Nm. If the seat was equipped with a seat belt alarm, connect the harness to the jumper harness. Add zip ties to the back of the cushion frame to hold the harness securely. If the seat does not have an alarm, the harness can be cut off the buckle assembly at the base of the heat shrink tubing. (figure 8).

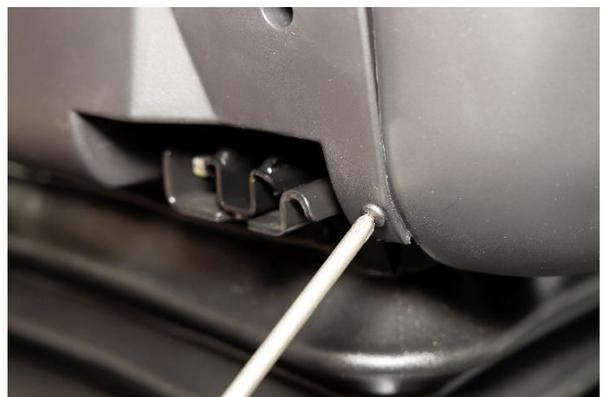


FIGURE 8

STEP 10: Reinstall the rear side trim panel and recliner hand wheel on the right-hand side of the seat, as was completed on the left-hand side of the seat.

STEP 11: Reinstall rear trim panel over the seat belt retractor on the back of the cushion frame with 2 screws using a Phillips #2 screwdriver. Install 2 pan head screws to the lower corners of the rear trim panel to the left and right-side trim panels. Insert hole plugs into the 2 holes in the rear trim panel (figure 9)

FIGURE 9





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