

ERGO M (AM80, AM72 & AM71)

SEAT BELT BUCKLE FIELD REPLACEMENT INSTRUCTIONS

Before ordering buckles, please inspect the buckles to see if the Julian Date on the buckle falls within the time frame needed for replacement

Ergo M AM80 REPLACEMENT INSTRUCTIONS

Tools Needed:

- Phillips #2 screwdriver
- Large Flat head screwdriver
- Side cutters
- Small pick
- 5/8" hex wrench/socket
- Torque wrench

1. Remove hole plugs from lower rear trim panel using small pick. Save for re-use. Remove rear lower trim panel using Phillips #2 screwdriver. Set aside caps, screws, and panel.



2. Remove hand wheel from the recliner on the same side as the buckle by prying gently with a large flat head screwdriver. Remove rear side trim panel using Phillips #2 screwdriver. Move to the side to gain access to the seat belt buckle bolt.



3. Disconnect the electrical connector from the seat belt buckle to the jumper harness, if the seat is equipped with a seat belt alarm. Cut the small zip tie with side cutters, ensuring the wire harness is not damaged.



Buckle on LH side of seat



Buckle on RH side of seat

4. Using a 5/8" socket, remove the seat belt buckle bolt from the J bracket. (Option shown below is on the left hand side, the buckle can be installed on the left or right side.)



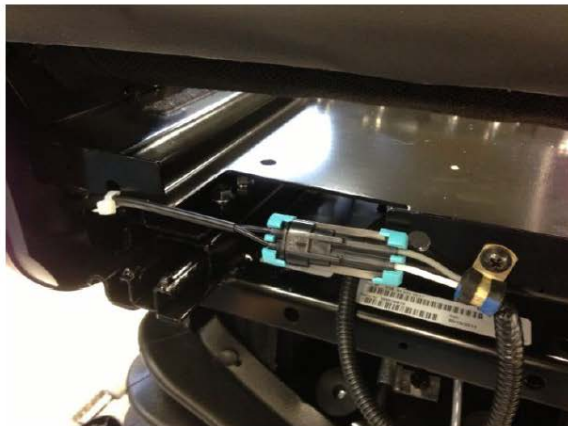
5. Remove the buckle and hardware from the seat. Set aside to return to RECARO. Record to serial number of the seat to tag the buckle. The serial number is located on the white 4X1 sticker located on the top rear plate of the suspension.



6. Obtain the new buckle and route the end of the buckle through the opening in the side rear trim panel. Place large washer & buckle on J bracket and hand start bolt. If the seat does not require a seat belt alarm, cut the wire off as close the base of the heat shrink tubing as possible. If it does require an alarm, ensure the washer does not pinch the wire harness. Torque to 50 +/- 4 Nm.



7. Connect the seat belt alarm on the buckle to the jumper harness on the seat. Loop the small zip tie around the cushion frame to ensure the wire harness is routed the same as it was previously.



Buckle on LH side of seat



Buckle on RH side of seat

8. Replace the side trim panel and secure the screw to the cushion frame with the Phillips #2 screwdriver. Replace the recliner knob on the recliner shaft, ensuring it is symmetrically installed with the opposite side. Replace the rear trim panel and secure all 4 screws and replace the hole plugs.

Ergo M and MCII AM71/72 (TETHER BAR MOUNTED) REPLACEMENT INSTRUCTIONS

Tools Needed:

- Small pick
- Side cutters
- 5/8" hex wrench/socket
- Torque wrench

1. Using a small pick, remove the cap from the seat belt buckle bolt on the side of the tether bar.
2. If the seat is equipped with a seat belt alarm, cut the small zip tie with side cutters, ensuring the wire harness is not damaged. Raise the seat to full up to ensure access is maintained to the seat belt wire harness, in the back of the suspension. Disconnect the seat belt buckle from the jumper on the seat.



Example of left hand, normally-closed buckle

3. Using a 5/8" socket, remove the seat belt buckle bolt from the tether bar. (Option shown below is on the left hand side, the buckle can be installed on the left or right side.)

Standard LH belt, tether configuration (buckle side close to suspension)



Standard N/C buckle



Standard N/O buckle

Shifted LH belt, tether configuration (buckle side extended away from suspension)



Shifted tether bar N/C buckle



Shifted tether bar N/O buckle

- Remove the buckle and hardware from the seat. Set aside to return to RECARO. Record to serial number of the seat to tag the buckle. The serial number is located on the white 4X1 sticker located on the top rear plate of the suspension.



- Install seatbelt buckle (N/C standard-30822807E-01, N/O-30987307E) with bolt (30819307) and washer (30822707) under the head of the bolt and one of the following (ensuring the wire harness does not get pinched between any of the washers):

	Washer stack between buckle and tether bar	
	N/C buckle (normally closed)	N/O buckle (normally open)
Standard tether bar config.	1	3
Shifted tether bar config.	0	2

Standard LH belt, tether configuration (buckle side close to suspension)



Standard N/C buckle



Standard N/O buckle

Shifted LH belt, tether configuration (buckle side extended away from suspension)

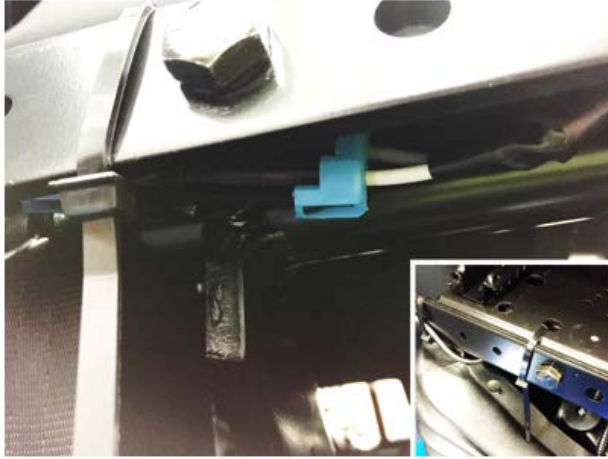


Shifted tether bar N/C buckle

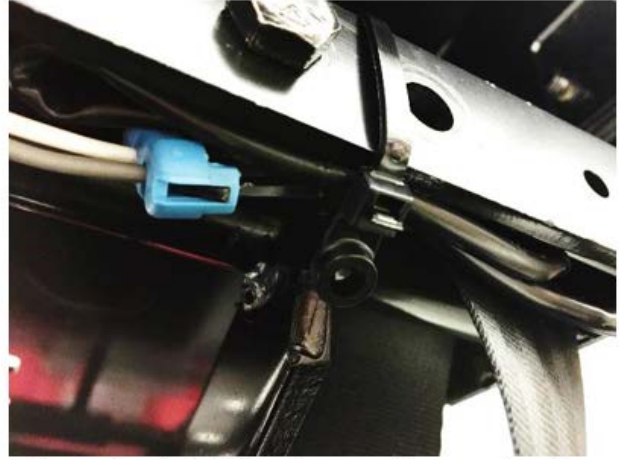


Shifted tether bar N/O buckle

6. Connect the seat belt alarm on the buckle to the jumper harness on the seat. Loop the small zip tie around the cushion frame to ensure the wire harness is routed the same as it was previously. Secure the buckle wire high on the back side of the tether bar with a zip tie at the 90° bend of the bar. Angle the routing of the buckle wire down toward the bottom edge of the tether bar and secure with a second wire tie as close to the suspension as possible. Clip off the excess ends of the wire ties.



Example of left hand, normally-closed buckle



Example of right hand, normally-open buckle

7. Torque the buckle bolt to 50 +/- 4 Nm. Replace the bolt cap.

Do not throw out the old buckles. RECARO requires all replaced buckles returned to:

RECARO North America

4120 Luella Lane

Auburn Hills, MI 48326

RA # _____

Attn: QC (Seatbelt Buckle Recall)

UPS Ground Collect: 698 626

Any questions, contact John Marble, RECARO QC

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