

**Seat belt retractor swap on Freedman Seating GO-ES Flip Seat– instructions for Winnebago dealers and end users**

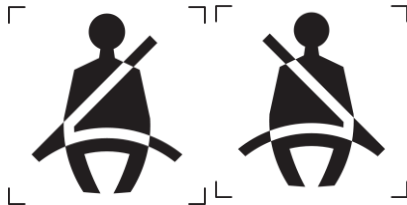
Approximate time required to do repair: 20 mins

Tools Needed:

- Tack remover
- 5/8" Wrench (Ratcheting)
- 9/16" open end wrench
- 11/16" open end wrench
- 5/8" & 11/16" deep well sockets
- Thread locker - medium strength

Directions:

- 1) Check the tag on the seat belt near the seat bite and confirm that the right-hand belt (Coming of your Right Shoulder while seated) has PN: 27646 and the pictogram shows the belt over the right shoulder and the Left-Hand belt (coming off your left shoulder while seated) has PN: 27647 and the pictogram shows the belt over the left shoulder. If these match your belts are installed correctly, nothing is needed. If they do NOT match continue to the next step.



- 2) Remove seat inserts to provide easy access to the retractor hardware bottom panel below.
- 3) Using one 5/8" ratchet wrench and one 11/16" wrench, locate the bolt and nut holding the seat belt end tab(s) shown below in the green circle. They are located in between the seats at the seat biteline. If needed, the seat cushion frame

may be folded up a few degrees for easier access. While holding the nut stationary, loosen the bolt and remove the bolt, washer, and nut. Take note of the order in which the hardware was removed.



- 4) Removing the shoulder D-ring by first popping the plastic covers on both seats using the tack remover (The plastic cover is held on with a plastic clip and it can be popped off by hand or gently with a tack remover/flat head screwdriver). Next, starting with the driver's side seat, remove the screw with a 5/8" ratchet wrench, then remove the washer, d-ring and bushing. Do the same for the passenger's side seat.



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- 5) Remove the seat belt retractor hardware from the retractor bracket located underneath the seat using either a 5/8" wrench or socket and a 11/16" wrench or socket.



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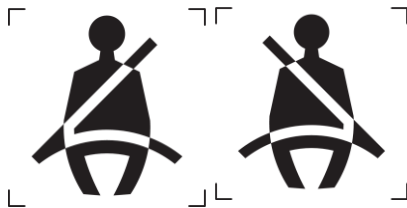
- 6) Swap the retractors. Next, it may be helpful to use a quick-grip clamp to position the retractors onto the retractor bracket. Locate the small tab (green circle below) on the retractor and make sure it is positioned in the slot (red circle) as shown below. Do this for both sides while using the clamp to hold the retractors in place. Be careful to not damage the retractor bracket at this step. Gather the hardware that was removed. Fasten the nut/bolt until the assembly is snug. Verify the retractors cannot rotate. Tighten hardware down until secure. (Reuse the hardware that was removed in steps, 4, 5 & 6)



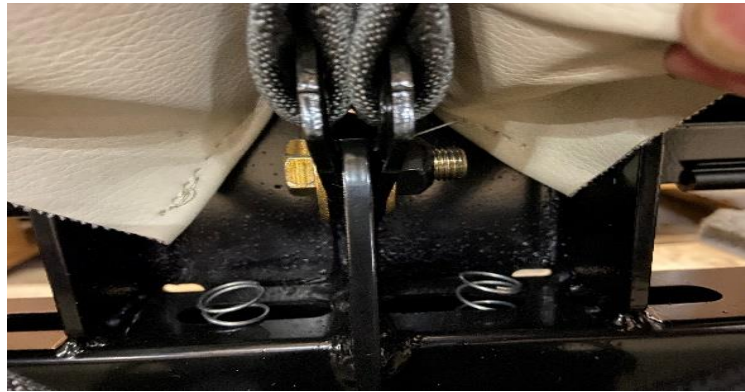
- 7) Working from the top of the seat assembly, pull the left side retractor webbing till it stops, then using a binder clip or rubber band, clamp the webbing near the retractor so the webbing does not spool back into retractor. Perform the same operation for the right side seat.
- 8) Making sure the belt webbing does not twist, reattach the Shoulder D-ring. Hardware is installed in reverse order of what was removed in step 5. The order is bushing, D-ring, washer and then bolt. Apply thread locker to bolt and torque to 20 ft-lbs.



- 9) Confirm the seat belt retractors are on the correct side by checking the pictogram on the webbing. This can be found near the end of the belt. The direction of the belt should represent the direction the belt travels when a passenger is seated.



- 10) Continue to make sure the belt webbing does not twist, using a 5/8" wrench and one 11/16" wrench and reattach the 2 tabs at the end of the belt ensuring that they are on the same plane and angled toward the front of the seat. These are the same tabs that were removed in step 2. Take the bolt and washer, slide through the belt tab, tab bracket and belt tab, then add washer and nut to end of bolt, last, tighten nut/bolt hardware down until secure.



11) Remove the binder clip or rubber band from the webbing. Confirm the belts are not twisted and they retract properly. Pull out the webbing and let it retract. The belt should retract into the retractor housing. The direction of the belt should represent the direction of belt travels when a passenger is seated.

