

ADJUSTABLE D RING INSTALLATION INSTRUCTIONS

Assembly Instructions

PARTS LIST

1x 7217030 – SPRING .343x.0475x8.5
3x 30798707 – HCS 7/16-20x1
8x 30751607 – WASHER, 23.5x12x1.7
1x 30546207 – NYLOCK NE 7/16-20
1x 7219829 – SLEEVE, BRAIDED 1/2X8” LONG
4x 30851907 – PLUG HEADRESTRAINT HOLE
2x 30846907 – NUT, NYLOCK M4
1x 30829307 – CAP – NUT 17MMx15MM
1x 7217439 – BOLT M4x.7x16 SHCS 8.8
1x 7217423 – ASSEMBLY, ADJUSTABLE D-RING UNIT

TOOLS NEEDED

1x Small pick
1x Large flat blade screwdriver
1x #2 Phillips screwdriver
1x 7mm deep-well socket
1x 3mm Allen wrench
1x 5/8” socket w/ ratchet
1x 5/8” wrench
1x Torque wrench (Nm)
1x Rubber mallet
1x Silicon RTV (adhesive)

INSTRUCTIONS

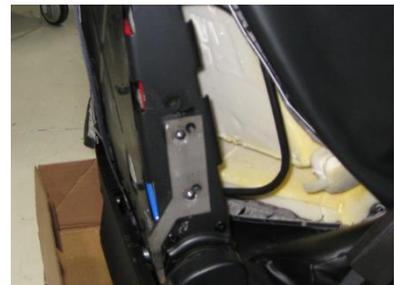
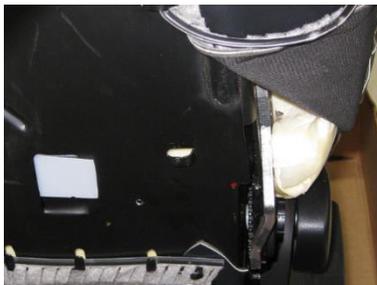
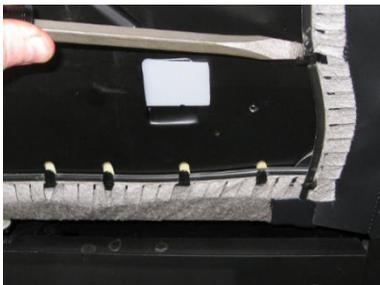
STEP 1: Move seat to full forward track position or remove seat from vehicle.

STEP 2: Carefully remove the hole plugs in seat back trim panel using a small pick (4 for AM80 built prior to July 2024, 3 for AM80 built after July 2024, or 2 for AM384). Remove seat back trim panel by unscrewing the Phillips head screws that attach it to the seat frame. Set aside trim panel, screws, and hole plugs.

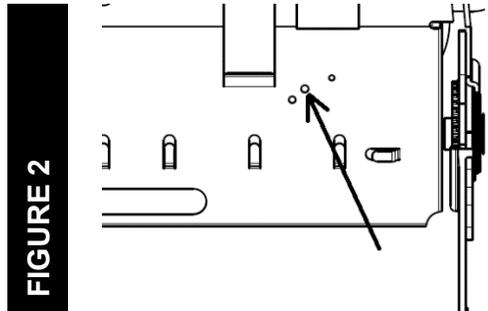
If the seat has a fixed D Ring, follow steps 3 – 8. If not and you are replacing an adjustable D Ring, skip to step 7.

STEP 3: Using large standard screwdriver, pry open the trim attachment hooks along right and bottom sides of the seat back frame and then unhook the trim cover from the open hooks. If seat has a RH armrest, remove it and set aside. Pull the trim and foam forward to gain access to the front side of the backrest frame. (figure 1).

FIGURE 1



STEP 4: Attach the M4 bolt to the back frame by placing it through the hole noted in the image by the arrow from the front side of the frame and securing it with 1 of the M4 nylock nuts (figure 2).



STEP 5: Place the spring into the mesh spring sleeve and place one of the ends over the M4 bolt. Secure the spring end with a second M4 nylock nut by pinching it between the two nuts.

STEP 6: Using a Phillips screwdriver, remove the turning loop bracket trim cover from the turning loop bracket and discard cover and screws. Remove 5/8" nut cap. Disassemble the D Ring from the bracket with a 5/8" socket. Set the D Ring on the front of the seat. (figure 3).

FIGURE 3

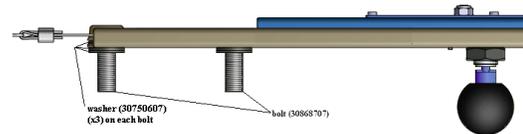


STEP 7: Using 5/8" socket/ratchet, remove the fixed D Ring C Channel bracket or the adjustable D Ring bracket and discard along with the fasteners (fasteners are black on current production seats). If removing an adjustable D Ring, detach the spring from the triangle wire form at the bottom of the assembly prior to removing. (figure 4).



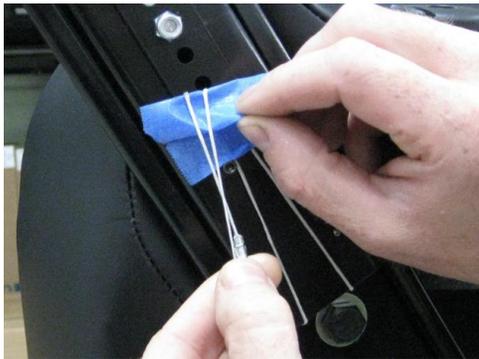
STEP 8: Attach new bracket to seat back using the 2 of the 1 inch long 7/16-20 bolts & six washers: Place 1 washer under the head of each bolt and then position into the two mounting holes of the new bracket. Place 2 more washers on each bolt under the adjustable D Ring bracket. Use 5/8" socket/ratchet to attach the bolts to the back frame and then use torque wrench to tighten to 50Nm (37ft-lbs). (figure 5).

FIGURE 5



STEP 9: Remove the tape from the cords. Make sure to keep tension on cords to prevent losing proper internal routing. (figure 6).

FIGURE 6



STEP 10: Slide spring sleeve downwards to expose the top of the spring. Stretch the spring and attach the end to the center of triangular wire form. It may be necessary to open the end of the spring slightly with pliers. Install one of the small caps on the lower bolt head. (figure 7).

FIGURE 7



STEP 12: Attach D Ring to Adjustable D Ring bracket with the remaining 7/16-20X1" bolt and Nylock nut using a 5/8" socket, ratchet and wrench; Torque to 50 Nm. Add a small dab of black silicone sealant, add the cap over the nut. Add the remaining small cap to the bolt head. (figure 8).

FIGURE 8



STEP 13: Check function of unit: Actuate spring plunger by pulling forward on ball knob. Push downwards to lower unit to lowest position and lock in place with plunger. With slack in seat belt (pull some belt webbing out from retractor), actuate spring plunger again. Unit should move to highest position. If unit does not function, look up thru the unit with a flashlight. One of the cords may be trapped on the inside of the lower anchors inside the unit. Ensure both cords run outside the lower anchors (between the anchor and the inner channel wall).

STEP 14: Re-attach seat back trim panel with screws and hole plugs set aside in step 2. Note: Make sure not to trap the seat belt beneath the lower left mounting point of the back panel. For the AM80, the seat belt webbing routes behind the plastic trim panel. For the AM384, the seat belt webbing routes over the plastic trim panel. (figure 9)

FIGURE 9



Part numbers: 7217422 & 5318619

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