

## INSTALLING BUCKLE WIRE HARNESS

### Assembly Instructions

#### PARTS LIST

1x 30708207 - #8-18X3/4 Self Drill Screw  
Black  
1x 30777207 – P-Clip Cushioned ¼  
1x 49131-01 – Zip tie, Large, 8” Black  
1x 30951307 – Wire Harness P-Clip  
1x 7226528 – Wire Harness – 3 Wire  
buckle to 2 Wire (in kit 7227125)  
1x 7217566 – Wire Harness Asm, Buckle  
(in kit 7217649)

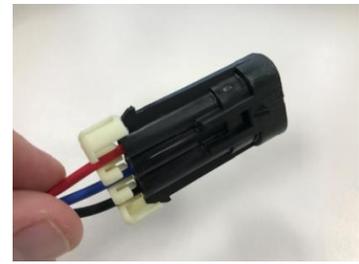
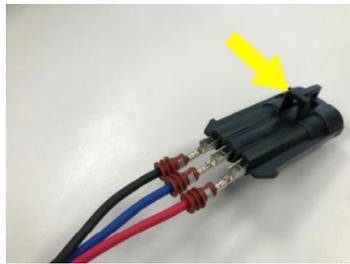
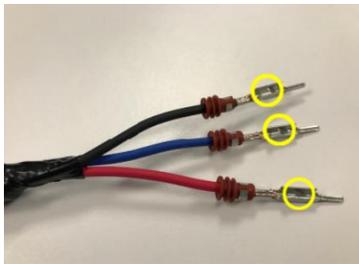
#### TOOLS NEEDED

1x Drill Motor with Phillips bit & Extension  
1x Phillips screwdriver (optional)  
1x Knife Blade or pick  
1x Wire cutter or side cutters  
1x Wood block (2x4”)  
1x Goat’s Foot or trim panel tool (Optional)

### INSTRUCTIONS

**STEP 1:** Remove the polybag containing female connector, retainer, and lock pin, that is taped to the wire harness. Add retainer on the back of the harness. (figure 1) Wire harness in kit 7226528 is shown below with 3 terminals, wire harness in kit 7217566 has 2 terminals.

**FIGURE 1**



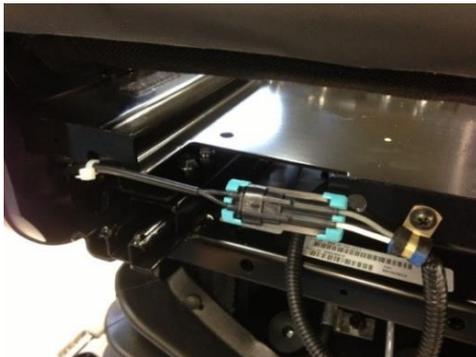
**STEP 2:** Move seat to full forward to access rear of seat or place seat on floor in mid-track position to avoid tipping; remove hole plugs from lower rear trim panel using knife blade or pick; Save for re-use; Remove rear lower trim panel using Phillips bit or driver. Save screws and panel for re-use. (figure 2).

**FIGURE 2**



**STEP 3:** Disconnect buckle pigtail from jumper connector. Remove screw securing jumper to the rear of the cushion frame with a Phillips #2 screwdriver. Shown below are a left hand and right hand installation, respectively. (figure 3).

**FIGURE 3**



**STEP 4:** Detach boot from top of suspension in rear of seat, as well as one side of the suspension. Ensure seat is in full up position. Place wood block under suspension scissors pivot to ensure the scissors will not drop while routing the wire harness. (figure 4).

**FIGURE 4**



**STEP 5:** Cut zip ties on the wire harness at the base of scissors on the wire harness and remove the wire from the seat. (figure 5).



**STEP 6:** Assemble P-clip to wire harness: assemble P-clip such that it covers the end of the plastic conduit of the harness (on the black electrical tape). Assemble P-clip such that tab is pointing upwards. (figure 6).

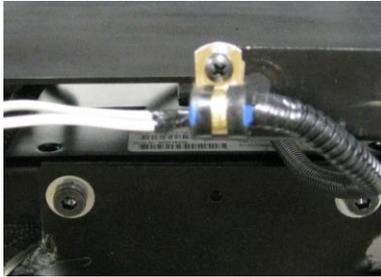
**FIGURE 6**



**STEP 7:** Attach P-clip to rear of cushion frame via self-drilling screw. Plug the wiring harness plug into the buckle plug. Verify connection is secure. Install a new zip tie to secure the connector to the back of the cushion frame. Zip ties are shown below in white for clarity, production parts are black. (figure 7).

**FIGURE 7**





**STEP 8:** Route length of harness through the cutout in the top of the suspension upper housing. Run harness through left side air spring wire harness clip. Align the top of the blue electrical tape with the bottom of the air spring zip tie. Bend open end of clip downward to restrain harness. Route harness along front of rear lower suspension bearing tube to the right side of the suspension. Align green tape to the right side of the scissors and add zip tie. Add second zip tie on the opposite side of the scissors. Cut off end of wire ties. Route harness through 1" hole in right rear-middle of suspension lower housing. For seats having no riser: Route harness along the left side of the of suspension and route out the side of the suspension, under the boot, in front of the bearing shaft. Add zip ties on the right side, same as the left description (at the green tape mark). (figure 8).

**FIGURE 8**





**STEP 9:** Ensure there is enough slack to be able to move seat to full rear without pulling on the harness. Do not leave excess slack either. Excess slack can begin to coil and become pinched by the suspension scissors and/or down-stops.

**STEP 10:** Re-attach rear lower trim panel to seat. For AM-80 ensure wiring is over the top of the panel attachment boss, secure, then re-install hole plugs.

**STEP 11:** Re-attach suspension boot via X-mas tree fasteners.

**STEP 12:** Re-install seat to vehicle, connect end of harness (grey Deutsch connector DTM04-2P), either normally open or normally closed, depending on the vehicle configuration, and confirm buckle function.

Part numbers: 7227125 & 7217649