

Service Work Instruction

**Title: MSVI Recall 11V-568
Replacement of Rear-Facing Technician's Seating Configuration**

This Service Work Instruction is intended as guidance only and may not be applicable to every instance in which this type of service must be performed.

Tools & Materials Required

1. Safety Glasses (2 pair)
2. Ratchet Handle
3. 11/16" socket or 17mm socket
4. 3 /4" socket or 19mm socket
5. Torque wrench- calibrated for Ft.Lbs
Torque Chart: Seat Track to Seat Base Connection Ford Chassis, GM Chassis, Sprinter Chassis - 33 ft.lbs.
6. A second person, i.e. Assistant
7. Correct color of Captain's Chair with Type II Lap/Shoulder Belt and attached slide track- shipped from Seat Mfg.
8. Ball-point pen and Work Completion Verification form

Service Work Procedure

1. Put on your Safety Glasses: You and your assistant
2. Gather all tools and materials required for this project
3. In Step 1 you will be removing the currently installed seat cushion and back rest pad with a Type I Lap Belt or a Captain's chair with a Type I Lap Belt.



Seat Cushion and Back Rest Pad



Captain's Chair

Step 1- For Seat Cushion and Back Rest Pad

Carefully remove the back rest pad by lifting it off the metal clips and Velcro attaching it to the wall. Place this pad outside the vehicle for storage or disposal. Remove the metal clips and dispose of them properly. Then, carefully remove the seat cushion by lifting around the outer edges to release the Velcro. Remove the Velcro strips from the wall and top of seat base and dispose of them properly. (You may wish to fill the staple and screw holes with a wood filler tinted to match the color of laminate)

Step 2- For Seat Cushion and Backrest Pad- Seat Belt Removal

Using the ratchet with the 3 /4” socket or 19mm socket, open the seat base door and place the wrench on the nut securing the seat belt fasteners. There is one on each side of the seat base. Loosen and then completely remove the seat belt components and fasteners. Remove them from the vehicle for disposal. **These components must NOT be reused in any other vehicle!**

Step 1- For Captain’s Chair with Attached Type I Seat Belt

Using the 11/16” socket or 17mm socket, open the seat base door and place the wrench on the four (4) nuts securing the seat track and chair to the seat base. Loosen, remove and dispose of these fasteners. **They must Not be reused.** Carefully lift the chair, track and attached seat belt from the seat base and remove it to outside the vehicle.

Step 2- For Captain’s Chair with Attached Type I Seat Belt

Follow Steps 3 thru 9 below, for installation of new Captain’s Chair with Type II lap/shoulder seat belt configuration.

Step 3- Retrieve the correct color of Captain’s Chair w/Type II Lap/Shoulder belt and take it into the vehicle. The attached slide track should have all the required fasteners for installation to the seat base. Loosen and remove the nuts and washers and wooden protective strips from the mounting studs on the slide track. Move the slide track as far to the rear as possible.



Step 4- With the help of your assistant, position the two mounting studs into the holes at the rear of the seat base. Keep the chair tipped to the rear while positioning it. Carefully tip the chair forward and insert the other two mounting studs into the holes in the forward part of the seat base. Be Careful not to damage the threads on the mounting studs while positioning the chair.

The two front studs may require some pressure to fully seat themselves into the mounting holes. One trick is to start the nut on the studs and pull it into place with the ratchet.



Step 5- With the chair firmly in position with the mounting studs through the holes, sit in the seat and check the fore-aft positioning and side-to-side positioning. With the chair in this position, re-install the washer and nut on each mounting stud. Hand Tighten.

Step 6- Using the ratchet with the 11/16" socket or the 17mm socket, tighten each faster stack firmly- DO Not Over-Tighten! Sit in the seat and move the slide track aft and forward to assure that it is functioning properly.

Step 7- Using the Torque wrench and the 11/16" socket or the 17mm socket, torque each fastener stack to correct torque for this vehicle (Ford, GM, Sprinter- See Torque Chart above).

Step 8- Clean up your work area and return tools to appropriate storage area.

Step 9- Complete the Recall Work Completion Verification form and FAX it to MEDIX at the listed FAX Number.

Alternate Step 1- For Seat Bases with the 125 VAC Heater Installed

Disconnect vehicle from Shoreline power. Remove the four (4) screws holding the heater in place on the seat base. Carefully move the heater to the side of the seat base being careful not to over-stress the electrical connectors. With the heater removed, you may follow Step 1 for the type of Technician's Seat installed in the vehicle.

