



Vantage Mobility International

Document Number: TS-WI-0225

ASSEMBLY AREA

ASSEMBLY AREA	Tech Service
MODEL	2017 Pacifica RU Touring and Touring L

RELEASE SIGNATURES

TITLE	SIGNATURE	DATE
DIRECTOR OF M.E.	Brian Mark	6/28/2017
TECH SUPPORT MANAGER	Dave Hagstrom	6/28/2017
MANUFACTURING ENGINEER	Mark Miller	6/28/2017
SAFETY	Fred Proctor	6/28/2017
QUALITY	Jenny Glenn	6/28/2017

REVISION HISTORY

AUTHOR	DESCRIPTION OF CHANGE	REV	RELEASED	ECO#
Mark Miller	Initial Release	A		

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SAFETY REQUIREMENTS

Safety Glasses (IM6064)



Safety gloves (IM6110)



TOOLS NEEDED

Screw gun
Phillips tip



10mm wrench



Torch



¼" drill bit



Solder



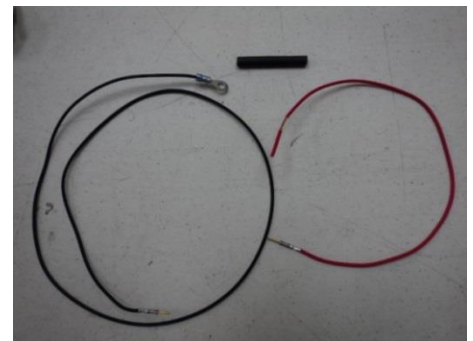
Wire brush



PARTS NEEDED



**PK3044-SP
kit includes
all
hardware
pictured**



SCOPE

It has been determined by VMI that converted Chrysler Pacifica's **prior to July 5 2017**, may have not been wired correctly to accommodate the interchangeable seat option. This is in evidence **ONLY** when the driver's seat is powered and the passenger front seat is manual. This document provides detailed instructions for Technicians to add the necessary power and ground wire for interchangeable seating. This document also includes instructions on how to provide this circuit with a more secure ground. **If your van has power seats on both driver and passenger you may still want to update the ground.**

Labor re-imbusement;

1.0 hr. at current VMI hourly rate for wiring and ground repair

.5 hr. at current VMI hourly rate for ground repair only

CONTENTS

1. Begin by removing the wire harness from the wall.



2. Remove the passenger front seat from the vehicle. Remove with care and place outside the vehicle while the repair is in process as to not damage the trim or flooring inside the van.



3. Remove the OEM panel on the right A-pillar by carefully pulling on the bottom and side of the panel to release the OEM clips.



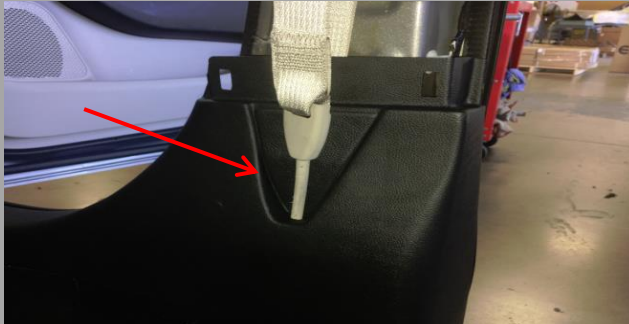
4. Remove the OEM panel on the right B pillar by carefully pulling from both sides to release the OEM clips.



5. If the van is equipped with the front stow option disconnect the wires from the switch on the back of the panel and place panel aside for later re-installation.



6. Carefully remove the VMI plastic seat belt cap which is held in place with double sided tape you will be using the same tape when reinstalling.



7. Using a Philips tip remove the screw in the lower B pillar panel under the seat belt.



8. Carefully peel back the carpet insert on the VMI A to B panel enough to expose the self-tap screws (approximately a half inch from the top in 2 locations). Remove the screws and save for later reinstallation.

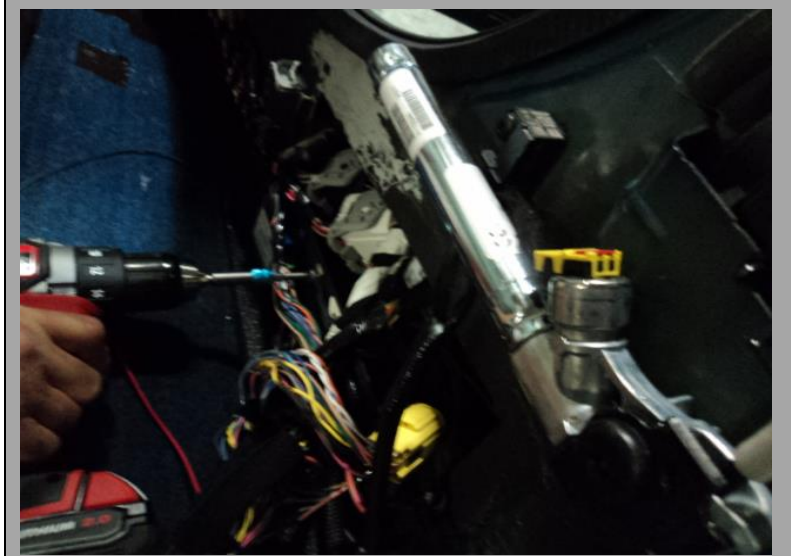


9. Set the A to B panel down on the floor to gain access to the wiring harnesses behind it. There is no need to disconnect the riveted harness bulkhead.



10. Check the ground wire, if it has a self-tapping screw remove the screw and discard the screw. It will be replaced with the bolt, washer and nut supplied.

Note: If the van has both power driver and passenger seating and the ground is attached with a bolt proceed to step #25 reinstalling the panels. If the ground wire is attached with a screw proceed to #11



11. Use a 1/4" drill bit and drill a hole 5" over and 3/4" down



12. Use a wire brush to thoroughly clean the area.

Note: If the van has a non-power passenger seat proceed to step #13 if both driver and passenger seats are power proceed to step #14



13. The back of the connector is numbered. Insert the black wire provided in the kit, which is the ground, into position #15.



14. Use the bolt provided in the kit to attach the ground wires (The original wire that was held in place with the screw and the new wire installed in the connector) They both will ground through the bolt with the nut and washer on the backside of the hole.

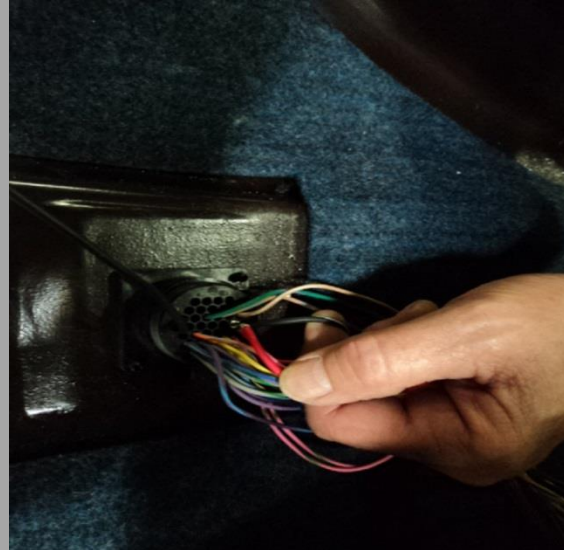


15. Use a 10mm wrench to tighten the bolt to 8ft lb. The ground repair is complete.

Note: If the van has both driver and passenger power seating proceed to step #25 reinstalling the panels if it has a non-power passenger seat proceed to step #16



16. The back of the connector is numbered insert the red wire which is the power to position #17.

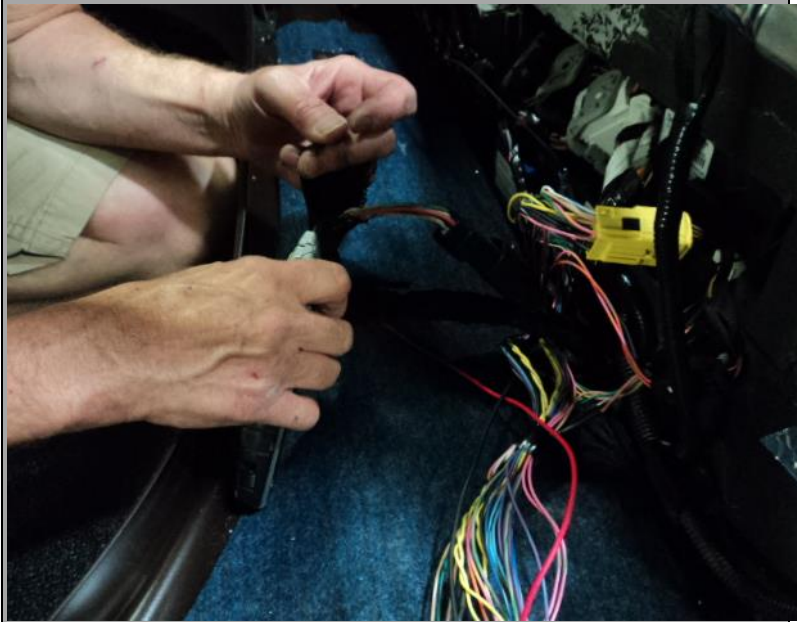


17. Locate the schlep connector near the b-pillar and disconnect it.

IMPORTANT: The Schlep must be disconnected prior to any further work being performed .



18. Remove the nylon wire cover to expose the wires.



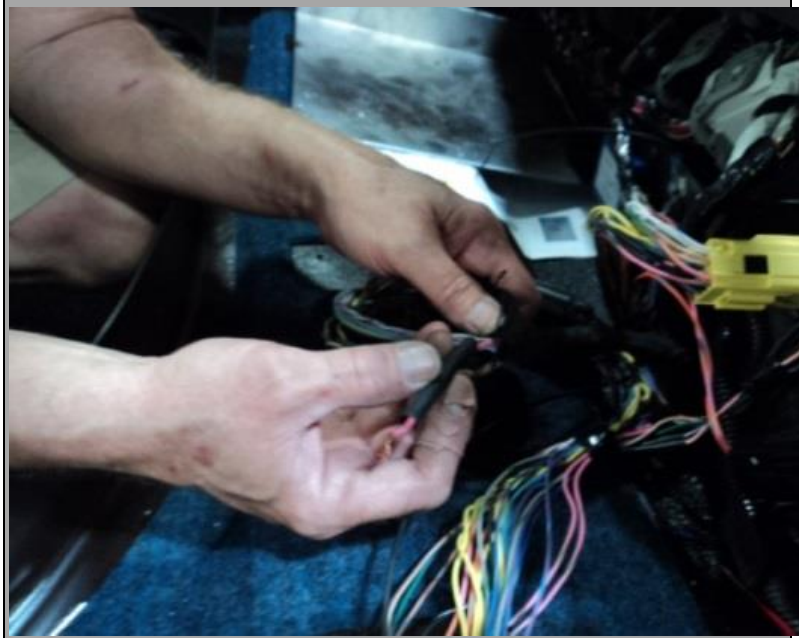
19. Locate the large red wire in the corner of the connector.



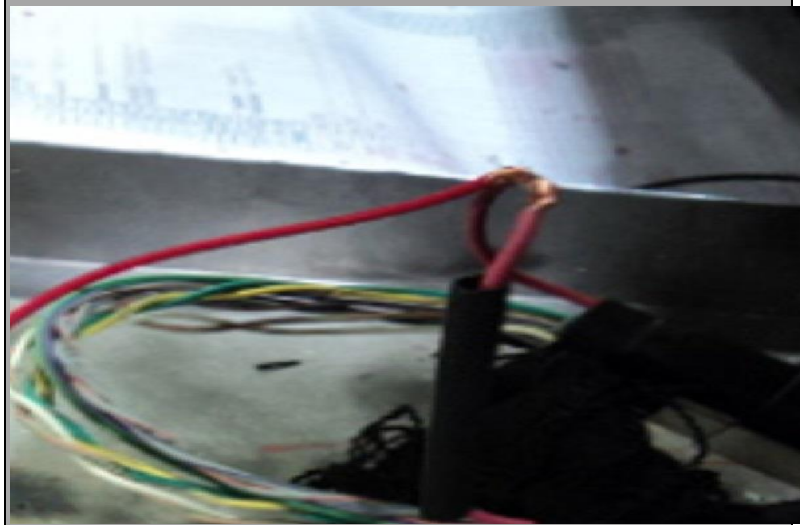
20. Cut the red wire approximately 4" from the connector and strip $\frac{3}{4}$ " of the insulation to be soldered.



21. Install the heat shrink on the wire away from the connector.



22. Tie the two wire ends cut together with the red wire inserted in step 16 and solder.






23. Slide the heat shrink over the exposed wire and using the torch heat it until it has shrunk to the size of the wire.



24. Reconnect the schlep connector and tape all newly added wires to the harness. The electrical repair is complete, you may now begin to reinstall the parts.



<p>25. Put the panel back in the original location and reinstall the back screw in first this will make alignment easier.</p>	
<p>26. Reinstall both screws behind the carpet and smooth the carpet back into location.</p>	
<p>27. Reinstall the VMI plastic seat belt cap with the existing double side tape.</p>	

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28. Reconnect the stow option switch if equipped and install the b-pillar panel being careful not to break the OEM clips.



29. Reinstall the OEM A-pillar panel.



30. Remove the driver seat and install it in the passenger position.



31. Using the OEM power seat switches test the system functions.





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The update is now complete

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