

INSTALLATION GUIDE

RAM


TOW MIRROR LIGHT HARNESS



Disclaimer

Performing this or any modification to your truck could void your manufacturer's warranty and/or cause issues with the function of the truck. By purchasing and/or installing any of these custom items (harness, bypass plugs, etc) you agree to absolve DDP Motorsports, members, officers, and executives thereof and all associates of any and all damages that may occur as a result of installing said item. If you do not agree to this provision promptly return the item(s) for a full refund (less 10% shipping/restock fee).

Required Parts:

Parts	Description
	DDP Motorsports 2013-18 RAM Tow Mirror Light Harness (DDP-1318-TMLH)

Warnings:


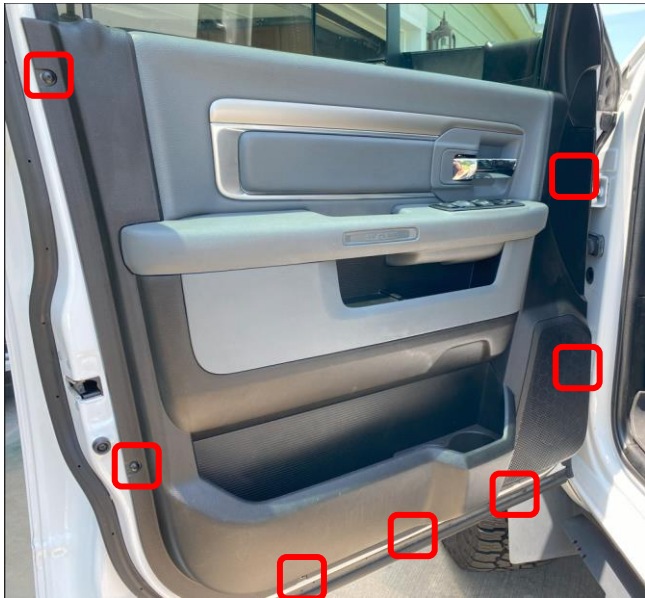



Before performing any electrical modifications to your vehicle, it is recommended to disconnect your battery



Programming of lighting is required after lighting harness install utilizing Alfaabd. Lighting harness will not function as designed if programming is not performed.

Installation:

Step	Description
<p data-bbox="203 231 235 262">1.</p> 	<p data-bbox="901 231 1421 304">Disconnect both vehicle batteries before performing harness installation.</p>
<p data-bbox="203 940 235 976">2.</p> 	<p data-bbox="901 940 1421 1018">Remove push pin fasteners from around the Driver-side door panel</p>

<p>3.</p> 	<p>Remove door handle bezel center screw cover and screw utilizing door panel trim removal tool and Phillips screwdriver.</p>
<p>4.</p> 	<p>Remove door handle bezel by pulling it out towards you slightly and then towards the door hinge.</p>
<p>5.</p> 	<p>Utilizing a trim panel removal tool, gently pry the window switch module up and out of position in the door and disconnect it.</p>

6.



Remove the upper trim panel covering the mirror mounting bolts.

7.



Pull out and up on the door panel, guide the manual door lock rod through the hole in the door panel as you remove it. Place the door panel off to the side while you work on installing your new harness.

8.



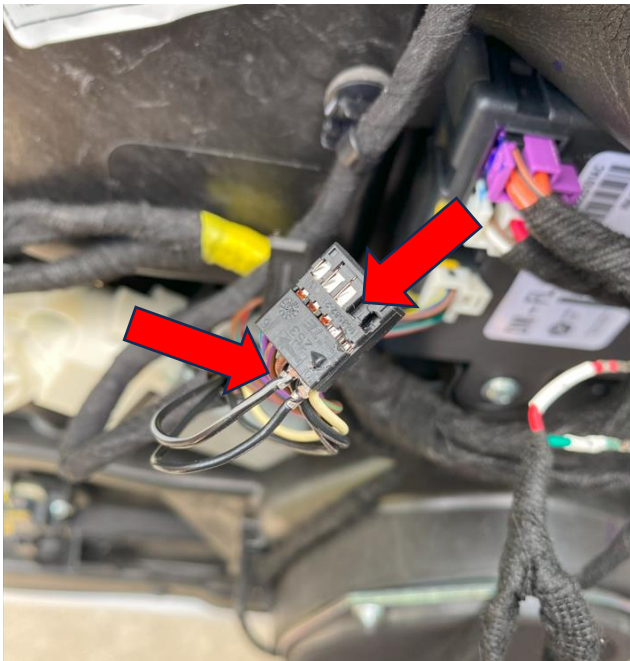
Unplug door module connector C2

9.



Remove C2 connector adapter from main housing. Utilize a small screw driver or pick and gently pry the adapter housing up to clear the raised point securing the housing.

10.



De-pin housing at terminal 9 and 10. Make a note of terminals original position as it relates to wire color. Utilize a small screw driver or pick and gently press down on the terminal tab through the window in the top of the connector housing to release factory terminals from housing. Carefully pull the terminal out of the back of the housing while depressing the tab. If you encounter resistance STOP pulling. Ensure you have fully disengaged the locking tab and resume removal from housing.

11.



Insert supplied running light harness terminals into connector C2 at terminal position 9 and 10. Refer to terminal labels on each wire for appropriate position. Insert new terminals until you feel them click or hear an audible click indicating they are securely locked in place.

12.



Re-assemble connector C2 and plug it back into the driver side door module.

13.



Locate the supplied 2 position female terminal housing. Pin factory wires from terminal positions 9 and 10 into the 2 position housing at position 1 and 2.

Terminal pos. 1 – Black (Grn wire)
Terminal pos. 2 – Black w/ gray stripe (Rd wire)

Positions are stamped on front and back of supplied connector housing.

14.



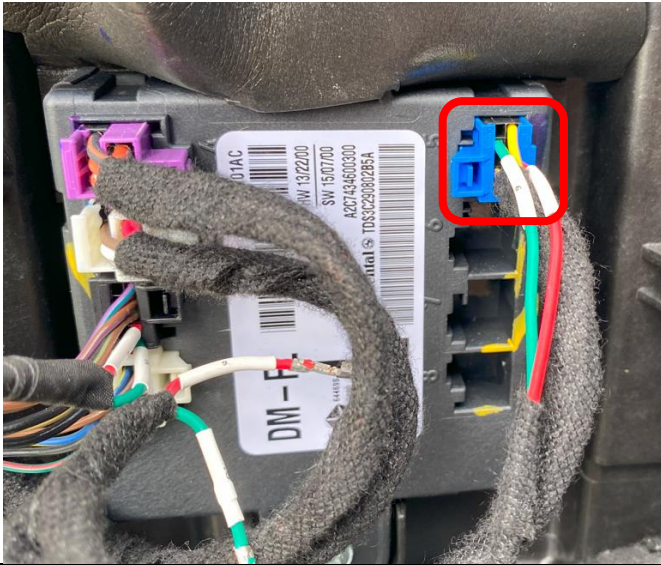
Once factory terminals are inserted into 2 position female housing, slide green lock over terminals to secure them in place.

15.



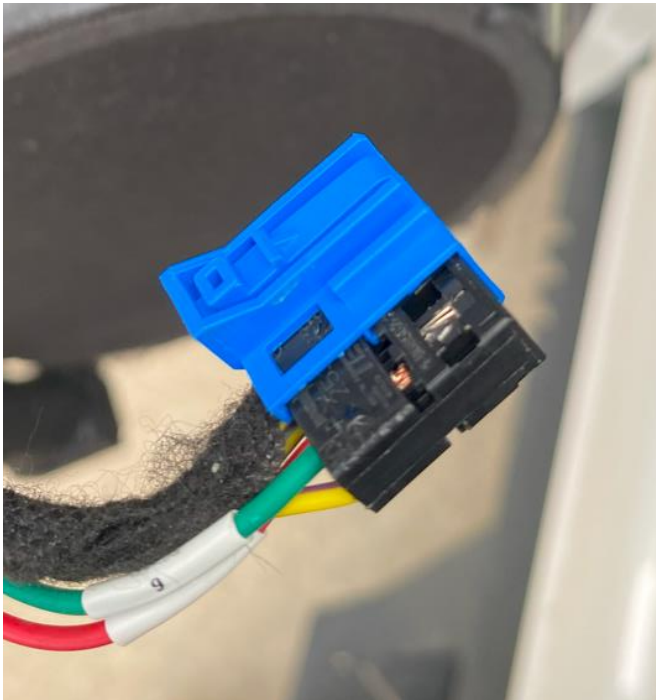
Connect the 2 position housings together. You should here a click indicating a positive engagement between both connectors.

16.



Disconnect connector C5 from door module.

17.



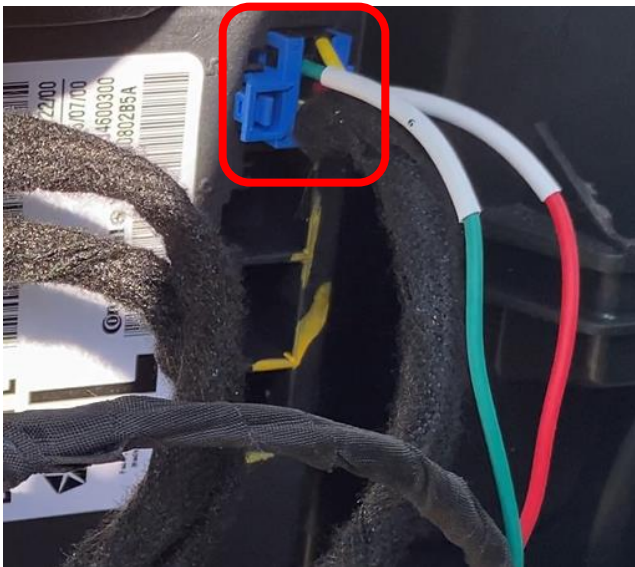
Remove C5 connector adapter from main housing.

18.





Insert supplied wire harness terminals 9 and 3 into terminal positions 9 and 3 on connector C5.

19.



Re-assemble connector C5 and plug it back into the driver side door module.

<p>20.</p> 	<p>Route harness with factory door harness and secure utilizing supplied zip ties.</p>
<p>21.</p> 	<p>Re-install door panel and components in reverse order.</p>
<p>22.</p>	<p>Repeat steps to complete opposite side installation.</p>
<p>23.</p>	<p>Program lighting utilizing Alfaabd. Refer to Alfaabd video on ddpmotorsports.com</p>