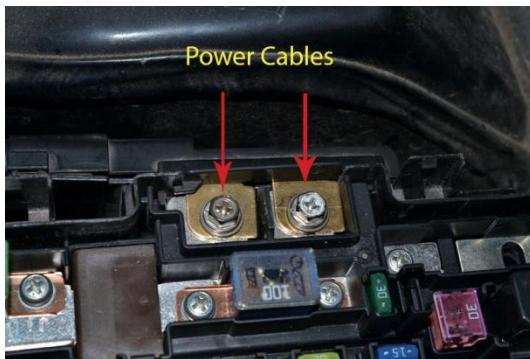


twist battery relocate kit and harness.

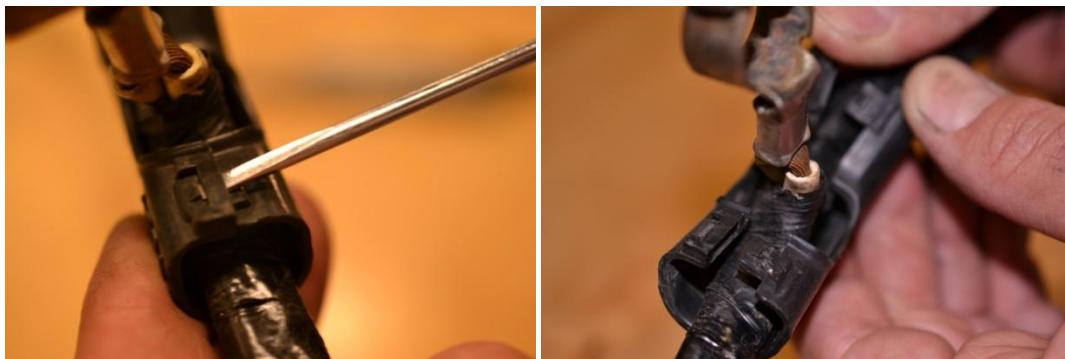
Step 1

- A. Remove battery. Start by removing the negative battery cable and then the positive. After removing the battery cables remove the battery hold down bracket. Now remove the battery.
- B. Remove battery tray. Remove the top two bolts from battery tray (12mm socket). Then loosen the two side bolt of the battery tray (do not have to remove the bolt, the tray is slotted). Then pull battery tray out.
- C. Remove fuse box connections. Remove the fuse box cover lid by push the tab inwards and lifting up. Now remove the two main power cables on the fuse box (8mm socket).



Step 2

- A. Preparing the charge harness. Start by removing the plastic covers by the battery terminal.



- B. Then remove the electrical tape from the harness to expose the battery cable.



- C. Remove the loom/covering from the harness.



- D. It is best to mark the cable before cutting.



- E. Cut the cable from the battery connection 2 inches from the cable connection. Then cut the cable from the alternator at 4.5 inches from the battery connection.



- F. Connecting the new harness. Start by marking the new cables in kit to match the old charge harness.



- G. Then use the supplied butt connectors and heat shrink to crimp the new harness to the old harness. Note: make sure to cut the heat shrink to length and slide it on to the cable before installing the butt connector. IT IS SUGGESTED TO SOLDER ALL CONNECTIONS.



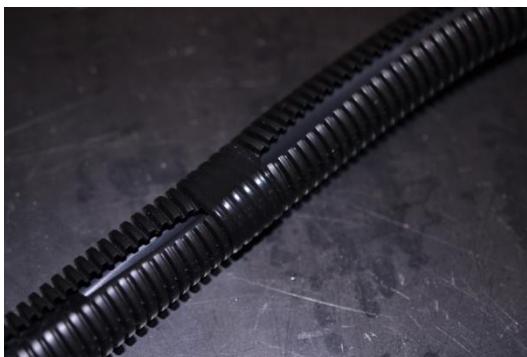
- H. Note if the kit you have has the remote terminal kit then install the supplied eyelet/ring connector to the battery cable from the fuse box and to the new harness at this time. There are two sizes of eyelets in the kit. The smaller diameter one is for the factory harness.



- I. Preparing the harness. Start by wrapping the cables at the butt connectors with electrical tape.



- J. Now install the supplied loom/covering to the new harness and wrap some tape around the loom/covering every 4 to 6 inches.



- K. Last fold the battery terminal harness together and run a couple small wraps on electrical tape around it.



- L. Ground cable. Remove the ground cable from the car. Remove the cable from the transmission bracket with a 10 mm socket. Then remove the cable under the fuse box with a 10 mm socket.

Step 3

- A. Installing the new twist battery tray. Remove the bumper cover. Remove the two mounting screws at the corner of the bumper cover and the fender. One per side.



- B. Then remove the 5 plastic clips on the top of the cover that is under the hood.



- C. It is suggested to use a clip remover tool to prevent breakage of clips.



- D. Next remove the 4 clips on the bottom of the bumper cover. Then remove the two clips on the bottom corners. One clip per side.



- E. Then remove the four screws on the bottom of the cover and the inner fender liner. Two per side.



- F. Next remove the four screws on the inside and at the bottom of the wheel well. Two per side.



- G. Last pull the cove off of the tabs at the fender and under the head lamps.



- H. Now install the new twist battery tray. The tray is to be installed on the right front corner of the frame rail. Remove the factory ground wires from the frame and install the new tray with

the factory bolts.



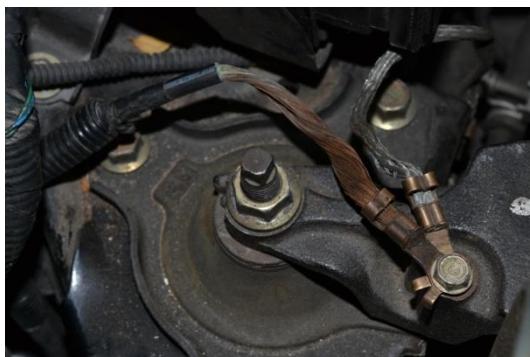
- I. Mount the ground wires to the top left mounting bolt.



- J. Now install the ground cable from the car that you removed in step 2-L. Install the short ground cable to the bottom of the top mounting bolts.

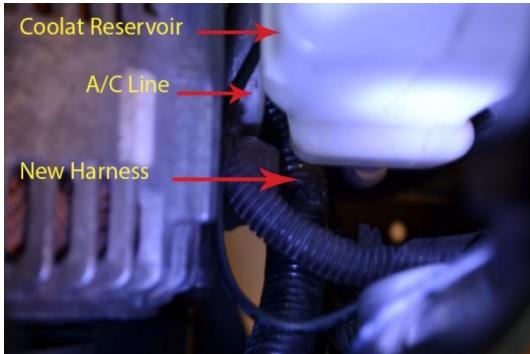


- K. Mount the long cable to the engine mount on the top of the right frame rail.

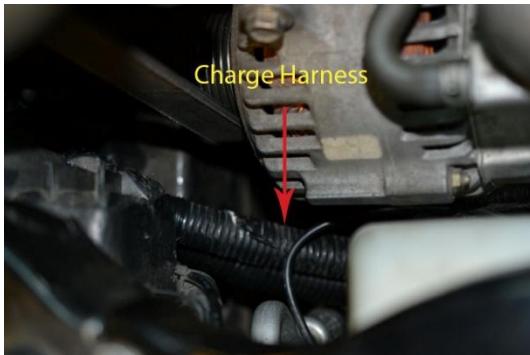


Step 4

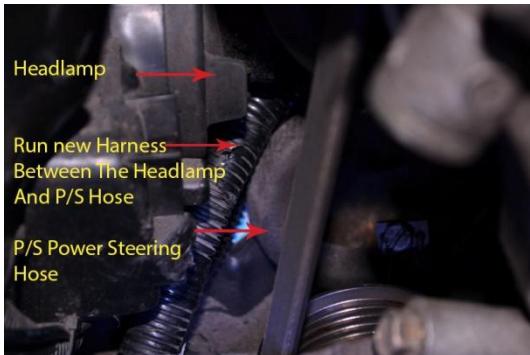
- A. Routing the new charge harness. Disconnect the harness from the mounting clip at the front motor mount to ease the installation. From under the car push the new harness up by the A/C compressor and route the harness between the A/C line and the coolant reservoir.



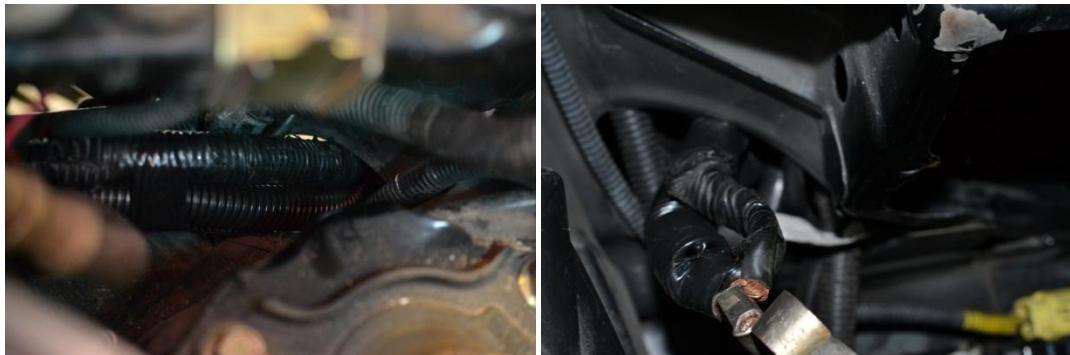
- B. Note: make sure there is enough room between the alternator belt and the new harness.



- C. Then route the harness between the Head lamp and the power steering hose.



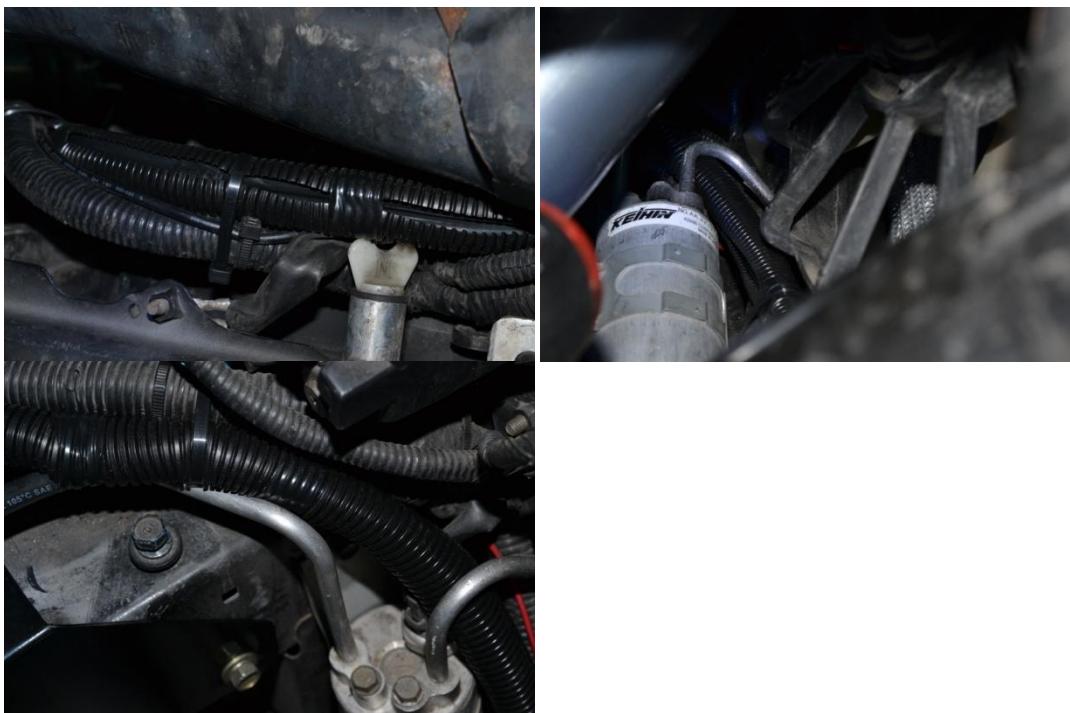
- D. Pulling the power steering reservoir out of the mounting bracket will help the routing of the harness. Next route harness through the hole in the inner fender structure.



- E. Now route the other end of the harness with the harness on the car that runs next to the right cooling fan.



- F. Keep running the harness with the cars harness under the radiator and up to the A/C Accumulator.



G. Note: route harness under the accumulator pipe.

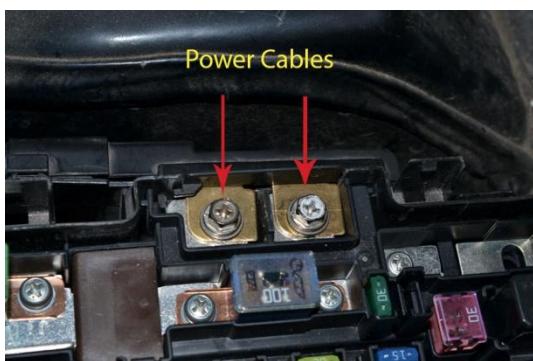


H. Keep following the cars harness all the way to the fuse box.



I. Note: Use a zip tie to attach the harnesses together every 4-6 inches.

J. Last install the harness connections to the fuse box.



Step 5

- A. This is only for the Remote terminal kit. Skip to step 6 if you do not have the remote terminal kit.
- B. Install the remote terminals to the remote terminal bracket provided in the kit. Note: line up the flat spots on the terminals to the bracket.



- C. Next bolt the positive cables to the red terminal. Next install the ground cable to the black terminal and then to the frame rail with the factory bolt from the battery tray.



- D. Then using the other factory bolts, install the bracket to the frame rail with the lower two holes.

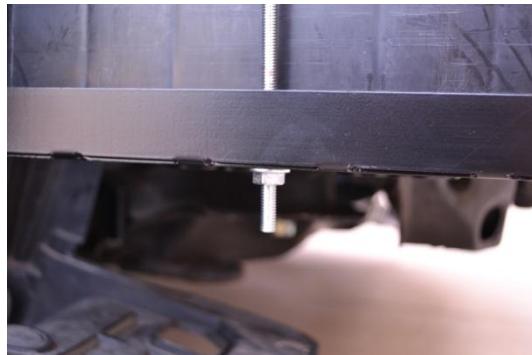


- E. Finished installation should look like this.



Step 6

- A. Installing the battery into the new twist tray. Start by setting the battery into the tray and then running the supplied all thread through the holes in the tray.



- B. Next run the all-thread through the battery top mount. Note: it is suggested to use a thread locker on the nuts. Do not over tighten.



- C. BEFORE HOOKING UP THE BATTERY TERMINAL CHECK ALL CONNECTION FOR TIGHNESS AND CLEARANCE. ALSO CHECK ROUTING OF HARNESS FOR CLEARENCE!

- D. Now hook up the positive and then the negative terminals to the battery.



You may need to flip the bolt on the positive terminal to make it easier to tighten the nut.

- E. Now reinstall the bumper cover (refer to step 3).

Thank you and enjoy your quality twist product.