



Install: ROXPOWER

Part Number: S-11AC00001547

WORK INSTRUCTION OVERVIEW

⚠ WARNING

- DO NOT ATTEMPT THIS PROCEDURE IF YOU DO NOT HAVE PROPER TOOLS, TRAINING, AND FACILITIES.
- Read and follow all instructions provided when installing this product. Failure to do so may result in placing occupants at risk of serious injury or death.
- To protect bystanders and the service technician(s), shut vehicle off, remove the Ignition Key and secure vehicle to prevent unintended movement.
- Never operate the vehicle in excess of manufacturer's specifications.

NOTICE

If vehicle does not have 2 pin connector, use part number 1801AUA00651N retro-fit wire harness and follow those instructions.

TOOLS REQUIRED








- Side-cutters
- Small flat-head screwdriver
- Ratchet wrench
- 10 mm Socket
- T-30 Torx bit
- Gloves

TORQUE SPECIFICATION

Tighten each fastener to the torque specification below:

- **Battery Clamp** – 5 N•m (± 0.5 N•m)
- **Battery accessory stud** – 3.9 N•m (± 0.5 N•m)
- **Nuts on ROXPOWER** – 3.9 N•m (± 0.5 N•m)
- **Screw - Bracket to body** – 8-11 N•m
- **Screw - Roxpower to bracket** - 5 N•m (± 0.5 N•m)

KIT COMPONENT TABLE

Component	Description	Qty
	ROXPOWER P/N: S-1801FUA00031N	1
	Bracket ROXPOWER Mount LH P/N: S-1501CUA00031N	1
	Power Harness P/N: S-1801AUA00641N	1
	M6-Nuts-Electrical Plating P/N: S-0000AUA01631N	4
	Omega - Clips 19MM P/N: S-0000AUA01711N	2
	Connector-Caps P/N: S-33472-4031	5
	Zip-Ties P/N: S-0000AUA00461N	8
	M6-Torx-Flange-Screws P/N: S-0000AUA00441N	6
	Retro-Fit Jumper (as needed) P/N: S-1801AUA00651N	1

INSTALLATION PROCEDURE FOR POWER HARNESS

1. Loosen nut on backside of battery negative clamp.





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- 2. Disconnect battery negative - insert flat head screwdriver into slot, twist and lift to remove.



- 3. Secure clamp terminal so as not to allow it to contact battery.



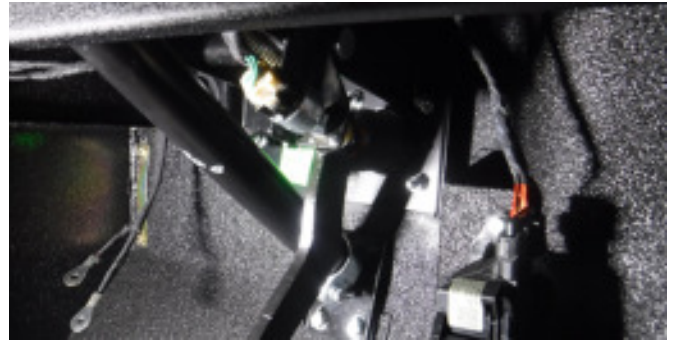
- 4. Remove first grommet plug (closest to driver side).



- 5. Route power harness (end without fuse) through grommet plug hole and seat grommet.



- 6. Route power harness up and over steering column.



- 7. Install ROXPOWER to mounting bracket with (4) M6 torx flange screws in locations shown.



- 8. Install the number of connector caps needed to block ports not in use.

NOTICE After installing, pull up on connector caps to ensure they are locked in place.





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9. Install (2) Omega-clips to ROXPOWER bracket.



10. Remove side plugs from drivers side of vehicle and discard.



11. Install black wire to top (negative), red wire to bottom (positive) posts of ROXPOWER secure with nuts. Torque to specifications.



12. Locate 2 pin connector taped to accessory switch wires left of steering wheel. Plug into 2 pin socket labeled INPUT on ROXPOWER. Plug in all accessory features at this point.

NOTICE

If vehicle does not have 2 pin connector, use part number 1801AUA00651N retro-fit wire harness and follow those instructions.

WARNING

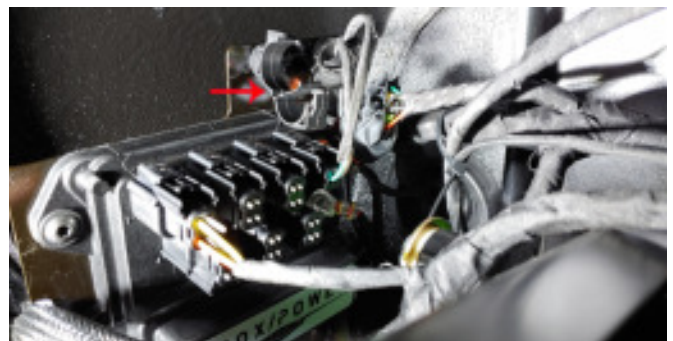
Do not leave any connector sockets open.



13. Holding ROXPOWER in place, line up ROXPOWER bracket holes with body holes and install (2) M6 torx flange screws. Torque to specifications.



14. Secure wires into omega-clips at the top of ROXPOWER bracket to prevent wires from falling into pedal area.





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15. Secure harness to battery studs (red to positive - black to negative).



16. Zip-tie all wire harnesses on interior and exterior as necessary (about every foot is recommended) to secure in place.



17. Secure negative battery clamp terminal, torque to specifications. Make sure battery clamp is fully seated down to battery before torquing terminal.



INSTALLATION PROCEDURE FOR RETRO-FIT HARNESS

1. Disconnect side-marker connector at front driver side, by pushing on latch. Connect retro-fit harness in between.



2. Secure harnesses down using existing tab.



3. Route and wrap the retro-fit wire harness around existing wire harness toward cab.





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4. Locate large grommet by brake booster, cut nipple off at ridge with side-cutters.



5. Carefully route retro-fit wire harness through nipple hole. Secure to main harness with zip-tie to prevent contact with body. Trim off excess zip-tie.



6. Remove ignition switch connector from behind instrument panel.



7. Using screw-driver, remove orange wedge from connector. Pull middle red plug (number 5) from connector, use pliers if needed.



8. Insert white wire into cavity 5 where red plug was removed, push until it clicks. Pull to verify, reinstall orange wedge, plug ignition switch back in.



9. Route 2 pin connector with open cavity up over steering column bracket.





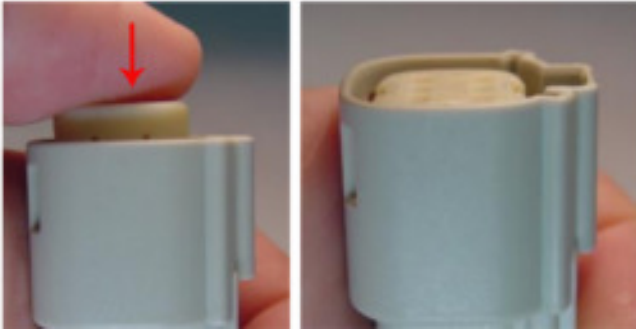
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10. Verify that the wedge is proud (up) as in first picture. If wedge is pushed in, use screwdriver to pull out before inserting green wire.
12. Insert 2 pin connector into open ROXPOWER 2 pin socket labeled INPUT.

NOTICE

The following is NOT actual picture of 2 pin connector. Demonstration only to show position of wedge.



11. Route green wire of retro-fit harness to 2 pin connector. Insert terminal with tab oriented as shown into open cavity. Pull to verify.

