



2010-15 5th Gen Camaro Quick Access Battery Charger Connector and Wiring Harness

Overview:

This kit allows a battery maintenance system (charger) to be quickly and easily plugged in to the battery without opening the hood, trunk, windows, covers, or panels. A connector and associated wiring mounted inside the trunk allows for convenient and hidden battery access. Batteries should be left on a battery tender when the vehicle is not at least once a week.

Compatibility:

The SAE 2 Pin Connector is a standard connector that is either directly compatible or adaptable to any battery charger or maintenance system. For many brands adapter harnesses are already available on the market, however, it is easy to create one that will work as needed (contact DSE for support). The SAE 2 pin is a direct connection to Deltran Battery Tender, Optima Digital 400, and others. Adapt to CTEK with the 56-564 Comfort pigtail indicator.

Installation of the kit is quick and easy and requires no permanent modification to the Camaro.

Kit Contents:

- Wiring Harness with bulkhead connector, ring terminals, and inline fuse
- Tywraps for installation
- Remove before flight Tag



Ordering Information:

<http://www.dougshelbyengineering.com/camaro.html>

DSE-CM-BA-001: 5th Gen Camaro Quick Access Charger Connector and Harness

Kit Contents



CTEK 55-564 Adapter

Thank you for your purchase!

Your business is appreciated and customer satisfaction is our top priority! Don't hesitate to contact us via email with any questions or feedback. Word of mouth is the best form of advertising so if you are satisfied please spread the word!

REMOVE BEFORE FLIGHT

Your kit includes a "REMOVE BEFORE FLIGHT" tag. Please place this somewhere within view to serve as a reminder to unplug the battery tender prior to starting the engine on your Camaro.

Disclaimer of Liability: *Doug Shelby Engineering assumes no liability expressed or implied for the improper installation or use of this product or its components. Doug Shelby Engineering is NOT responsible for any damage, consequential or otherwise for equipment failure after installation.*

Vehicle Modification: *Modification of your vehicle with the parts identified above may alter its stock performance; the buyer hereby expressly assumes all risks associated with any such modification.*

Disclaimer of Warranty: *Seller disclaims any warranty express or implied with respect to the parts sold hereby whether as to merchantability, fitness for particular purpose, or any other matter.*

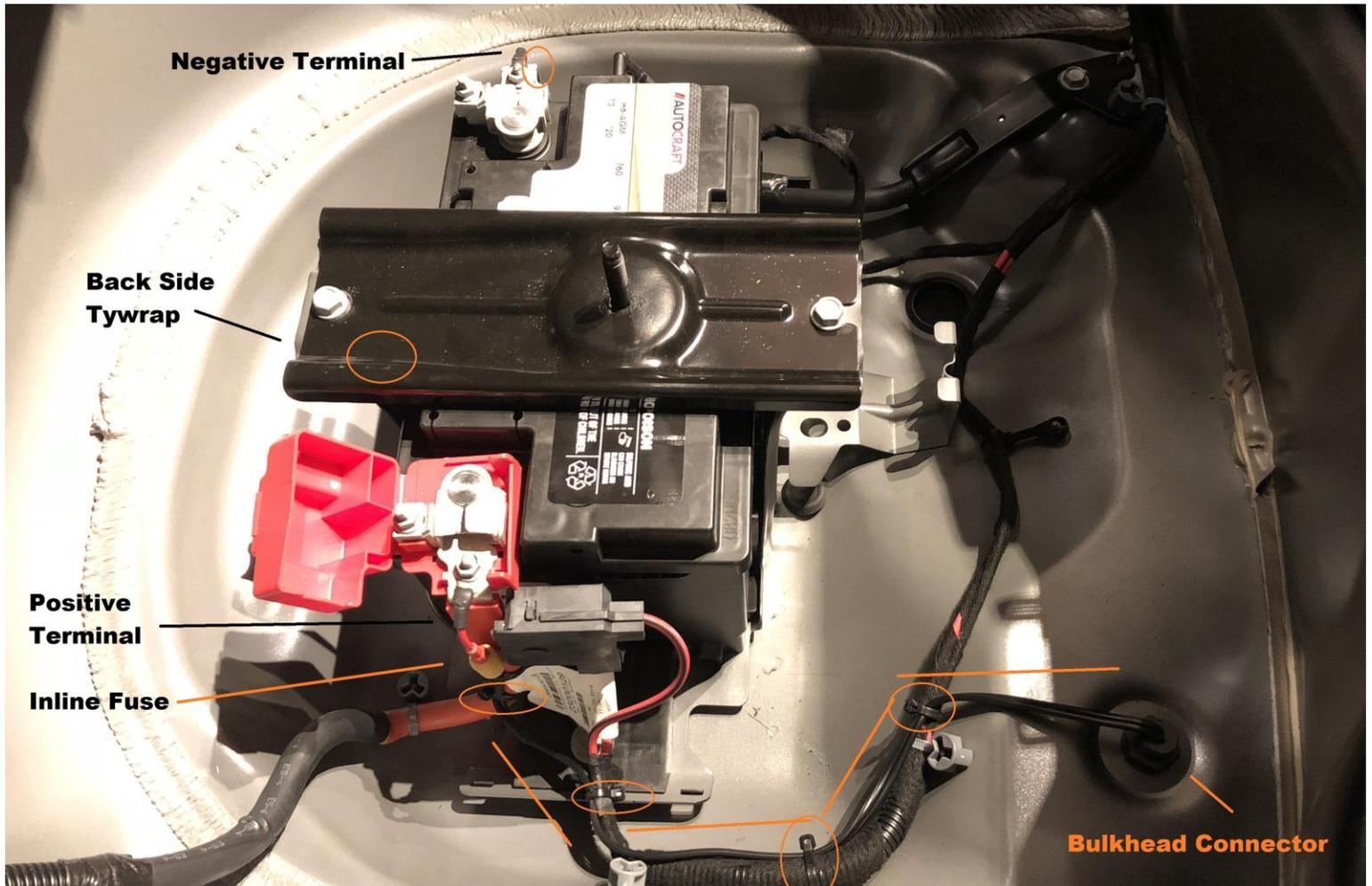


Charging the Battery Through the DSE Quick Access Charging Harness

See photos on the next page for wiring layout guide.

Installation Guide:

- Note: Battery does not need to be disconnected for this installation, however, be mindful of the live 12V post should you chose not to disconnect the battery.
- Remove the trunk floor to allow area battery access.
- Remove the small plastic plug that will uncover the hole for the bulkhead connector.
- Remove the plastic nut and insert the harness through the bottom of the car by first inserting the ring terminals.
- Install the nut over the wiring harness and tighten the bulkhead connector. Orient the bulkhead connector so the cover opens from the rear. In this orientation access is easier and wind will not work to open the cover.
- Lay the wiring harness in for a test fit. The recommended path is as follows:
 - o Run around the existing wiring harness on the driver side of the battery.
 - o Tie the split area to the positive battery cable and run the positive charging cable up to the M6 stud.
 - o Tie the ground wire to the back of the battery bracket.
 - o Run the ground charging wire up the negative battery cable to the M6 stud.
- Try to have a low interference path between the existing parts of the vehicle and wiring to avoid strain on the wiring and/or chaffing issues. There is sufficient length to make flowing wiring transitions.
- Ensure the fuse leg is not tied too tight and is oriented to be accessible as needed.
- Using an M10 wrench, secure the ground side ring terminal to the ground lug with the existing nut.
- Using an M10 wrench, secure the power side ring terminal to the power lug with the existing nut.
- Secure the wiring with the included Ty-Wraps.
- Connect the appropriate battery charger (adapt as necessary) and ensure it is properly charging.



Wiring diagram guide showing routing and ty-wraps (circles). Using this guide, lay wires as it makes sense for your car.



Rear View of Battery and Recommended Strain Relief for Ground Wire



Ground Wire Ring Terminal and Strain Relief

Maintenance:

Dielectric grease has been installed on the connector contacts for long term performance. Keep the cap installed when not charging. Keep the contacts clean from debris and periodically inspect wiring for issues.

If the battery is no longer charging please check the harness fuse. Fuse is 6.3mm x 25.4mm 6A.