

Thumper DC ANDERSON EXTENSION KIT

OUTBACK

NOTE: The ANDERSON DOUBLE SPLICE BOX box replaces the standard Anderson rear box in this extension kit

The Thumper Outback has been provided with an Anderson to rear Extension kit (optional to fit). This extension kit can be used in conjunction with the TUR-L kit to install an Anderson connector at the rear of the vehicle.

WIRING INSTRUCTIONS:

1. Follow the steps provided to install the TUR-L wiring loom, noting that the **ANDERSON DOUBLE SPLICE BOX** in the extension kit will replace the standard Anderson rear box in the TUR-L kit
2. The length of cable feeding from the relay mount (under bonnet) will connect into the Double Splice Box via the yellow crimp joiners labelled 'CRANKING BATTERY'
3. Using the remaining twin core cable from your TUR-L installation, crimp into the yellow joiners on the Double Splice Box labelled with the tag 'Anderson to rear'.
4. Feed this cable back to the rear of the vehicle and connect the loose Anderson connector (provided).
5. Fasten the Anderson to the rear of your vehicle as shown in the image

CONNECTING THE LEADS

- Using the BLACK Anderson lead provided, connect one end of the lead to the BLACK Anderson on the Double Splice Box. The other side of the lead will connect to Thumper via the Anderson labelled "ALTERNATOR INPUT".
- Using the GREY Anderson lead provided, connect one side of the lead to the Grey Anderson on the Double Splice Box and the other end to the Thumper via the Anderson labelled "INPUT/OUTPUT" (either connection)

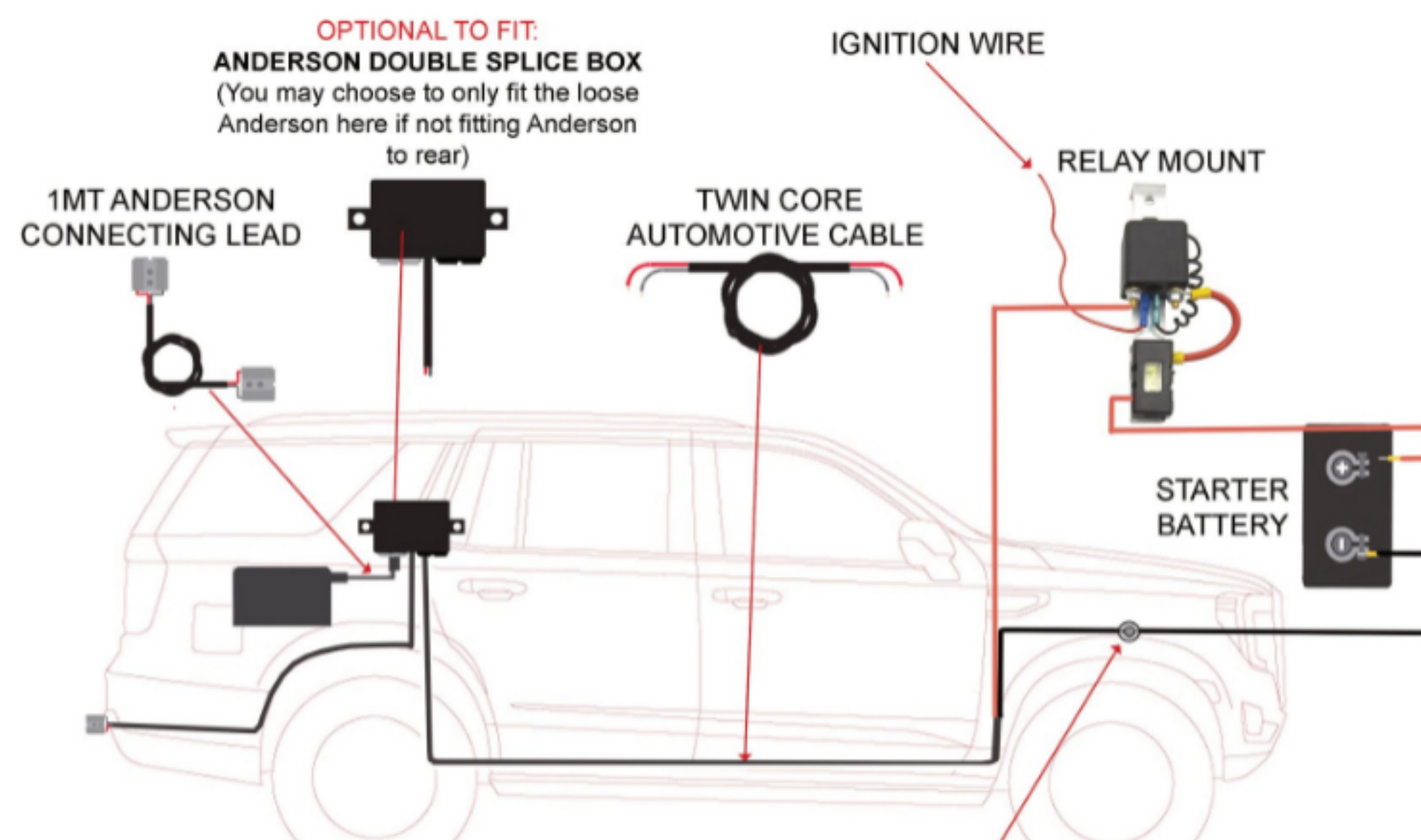
Connecting the leads via the above method will allow the DC charger to power to the Thumper as well as the Anderson to rear

CONNECTING THE LEADS (continued)

When the Outback DC is not within the vehicle, the Anderson Double Splice Box will still provide power to run appliances such as a fridge, etc. **BONUS:** Due to the TUR-L, this line will remain isolated from the vehicle starter battery when the ignition is OFF (acting to protect the starter battery from discharge).

Want to use the Anderson at the rear with no Thumper? No problem! Simply:

- Using one of the Anderson leads provided, connect one side of the lead to the BLACK Anderson connector on the Double Splice Box and the other end of the lead to the GREY Anderson on the same box. This connection joins the circuit and provides power to the Anderson at the rear (**BONUS:** The Anderson at the rear will be isolated due to the TUR-L relay loom!)



For newer vehicles fitted with a negative chassis bolt, it is recommended to connect the negative of the cable (6mm / 8mm) to this chassis bolt. All other vehicles will connect the negative cable directly to the negative terminal of the main start battery.