

Before you start:

Before you begin your installation, please consider whether you would like to mount an Anderson at the rear of your vehicle. **If you choose not to fit the Anderson to rear then the 'optional to fit' points in the diagram will not be completed.** Why fit an Anderson to rear? ... The Anderson at the rear may allow you to connect a solar panel to charge your Thumper when parked, or alternatively it may allow you to charge your Caravan / Camper battery whilst on the move.

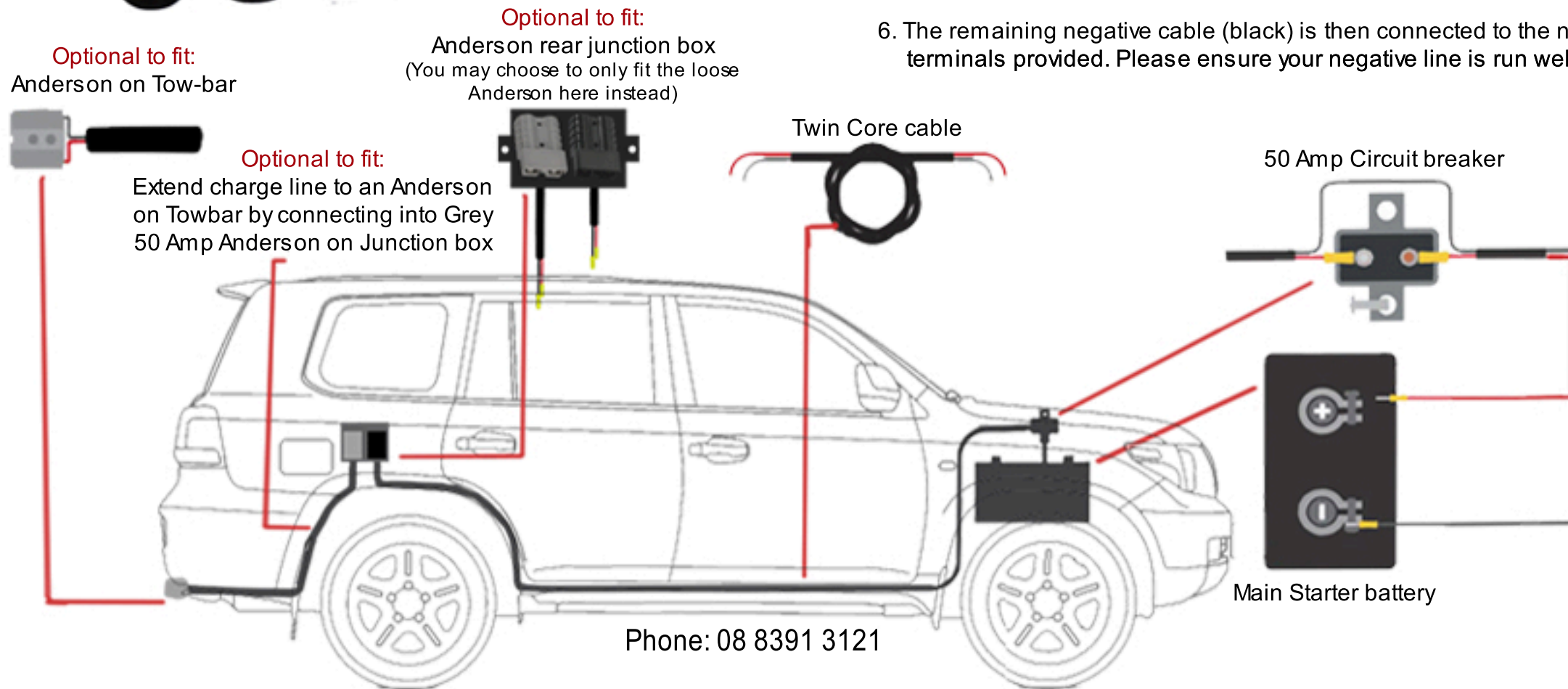
Components:

1 x 6m length of 6mm or 8mm twin core	1 x 50 Amp Anderson connector (loose)
1 x 50 Amp Auto reset circuit breaker	1 x Anderson to Anderson lead (Black)
1 x Anderson rear junction box	1 x Anderson to Anderson lead (Grey)

Wiring Instructions:

1. If you are installing the Anderson to rear: mount the rear junction box within 1m of the location where your Thumper unit will be located. If not running the Anderson to rear, you may choose to instead fit the loose Anderson in place of the rear junction box. (This will leave the Anderson hanging loose on the twin core cable)
2. Using your twin core cable provided, strip back the cable and crimp into the yellow crimp joiners on your rear Anderson junction box labelled with the tag 'Crank Battery'. This line will feed back to the main starter battery.
3. Feed the twin core cable through the vehicle to the location of your main starter battery.
4. Measure your cable length to the starter battery, cut the positive line only (red cable) and connect each side of the line to the 50 Amp circuit breaker (shown in image) *Note: only the positive cable connects the circuit breaker
5. Continuing from the circuit breaker, connect the positive cable (red) to the positive of your main starter battery using the yellow ring terminals provided.
6. The remaining negative cable (black) is then connected to the negative terminal of the starter battery using the ring terminals provided. Please ensure your negative line is run well clear from the positive cable.

Thumper DC OUTBACK



Optional to fit:
Anderson on Tow-bar

Optional to fit:
Anderson rear junction box
(You may choose to only fit the loose
Anderson here instead)

Optional to fit:
Extend charge line to an Anderson
on Towbar by connecting into Grey
50 Amp Anderson on Junction box

7. Using the Black 'Anderson to Anderson lead' provided, connect one side of the lead into the Black Anderson on the rear junction box and the other side into the Thumper via the connector labelled 'ALTERNATOR INPUT'

Connecting Anderson at rear: (optional to fit)

1. Using the remaining twin core cable from your install, strip back the cable and crimp into the yellow joiners on the Anderson junction box labelled with the tag 'Anderson to rear'.
2. Run the cable back to the rear of the vehicle and connect the loose Anderson provided.
3. Fasten the Anderson to the rear of your vehicle
4. Using the GREY 'Anderson to Anderson lead' provided, connect one side of the lead to the GREY Anderson on the rear junction box and the other side into the Thumper via the connector labelled 'INPUT / OUTPUT' (either connector)

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