



FITTING INSTRUCTIONS

PART NUMBER: 4300100.

DESCRIPTION: WIRE KIT BATT SLIMLINE INPUT.

NOTES:

- ◆ This product must be installed exactly as per these instructions.
- ◆ The installation of this product may require the use of specialised tools and/or techniques.
- ◆ It is recommended that this product is only installed by trained personnel.
- ◆ These instructions are correct at the date of publication. ARB Corporation Ltd. cannot be held responsible for the impact of any changes subsequently made by the vehicle manufacturer.
- ◆ During installation, it is the duty of the installer to check correct operation/clearances of all components.
- ◆ Ensure all electrical connections are correct and tight with good earth connection to the engine and/or chassis. Failure to do this may result in component failure or fire.
- ◆ Make sure all wires are securely fastened away from any hot, sharp or moving surfaces. Do not fasten any wires to the brake lines or fuel lines.
- ◆ Make sure that all electrical connections are strong and well insulated.
- ◆ Work safely at all times.

BOM.

Description	Quantity
6m Positive Cable	1
300mm Positive Cable	1
1.2m Negative Cable	1
6m Low Voltage Wire	1
60amp Midi Fuse	1
Midi Fuse Holder + 2 Nuts	1
M8 Ring Terminal	2
M12 Ring Terminal	1
Heat Shrink Red	1
Heat Shrink Black	1
Cable Ties	25
Grommet	1

Fastener Torque Settings.

SIZE	Torque Nm	Torque lbft
M5	6	4.5
M6	9	7
M8	22	16

Table 1.

ARB 4x4 ACCESSORIES

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Do not pull on the
wiring harness
forcefully

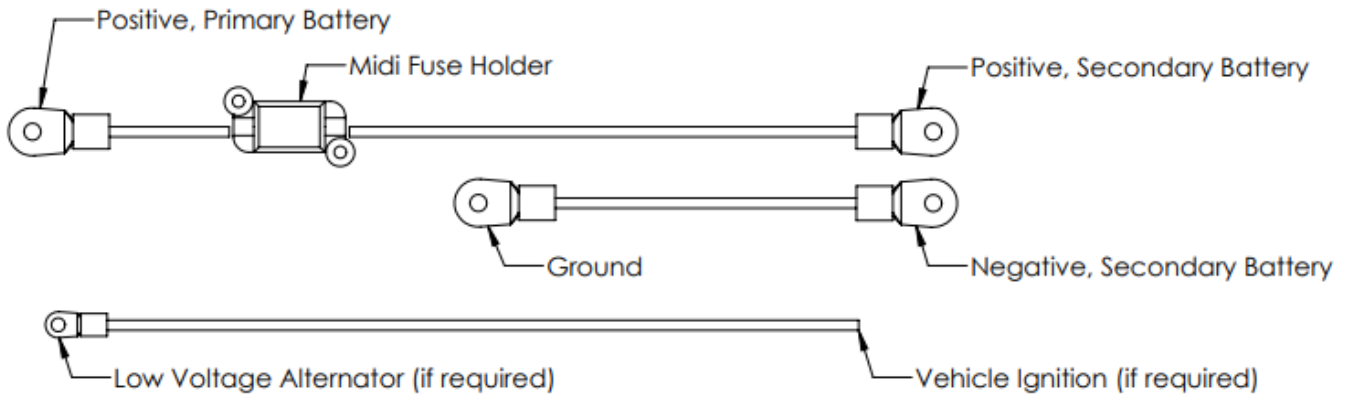


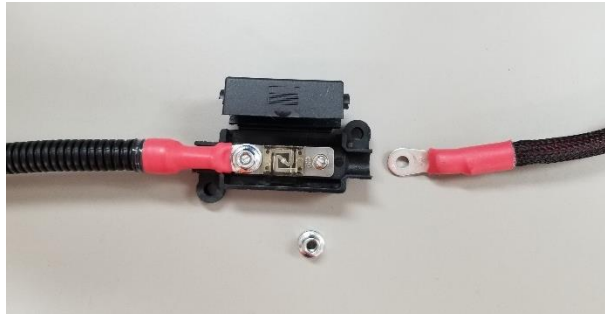

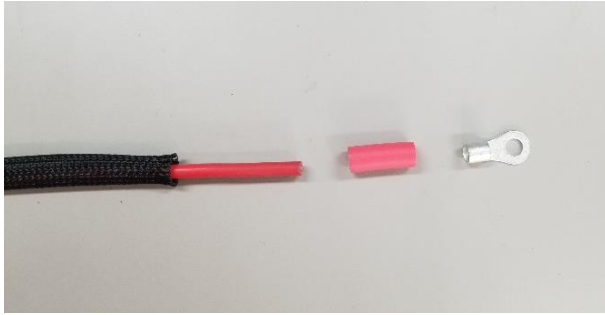
Do not connect
wiring harness to
engine






Ensure all connections
are tight and pushed
home

FITTING PROCEDURE:



<ol style="list-style-type: none"> 1. Install secondary battery as per instructions supplied with battery. 2. In this kit, locate the Midi Fuse Holder, 60amp Midi Fuse, 300mm Positive Cable and 6m Positive Cable. 3. Install the 60amp Midi Fuse into the Midi Fuse Holder. 4. Install the 300mm Positive Cable M5 ring terminal onto the Midi Fuse Holder terminal. 5. Install the 6m Positive Cable M5 ring terminal onto opposite end of the Midi Fuse Holder. 	
<ol style="list-style-type: none"> 6. Route the 6m Positive Cable from the primary battery to the secondary battery. 7. At the secondary battery end, determine the amount of cable required to connect the 6m Positive Cable to the secondary battery. 	
<ol style="list-style-type: none"> 8. Cut the 6m Positive Cable to the required length. 9. Push the Heat Shrink Red onto the positive wire. 10. Crimp the M8 Ring Terminal onto the Positive Cable. 11. Cover M8 Ring Terminal with Heat Shrink Red and secure with heat. 12. Connect the M8 Ring Terminal to the secondary battery positive. 	

<p>13. Find a suitable ground point near the secondary battery.</p> <p>14. Route the 1.2m Negative Cable from the ground point to the secondary battery.</p>	
<p>15. Cut the 1.2m Negative Cable to the required length.</p> <p>16. Push the Heat Shrink Black onto the Ground Cable.</p> <p>17. Crimp the M8 (or M12) Ring Terminal onto the Ground Cable.</p> <p>18. Cover Ring Terminals with Heat Shrink Black and secure with heat.</p> <p>19. Connect the Ring Terminal to the secondary battery negative.</p> <p>20. Connect the opposite end of the Ground Cable to the suitable ground point.</p> <p>21. Torque fasteners to torque setting as per Table 1.</p>	
<p>22. For low voltage alternator vehicles, connect the 6m Low Voltage Alternator ring terminal to the low voltage battery terminal.</p> <p>23. Connect the opposite end of the wire to the vehicle ignition circuit (if applicable).</p>	
<p>24. Connect the 300mm Positive Cable ring terminal to the primary battery positive.</p> <p>25. Start the vehicle engine.</p> <p>26. Turn ON battery rocker switch (if applicable).</p> <p>27. Check battery is charging via the vehicle alternator.</p>	

