

HARNESS PART NUMBER: HARNESS DESCRIPTION: **APPLICATION:** FITTING TIME:

3500811. ARB LB V2 WIRING LOOM. AR40 V2 LIGHTBAR. 60 minutes approx.

WARNING

NOTES:

- The Plug & play harnesses (H4 and HB3) are compatible with both positively and negatively switched ٠ head lamp vehicles.
- Ensure that the relay and 2 amp fuse are mounted upright with the terminals facing downward. Locate these where it is protected from submersion or splashing from water and mud.
- This product must be installed exactly as per these instructions. ٠
- The installation of this product may require the use of specialized tools and/or techniques. ٠
- It is recommended that this product is only installed by trained personnel. ۲
- These instructions are correct at the date of publication. ARB Corporation Ltd. cannot be held ۲ 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.
- Unless otherwise instructed, tighten fasteners to specified torque.
- Work safely at all times.

IMPORTANT:

- 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 or fuel lines.
- Make sure that all electrical connections are strong and well insulated.

ARB 4x4 ACCESSORIES

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Do not pull on the wiring harness forcefully



Do not connect wiring harness to engine



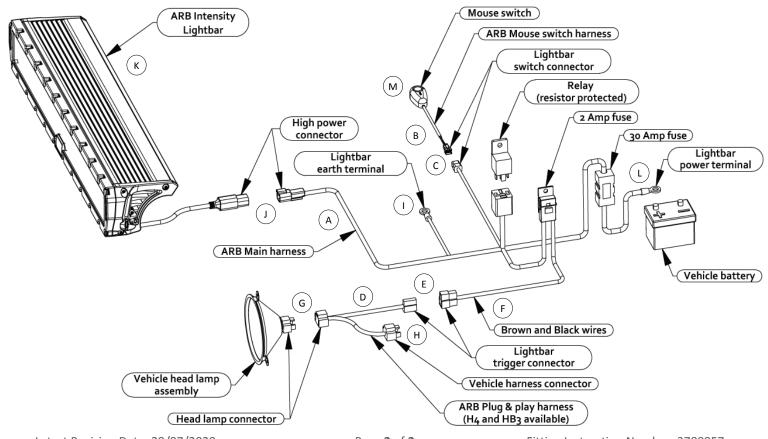
Ensure all connections are tight and pushed home

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FITTING PROCEDURE:

- 1. Remove the negative (-) cable from the battery to prevent short circuits.
- 2. Lay out the Main harness (a) in the engine bay and mount the relay and two fuses in a convenient location. Check to ensure the midi fuse is securely fastened in the midi fuse holder.
- 3. If connected, disconnect the Mouse switch harness (B) from the Main harness (A).
- 4. Feed the Switch connector © from the Main harness (a) through an existing grommet in the firewall and pull through into the vehicle.
- 5. Place the Mouse switch harness (B) in the vehicle and connect to the Main harness (A). Secure the Mouse switch (M) in a convenient location on the dashboard.
- 6. This kit includes H4 and HB3 Plug & play harnesses ^(D), if the vehicle head lamps are an alternative to these, please complete either step <u>a</u> or <u>b</u> below. Otherwise, continue to Step 7.
 - a. For positively switched head lamp vehicles without H4 or HB3 head lamps; on the Main harness (a) take the Lightbar trigger connector (c) and cut the connector wires. Connect the Brown wire (c) to the vehicle positive high beam wire. Connect the Black wire (c) to a suitable earth point on the vehicle body or chassis. Continue to Step 10.
 - b. For negatively switched head lamp vehicles without H₄ or HB₃ head lamps; on the Main harness (a) take the Lightbar trigger connector (c) and cut the connector wires. Connect the Black wire (F) to the vehicle negative high beam wire. Connect the Brown wire (F) to the positive battery terminal. Continue to Step 10.
- 7. Take the Plug & play harness (1) and connect the Head lamp connector (3) to the vehicle head lamp.
- 9. Connect the Lightbar trigger connector (2) to the Main harness (2).
- 10. Connect the Lightbar earth terminal ① to a suitable earth point on the vehicle body or chassis.
- 11. Connect the High power connectors ① from the Main harness ⑧ to the Intensity Lightbar ⑧.
- 12. Secure all cables with cable ties.
- 13. Connect the Lightbar power terminal (1) to the battery positive terminal.
- 14. After installation, check all connections and then reconnect the negative (-) cable to the battery.



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