

FITTING INSTRUCTIONS HLX SERIES

WIRING INSTRUCTIONS



FITTING INSTRUCTIONS

1. Disconnect the main ground from the battery negative (B-) terminal.
WARNING: This may result in loss of the radio security code and clock settings. Consult your owner's manual before disconnecting.
2. Install the driving lamps on a suitable mounting surface on the vehicle.
3. Disconnect the white 3-pin connectors on the DRL colour selector switch harness.
4. Mount the switch in a suitable position inside the vehicle cab.
5. Locate a grommet through the firewall and pass the white 3-pin switch connector (white, blue, and yellow wires) through the pierced grommet to the switch location.
6. Reconnect the white 3-pin switch connectors to the switch harness.
7. Identify the highbeam feed wires from the wiring harness; these are fitted with a 2-pin Metri-Pack connector.
8. **FOR VEHICLES FITTED WITH H4 OR HB3 BULBS:** Plug the H4 or HB3 piggyback connector into the wiring harness. Unplug the vehicle's headlamp plug from the back of one of the headlamp bulbs, then plug the piggyback connector into the bulb and the vehicle harness. **SKIP TO STEP 11.**
9. **FOR ALL OTHER BULB TYPES:** Use a multimeter or test light to locate the active highbeam wire at the back of the vehicle's headlamp.
10. Plug the highbeam feed Metri-Pack connector into the wiring harness. Connect the blue wire to the active highbeam wire. Connect the black wire to the vehicle's common headlamp wire or an earth point. (See Note 5.)
11. Connect the blue DRL wire in the harness to an appropriate positive supply (e.g., DRL, ignition, accessory, park light, DRL module) (See Note 4.)
12. Identify the main battery connection leads from the wiring harness; these are fitted with 8mm ring terminals.
13. Connect the 8mm battery positive (red B+) and battery negative (black B-) leads to the vehicle's main battery terminals.
14. Reconnect the main battery negative (B-) terminal.
15. Secure all excess wiring to the vehicle.
16. Test the driving lamps by turning on the vehicle's ignition and switching the headlamps to high beam.
17. Test the DRL function. Turn on the selected DRL supply, toggle the DRL switch between amber and white modes, and confirm correct operation.

IF THE LIGHTS DO NOT OPERATE CORRECTLY

1. Recheck all installation steps.
2. Inspect fuse holders for blown fuses.
3. Check all connections and ensure that all plugs are securely connected.

NOTES

NOTE 1:

The fitting instructions above comply with current Australian Design Rules (ADR) for onroad vehicle use.

For vehicles without headlamps or for offroad use only, connect the blue highbeam feed wire to IGN+ and the black wire to a suitable earth or battery negative (B-).

NOTE 2:

Driving lights must dip with high beam to meet ADR requirements. Wiring requirements may differ between states. Some states require an in-cabin isolation switch for driving lights. Consult your local State Government regulations and, if necessary, a qualified Auto Electrician.

NOTE 3:

If an in-cabin switch is required to isolate the driving lights, run a 3 mm wire from the highbeam trigger into and out of the cabin via a switch.

NOTE 4:

If you wish to use only one DRL colour, the selector switch may be hidden in a suitable location. Alternatively, the selector switch can be removed and one of the following wires connected to an appropriate positive supply (e.g., DRL, ignition, accessory, park light, DRL module):

- Yellow wire – Amber DRL
- White wire – White DRL

NOTE 5:

This harness is fully compatible with Roadvision vehicle specific highbeam patch harnesses. <https://roadvision.com.au/auxiliary-lighting/accessories/rhbt-series/>

