

INSTRUCTION DATA

PRODUCT: **DRIVING LIGHT HARNESS**

VER: **1.0**

DATE: **MAY 2007**



DRIVING LIGHT HARNESS INSTRUCTIONS

1. Remove the main ground wire from the negative battery terminal.

WARNING: This may result in loss of radio security code and clock settings. Please consult your owners manual before disconnecting.

2. Install driving lights onto a suitable mounting surface.
3. Place all corresponding clear insulating terminal covers over the wires first, fit one female terminal and one male bullet terminal to both auxiliary driving light wires.

NOTE: On the RMDL Series any one of the two wires can be used as positive with the second wire as negative. On the DL series, strip 5mm of insulation and fit the male terminal onto the red wire (+) and the female terminal onto the black wire (-).

4. Find a suitable place within the engine bay (i.e inner guard) to mount the relay and fuse holder. Ensure that the yellow (+) and black (-) ring terminals reach the appropriate battery terminals.
5. Secure black with yellow stripe wire fitted with tongue terminal to body frame obtaining a good earth.
6. Insert relay into base.
7. Mount the switch in a suitable position.
8. Locate a grommet through the firewall and pass the brown wire and black with red stripe wire through the pierced grommet to the switch location.
9. Strip 5mm off the ends of the insulation of the brown wire and black with red stripe wire, then crimp a red terminal to each end, connect to left and right terminals on the switch.
10. Route the two insulated white (+) and black (-) wires to each of your installed Lightforce driving lights, connect the corresponding terminals together. Ensure your cables do not touch the radiator or come in contact with any sharp edges.
11. Secure all excess wire to the vehicle.
12. Using a multi-meter or test light find the active high beam switching wire located on the back of the head light. Connect "Ezy Tap" connector onto this wire.
13. Strip 5mm of the insulation from the brown wire and crimp pink blade terminal to the end, connect onto "Ezy Tap" terminal.
14. Connect the yellow ring terminal to the positive battery terminal.
15. Connect the black-wired ring terminal to the negative battery terminal then reconnect main ground (negative) wire to the negative battery terminal.
16. Test.

If the lights do not operate correctly check the following:

- Recheck all installation steps.
- Inspect fuse holder for blown fuse.
- Inspect all ground wires for good earth.
- Check switch operation.
- Some automotive manufacturers use the negative circuit to activate the high beam, in this situation discard the open ring terminal with black and yellow stripe wire (A). Connect the remaining male bullet terminal (B) with the female terminal (C) on the black with yellow stripe wire taped to the yellow wire at the base of the relay.

NOTE: *This wiring harness is designed for the use of two lights only - not exceeding 9amps per light. Should extra light(s) be fitted additional wiring harness is required.*

COMPONENT BREAKDOWN

