

LMF POWER SUPPLY WIRING AND INSTALLATION



The following guidelines are with reference to the wiring used on a Logic Multi-Feeder. It can be used as an aid in fitting the wiring to a new towing vehicle or in the repair of wiring if the plug and socket arrangement has been damaged.

For more information consult the Multi-Feeder user manual or contact your local Logic dealer.

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The following instructions are to connect the power supply and wiring for the control box to an ATV. If fitting to another vehicle such as UTV, Landrover or 4x4 pickup the same installation principals should be applied.

The standard cable lengths on the control box are to fit any ATV. Please contact your dealer if you require a control box with longer cable for use with other vehicles.

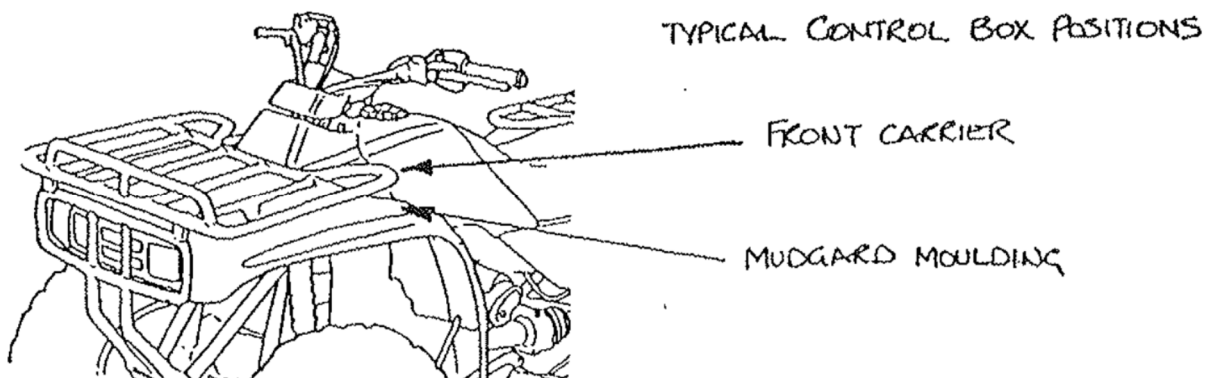
ATV POWER SUPPLY WIRING AND INSTALLATION INSTRUCTIONS



NOTE: Read all the instructions before starting.

The Multi-Feeder power supply must be wired directly to the towing vehicle battery, not to the auxiliary plug or any other point.

1. Open up the installation kit and check the contents, which include:
 - a) A complete wiring loom with ON/Off control box, battery connection terminals (including fuse unit) and socket.
 - b) A selection of clips, washers, nuts and bolts to attach the socket end of the loom to the ATV rear carrier or fender and the control box to the front end of the ATV.
 - c) Spare wiring connectors for use if the battery wiring loom is shortened to facilitate a neat fit on the ATV.
2. First select the best position for the control box.
From the control box position ensure there is enough wire length to trace back to the battery and the socket at the rear of the ATV.
A suitable position would be either on the plastic mudguard moulding body, or on the back rail of the front carrier rack, so that the counter can be easily seen by the operator.
Use 2 x metal backed rubber clips if the box is secured to the carrier rack.

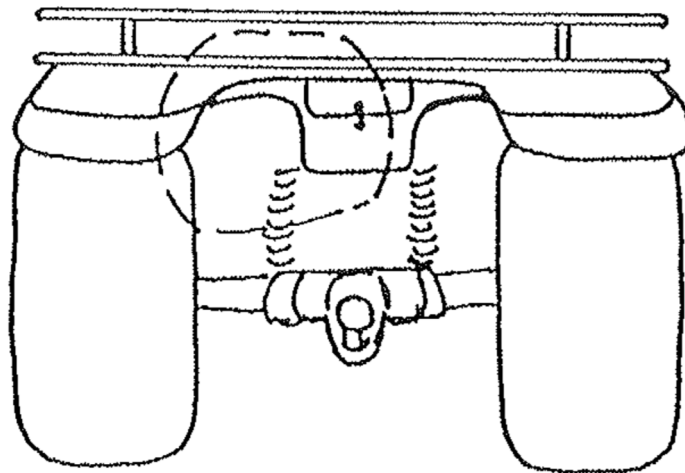


3. When fixing direct to the mudguard moulding use a 6.5mm (1/4") drill bit, drill through the plastic moulding at the marked positions 82mm apart, take care not to damage any other wiring or anything else in this location.

4. Locate the control box in the holes. Secure in position with the washers and nuts provided.
5. Route the socket wire to the rear end of the ATV. This task will be easier if the socket is removed from the wire.
Take care when routing the wire to avoid sharp edges that could wear into the wiring or hot areas (exhaust) that would melt the insulation.
6. Before cutting the wire to refit into the socket, site the socket on the rear carrier or other suitable position.
7. Mount the socket as central as possible immediately under the rear carrier, either by clipping it to the carrier or fixing to the plastic moulding e.g. the inner mudguard area or one of the surfaces of the ATV locker available on some models. This is shown below

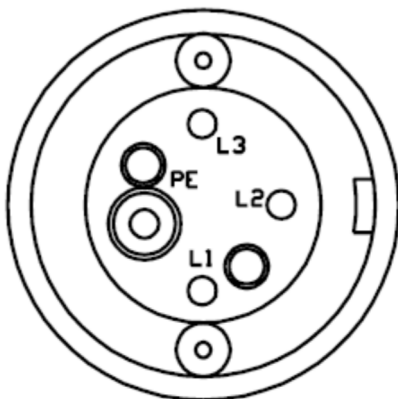


If the socket cannot be mounted centrally it should be mounted on the left side (near side) of the ATV, but no more than 200mm from the centre so that the plug wiring from the Multi feeder will not be overstretched when turning.

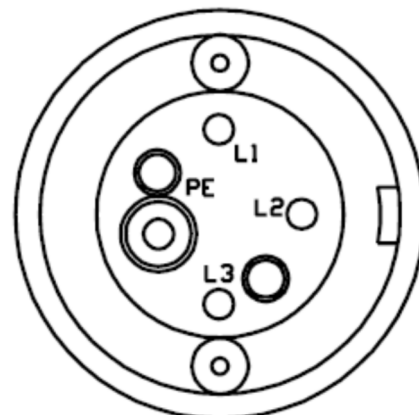


9. Once the socket is secured in position cut the power supply wire to the correct length, trim the 4 wires and connect to the socket terminal in the correct order as shown below.

Socket (ATV)



Plug (Feeder)



L1 - RED
L2 - BROWN
L3 - WHITE
PE - GREEN

Wire colour	Wire number
L1 - GREY (BLUE older models)	CORE 3
L2 - BROWN	CORE 1
L3 - BLACK	CORE 2
PE - GREEN/YELLOW	GREEN/YELLOW