DRL Fitting instructions – LED Pod Lights
Part no LP-X290

Models - Fiat Ducato, Citroën Relay, Peugeot Boxer X290 Face lift type 2014 to 2021 (Vans and Motorhomes)



Precautions & General guidance

This led day running light kit must be fitted and connected to the power supply as instructed below. The lights are designed to work only with the supplied controller and must not be connected to any other power source. Failure to do this will damage the LED bulbs and cause failure.

- Always take extreme care when using power and hand tools and be sure to follow the manufacturer's safety instructions.
- Protect the area being worked on with masking tape so that if any tool slips it will not damage any adjacent bodywork.
- Fitting this kit will not interfere with the van's canbus electrical system.

Disclaimer - These instructions are given in good faith but the fitter is ultimately responsible for checking that they can be followed safely. They apply to the models we have tested but there may be slight differences on some variants mainly on the position of wiring connections.

Parts included in the kit:-

2 lamp assemblies
1 control box
1 short and 1 long wire harness
1 fuse box connector
8 cable ties
1 wire snap connector
1 bolt and nut
4 stainless steel torx screws

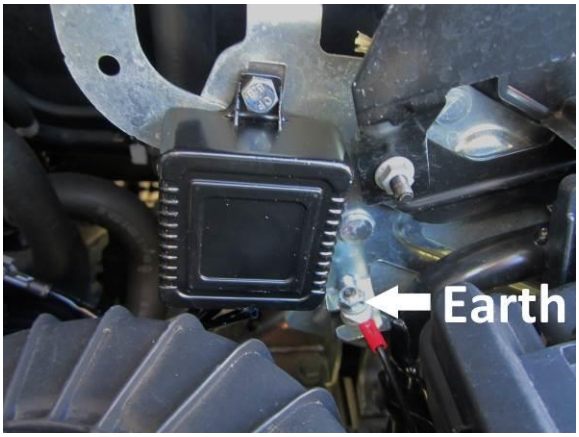
Wiring checklist

White – Ignition controlled live (ACC)
Black – earth
Blue – dipped headlamp circuit (signal wire)

Wiring:-

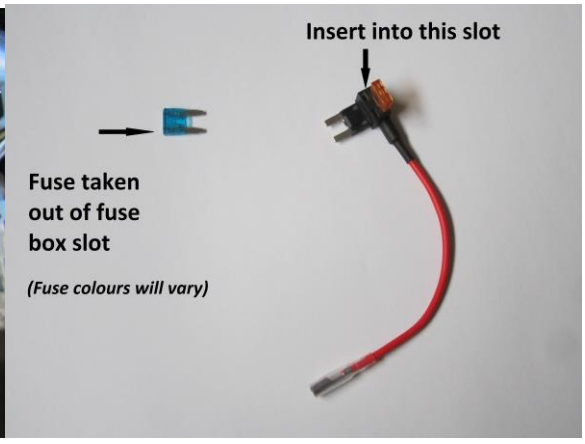
1. To gain access to the fuse box under the bonnet on the nearside (UK) remove the headlamp. It is secured by a torx head bolt on the left side and a long plastic nut with torx head on the right side corner under the wing. Remove these and slide the unit sideways towards the centre of the vehicle and release. **These instructions can be found in the vehicle handbook.** Unplug the wiring connector.

2. Plug the two wiring looms into the short leads from control box and feed the longest wire across the top of the front cross member and down and through the small grill into the back of the bumper recesses.
3. Feed the other wire and plug down to the passenger side.
4. Secure the control module to the bracket shown in the picture and connect the **Black** earth wire to the position shown. Please make sure that this is a good metal to metal connection.
5. Connect the **BLUE** wire to the green with a black stripe wire (green only in some vehicles) in the loom to the headlamp with the red snap connector supplied (please see connection instructions below) The corrugated sleeve has a split – pull it apart and find the correct wire.
6. Open the fuse box (3 Plastic screws) and slide the wire cover upwards on the RH side (It may need a sharp pull) to route the white cable.





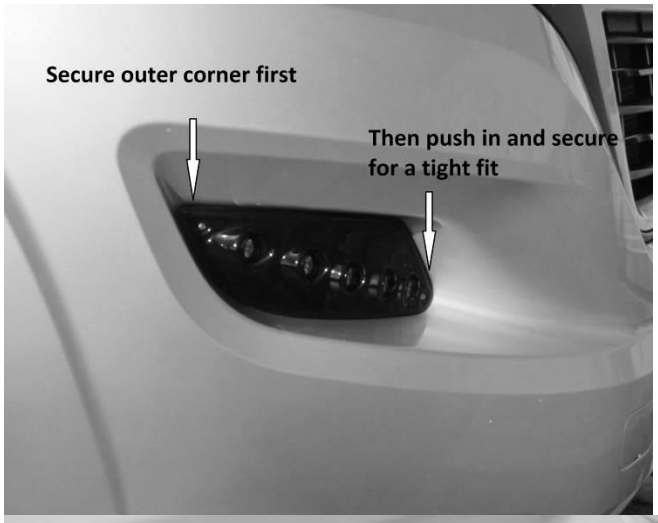




6. Using the add a fuse connector supplied take out fuse F24 from fuse box and **insert it into the bottom slot of the plug in adapter with the supplied fuse in the top** and insert the connector back into the same fuse box slot. Feed the **White wire** from the control module into the fuse box from underneath on the RH side and connect to the fuse connector.

8. Replace the side cover and the lid of the fuse box and then the headlamp.

9. Use the cable ties supplied to secure the wiring loom making sure it does not come into contact with any hot surfaces or moving parts.







10. Offer the Pod Light assemblies to the bumper recesses and if necessary file the edges for a snug fit (These recesses do vary slightly in shape) Plug the lamps into the looms, align, drill 2mm pilot holes and fasten with supplied torx screws. Do not overtighten them.

Please note

The control module is voltage sensitive.

The sequence of the lights are as follows –

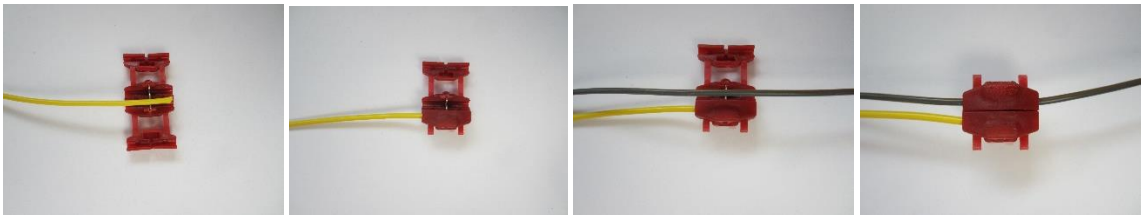
Ignition on – lights on for a few seconds then off or will flash depending on the battery voltage.

Engine started – lights on continuously.

(This feature is to save the battery if the ignition is left on without the engine running)

Headlamps on – Lights off

Easy fit snap connector assembly instructions



1 2 3 4

1 – Place end of wire from controller on to one side of notched metal tab.
2 – Close cover and clamp with pliers
3 – Find the correct headlamp power wire and place in second notched metal tab.
4 – Close second cover and clamp with pliers.

Email sales@ledcom.co.uk
Website www.ledcom.co.uk

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Troubleshooting

To avoid damage to Led bulbs only apply power when connected in series.

Fault	Problem / Solution
Lamps do not go out with dipped headlamps	Check connection of blue wire to dipped headlamp supply – must have at least 12 volts when dipped headlamps are switched on. (measure by probing this wire with a meter)
Error warnings on dash	Fuse taken out of fuse box for fitting adapter not replaced in bottom slot of adapter – adapters must have two fuses fitted.
Other problems	Usually due to a bad earth connection