



New Lucas DL3 Wiper Motor

Fitting Instructions



Warning! Please read all the instructions carefully before fitting this Wiper Motor.



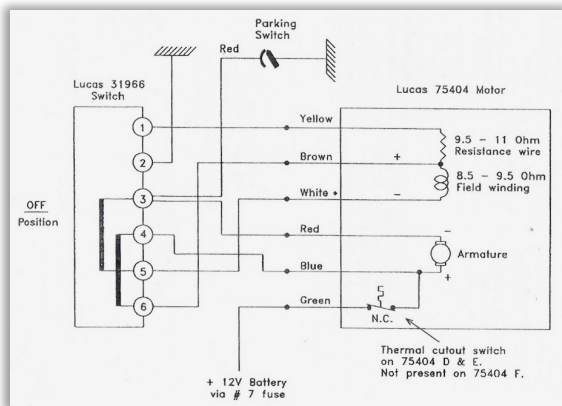
Authentic Wiper Range

Wiring Connections On The New DL3 Wiper Unit:

The new DL3 unit is built to the same specification as the OE unit. Wiring colours and configuration are the same so the unit can be connected easily without any modification to the existing vehicle loom.

Please note: Before undertaking any electrical work on your vehicle it is recommended to isolate the battery or power supply to the component being worked on or replaced.

1. Isolate the battery/power supply so that the original unit is safe to remove.
2. Disconnect the connection cabling from the loom to the original unit.
3. With the cables disconnected start to remove the unit from its connection to the wiper linkage and vehicle. ***It is advisable to take pictures of the orientation of linkage bars to refer to on re-installation of the new unit later.***
4. Refit the drive arm from the original unit to the new wiper unit and re-install back into the vehicle.
5. When the unit is fitted in place reconnect the cables colour to colour from the wiper motor to the vehicle loom (***see previous note ref inline fuse***). Below is a simple wiring diagram of the DL3 to the Jaguar loom and switch, showing the wiring colour configuration.



Lucas OEM document for reference only

If you have any queries regarding the mechanical or electrical connection of the unit to your vehicle, please contact us or consult a qualified mechanic or auto electrician !

YOUR GUARANTEE:

We are so confident in our units that each one comes with a

TWO YEAR WARRANTY.

In the unlikely event that this unit should fail, please return it to us for inspection and if it is covered under warranty, rest assured we will repair it or replace it Free Of Charge. Please see our Warranty Policy on our website.



IMPORTANT NOTICE

Always disconnect the battery before undertaking electrical work!



Thank you for purchasing our new Lucas DL3 wiper motor. This has been re-designed using the latest specification internal components improving efficiency and reliability over the original design. Internal components like armatures and field coils are all an all new specification providing a more efficient drive system. The armature running on a new revised roller bearing design and not friction based bushing as previously used. All these updates providing a more robust design to give years of maintenance free operation.

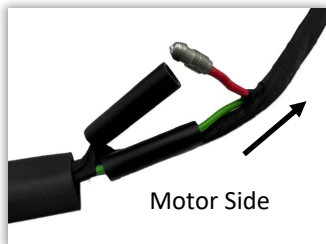
The new unit is also designed to operate on both left and right hand drive vehicles. A simple wiring configuration change on the cable changes the motor rotation to suit the required Left or Right hand drive application.

CHANGING THE UNIT OPERATION FROM RIGHT TO LEFT HAND DRIVE:

You will see that the unit connection cable is supplied with a length of heat shrink tubing. This covering two reconfigurable bullet connection blocks. Slide this back to reveal a Red and Green cable exiting unit side, these connecting Red to Red and Green to a Green and Blue two wire configuration on the opposing side of the connection block.

The unit is supplied configured for **Right Hand Drive** application. To change to **Left Hand Drive** simply remove the Red and Green cables from the connector block and swap their original connection places.

The picture below shows the connection block with one of the cables removed.



Configuration:

RHD— Red to Red Cable / Green to Green and Blue Cable

LHD— Red to Green Cable/Blue Cable
Green to Red Cable

Once you have the cabling orientation correct, you can slide over the heat shrink over the terminal blocks and using a heat gun, warm the heat shrink until it pulls in tight around the connections forming a weather proof seal.

Before proceeding to connecting the unit to the vehicle loom, supplied with the unit is an optional in-line fuse connection. See below picture.

On some vehicles the wiper motor is protected via a 35amp fuse. This protecting multiple other circuits such as fans etc. We recommend that the inline fuse is fitted in this case.

Connection is straight forward , the inline fuse holder fits inline between the green cable connection sitting between the wiper motor and the main loom connection





Classics live forever

Lucas products arise out of technical excellence and a spirit of innovation that has guaranteed us on-going international success.

Our reputation is based on a wide product range with exceptional durability and resistance.



Authentic Wiper Range