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Fitting Instructions for Defender Heated Windscreen Kit – Tinted

Part Nr. PLK8521

Fits: 1983–2016 Defender
all models

READ ALL INSTRUCTIONS COMPLETELY BEFORE BEGINNING!

Kit includes

- 1- Windscreen – PLI134
- 1- Windscreen Seal – PLE362
- 1- Wiring Harness w/ Fuses– PLQ644
- 1- Relay– 87421
- 1- Switch– RRC7311
- Assorted spade connectors



Description

Enjoy the benefits of clear vision all winter long. Our heated Defender windscreen kit will quickly clear your entire windscreen of frost and ice, long before your heater comes up to temp. contributing to safe and comfortable winter travels. Our complete kit includes a tinted, laminated windscreen, one piece rubber windscreen seal, complete wiring harness with relay, Genuine illuminated rocker switch, and wiring instructions. Laminated, DOT approved.

Suggested Tools:

- Safety Glasses
- Heat Shrink Tubing
- Soldering Iron, Solder & Flux
- Wire Stripper



Safety Glasses



Heat Shrink Tubing



Soldering Iron, Solder & Flux



Wire Stripper

Fitting Instructions for Defender Heated Windscreen Kit – Tinted**Directions**

Note: These instructions assume a 12 volt negative earth vehicle.

Step 1. Disconnect battery.

Step 2. Replace existing windscreen glass with the heated glass using the included windscreen seal. Wires and corner cut-outs face the inside of the vehicle. See Wiring Diagram.

Step 3. If the windscreen does not have connectors on the ends of its wires, crimp on included 1/4" 16-18 gauge male spade connectors to windscreen wires.

Step 4. a) If your heated windscreen is equipped with three wires, connect the wiring harness to the heated windscreen by connecting the two 14-gauge black wires with female spade connectors to the wires on the outside of the heated windscreen and the brown wire with a yellow tracer to the wire in the middle of the heated windscreens. See 3 wire wiring diagram.

Step 4. b) If your heated windscreen is equipped with only two wires, you will need to separate the two 14-gauge black wires with female spade connectors from the large brown wire with the yellow tracer and a female spade connector. Once separated, cut off the existing female spade connectors from the two 14 gauge black wires. With spade connectors removed strip the ends of the two black 14 gauge wires and twist them together. Crimp the included 12-10 gauge 1/4" female spade connector to the now joined black wires. See 2 wire wiring diagram.

Step 5. Connect the green wire labeled "F" to the toggle switch terminal labeled "POWER". Connect the green wire labeled "R" to the toggle switch terminal labeled "ACC". Connect the 18-gauge black wire with a female spade connector to the toggle switch terminal labeled "GROUND".

Step 6. Connect the white wire exiting the fuses to a positive source only powered when the ignition switch is in the ON position.

Step 7. Connect the brown wire with a yellow tracer exiting the fuses to a source with positive power regardless of ignition switch position. Make sure the positive power source has at least the same gauge wire as the brown wire with a yellow tracer.

Step 8. Ground the black wire with a ring terminal.

Step 9. Mount the fuse box where convenient.

Step 10. Mount relay where convenient

Step 11. Mount switch where convenient.

Step 12. Attach your wiring harness away from heat and moving objects such as brake and clutch pedal assemblies.

Step 13. Reconnect your battery and enjoy your new heated windscreen.



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