

Porsche 914 Wiper Interval Relay Harness Installation Instructions

For 914 Porsche 1972-76 only

Special thanks to this from SirAndy and Tomeric914 for this information

A) The optional equipment Wiper Interval Relay harness



The relay socket mounts with one 6mm bolt/nut to the existing hole on the cowl brace (Fig 1)



The wiper interval relay harness above (Fig. 2), includes a Relay-Socket with 5 female connectors, one in the center, 4 around. The 5 wires are color coded as follows: brown/black, blue/black, red, green/white, brown.

The factory manual refers to the wiper interval delay circuit as brown/black wire #91 (see Figs. 3, 4, 5)

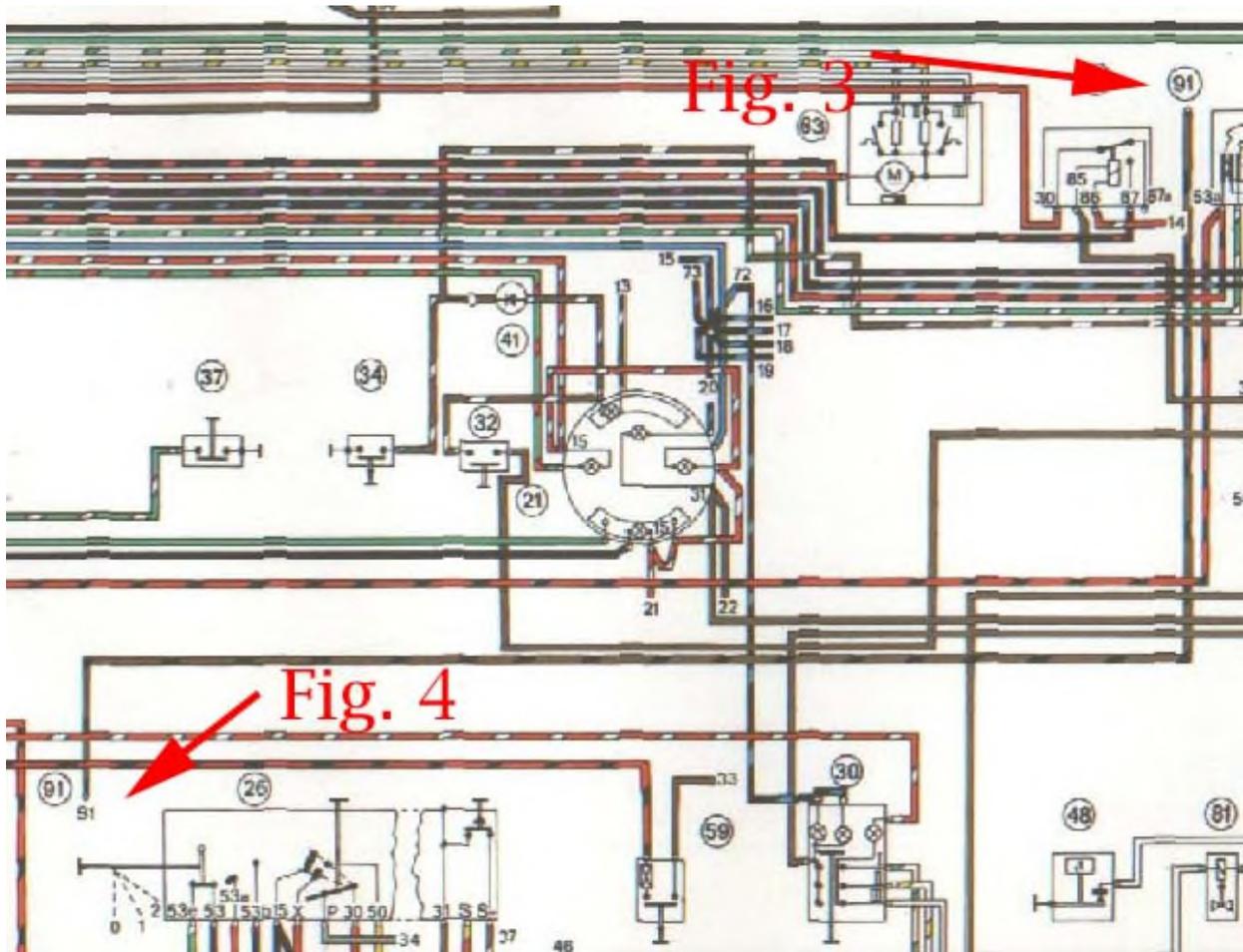
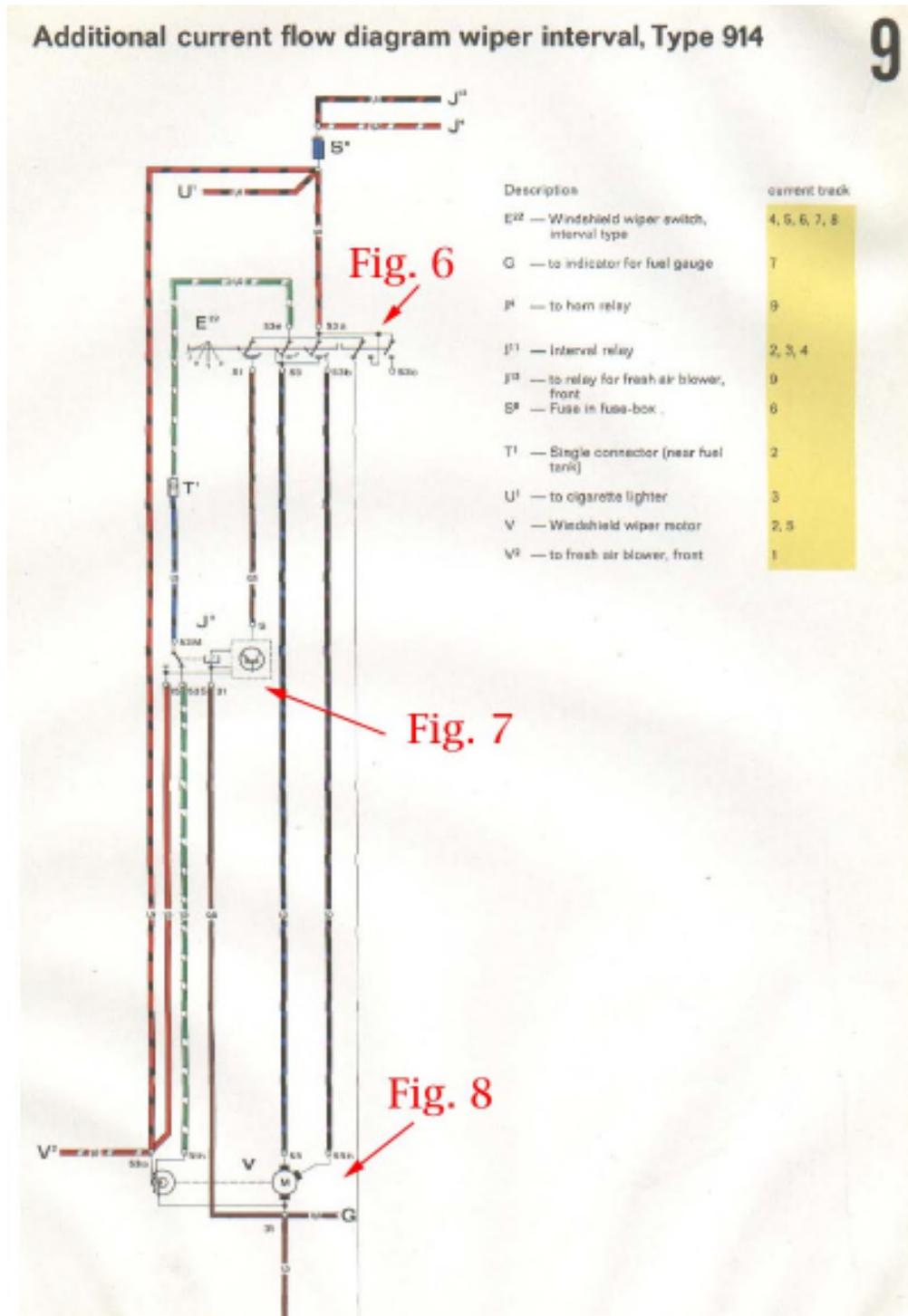


Fig. 5

- 81 Cold start valve
- 82 Ground connection point A
- 83 Ground connection point B
- 84 Ground connection point C
- 85 Ground connection point D
- 89 Optional horn
- 90 Regulator plate
- 91 Windshield wiper interval relay (optional)
- 92 Oil temperature indicator (optional)
- 93 Electric clock (optional)
- 94 Oil temperature gauge dial (optional)
- 95 Voltmeter (optional)
- 96 Illumination for heating lever

B) Locate the control wire for the relay

The relay control wire is a brown/black wire in the main chassis harness that begins at the steering column (far left connector, first wire, see Fig. 6) and routes in the main harness through the front firewall towards the wiper motor. The wire terminates around the first support bracket (drivers side, see Fig. 1) near the wiper motor. The wire is lapped over and taped onto the main harness, just find the lump in the harness under the tape and remove the tape to expose the wire.



C) Locate the 4 wires on the wiper motor (Fig. 8)

The wiper motor wires are color coded as follows: red/black, green/white, black/blue, black/purple

D) Insert the relay harness wires in line with the original motor wires (Figs. 7, 9)

- 1) Remove the red/black wire from the wiper motor. Attach the relay red wire to the motor (it has a double connector) then put the red/black back on the second pin.
- 2) Remove the green/white wire from the motor and attach it to the relay blue/black wire (male connector, inside the box housing)
- 3) Take the relay green/white wire and attach it to the previous original green/white connector on the wiper motor
- 4) Insert the brown/black wire into the only empty connector in the relay socket
- 5) Attach the relay brown wire to the wiper motor ground

E) Insert the relay into the relay socket

The original relay, part# 477.955.531



I am told that certain other relays may also work, but have not verified:
111.955.531, 191.955.531, 357.955.531, 321.955.531A, 377.955.531

F) Now every time you use your windshield washer, the wipers will run for a while, have fun ...

G) Run it with electric pump

I am told that if you have an electric windshield washer pump, you can also use the (brown/black) control wire to also power your pump, but I have not tried this. Simply splice the wires and run it to the pump. See the last diagram.

Wiper Motor with Relay

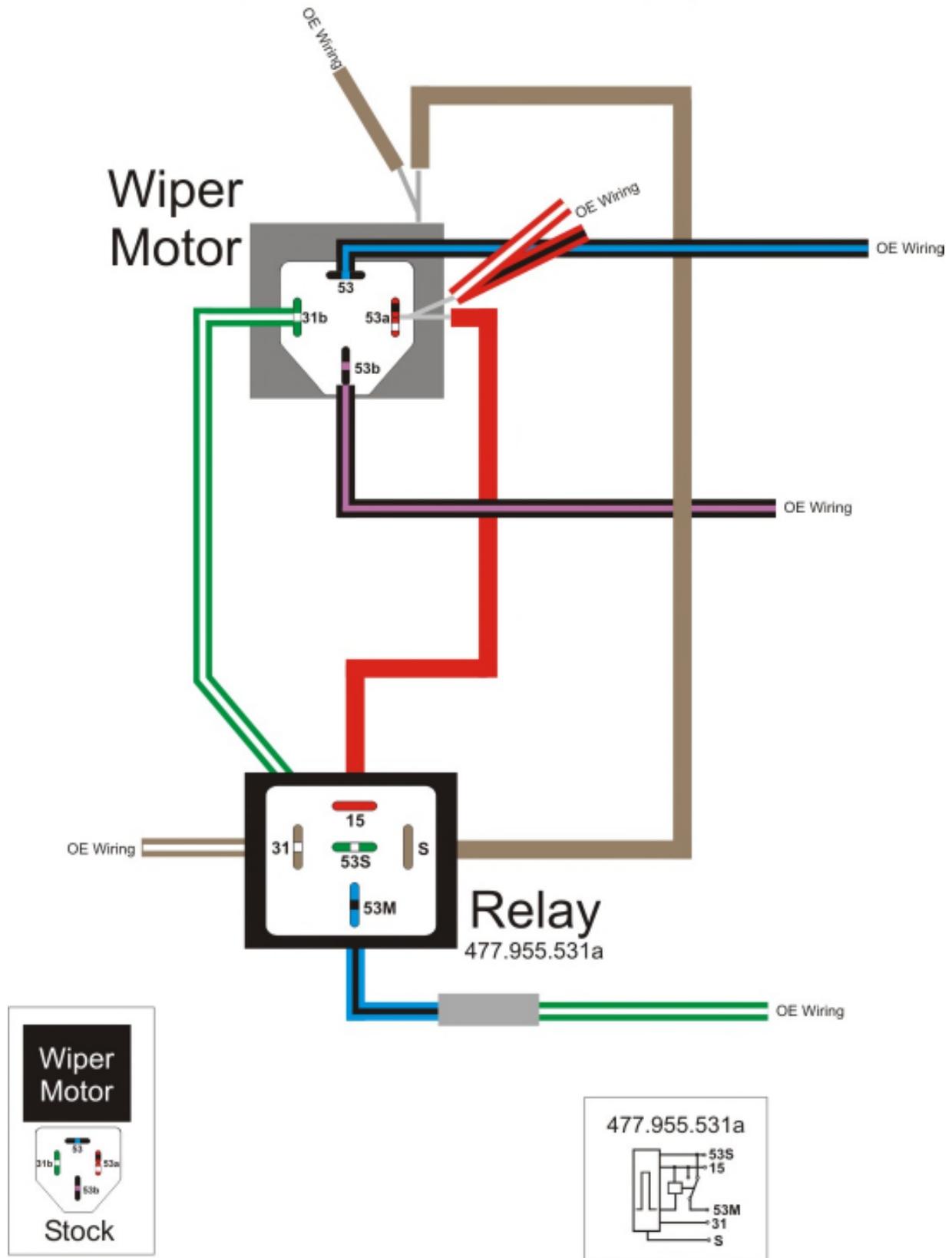


Fig. 9

