PORSCHE

P820
914

PRODUCT INFORMATION CIRCULAR

STARTER
PARTS IDENTIFIER 820 10

August 11, 1972

If especially at high ambient temperature the starter solenoid does not engage, or if it engages, but does not crank the engine, this condition can be a result of excessive voltage drop in wire 50 (yellow). The minimum voltage necessary for starter operation depends on the temperature of the starter which can vary from 7.5 volts at 72°F to 9.6 volts at 194°F.

Maximum voltage at the starter solenoid contacts can be achieved by eliminating the voltage drop in wire 50. Therefore, we suggest the installation of relay 901 615 102 00 in cases of related complaints.

Installation Instructions:

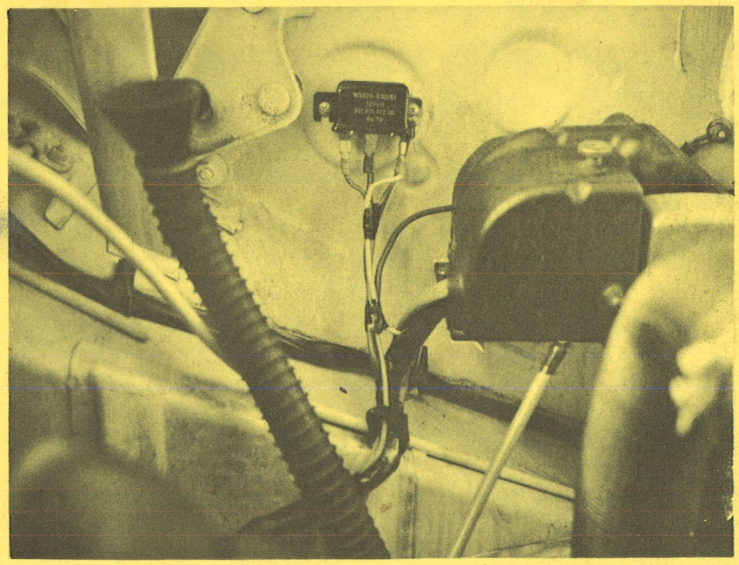

Figure 1

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INSTALLATION INSTRUCTIONS

1. Mount relay on the left side of the engine compartment as shown on Figure 1.

2. Mark 4" distance from 12 prong plug on main harness. Start splitting the outer installation to expose yellow wire.

3. Cut yellow cable as shown on Figure 2, and connect the end coming from the 12 prong plug directly to terminal 85 on the newly installed relay.

4. Install female push-on connector on the yellow wire leading to the starter solenoid. Connect yellow wire to the green 10" pre-prepared green wire. Use insulated wire to wire connector (see Figure 2).

5. Connect the green wire to terminal 87 on the newly installed relay.

6. The pre-prepared 100" red wire is the connection of terminal 30 on the newly installed relay to battery plus.

7. The pre-prepared 5" brown wire is the ground connection of terminal 86 of the newly installed relay to the left fastening screw.

8. Use insulating tape to repair cut on the outer installation of the main harness and route red wire properly to avoid any tangling.

Suggested Installation Time - 70 T. U.

Wiring Diagram for Porsche 914 Starter Relay

FIG. 2