

Bulletin Number TS72-20	Date April 3, 1972
Classification Number BE72-003	Section Body Electrical
Models 510 Series	

DISTRIBUTION.

Read, Initial,

Pass on

General Manager

Service Manager

Shop Foreman

Technicians

Parts Manager

Service File

PROCEDURE FOR INSTALLATION  
OF TACHOMETER, 510 SERIES VEHICLES

Parts required are the following:

1. Tachometer Assembly, part number 24855-A6000;
2. Harness Assembly, part number 24158-A5400;
3. One male and one female replacement terminal (crimp-on type).

These parts are shown in figure 1.

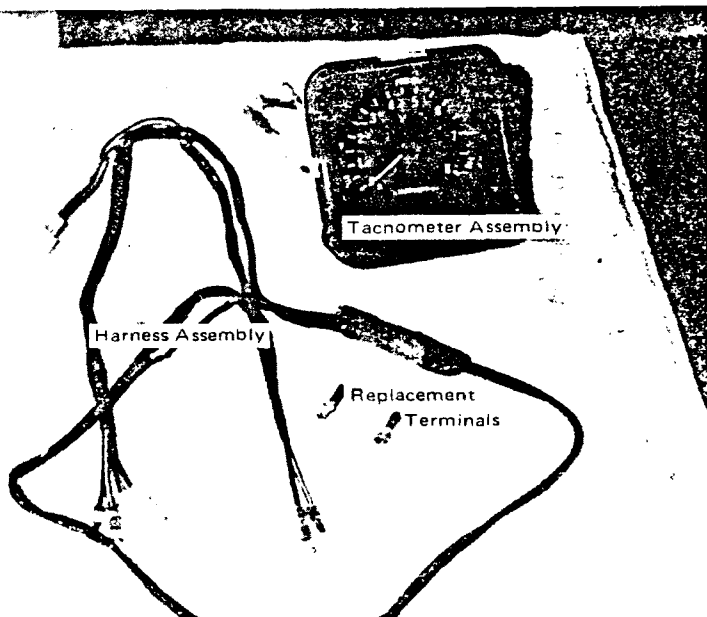
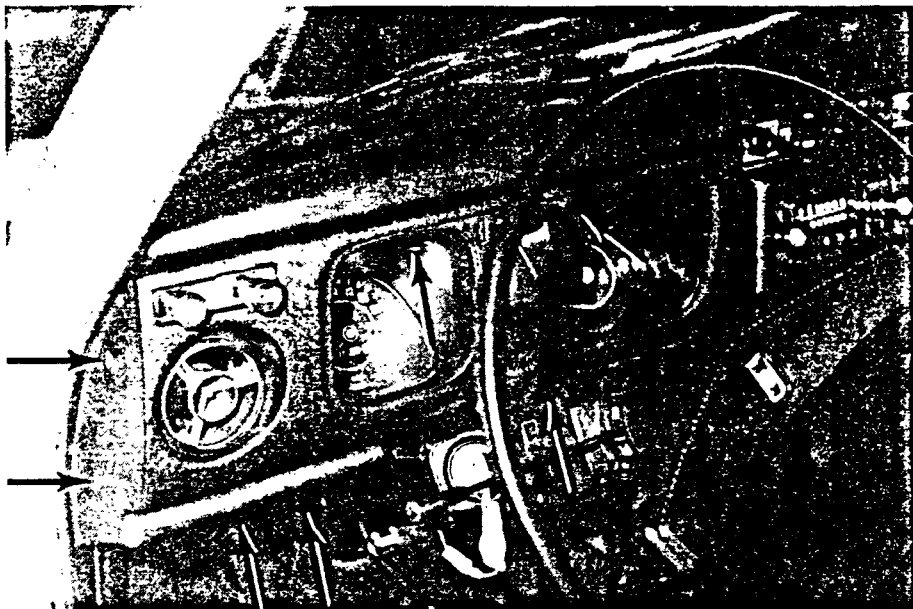
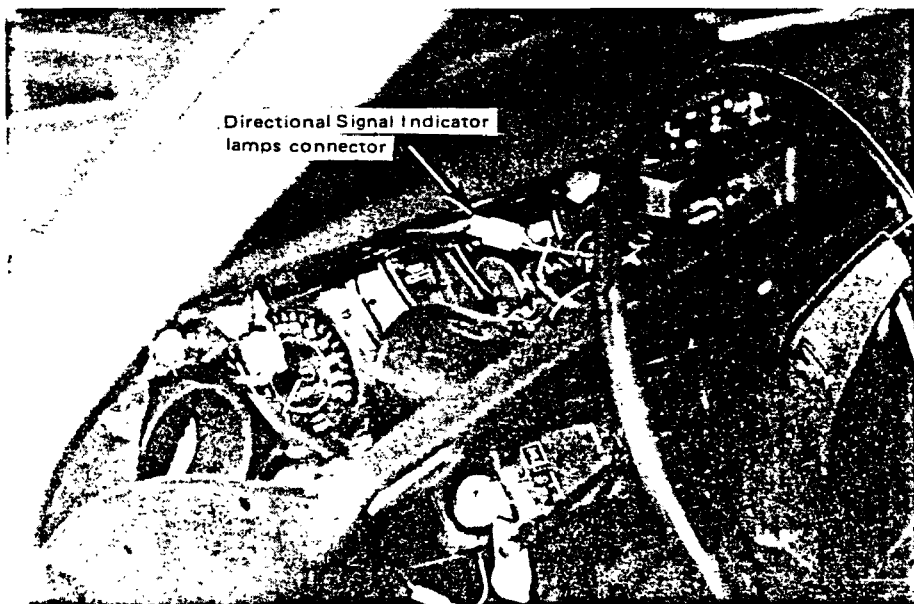


FIGURE 1 — Parts required to install Tachometer  
in (W) PL510

1. Remove the seven (7) screws attaching the meter cover to the dash as shown in figure 2. Disconnect the directional signal indicator lamps connector, shown in figure 3, from the dash wiring harness and move the meter cover out of the way.

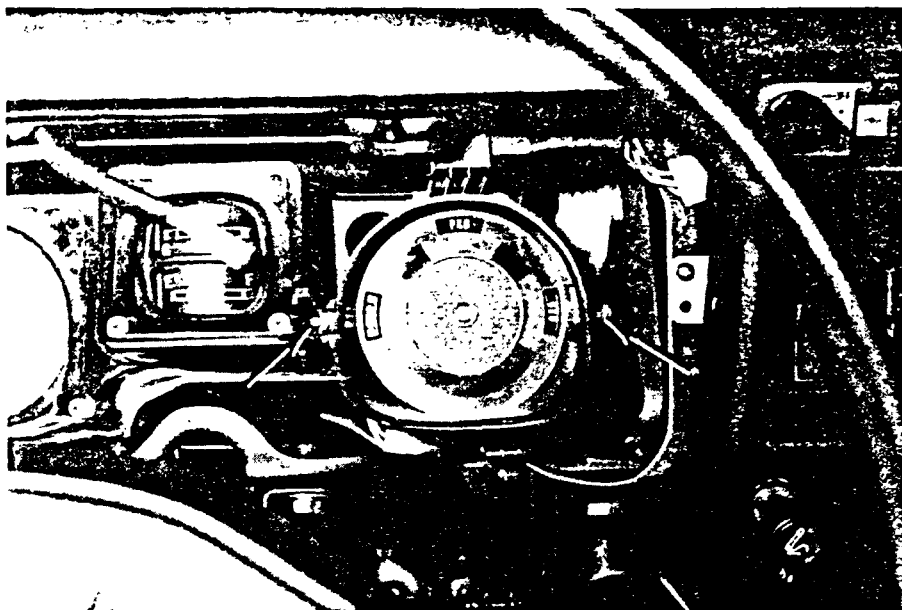


*FIGURE 2 – Meter Cover attaching screws*



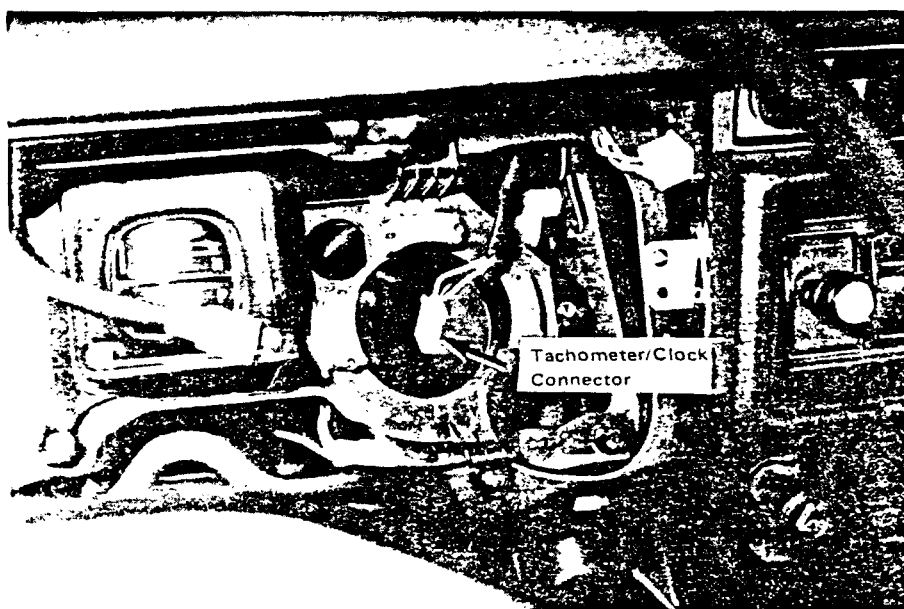
*FIGURE 3 – Directional signal indicator lamps connector*

2. Remove two (2) screws attaching warning light assembly as shown in figure 4. (This unit contains the oil pressure, parking brake, and charge indicator warning lights.)



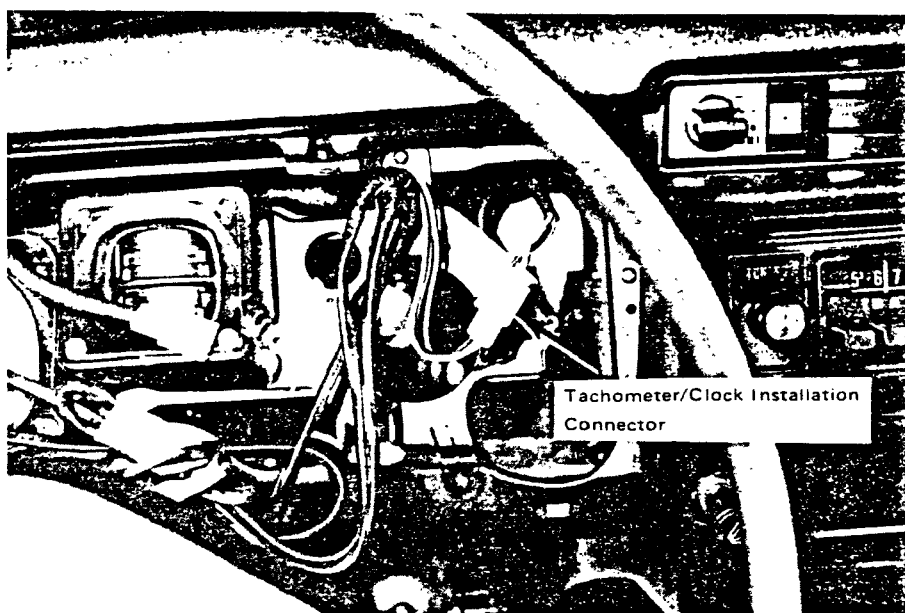
*FIGURE 4 – Warning light indicator  
attaching screws*

3. Locate tachometer/clock installation connector on under-dash harness. This connector is usually taped to the wiring harness. The connector can be identified by the three wires, color coded black, green/white, and blue/white. Figure 5 shows the approximate location of this connector.



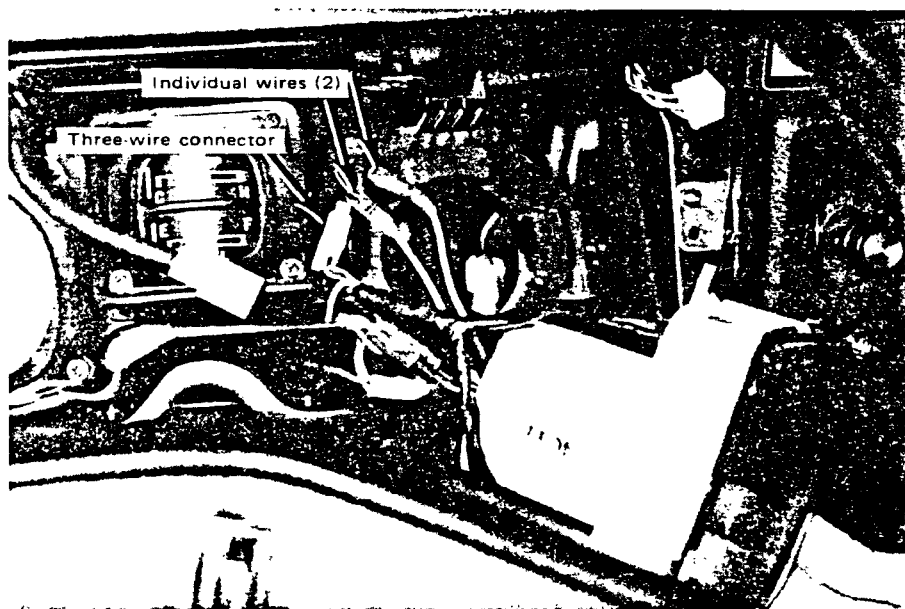
*FIGURE 5 – Tachometer - clock connector*

4. Using the connector found in step 3, locate the matching connector on the tachometer wiring harness (part number 24158-A5400). Connect these matching connectors together as shown in figure 6.



*FIGURE 6 – Tachometer/clock - tachometer wiring harness connectors*

5. Connect the remaining three-wire connector of harness assembly to matching connector on tachometer assembly. Connect the two individual wires to the matching wires on the tachometer assembly. Figure 7 shows these connections.

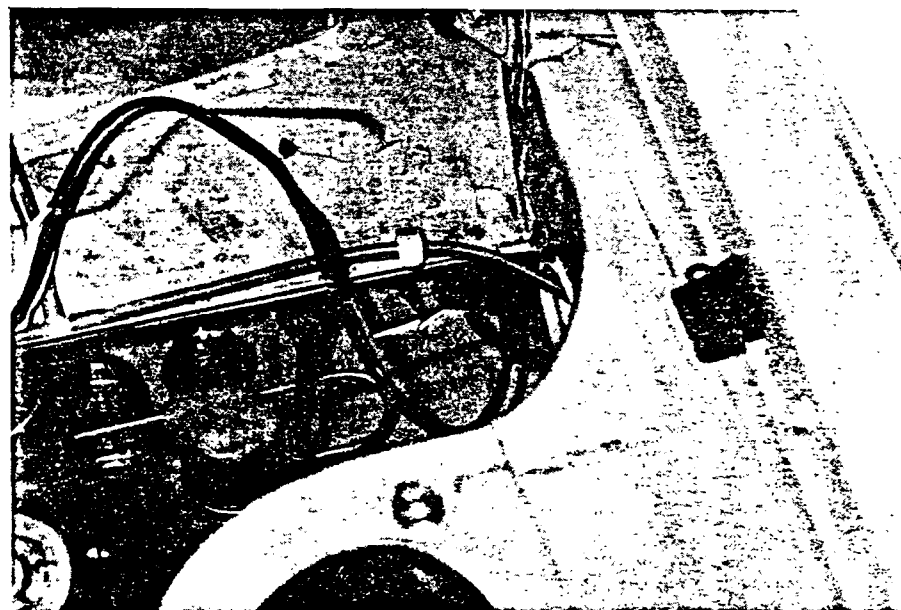


*FIGURE 7 – Tachometer harness - tachometer connector*

6. Insert the two long wires (black/white and black/green) of tachometer harness assembly through the hood release cable grommet in the firewall. The grommet, located as shown in figures 8 and 9, has a molded-in, sealed passage that can be opened by pushing a screwdriver through it from the vehicle's interior side.

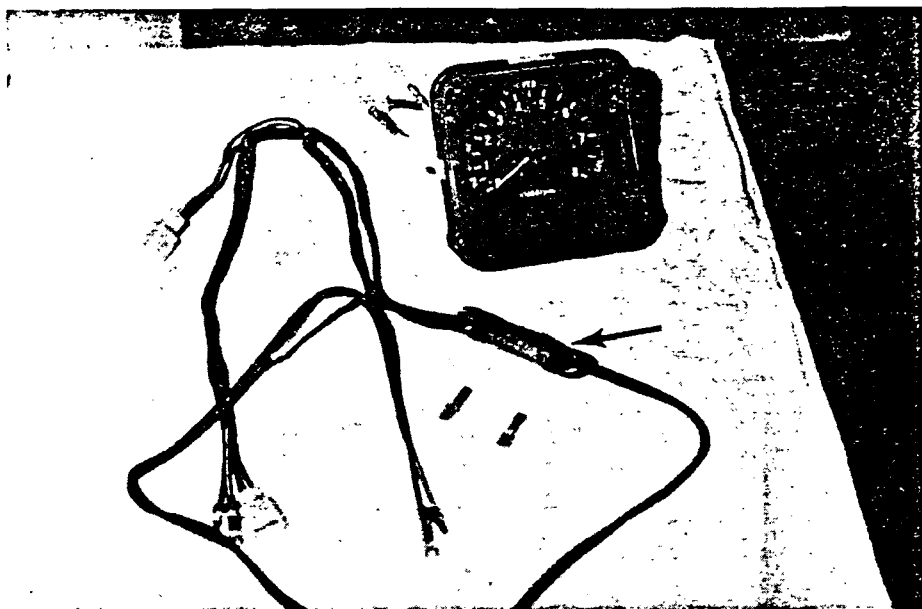


*FIGURE 8 – Hood release cable grommet*



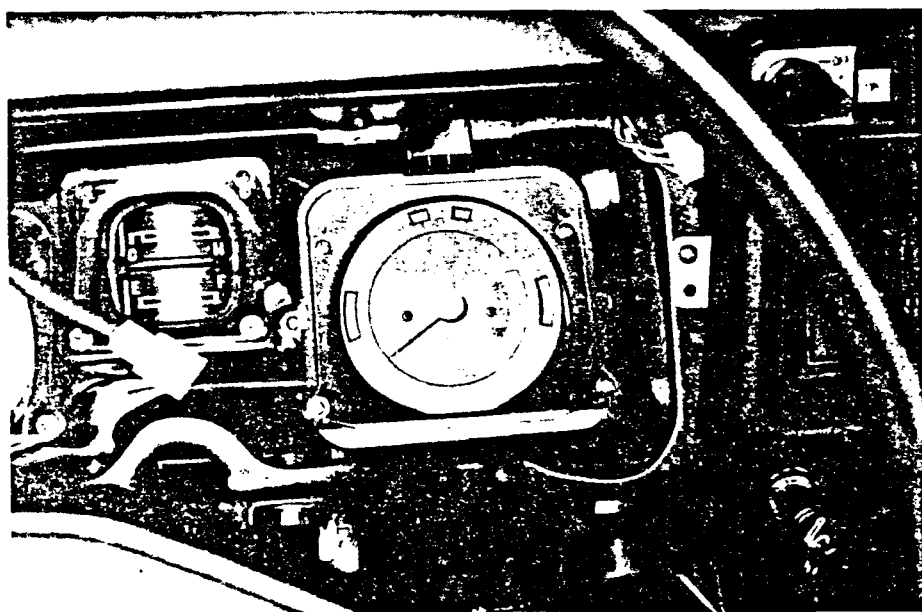
*FIGURE 9 – Wires inserted through grommet*

7. Locate the three remaining wires (black, green/white, and blue/white) of the tachometer wiring harness in the under-dash area. If it has not already been done, tape these wires back against the wiring harness to prevent their touching any metal under the dash. Figure 10 shows this condition.



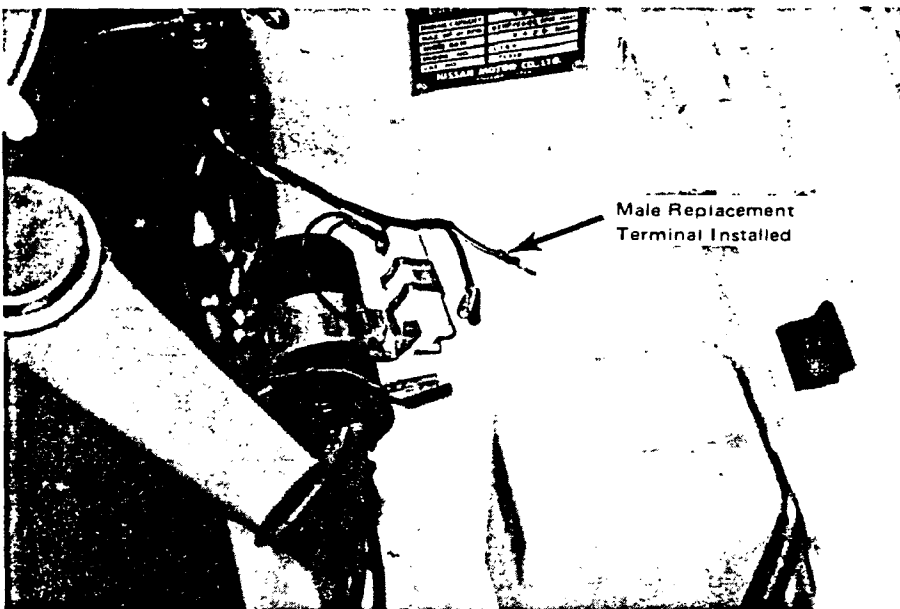
*FIGURE 10 – Wires taped against wiring harness*

8. As shown in figure 11, remove the illumination lamps and sockets from the tachometer assembly. Install the tachometer assembly into the dash opening where the warning light assembly was removed in step 2. Screw down the assembly and reinstall the lamps and sockets. Make sure that the harness assembly is not caught between the tachometer and the sub-panel. Reinstall the meter cover panel, and reconnect the directional signal indicator lamps.



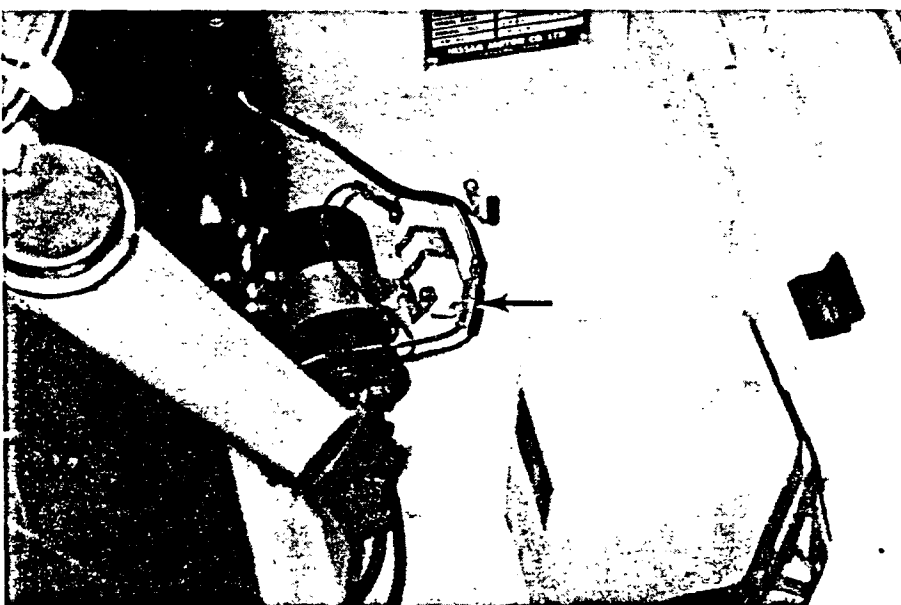
*FIGURE 11 – Tachometer assembly installed*

9. Cut the terminal off the black/white wire of the tachometer wiring harness assembly in the engine compartment, and install the male replacement terminal. Figure 12 shows the replacement terminal installed on the wire.



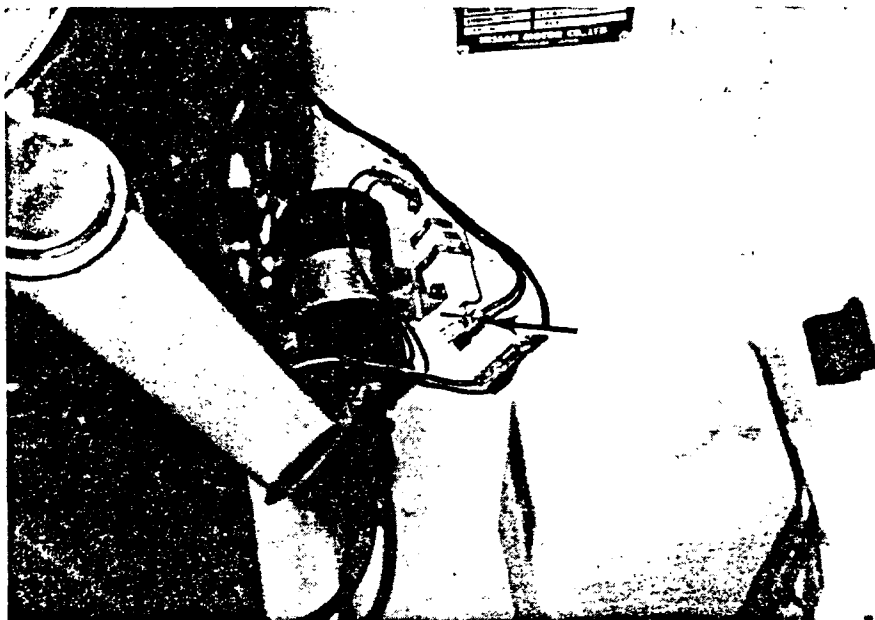
*FIGURE 2 – Tachometer wiring harness terminal*

10. Disconnect the black/white wire of the engine compartment harness from the ignition resistor. Connect this wire to the new terminal on the black/white wire, as shown in figure 13.



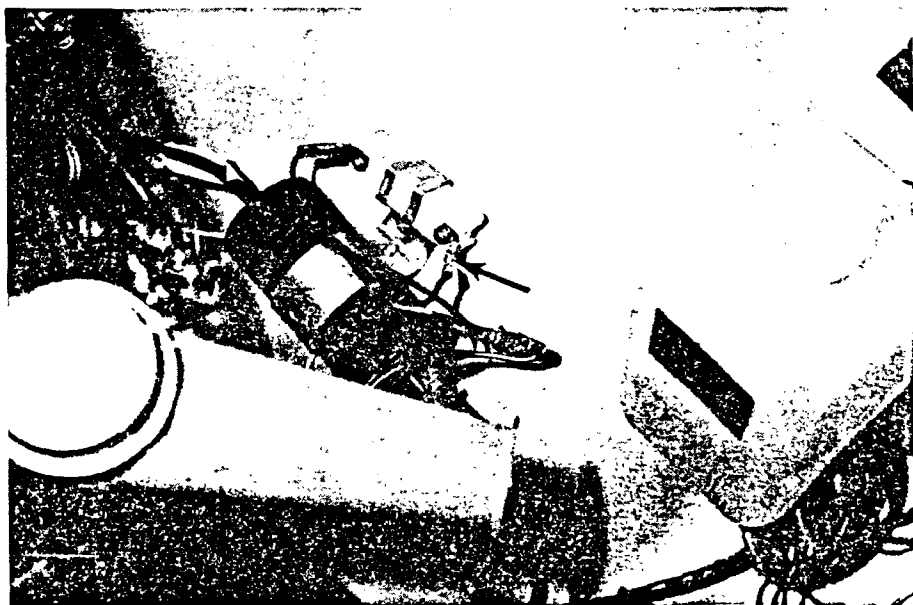
*FIGURE 13 – Engine compartment harness tachometer wiring harness connection*

11. Cut the terminal off the green/white wire of the tachometer wiring harness assembly, and install the replacement female terminal. Figure 14 shows the replacement terminal installed on the wire.



*FIGURE 14 – Replacement female terminal installed*

12. Connect the wire prepared in step 11 to the terminal of the ignition resistor (where the wire was removed in step 11) as shown in figure 15.



*FIGURE 15 – Tachometer wiring harness - ignition resistor connection*