

ADDENDUM TO MODEL SS2000SM-SC INSTALLATION AND OPERATING INSTRUCTIONS

MANUAL CHANGE

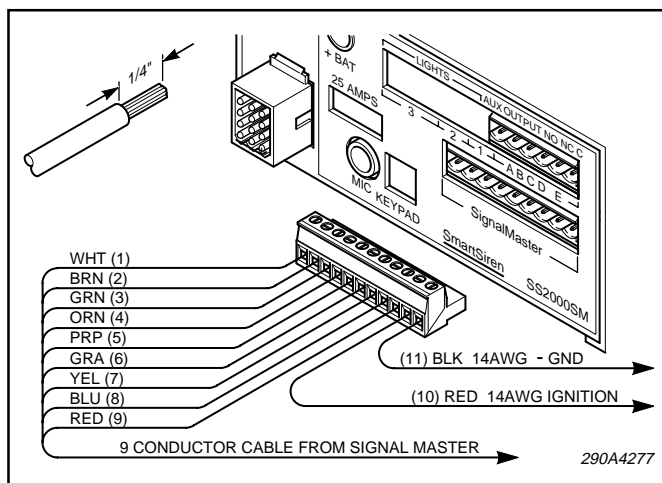
The following additions to the Model SS2000SM-SC Installation and Operating Instructions (Federal Part No. 255336B REV. B 700) are required when installing a Federal Signal LED SignalMaster.

1. Page 10, Paragraph 3-6.C. SignalMaster Connections.

If installing a Federal Signal LED SignalMaster, follow the procedure below:

C. LED SignalMaster Connections.

1. Unless previously routed, route the SignalMaster cable toward the Amplifier Unit. Use caution to avoid scraping the wires on any sharp edges.
2. Cut the cable to the appropriate length as required.
3. Route user-supplied black 14-gauge wires through the firewall and toward the battery. Route the user-supplied red 14-gauge wire toward the ignition terminal. Do not connect the red wire to the ignition terminal until ALL wiring is complete.
4. Strip 1/4" of insulation off each wire at the eleven-position connector end. Insert the eight 18-gauge wires, the 12-gauge red wire, and the 14-gauge red and black wires into the connector as shown in the figure below and figure 3-12 (page 11 of 255336). Tighten the screw at each connector position to secure the wires in the connector.



LED SignalMaster Connections.

2. Page 11, Paragraph 3-7.F. INSPECTION AND FINAL INSTALLATION.

If installing a Federal Signal LED SignalMaster, use the procedure below:

3-7. INSPECTION AND FINAL INSTALLATION.

- A. See figure 3-2 (page 5 of 255336). Secure the SS2000SM-SC Amplifier Unit to the mounting bracket with the BLACK 1/4-20 x 1/2 hex head screws and 1/4 split lockwashers. Ensure all fasteners are properly tightened.
- B. Before connection to the power source, perform a visual check of all connections and wiring.
- C. Ensure that there are no loose wire strands or other bare wire which may cause a short circuit. Also, all wires must be protected from any sharp edges which could eventually cut through the insulation.
- D. Use an ohmmeter to verify that a short circuit does NOT exist between the positive (+) and negative (-) power cable leads. Also, there must be NO short circuits between the positive (+) wires and the vehicle chassis.
- E. After performing steps A through D, connect all black (-) wires to the fusible link on the front fender. Secure mechanical and electrical connections are required.
- F. Connect all #8 or #10AWG (minimum) red (+) wires to the positive (+) terminal of the power source. Also, connect the 14-gauge red wire from the SignalMaster connector to the ignition terminal. Again, secure mechanical and electrical connections are required.