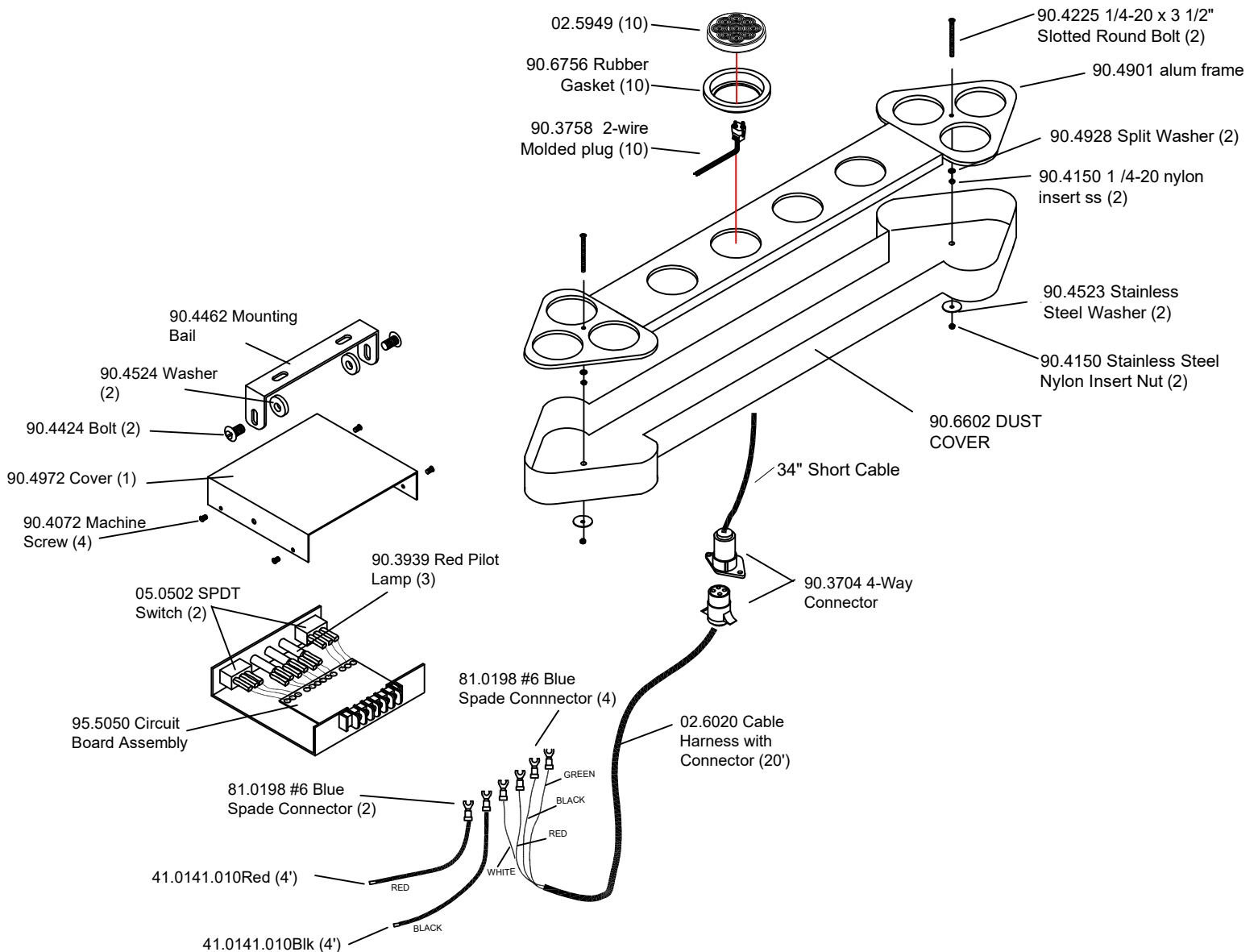




MODEL NO. 02.6009 LumenX[®]
LED Arrow Board with Controller

Installation and Maintenance Instructions



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Installation Instructions

All connections are external. There is no need to open the control box during the installation process.

1. Remove dust cover by removing the two lock nuts and washers located on the back of the arrow board.
2. Mount the **SHO-ME**® Directional Arrow Board on the vehicle as desired.
3. Replace dust cover.
4. Route the cable from the Arrow Board to the driver's compartment or wherever the control box will be located.
5. A mounting bracket is provided for easy installation of the control box. Determine a suitable position for the mounting bracket and attach it to the vehicle with appropriate fasteners.
6. Connect bare end of the heavy black wire to a suitable chassis ground.
7. Connect spade connector of heavy black wire to screw marked "NEG" on the terminal strip located on the back of the controller.
8. Connect spade connector of white wire from the arrow board cable to screw marked "W" on the terminal strip.
9. Connect spade connector of red wire from the arrow board cable to screw marked "R" on the terminal strip.
10. Connect spade connector of black wire from the arrow board cable to screw marked "B" on the terminal strip.
11. Connect spade connector of green wire from the arrow board cable to screw marked "G" on the terminal strip.
12. Connect spade connector of heavy red wire to screw marked "POS" on the terminal strip located on the back of the controller.
13. Connect bare end of the heavy red wire to a 12-volt positive power source.

Note: The above wiring connection instructions assume that the arrow board is mounted facing the rear of the vehicle with the Arrow Board's mounting flange at the bottom position. If the arrow board is installed facing the front of the vehicle or in a position with the flange up, the arrow board will not point in the same direction as the pilot lights on the controller indicate. If the arrow board points right when the controller indicates that it is pointing left and vice versa, the situation can be corrected by connecting the white wire to the terminal marked "G" and the green wire to the terminal marked "W".

After completing the connections, check which direction the arrow board is flashing and be sure that it coincides with the direction indicated by the control box.

Maintenance Instructions

Trouble Shooting

1. If arrow board is not operating or is not lighting to full brilliance, make sure all wire connections are properly made and the power source is active. Take particular care in making certain that ground connections are properly made.
2. If individual lamps in the arrow board are not operating properly, but the bulb is good, tighten the lamp retaining screws since these screws complete the electrical connections.