

INSTALLATION AND OPERATING INSTRUCTIONS FOR SNOWPLOW LAMP KIT NO. 800067 (SEPARATE DRIVER SIDE AND CURB SIDE HARNESSSES)

1. Lamps should be mounted in the desired location on the snowplow frame ensuring that the snow plow lamp beams are not obstructed by any portion of the plow or vehicle.

2. WIRING INSTALLATION - Refer to diagram

NOTE: Prior to lamp/harness assembly, please apply provided lithium grease to snowplow lamp plugs on under hood harnesses, ensuring all connections are thoroughly covered.

NOTE: Neglecting to grease plugs will drastically reduce operating life of plow lamps/harnesses and will void manufacturers warranty.

- Plug headlamp harness adapter leads from conversion kit (if required) into sealed beam connectors on AEM wiring harnesses (800029-02).
- Plug above assemblies into vehicle lamps.
- Plug power harness adapter leads from conversion kit (if required) into matching 3 prong plug on AEM wiring harnesses (800029-02).
- Plug above assemblies into OEM harnesses removed from vehicle lamps.
- Referring to wiring diagram, complete wiring connections of turn signal and parking lights to vehicle's electrical lighting system using Quick-Splice connectors included in bagged parts.
- Drill a 9/16" diameter hole in the firewall at the most convenient location. Insert rubber grommet in the drilled hole to protect wire insulation.
- Pull AEM wire harnesses through firewall from the engine compartment into the cab.
- Referring to wiring diagram, connect 6 female tab connectors on end of each harness (800029-02) to twelve pole switch as shown below.
- Select suitable location on dash to mount the toggle switch and drill 15/32" diameter hole through the dashboard.
- Apply switch identification label to dash by removing protective backing from label and pressing label over switch hole. Make sure switch is positioned with respect to label so that snowplow lamps are "ON" when toggle switch is in the upper position.
- Remove knurled nut from the toggle switch; insert switch through the drilled hole and re-install the knurled nut. Tighten nut securely.

3. Check for proper operation. Turn on headlight switch and check that with toggle switch in lower position, only the vehicle headlamps are on. With toggle switch in upper position, only the snowplow headlamps should be on. Dimmer switch should select high and low beams on both headlamps. Turn signal lamps should be on in same sequence and at same time as vehicle turn signal lamps. Parking lamps should be on at same time as vehicle parking lamps. If any lamp does not operate correctly, re-check wiring against wiring diagram and make necessary corrections in wiring hookup. Adjust the plow lamp beams to project the same distance ahead of the vehicle as compared to the original headlights.

4. Installer of these snow plow lamps must certify that installation conforms to applicable Federal Motor Vehicle Safety Standards.

NOTE: Daytime Running Lights will work on both plow and truck lights.

