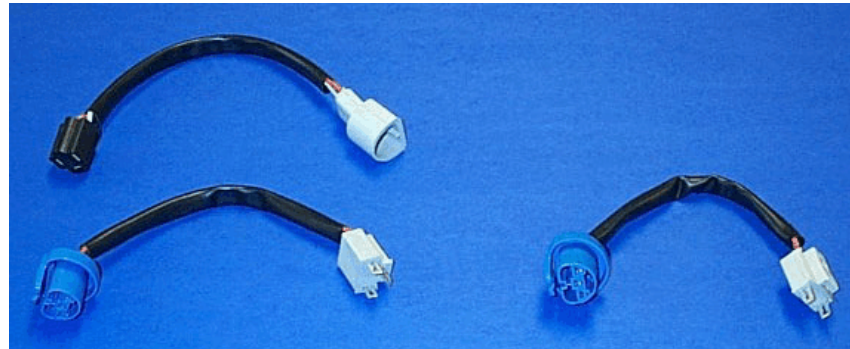
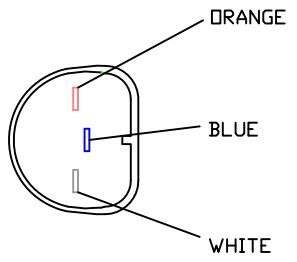
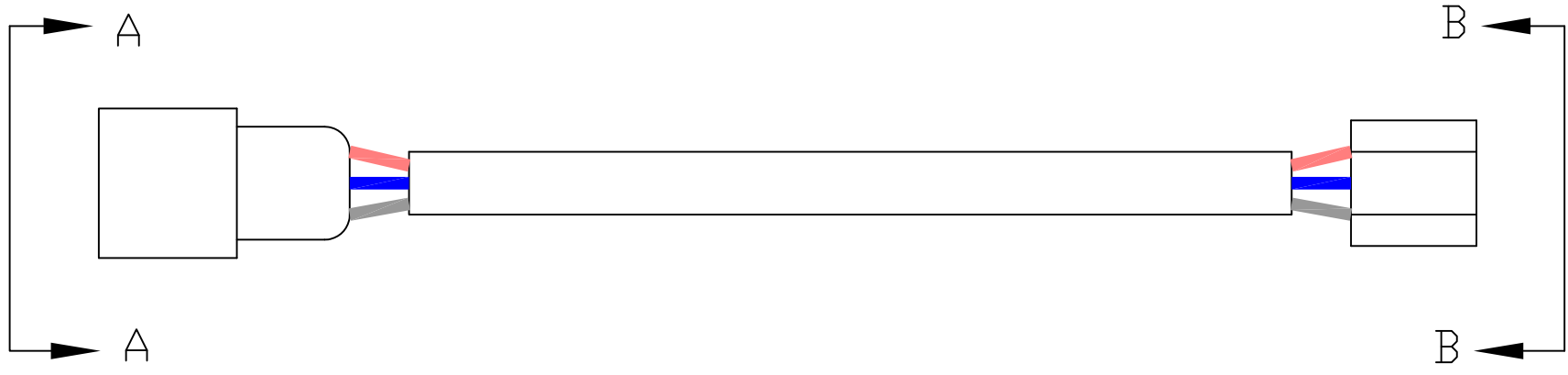


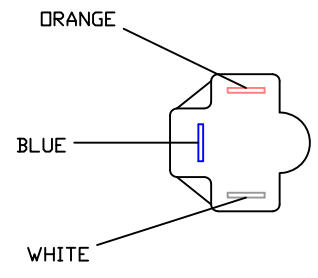
# 767041 conversion kit for 725531

For use on late-model trucks employing #H9004 halogen bulbs

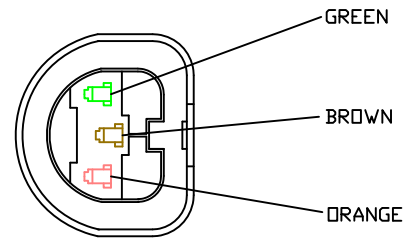




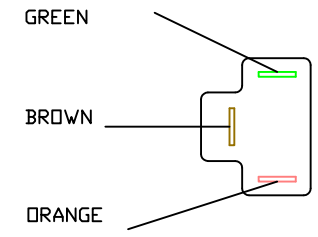
VIEW 'A-A'



VIEW 'B-B'



VIEW 'A-A'



VIEW 'B-B'

## INSTALLATION AND OPERATING INSTRUCTIONS FOR SNOWPLOW LAMP NO. 725531 WITH FORD/DODGE CONVERSION KIT 767041

1. Lamps should be mounted in the desired location on the snowplow frame ensuring that the snowplow lamp beams are not obstructed by any portion of the plow or vehicle.
2. WIRING INSTALLATION - Refer to diagram below.
 

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

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

  - a) Plug in lamp adapter leads from conversion kit 767041 into sealed beam connectors on AEM wiring harness (767026).
  - NOTE: Six wire female connector on harness must be installed on the left side lamp adapter lead.
  - b) Plug in lamp adapter leads to existing vehicle's head lamp bulb (#9004 halogen replacement bulb).
  - c) Connect harness power connection (supplied in conversion kit AEM #767041) to 3 prong plug on AEM wiring harness.
  - d) Plug in harness power connection into female (3 contact) connector which was removed from left hand side vehicle head lamp, i.e.; into vehicle wiring harness.
  - e) 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.
  - f) Drill a  $\frac{9}{16}$ " diameter hole in the firewall at the most convenient location. Insert rubber grommet in the drilled hole to protect wire insulation.
  - g) Pull AEM wire harness through firewall from the engine compartment into the cab.
  - h) Referring to wiring diagram, connect 6 female tab connectors on end of harness to toggle switch.
  - i) Select suitable location on dash to mount to the toggle switch and drill a  $\frac{15}{32}$ " diameter hole through the dashboard.
  - j) 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 switch toggle is in upper position.
  - k) Remove knurled nut from the toggle switch; insert switch through the drilled hole and reinstall 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 head lamps are on. With toggle switch in upper position, only the snowplow head lamps should be on. Dimmer switch should select high and low beams on both head lamps. 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, recheck wiring against 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 snowplow 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.

NOTE: Lamp kit 725531 is not recommended for use on '99 & newer Dodge vehicles. Use lamp kit 725551 and 767042 adapter harness.

