

# SnowDogg® Snowplow Headlight Adapter

## INSTALLATION INSTRUCTIONS

### 16071100

H13 - FORD 2004+ AND DODGE 2006+

#### INSTRUCTIONS

1. Disconnect both PS and DS side truck headlights from the truck harness.
2. Connect the 16071100 adapters to the OEM headlight connectors and truck harness connectors.
3. Connect the 16071100 adapters to the universal light harness connectors included with the snowplow. This is part of the harness with the relay module.
4. Identify the MARKER LIGHT wires on your truck (PS and DS). Cut those wires, strip, and install the provided heat shrink butt connector as shown below.
5. Connect this to the bullet connector on the BROWN wire of the headlight adapter.
6. Identify the TURN signal wires on your truck (PS and DS). Cut those wires, strip, and install the provided heat shrink butt connector as shown below.
7. Connect this to the bullet connector on the PURPLE wire of the headlight adapter.

#### NOTE:

2008 Ford SuperDuty trucks built before April 18, 2007 were originally shipped with a miscalibrated Smart Junction Box that would malfunction when switching to plow lights.

#### From Ford SVE Bulletin Q-155-R1

On 04/23/07, customers may have their Ford dealer reprogram the Smart Junction Box (SJB) with a new calibration using Technical Service Bulletin TSB 07-09-01. After reprogramming no other operator intervention is required. New vehicles from KTP with "Snowplow Prep Package Option" (Order Code 473), or "Snowplow/Camper Prep Option", and with a build date of 4/18/07 or later, already have this new calibration included.

#### NOTE:

Relay-driven functions such as the Ford high-beams or park-lamps are not monitored by SJB control strategy. Therefore, if required prior to applying the TSB, the snowplow can still be used because the SJB will not affect snowplow headlamp operations with the Ford headlamp switch in either the "OFF" position, or "ON" in parklamp position, or "ON" with high-beams activated.

FIGURE 1

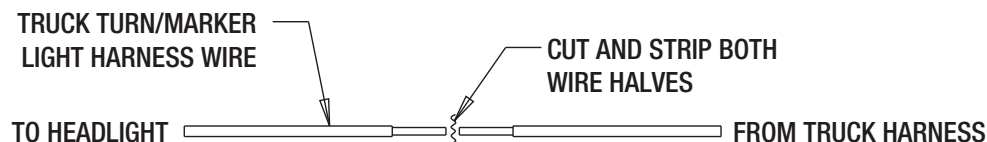


FIGURE 2

