

# SnowDogg® Snowplow Headlight Adapter

## INSTALLATION INSTRUCTIONS

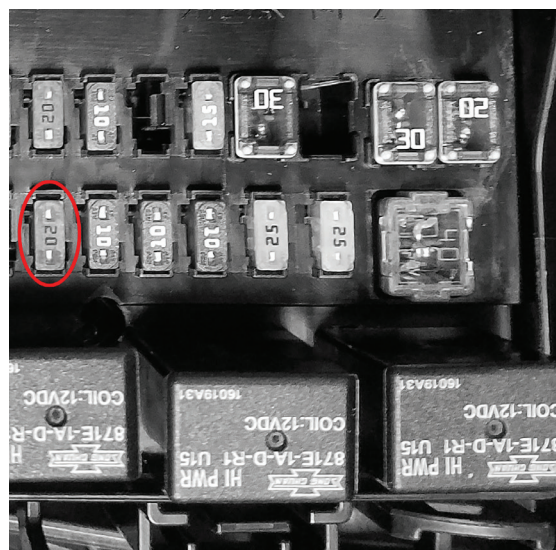
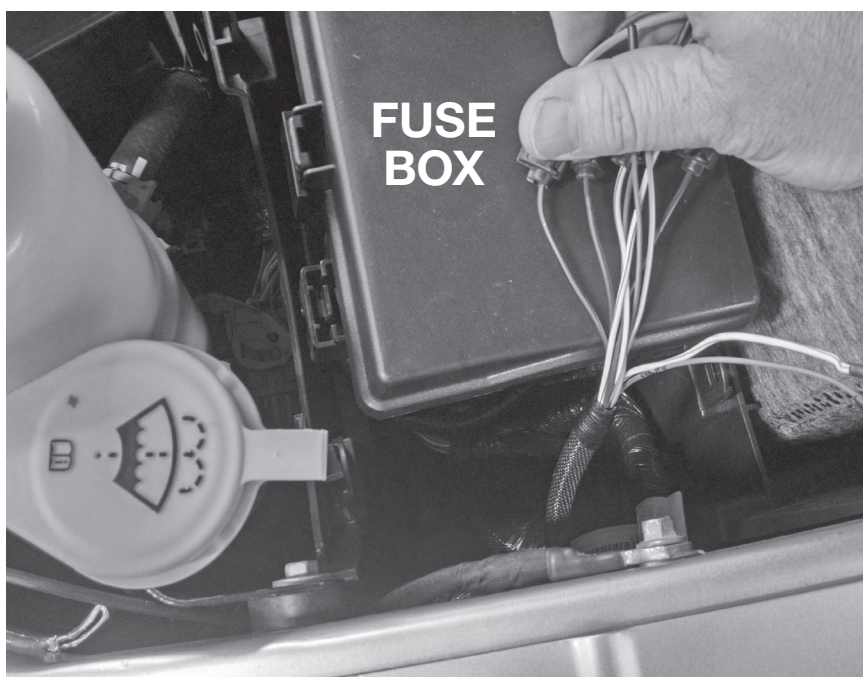
### 16160150

RAM 2500/3500/4500/5500 UPFITTER CONNECTOR, 2015+

**NOTE:** The 16160150 relay harness is specific to 2015+ 2500/3500/4500/5500 RAM trucks. This harness REPLACES the 16160100/16160102 harness that is shipped standard with every SnowDogg plow and that harness will NOT be used. In addition - no 1607\* headlight adapter harness is required for these trucks. Do NOT disconnect OEM headlights or harnesses for this installation.

#### INSTRUCTIONS

1. Route the RAM RELAY HARNESS CONNECTOR through the grill.
2. Locate the blunt cut upfitter wires under the fuse panel located at the driver's side front in the engine compartment.



3. Connect the GRAY wire w/eyelet (labeled GND) to a good chassis ground or battery ground location.
4. Connect the ORANGE wire to a fused (20A min) ignition switched power source. The cigar lighter fuse (F93 20A) may be used as a power source (see above picture). The RED/WHITE wire from the CONTROL HARNESS (16160300/ 16160302) should NOT be used for this. It should be TAPED OFF or CUT to prevent accidental contact.
5. Connect the Red/White wire from the controller to a 10amp upfitter fuse in the fuse box in the engine compartment.
6. Connect the following wires using the preinstalled butt connectors:

HARNESS WIRE	TRUCK WIRE	FUNCTION
RED/WHITE	BLACK/VIOLET	ENABLE
YELLOW	BLACK/LIGHT GREEN	LOW BEAM
GREEN	BLACK/LIGHT BLUE	HIGH BEAM
BROWN	WHITE/BROWN	PARK
PURPLE/WHITE	WHITE/VIOLET	LEFT TURN (A SIDE)
PURPLE/BLACK	VIOLET/BROWN	RIGHT TURN (B SIDE)

7. The A side of the headlight harness (16160200) will be Driver Side.
8. Check all light functionality before operating the plow.