

# SnowDogg® Snowplow Headlight Adapter

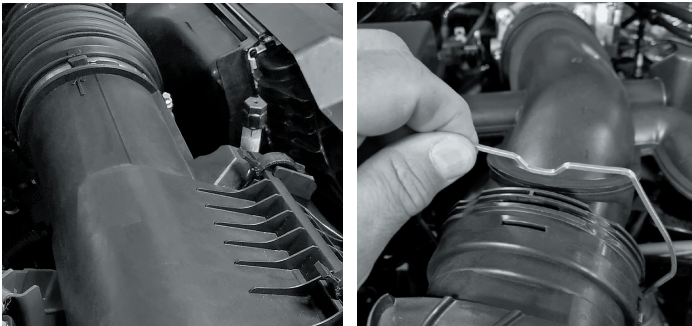
## INSTALLATION INSTRUCTIONS

### 16071300A

#### 2020-2022 FORD SUPERDUTY IN-LINE LIGHT CONNECTOR

### INSTRUCTIONS

1. Check all truck light functionality before beginning the install.
2. Locate the in-line light connector above the passenger side wheel well. This can be accessed by removing the wheel well cover or by removing the air filter.
3. To access through the top
  - a. Remove the air filter and air filter cover



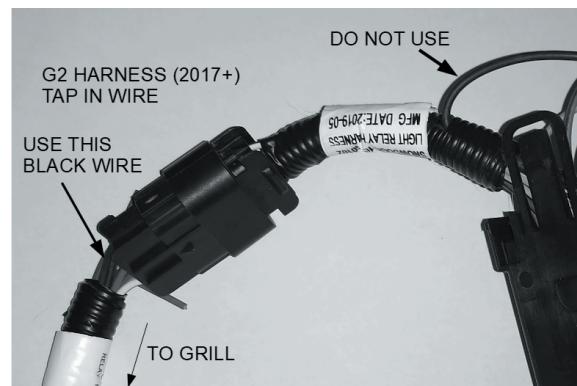
- b. Remove the air filter housing



- c. Remove the exposed bracket to reveal the in-line connector



4. Separate the connectors (there may be a small zip tie that needs to be cut)
5. Install the 16071300A adapter into the in-line connectors
6. Route the other end of the adapter to the RELAY MODULE (16160100/16160102) and connect A+B connectors.
7. Attach the tap-in bullet connector to the BLACK wire running from the grill connector. This provides a ground signal when the plow is connected.
  - a. On older harness (16160100) – any black wire may be used.
  - b. ON G2 harness you must use the black wire on the RELAY MODULE to GRILL harness (16160104). You will need to open split conduit to access. **Do not use the black wire in the base of the relay module.**
8. Attach the tap-in bullet connect on RED wire to the RED/WHITE or ORANGE power wire to the main relay module. This will provide upfitter switch power.



9. Check all light functionality with plow disconnected to verify that it matches step 1.
10. Connect the plow lights and verify light functionality.
  - a. Plow marker lights will be on with truck ignition
  - b. 16160700A plow lights will dual burn when truck high beams are active.
11. Re-assemble the bracket and air filter components.