

SnowDogg® Snowplow Headlight Adapter

INSTALLATION INSTRUCTIONS

16071140

HB2/2B/2D – SEALED BEAM

INSTRUCTIONS

1. Disconnect both PS and DS side truck headlights from the truck harness.
2. Connect the 16071140 adapters to the OEM headlight connectors and truck harness connectors.
3. Connect the 16071140 adapters to the universal light harness connectors included with the snowplow. This is part of the harness with the relay module.
4. Use an included Tap connector to tap the PURPLE or ORANGE wire into the TURN light circuit on both the PS and DS circuits.

NOTE:

IF the truck is a SWITCHED GROUND INSTALL - skip step 5 and go to the special instructions (on back page).

5. Use an included Tap connector to tap the BROWN wire into your PARK light circuit on both the PS and DS circuits.
6. Check all light functionality before operating the plow.

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.

**SPECIAL INSTRUCTIONS FOR
 2000-2006 TOYOTA TUNDRA W/O DRL
 2000-2004 TOYOTA TUNDRA W/O DRL**

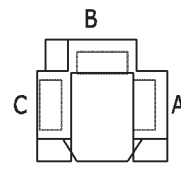
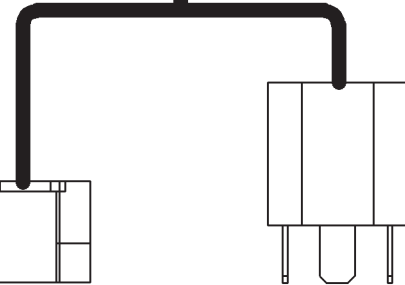
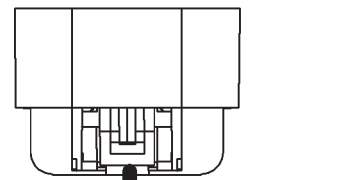
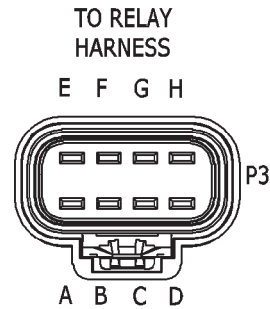
The RELAY HARNESS must be installed for SWITCHED GROUND configuration.

- Locate the gray wire with male/female (already connected). Disconnect the two halves. The male quick connect end of the gray wire will be not be used and may be taped off.
- The female end should be connected to the RED/WHITE wire from the 16160300 harness.
- Connect the other wires as shown
- **CONNECT BROWN WIRE TO GROUND**

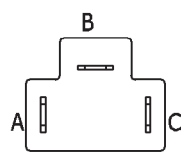
Instructions For Use With 16160100/B Relay Harness.

Contact SnowDogg Tech Support At 866-974-3644 For Use With Earlier Harnesses.

HARNESS REFERENCE

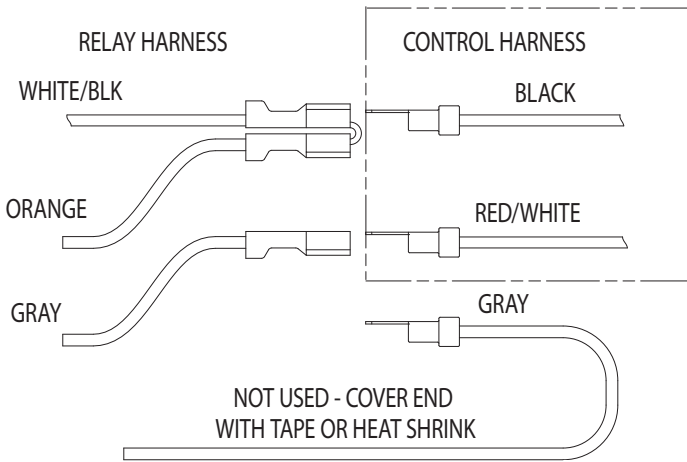


TO TRUCK HEADLIGHT



TO TRUCK HARNESS

SWITCHED GROUND HEADLIGHTS
 (SEE APP GUIDE FOR ASSISTANCE)



FUNCTION	P1 PIN	P2 PIN	P3 PIN	WIRE COLOR	RELAY HARNESS
LIGHT LB	B		A	BLK	YEL/BLK
COMMON	A	A	B	BLK	GRAY*
HARNESS LB		B	C	YEL	YEL/WHT
LIGHT HB			D	BLK	GRN/BLK
-			E	-	-
HARNESS HB		C	F	GRN	GRN/WHT
PARK			G	BROWN	BROWN
TURN			H	PURPLE	PURPLE

* ONLY PRESENT ON SHORT RELAY HARNESS LEAD

Make sure to apply dielectric grease to each connection