Form 1-625 R4
January, 2003

Meyer SNOW PLOWS

PARTS & INSTALLATION INSTRUCTIONS
MEYER SNOW PLOW LIGHTS

PARTS LIST

ITEM	PART NO.	QTY.	DESCRIPTION
	07969	1	SNOW PLOW LIGHT CARTON
1	07972	1	• Snow Plow Light, Pass. Side (No Hardware)
2	07978	1	•• Light Housing, Pass. Side
3	07976	1	•• Front Plate w/Amber Lens & Screws
4	07971	1	•• Halogen Sealed Beam Bulb
5	07977	1	•• Headlight Harness
6	07973	1	• Snow Plow Light, Driver's Side (No Hardware)
	07979	1	•• Light Housing, Driver's Side
3	07976	1	•• Front Plate w/Amber Lens & Screws
4	07971	1	•• Halogen Sealed Beam Bulb
5	07977	1	•• Headlight Harness
7	07974	1	• Vehicle Wirng Harness
	07975	1	• Parts Bag
8	08550	1	•• Toggle Switch w/Hardware
9	15658	1	•• Extension Handle, Blue
	07276	1	•• Flasher (Tung - Sol #552)
	———	1	•• Rubber Grommet (Firewall)
10	07273	7	•• Tap Connector
11	07954	2	•• Adaptor Ferrule
12		2	•• 1/2-13 Hex Nut
13		2	•• 1/2 Lockwasher

Parts indented are included in the carton, bag or assembly under which they are indented.
Turn Signal Bulbs to be purchased locally.

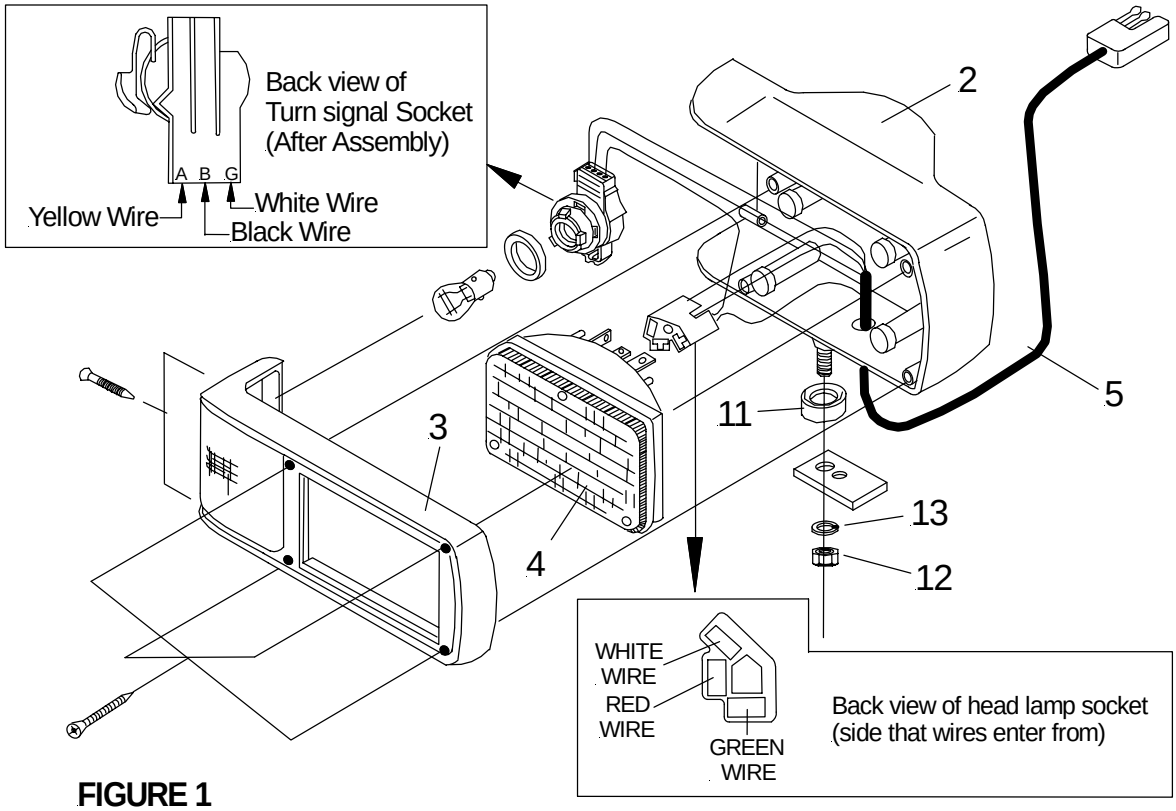

FIGURE 1

Meyer PRODUCTS

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www.meyerproducts.com •
email warranty@meyerproducts.com

INSTALLATION INSTRUCTIONS

The following instructions are for the majority of vehicles in use today. If installing on '86 and earlier Nissan (Datsun) or Toyota pickups or Dodge D-50 (Mitsubishi) pickups. Dodge Raider (Mitsubishi Montero), or Suzuki Samurai or '89 Isuzu pickups and Trooper II refer to special instructions. Paragraphs 1, 2, 3, 5, 7, 8, 9 pertain to all vehicles.

1. Mount the Lights (1 & 6) to the light brackets using supplied hardware. **NOTE:** After installation is complete, they must be aimed so as to comply with Federal Motor Vehicle Safety Standard 108.
2. Route the Wire Harness (7) from the switch bracket on the dashboard to the front of the truck, ending in a convenient location for plugging in the lights (1 & 6). This is generally behind the grill and in front of the radiator. If the vehicle has no holes in the radiator support structure, the harness legs can be routed down each side of the radiator and then brought back up behind the grill. If necessary, drill a hole in the firewall for the Harness (7) and protect it with the grommet.

CAUTION:
It is important that the Meyer harness, all wires from the Meyer light switch, and all other electrical wires be routed around hot or moving engine parts, and any sharp sheet metal. Protection must be provided to guard against wire damage at these points. All excess or loose wire must be neatly secured using wire ties.

3. Install light Switch (8) in remaining hole of switch bracket (previously installed for Electro-Touch control switches). Plug in wires from wire harness as shown in figure 2.
4. Use a test light to find the vehicle's high beam and low beam wires in the engine compartment. A good location is usually on the driver's side fender well. Cut these two wires and attach the proper wire from the Wire Harness (7) using Tap Connectors (10) as shown in figure 2.
5. **IMPORTANT NOTE:** Some vehicles have two high beam and two low beam wires. Cut all four wires and twist the high beam wires together and low beam wires together. Treat each pair of twisted wires as though it were a single wire when making the connections shown in Figure 2. Try to find where the wires are together, before they split for right and left, this may be near the firewall. If this isn't possible additional wire (16 ga.) will be needed to jump from one side to the other.
6. Attach eyelets of the two white wires to a good, clean chassis ground.

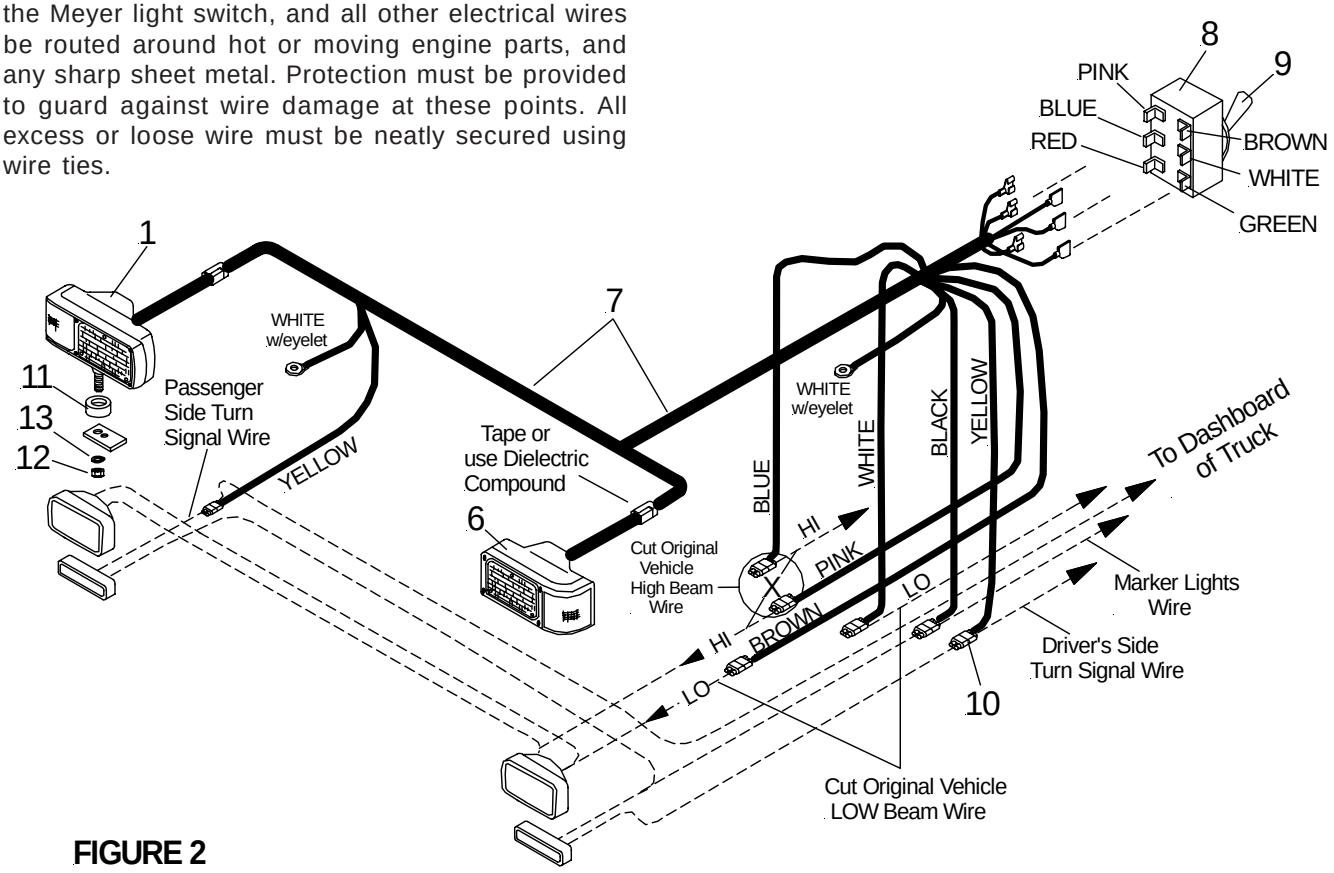

FIGURE 2

7. Locate vehicle's marker light wire and right & left turn signal wires. Using tap connectors, connect these wires as shown in Figure 2. (No special test light procedure is needed for markers and turn signals). Install heavy duty flasher (Provided).

8. Verify that installation is correct by switching from high beam to low beam on both vehicle and snow plow lights. At any one time, only the snow plow or vehicle lights should be on - **never** both sets at once. Tape all connections or use a dielectric compound to prevent corrosion.

9. Refer to Figure 1 for replacement of Light Harness (5) and Housings (2). Replacement of the harness requires removing the head light socket and turn signal socket from the old harness and installing on the new harness. The details in Fig. 1 show the color codes for reassembling the two sockets to the harness.

IMPORTANT INFORMATION

An internal ground wire change has been made so that all lights share the same (-) negative ground. Previous light kits provided a separate ground for both the headlamps, and parking / turn signal lights. This change will affect only vehicles that use a (+) positive ground for the headlamps and a (-) negative ground for the parking / turn signal lights. SEE SPECIAL INSTRUCTIONS.

Modification of the snow plow light wiring will require opening of the light housings. Locate and cut the internal white (-) ground wire in each light assembly. Tape the cut end of the white wire coming from Headlamp connector, and splice an auxiliary wire (#16 gauge or heavier) approximately 50" long onto the Turn signal port white ground wire in each light. Route auxiliary wire through the light harness loom. Reassemble Snow plow lights. Attach end of the new ground wire for parking / turn signal lights to a good chassis (-) Negative ground.

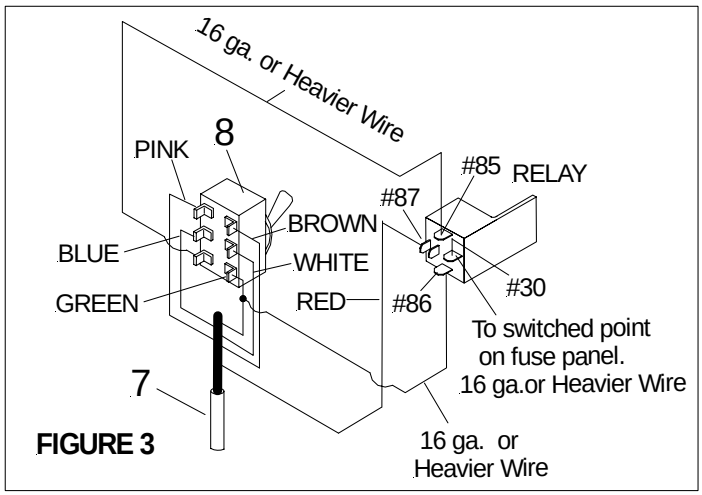

FIGURE 3

SPECIAL INSTRUCTIONS:

a. On '86 and earlier Nissan (Datsun) and all Toyota pickups, a test light does not indicate the proper wires when used in the normal manner. To locate high beam and low beam wires on these vehicles, connect the clip lead of the test light to the positive (+) terminal of the battery and then probe the wires. Make your connection as shown in Figure 2. The eyelets are cut off the white wires and attached as follows:

1981 - 1986 NISSAN (DATSUN) PICKUP (4X4)

	Driver's Side	Passenger Side
Connect white wire to:	Red/Blue Stripe	Red/Black Stripe

1979 & LATER TOYOTA PICKUP (4X4)

	Driver's Side	Passenger Side
Connect white wire to:	Red/White Stripe	Red/Black Stripe

b. Dodge D-50 and Mitsubishi vehicles with four headlights require the addition of a special relay (included in the mounting carton). Vehicle with two headlights are not affected. Using a test light in the normal way, locate the vehicle's low beam wire, cut it and connect the two wires from the snow plow light harness as shown in Figure 2. Now, connect the clip lead of the test light to the positive (+) terminal of the battery and probe for the high beam wire. Cut this wire and connect the two wires from the snow plow light harness as shown in Figure 2. Install relay and special jumper wires as shown in Figure 3. Attach eyelets of two white wires to a good chassis ground.

c. On Dodge Raider (Mitsubishi Montero), Suzuki Samurai, and '89 Isuzu pickups and Trooper II, a test light must be used as follows to find the high and low beam wires. Attach the clip lead of the test light to the positive (+) terminal of the battery. Now probe the wires in the vehicle harness to locate which wires are high and low beam. Make connections as shown in Figure 2. Now attach the clip lead to the negative (-) terminal of the battery and probe for a wire that lights the test light when low beam and high beam are on. It may be a separate wire on each side of the vehicle that activates the test light in this way. This wire must not light the test light when the vehicle light switch is turned off. Cut the eyelets off the white wires and attach to this wire(s).