



ATL KIT - PART NO. 80805

Installation Instructions

The following instructions are for the majority of vehicles in use today. If installing on '86 and earlier Nissan (Datsun), Toyota pickups or Dodge D-50 (Mitsubishi) pickups, refer to "Special Instructions".

1. Mount the Lights (1 & 2) 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 (3) from the switch bracket on the dashboard to the front of the truck, ending in a convenient location for plugging in the lights (1 & 2). 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 (3) and protect it with the grommet.

CAUTION:

It is important that the harness, all wires from the 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 (4). Plug in wires from wire harness as shown in Figure 1.
4. Use a test lamp 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 (3) using Tap Connectors (5) as shown in Figure 1.

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 1.

5. Attach eyelets of the two white wires to a good, clean chassis ground.
6. Locate the vehicle's marker light wire and right and left turn signal wires. Using tap connectors, connect these wires as shown in Figure 1. (No special test light procedure is needed for markers and turn signals.)
7. 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. Spliced connections should be covered with tape & dielectric compound, such as Truck-Lite Part No. 97944 NYK-77.



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Falconer, New York 14733
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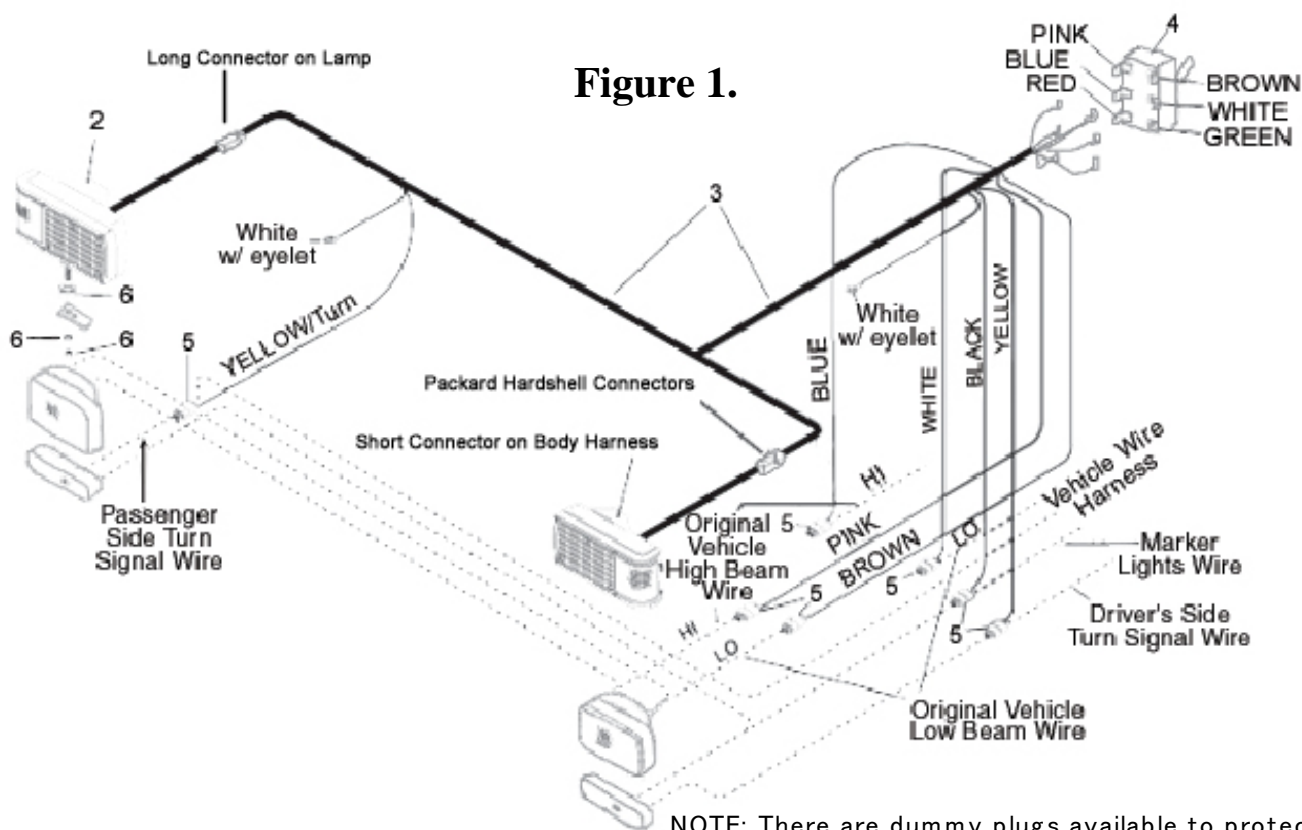
Technical Support
888-562-5012
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Part 8925 Dwg 44803A0



Parts List

Item	Qty.	Description
1	1	L.H. (Driver's Side) Light Assembly
2	1	R.H. (Passenger Side) Light Assembly
3	1	Universal Wire Harness
	1	Parts Bag
4	1	Toggle Switch
	1	Flasher
5	7	3M Connectors
6	A.R.	Lamp Mounting Hardware



Truck-Lite assumes no responsibility for installations not made according to these instructions.

NOTE: There are dummy plugs available to protect the harness connections if they are disconnected in the summer.

Body harness dummy plug is part number 95711.
Lamp harness dummy plug is part number 95712.

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SPECIAL INSTRUCTIONS

1. 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 connections as shown in Figure 1. The eyelets are cut off the white wires and attached as follows:

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

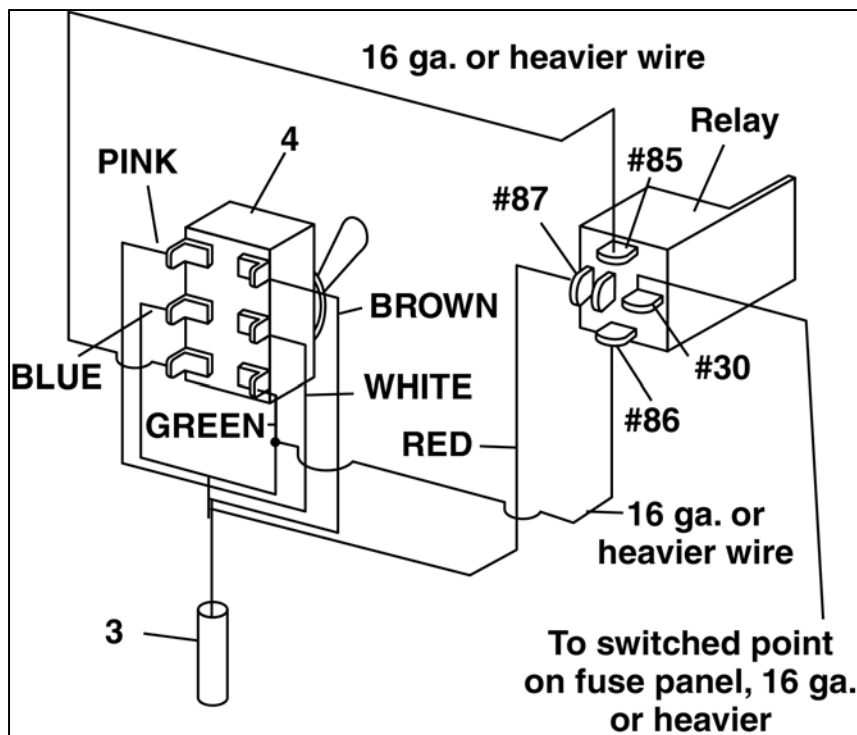
	Driver's Side	Passenger Side
Connect the white wire to:	Red/Blue Stripe	Red/Black Stripe

1979 & LATER TOYOTA PICKUP (4X4)

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

2. Dodge D-50 and Mitsubishi vehicles with four headlights require the addition of a special relay. Vehicles 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 1. 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 1. Install relay and special jumper wires as shown in Figure 2. Attach eyelets of two white wires to a good chassis ground: INSERT DWG in BOX below

Figure 2.



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