

DK2 81488 Halogen Snow Plow Light Kit

DK2 81488LB2 Halogen Snow Plow Light Kit -With Mounting brackets

Instructions for assembly

Part Number: 81488

Caution:

It is important that all wire harnesses that are included in this kit are routed around hot, sharp metal or moving engine parts. Protection must be provided to guard against wire damage at these points. All excess or loose wires must be neatly secured using cable ties.

Mounting the Lamps:

Locate the driver's side lamp, face it forward, and mount it onto the driver's side of the snow plow frame. Using the mounting bolt, nut and washer, secure the snow plow lamp to the snow plow frame. Repeat this process for the passenger side snow plow lamp. The lamps are to be aimed once all electrical connections are completed.

Electrical Connections:

Locate the extender wire harnesses supplied with the kit. Wire connections to the vehicle OE wires are as follows:

- 1) Red Wire (Connects to the high beam circuit).
- 2) White Wire (Connects to the low beam circuit).
- 3) Green Wire (Connects to the turn signal circuit).
- 4) Black Wire (Connects to ground).

Using the exposed wires protruding from the end of the extender wire harness convoluted conduit, connect the wire noted above to the appropriate vehicle OE wire. Reference the vehicle manual for wire colour codes. Use tap splice connectors to make the connection. Use di-electric grease to help prevent corrosion at the connections.

Once all connections are made, route the connector end of the extender harness to the grill of the vehicle and out to the snow plow lamps. Connect the driver side extender harness to the drivers side snow plow lamp harness. Connect the passenger side extender harness to the passenger side snow plow lamp harness.

Testing the Lamps:

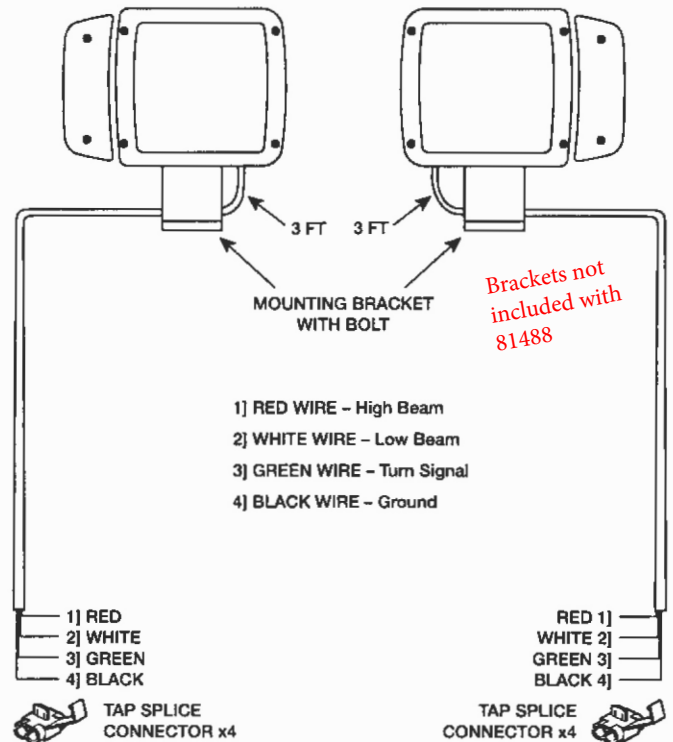
Activate the driver side turn signal switch. Confirm that the drivers side turn lamp on the snow plow lamp illuminates. Activate the passenger side turn signal switch. Confirm that the passenger side turn lamp on the snow plow lamp illuminates.

Activate the vehicle headlamp switch to the low beam position only. Confirm that the low beams are illuminated. Activate the vehicle headlamp switch to the high beam position only. Confirm that the high beams are illuminated. Turn off all vehicle lamps and confirm that all snow plow lamps have also turned off. If the vehicle has a DRL system that is connected to the high or low beams, the DRL functions should also be operating on the snow plow lamps as well.

If any lamp does not work as explained above review all electrical connections and confirm correct connection.

Aiming Snow Plow Lamps:

Activate the vehicle headlamp switch to the low beam position only. Loosen the nut on the back of the snow plow lamp. The lamp should now be easy to swivel and aim. Try to duplicate the beam pattern of the vehicle OE lamp. Once the beam pattern has been matched up securely tighten the aiming nut. Also re-tighten the mounting base nut as well. Repeat this process for the opposite side lamp.



Bulb Replacement:

To replace a burned out light bulb. Remove the retaining screws and bezel exposing the lens/reflector/bulb assembly. Carefully remove the bulb that has burned out.

Turn signal bulbs should be replaced with a trade style 10-1156, 10-453 or H3.

High/Low beam bulb should be replaced with a trade style 10-477 or H7.

Do not use high wattage bulbs.