

## Hiniker / Meyer 12-Pin Lighting Switch

When using a 906 Engineering After-market controller for a Hiniker or Meyer 12-Pin plow the lights should automatically switch from your vehicle headlights to your plow lights when the controller is plugged in (under the dash).

Note: This switch of the lights will be made even if the plow is NOT hooked up. So, with this controller plugged in you cannot use your vehicle's headlights.

If you would prefer to have a separate switch to toggle between the vehicle's headlights and the plow lights, this can be done fairly easily.



The photo above shows the Hiniker Vee Blade control harness. It was designed with access (the loop) to the Orange lighting trigger wire for operators who prefer a headlight switch. All other Hiniker control harnesses and the Meyer 12-Pin control harnesses have this same orange wire lighting loop.

See the sheet below for instructions on how to install a 906 Engineering headlight switch kit. NOTE: Snowplow controller is NOT included in the Headlight Switch Kit.



### Headlight Switch Kit Part# 90-0201-LS

Kit Includes:

- (1) ON/OFF Switch
- (1) Metal Switch Bracket
- (1) 24" inch Black wire lead with Female Faston
- (1) 24" inch Black wire lead with Male Faston
- (1) Female Faston terminal (Loose)
- (1) Male Faston terminal (Loose)



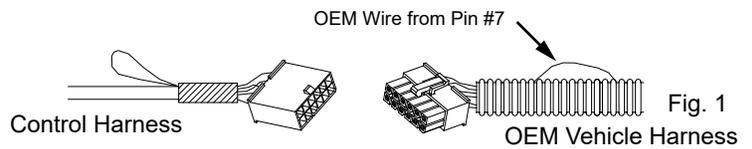
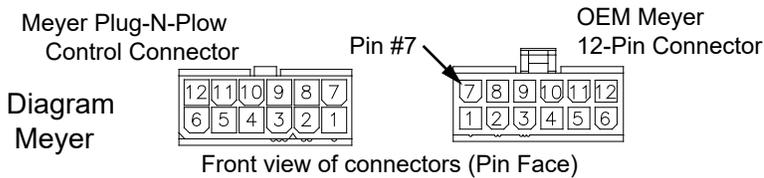
# HEADLIGHT SWITCH INSTALLATION INSTRUCTIONS

## (for MEYER with 12-PIN & HINIKER PLUG-N-PLOW HANDHELD CONTROLS)

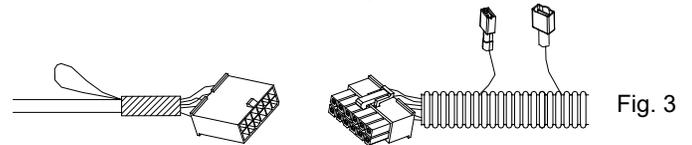
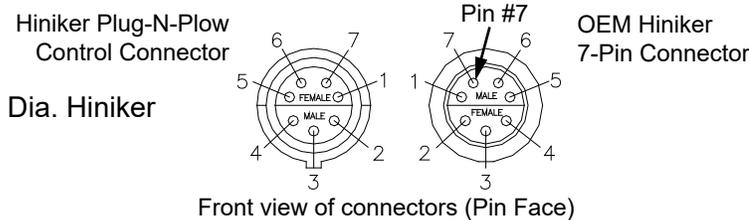
These instructions will outline two different ways in which to install this Headlight Switch. Please read through all of the instructions before proceeding. Although the illustrations in these instructions are for a Meyer installation, installing this switch on a Hiniker system is exactly the same (just a different type of connector).

### Option #1 (Recommended) Install the switch onto the OEM Vehicle Harness

- Step 1.) Locate the OEM vehicle harness control connector, normally located under the dash.
- Step 2.) Peel back the wire jacket insulation (if possible) and find the wire that is plugged into slot #7 of the OEM connector. Use the diagrams provided below (Dia. Meyer or Dia. Hiniker) to assist you in finding the correct wire. When you have located the correct wire, pull it out of the jacket insulation (Fig. 1).
- Step 3.) Cut the wire, 3 or 4 inches from the OEM connector, then strip the wire insulation off of each cut end about 1/4 inch (Fig. 2).
- Step 4.) Use a crimp tool and apply the 1 insulated female .250 terminal & 1 insulated male .250 (supplied loosely) to each of the wire ends. Make sure they are secure (Fig. 3 or Fig. C) Note: If you ever choose to go back to the automatic switching, just plug these two terminals together to complete the circuit.
- Step 5.) Take the BLACK wire leads (from this kit) and plug the corresponding terminals onto the insulated terminals that you just applied to the cut wires.
- Step 6.) Mount the switch bracket (with screws, not included in this kit) in the location you choose. Make sure the BLACK wire leads are long enough to reach that location. Then snap the ON/OFF switch into the bracket.
- Step 7.) Plug the two insulated (female) .250 terminals of the BLACK switch leads to the terminals on the back of the switch (either wire can plug to either terminal). Secure any loose wires, plug in your Plug-N-Plow control & make sure everything is working properly.



(If you have a Hiniker Vee Blade or C-Plow, the smaller 3-Pin connector has no relevance in this installation)



### Option #2 Install the switch onto the Plug-N-Plow Control Harness



#### WARNING

When installing the Light Switch to the Plug-N-Plow Control Harness (Option #2), it is important to know that if you unplug your control (to remove it), you will also have to unplug the switch lead.

- Step 1.) Locate the looped Orange wire on the Plug-N-Plow control Harness (Fig. A).
- Step 2.) Cut the Orange wire so that both wires are an equal distance from the connector, then strip the wire insulation off of each cut end about 1/4 inch (Fig. B).
- Step 3.) Follow Steps 4-7 above (Option#1).

