



MEYER SNOW PLOW LIGHTS

IS87
Form 1-890
August, 2009

GM ADAPTER KITS (Applicable for Meyer Kit Part Numbers 07344, 07343, 07334 and 07333)

PARTS LIST

ITEM	PART NO.	QTY.	DESCRIPTION
	07344	1	Chevrolet X88 Utility Changeover System with DRL
1	07345	2	<ul style="list-style-type: none"> • Control Module Type 1 with DRL • A/B Port Adapter Wire Harness
2	07346	2	
	07343	1	GMC Z88 Utility w/ VYU Prep Package Changeover System
2	07348	1	<ul style="list-style-type: none"> • A Port Adapter Wire Harness Kit • B Port Adapter Wire Harness
3	07349	2	
	07334	1	GMC Z88 Utility Changeover System
2	07417	1	<ul style="list-style-type: none"> • A Port Adapter Wire Harness • B Port Adapter Wire Harness
3	07349	2	
	07333	1	Chevrolet X88 and GMC Z88 Pickup Changeover System
1	07625	2	<ul style="list-style-type: none"> • Low Beam Disable Module • A/B Port Adapter Wire Harness
2	07350	2	
	07234	1	Light Carton (not included)

Parts indented are included in the kit under which they are indented.

IMPORTANT:

These adapter kits are to be used in conjunction with Meyer Snow Plow Lights. Please reference Form 1-757 when conducting the installation of the adapter kits. The changeover modules or wire harness MUST NOT be mounted on any engine compartment area that generate heat such as radiator, coolant hoses or metal that is acting as a heat sink. The modules should be located in an area where air flow is available. The adapter kits can only be used with standard DOT compliant automotive bulbs. Do not hook up additional lights to the Original Equipment Manufacturers (OEM's) when the changeover modules are installed. The changeover module is designed to work with standard automotive 12 Vdc electrical systems and has a maximum rating of 15Amps output. Any use of non standard automotive bulbs or any other wiring, installation or use of the changeover module that exceed these specifications, voids and nullifies any implied warranty that may have applied.

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NOTICE: MEYER PRODUCTS ASSUMES NO RESPONSIBILITY FOR INSTALLATIONS NOT MADE IN ACCORDANCE WITH THESE INSTRUCTIONS.

INSTALLATION INSTRUCTIONS:

1. There will be two adapter harnesses, one for the left headlamp and one for the right headlamp. The adapter harness comes complete with connectors already wired ready to install.
2. Mount the lights (1&2) to the light brackets using supplied hardware. Assemble rubber grommets as shown with 1/2" grommet on top. Refer to Figure 6. **Note:** The wire harness exiting from the light housing should be secured against the metal frame of the plow supports. Using tie wraps (supplied), fasten the harness so that it will be located near the grill of the vehicle.
3. Locate the bag marked "Hardware Bag (A)".
 - a) Locate a mounting area for the on/off switch that will not interfere with the operator when entering or exiting the vehicle. Install mounting bracket (13). Using Self Tapping screws (14). Make sure Switch Bracket is in a position so it will not get damaged. Feed the orange (7), red fused wire (8) and black (9) wires through the mounting plate before inserting the switch.
 - b) Route the three (3') foot orange wire (7) through the firewall into the engine compartment. Leave sufficient length of this wire in the engine compartment to connect it later to the orange wires.
 - c) The orange wire (7) attaches to the accessory terminal of the switch. The end of the orange wire (7) is provided with a terminal to attach to the light rocker switch (6). **Note the correct position on the switch Figure 5.**

- d) The 12Vdc power must be connected to a switched ignition circuit. Using the red fused (5 amp.) wire (8) supplied, connect it to a fused 12Vdc power source under the dashboard. The fuse panel is a convenient spot to locate this ignition source. Remove the applicable fuse, trim the red fused wire (8) to the correct length, attach the fuse tap to the red fused wire and securely place it in the fuse block with the existing fuse. Attach the other end of the red fused wire (8) to the Light rocker switch (6). **Note the connection that is marked on the switch. Figure 5.**
- e) The black wire (9) is to be used for the ground connection. Trim the length of wire to suit and using the "forked" spade terminal (12) supplied, connect it to the wire. Fasten it securely to the chassis making sure it is clean of dirt, grease or paint. Attach the other end of the black wire to the accessory switch using the terminal already on the black wire. **Note the connection that is marked on the switch. Figure 5.**
- f) Once all three wire connections have been made to the light rocker switch (6), carefully feed the wires back through the mounting plate. Firmly push the light switch into place in the switch bracket mounting plate (13).

Figure 6

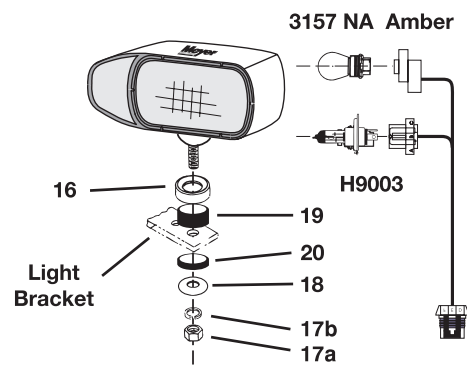
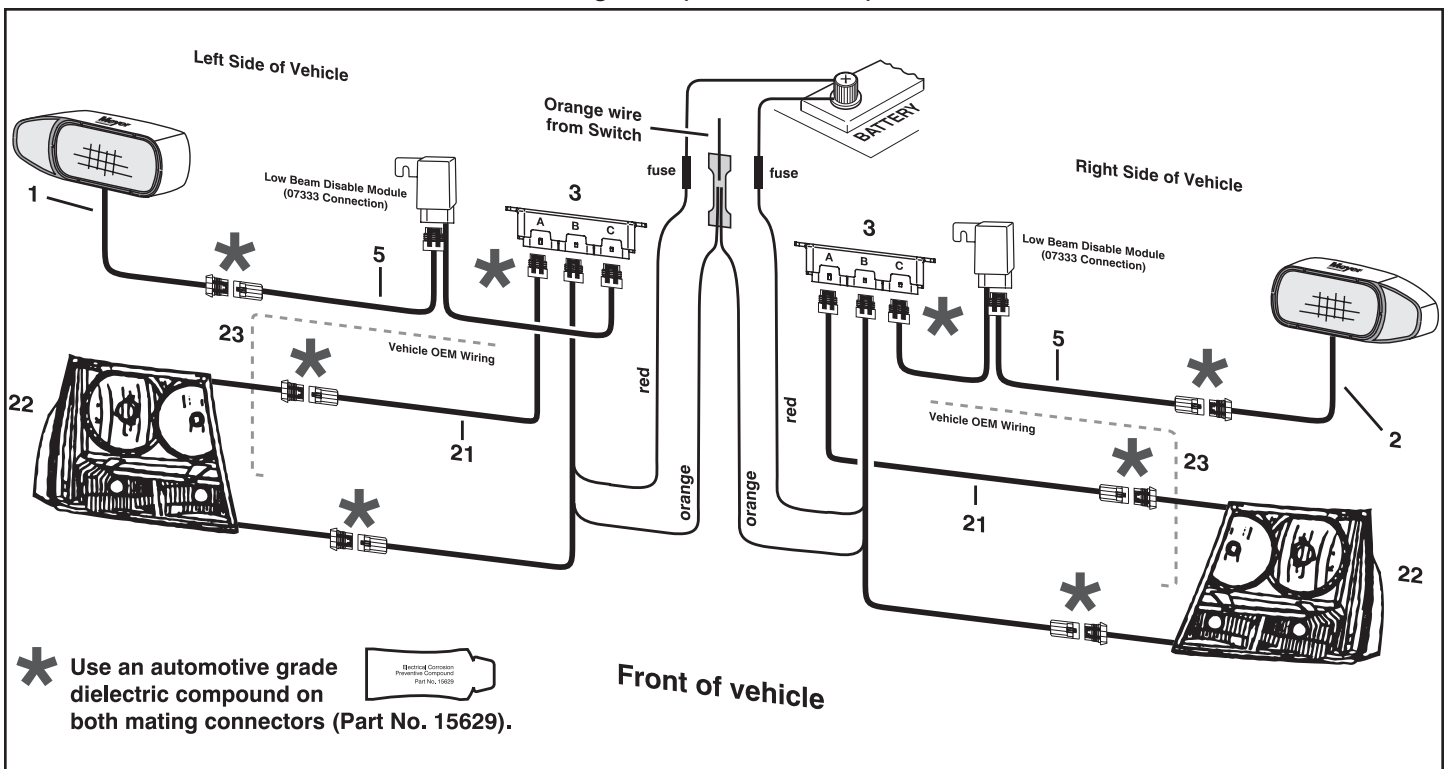


Figure 1 (Module #07347)



4. Confirm that the adapter kit that you have purchased is the exact kit needed for your vehicle. Use of improper kit will void all warranties applicable to this product.
5. Confirm that the correct components and quantity were included with your kit per the parts list above.
6. Install both changeover modules in the engine compartment behind each headlamp. Locate the modules as close as possible to the headlamps and try to mount with connectors facing downward. Make sure that they do not interfere with any moving parts and they are securely fastened. Use the nylon tie wraps provided with the 07223 Snow Plow Lamp kit to facilitate the mounting. **See important information on the front cover. DO NOT mount modules on any engine component that will get HOT.**
7. Locate the wire harness that includes the GREEN 6 way connector. This connector will eventually be plugged into PORT B of the changeover modules.
 - For the 07344 and 07333 there will be only one harness that includes the GREEN plug for port "B" and BLACK port "A" connectors.
 - For the 07343 and 07334 there will be a separate harness that has the GREEN plug end for port "B" connector and a separate harness that has the BLACK plug end for Port "A".
8. Unravel the long Orange wire (6 ft.) at the GREEN plug. Route it to the Orange wire (7) that is at the firewall as part of the installation procedure of the 07234 Snow Plow Lamp Kit. Use the butt connector (10) that is supplied with 07234 Snow Plow Lamp Kit to facilitate this connection. **See Figure 7.**
9. Unravel the Red wire (6 ft.) complete with in line FUSE and route it to vehicle battery. Use an appropriate connector (not supplied in this kit) to make the + 12 Vdc power connection. **See Figures 1 and 2.**

10. **07344 Adapter Kit** - Unravel additional Red wire (6 ft.) from 07345 Module. Route wire to vehicle battery. Use an appropriate connector (not supplied in this kit) to make the + 12 Vdc power connection. **See Figures 3 and 4.**
11. Disconnect the OEM vehicle's headlamp harness from rear of bulb. Using one of the adapter harnesses included in the adapter kit (21), plug one end of adapter into rear of headlamp. Locate the OEM vehicle's headlamp harness connector for the headlamp (22) and connect other end of adapter. Repeat steps for the other headlamp using the remaining adapter harness.
12. To connect the park and turn lights the new GM vehicles have provided connectors inline with the OEM wire harness. These connectors help simplify this process.
13. a) The 07344 and 07333 have one main eight (8) way connector that will provide quick connection into the headlamp and turn/park lamp circuits.
 b) The 07343 and 07334 will require two connections into two three (3) way connectors.
WARNING: DO NOT have light switch "on" when making connections to the Meyer Changeover Module. Damage may occur which voids and nullifies any implied warranty. All electrical connections should be coated with dielectric compound or tape for added protection.
 Refer to Figure 1 and Figure 3.
 c) Connect harness (5) with YELLOW plug ends from the 07234 Snow Plow Lamp kit, to the Changeover Module at connector "C" (YELLOW).
 Refer to Figure 2 and Figure 4.
 d) **07333 Adapter Kit** - connect harness (5) with YELLOW plug ends from the 07234 Snow Plow Lamp kit, to the Low Beam Disable Module. Connect Low Beam Disable Module to the Changeover Module at connector "C" (YELLOW).
 Refer to Figure 1.
 e) Connect the Adapter Kit Harness GREEN connector to the Changeover Module at connector "B" (GREEN).
 Refer to Figure 2 and Figure 4.
 f) Connect the Adapter Kit Harness (21) BLACK connector to the Changeover Module at connector "A" (black). Refer to Figure 2 and Figure 4.

If there is any abnormal operation following the installation of this adapter kit, review item 4 to make sure that the correct kit has been installed for your vehicle.

Important: If lights do not function a fuse inside the Module may have failed. To determine the cause of such failure check all OEM, external wire connections, DRL lights, auxiliary lights and fuses.

Remove the Module fuse cover by removing the three screws as shown in Figure 2. Identify the failed fuse and replace with a new fuse of SAME RATING.

Additional lights connected to the Nite Saber light system will void all warranties.

Figure 2 (Module #07347)

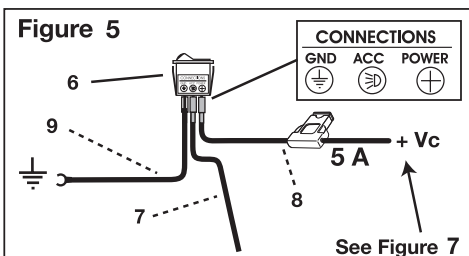
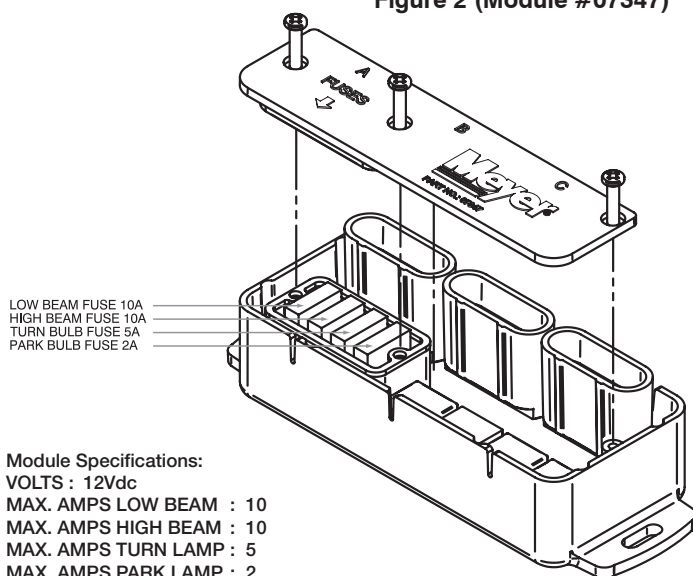


Figure 7

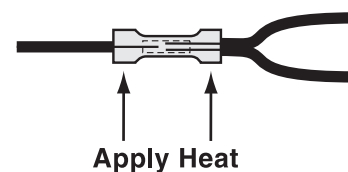


Figure 3 (Module Kit #07344)

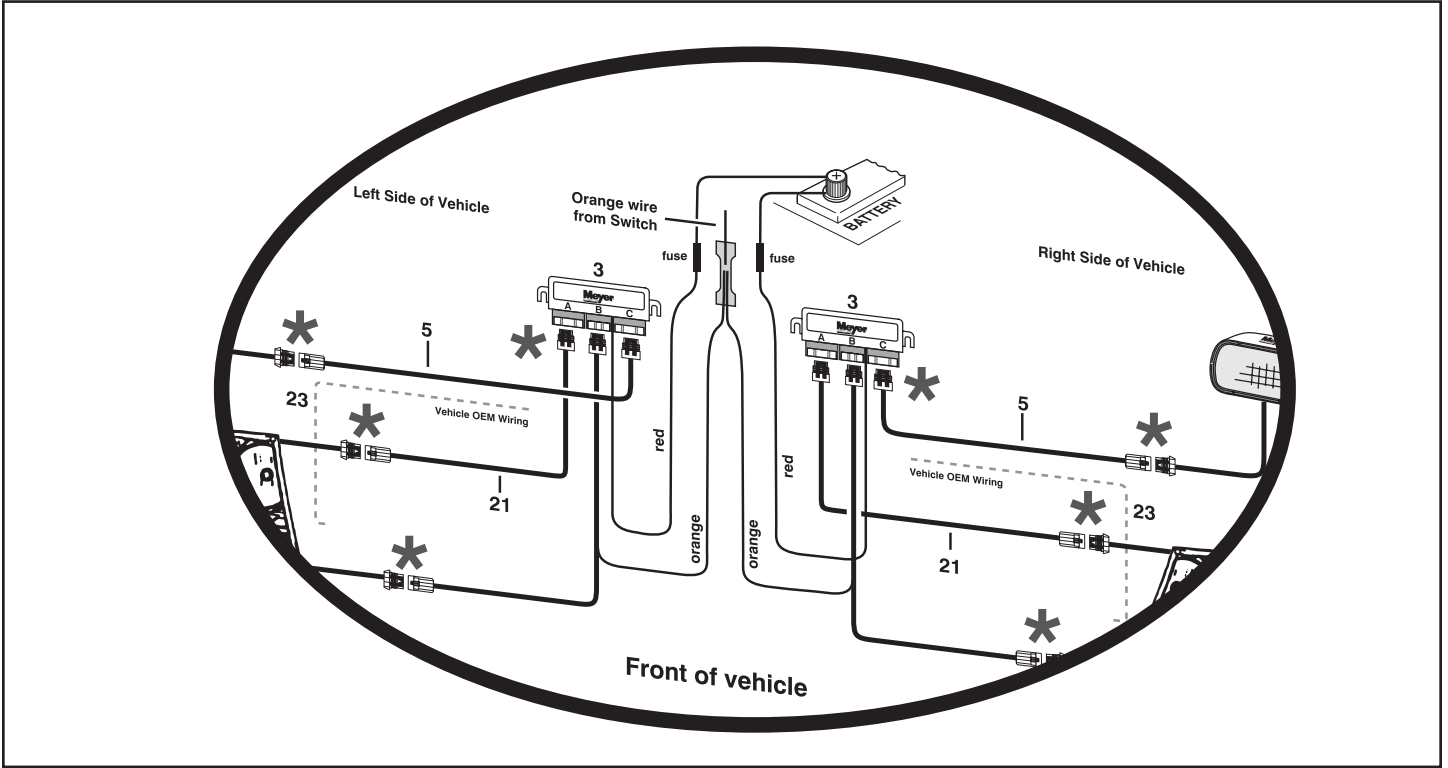


Figure 4 (Module #07345)

