

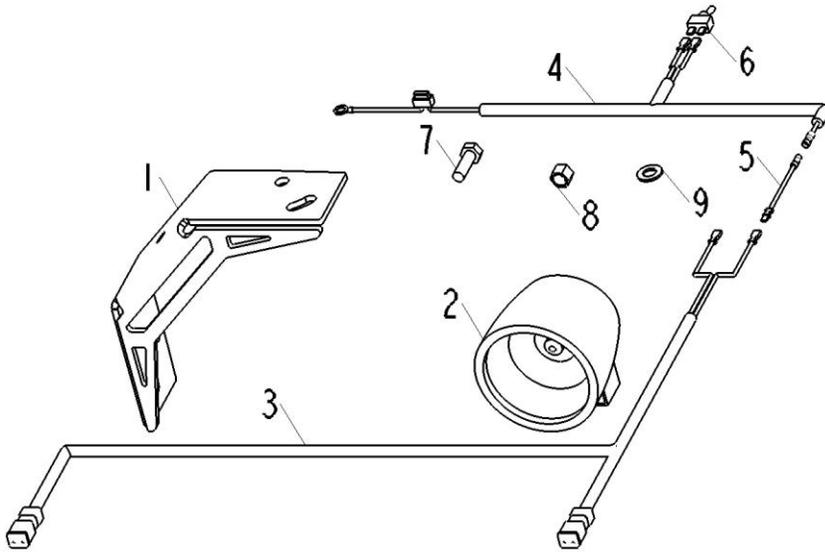


BOSS PRODUCTS
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UTV HEADLIGHT KIT INSTALLATION INSTRUCTIONS

Kit Number:
MSC12246

UTV Headlight Kit Installation Procedure



ITEM #	QTY.	PART #	DESCRIPTION
1	2	MSC12247	Headlight Bracket
2	2	MSC12249	55W Headlight
3	1	MSC12248	Plow Side Light Harness
4	1	MSC12243	Vehicle Side Light Harness
5	1	MSC12243	Light Harness Jumper Wire
6	1	MSC12271	UTV Headlight Switch Assy.
7	4	HDW01713	HHCS,5/16-18X1
8	4	HDW01714	NUT,5/16-18,NYL
9	8	HDW04844	Washer,Flat,3/8"

NOTE: MSC12243 is only required on 2011 or older UTV Plows

NOTE: Headlights not intended for on road use. Off road use only.

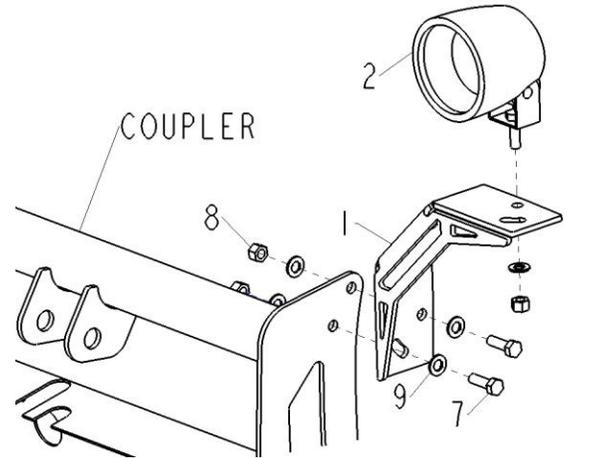


Figure 1. Mount Headlights/Brackets. G10690

NOTE: If second hole is not present on coupler, secure Headlight Bracket (1) with top parallel to ground, mark and drill second hole using Headlight Bracket (1) as template.

- 1) Align hole and slot in Headlight Bracket (1) with holes on side of Coupler. Using 5/16"-18X1" Hex Head Bolts (7), 3/8" Flat Washers (9), and 5/16"-18 Nylon Lock Nuts (8), fasten Headlight Bracket (1) to Coupler with top of Bracket parallel to ground.
- 2) Using Hardware included with Headlight (2), fasten Headlight (2) to Headlight Bracket (1). Tighten hardware once Light is in desired position.
- 3) Repeat steps 1 and 2 for opposite side.

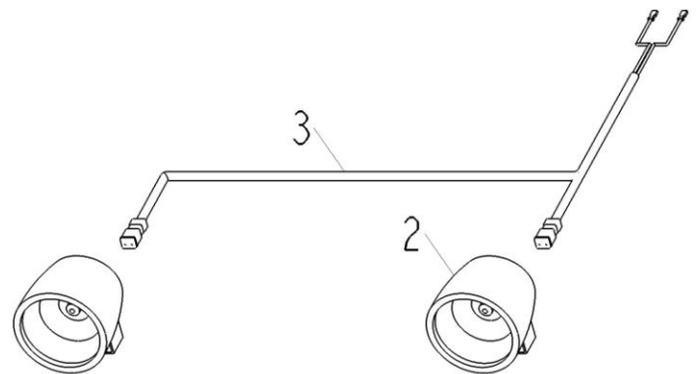


Figure 2. Plow Side Light Harness. G10691

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- 4) Plug Plow Side Light Harness (3) into Headlights (2) with longer lead of Plow Side Light Harness (3) going to Passenger Side Headlight. See Figure 2.
- 5) Run loose end of Plow Side Light Harness (3) into Coupler through Grommet at back of Coupler.

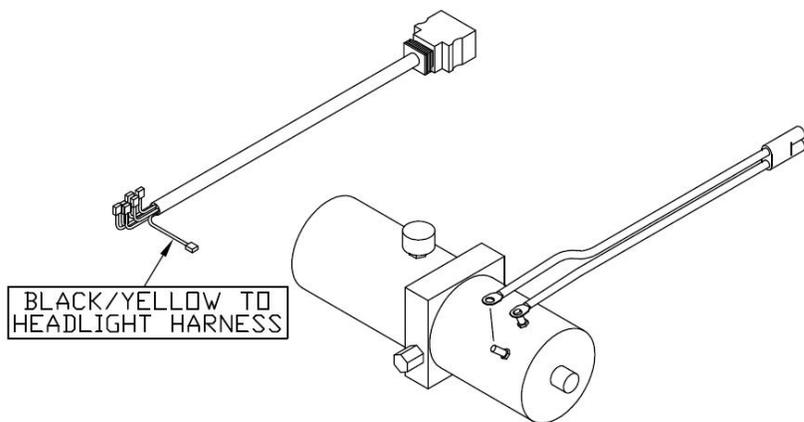


Figure 3. Light Harness Wire Attachment. G10692

- 6) With Plow Side Light Harness (3) in Coupler, plug Black/Yellow end into Black/Yellow wire of Existing Wiring Harness. Plug Brown wire of Plow Side Light Harness (3) into loose end of Brown wire from existing Ground Strap on Hydraulic Valve Block.

NOTE: If no Black/Yellow wire is present in Existing Wire Harness, continue to steps 7 – 8, if Black/Yellow is present, skip to step 9.

- 7) Use Light Harness Jumper Wire (5) found in kit. Attach to Plow Side Light Harness (3) in coupler and run Light Harness Jumper Wire (5) back through Grommet and out of Coupler. See Figure 4.

NOTE: Attach Black/Yellow wire from Coupler to Black/Yellow wire at bumper (from step 8) at time of plow attachment, be sure to unplug wires before detaching plow.

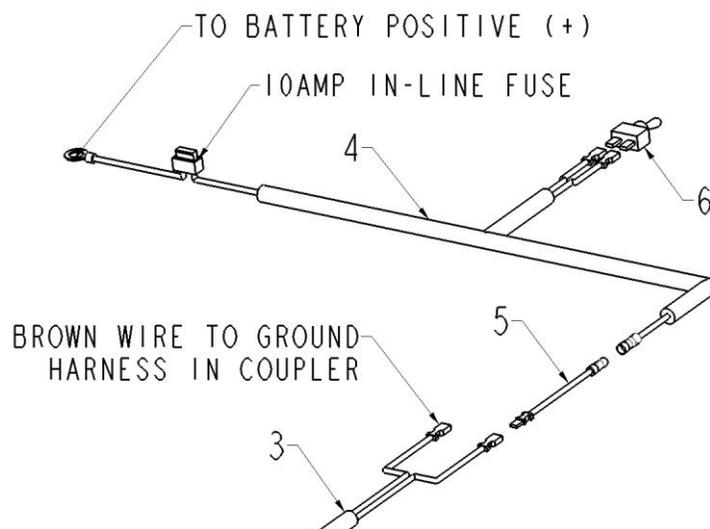


Figure 4. Vehicle Side Light Harness. G10693

- 8) Attach Ring Terminal of Vehicle Side Light Harness (4) to Battery Positive (+). Run opposite end with bullet connector to 13-Pin Bumper Plug. See Figure 4.

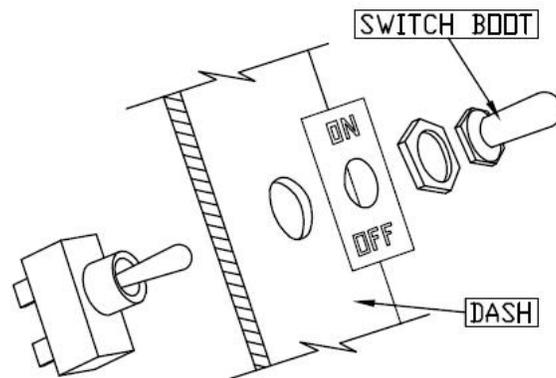


Figure 5. UTV Headlight Switch. G10694

- 9) Locate easily accessible place on dash of vehicle to mount UTV Headlight Switch Assy. (6). Mark and drill hole using 1/2" drill bit. Assemble switch as shown in Figure 5.

NOTE: Place On/Off Decal (MSC12269) over switch before Switch Boot is in place.

- 10) With UTV Headlight Switch Assy. (6) in place, attach two remaining wires (Black/Yellow and Black for 2012 and newer. Black/Yellow and Red for 2011 and older) to back of Headlight Switch.

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NOTE: Location of wires on switch terminals **DOES NOT** matter.

- 11) Place vehicle on a level surface 25 feet in front of a matte-white screen, such as a garage door. Screen should be perpendicular to both ground and vehicle.
- 12) Vehicle should be equipped for normal operation. Snowplow blade should be in place and in raised position.
- 13) Aim Headlights so that beams are level with each other and an effective amount of light is being cast over and in front of your plow.

NOTE: Re-tighten all Hardware after first two hours of plowing.

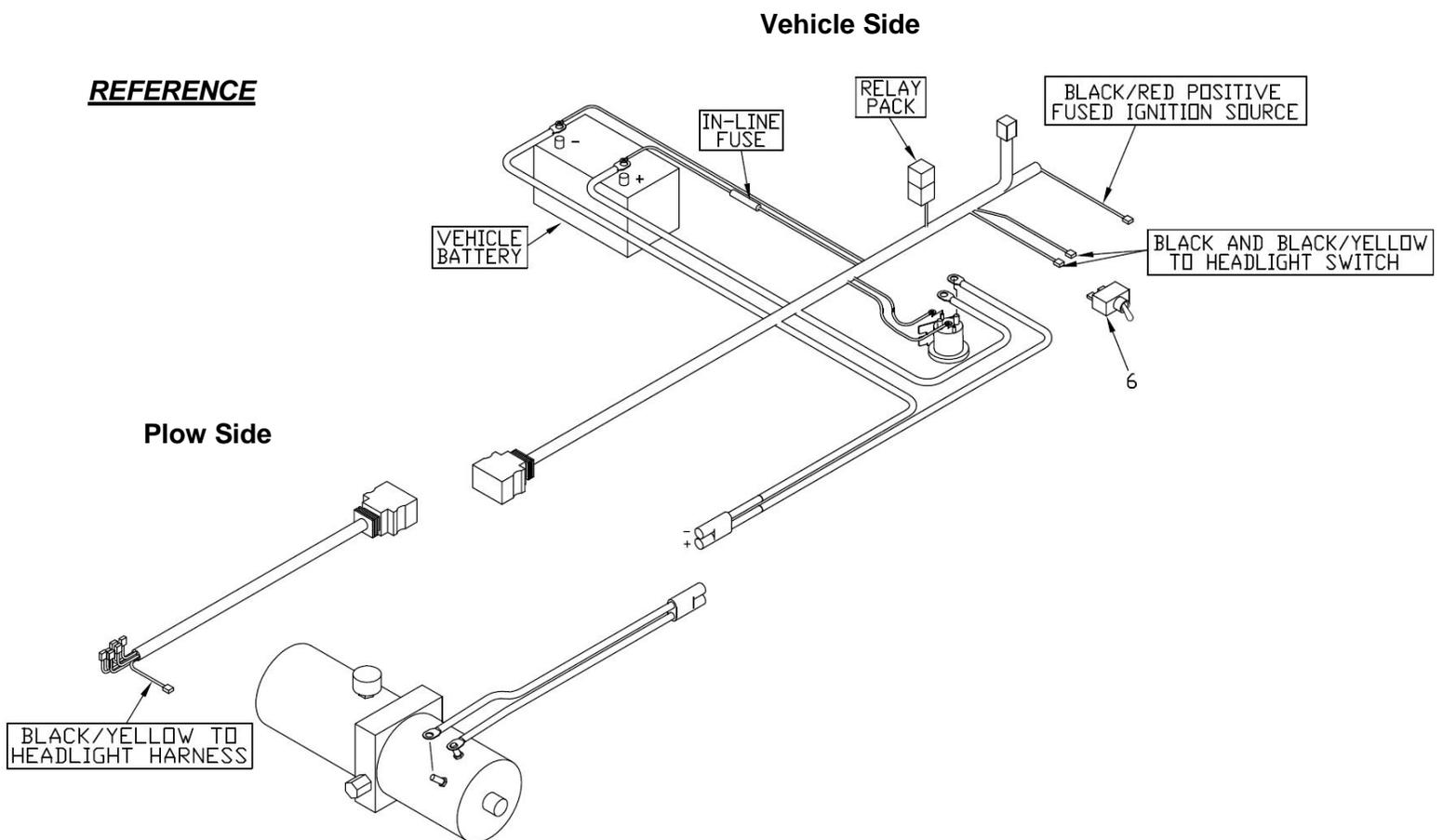


Figure 6. Wiring Layout.

G10695