



## Slingshot High Intensity Discharge (H.I.D.) Light Upgrade



This lighting upgrade for the Slingshot installs some of the brightest lights available for the Slingshot in a OEM style bracket to provide superior lighting at night compared to the stock Halogen bulbs.

Installation time of the HID kit depends on you and your mechanical skills. It is suggested that you read through the directions a few times to familiarize yourself with the components of the kit, and your Slingshot. If you are pretty handy with tools the HID

kit can be installed in under an hour, however we suggest that you schedule at least a couple of hours for the installation.

If you have any questions during the installation you can call us at (864) 907-6004 or email us at [Tech@ddmworks.com](mailto:Tech@ddmworks.com).

### TOOLS NEEDED

10mm wrench ( 2 makes the job easier)

Small scissors or safety knife

10mm socket

Socket driver

Needle nose pliers

Wire cutter

T-30 Torx Bit



119-A Hwy 183  
Piedmont, SC 29673

**Tech Support**

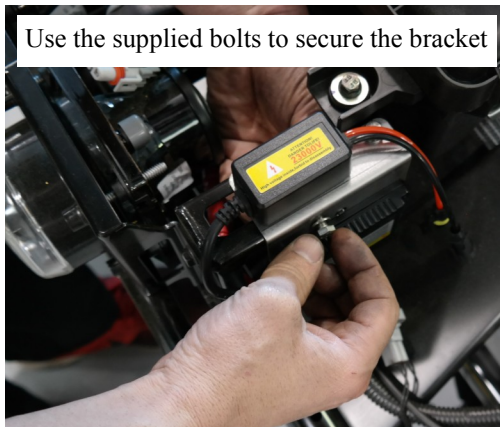
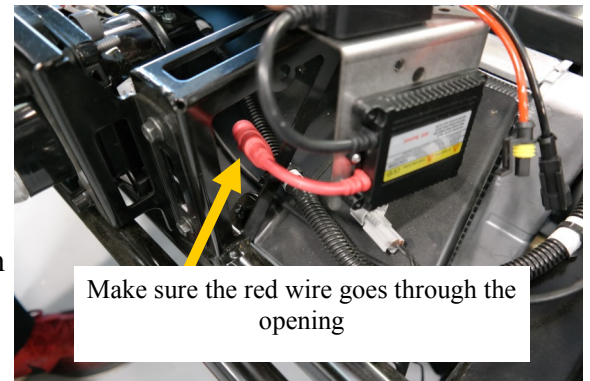
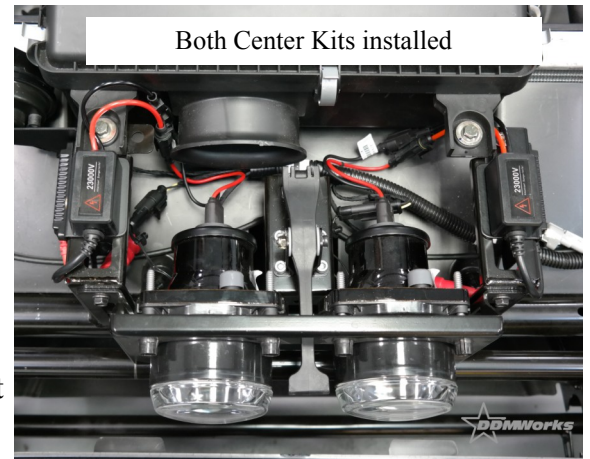
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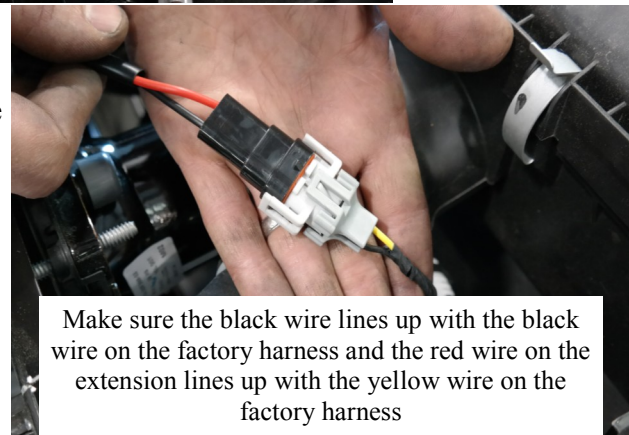
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## Drivers side center HID kit install

1. **Make sure your Slingshot is in neutral and the parking brake is on before starting installation.**
2. The first light that is going to be installed is the drivers side light in the center of the car. The pictures taken for the install and used in these instructions were with the hood removed to allow clearer pictures to be taken.
3. First, unplug the connections on the back of the stock headlights in the center. There is a single clip that locks the electrical connector on the back of the light bulb, pry that up slightly and the connector will come off of the light. Then twist the lights counter clockwise (when looking from the back of the car) and after about 1/3 rotation the lights will be able to be pulled out of the housing.
4. With the stock bulbs removed, now find the drivers side bracket. In the center HID kit, it is the bracket with only a single bend on it. It will set on top of the bracket that the stock airbox is bolted to. There is a hole in the side of the HID bracket that will line up with a little tab sticking out the side of the bracket on the car. Then there is a hole on the bracket that will line up with a hole on chassis of the slingshot on the side and also the top.
5. There are bolts supplied with the kit that you will use to secure the drivers side HID bracket to the chassis of the car. Use a 10mm wrench to tighten the bracket in place.

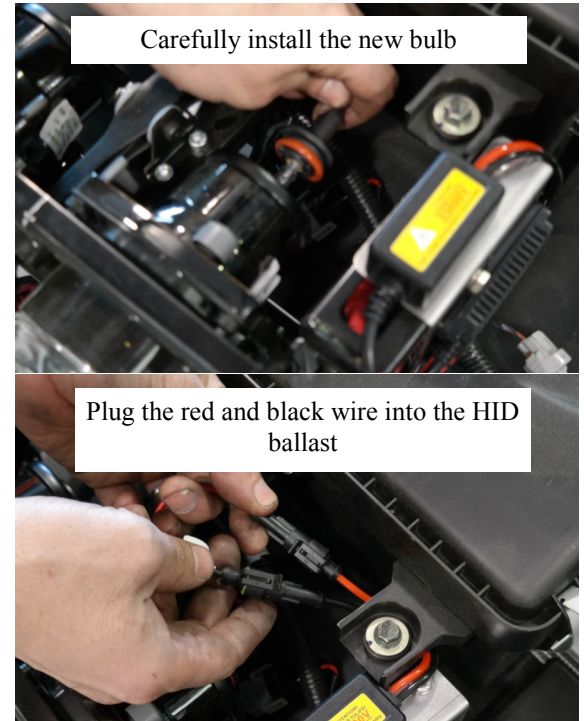


6. With the bracket secured into place, now look in the box with the bulbs in it, marked H9. Inside the box you will see a little extension wire that is approx 3" long. One end will plug into the big red cable coming off of the HID kit, make sure that the tab on the red cable lines up with the clip on the extension cable, and when plugging them together, make sure the clip locks over the tab on the red cable from the HID kit.
7. The other side of the cable plugs into the factory harness that was plugged into the factory bulbs. **VERY IMPORTANT** — Make sure the black wire on the extension wire lines up with the black wire on the factory harness, and the red wire on the extension lines up with the yellow wire on the factory harness.



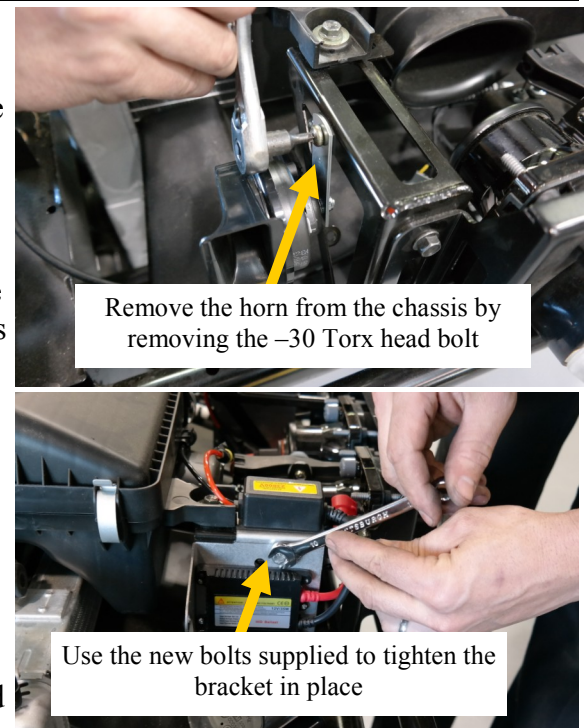
## Drivers side center HID kit install

8. The next thing to install the new HID bulb in the housing. Remove the bulb from the packaging, making sure to remove all of the plastic protection. The new bulb is inserted into the light housing and takes about 1/3 turn clockwise to lock into place. On the bulb there are 3 little plastic tabs that line up with light housing. If the bulb doesn't seem to want to go in, it is because those tabs are not lined up. You will need to pull the light back and rotate it about 1/3 of a turn and try again. Once all 3 tabs line up and have the light in the correct orientation, it will press in and you will be able to rotate it about 1/3 of a turn and lock it into place.
9. With the bulb in place the last thing to do is plug it into the HID ballast. There is a red and black wire on the bulb that will plug into the red and black wire on the HID ballast. They each have unique connectors that will not allow you to plug them in incorrectly. Just make sure that the tabs lock over each other. Go ahead and turn the key on and the light should light up, it is time to install the passenger side center light now.



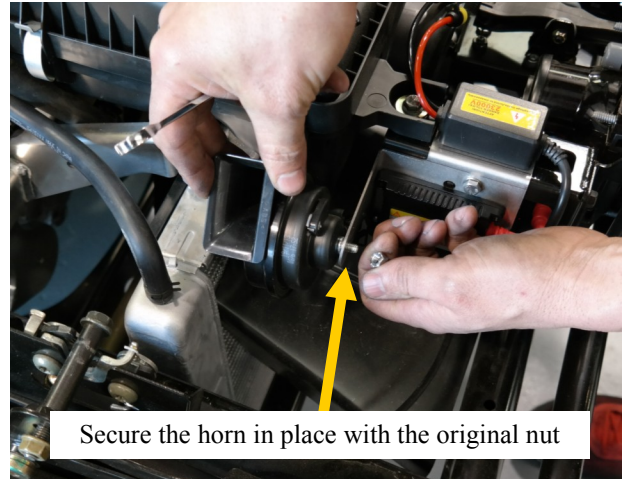
## Passenger side center HID kit install

1. The first part of the passenger side install is going to require unbolting the horn from the chassis. There is a single T-30 torx head bolt holding the bracket for the horn to the chassis. Remove that T-30 head bolt and the horn will be loose. Now use a 10mm wrench to remove the nut on the back of the horn which will allow you to remove the bracket from the horn. Set the bracket to the side, it will not be re-used in the installation.
2. With the horn removed, the bracket for the passenger side can be put into place. Make sure the red cable from the HID ballast goes through the opening in the bracket that it bolts to like the drivers side installation did. There is a hole on the side of the HID bracket that will line up with tab that is on the chassis. The other hole will line up with the hole that you removed the T-30 Torx head bolt from. Use the supplied bolt and washer to go through the hole that lines up with the hole that you removed the T-30 bolt from, thread the new bolt into that hole and tighten it into place. The bracket should be secure now.
3. With the bracket secure, find the other 3" extension wire in with the bulbs and plug it between the red wire on the HID ballast and the factory harness that went to the factory bulb, same as the drivers side. Remember, black wire to black wire and red wire to yellow wire.
4. Remove the HID bulb from its protective packaging and install the same as the drivers side, plug it into the wires coming from the HID ballast, black to black and red to red.



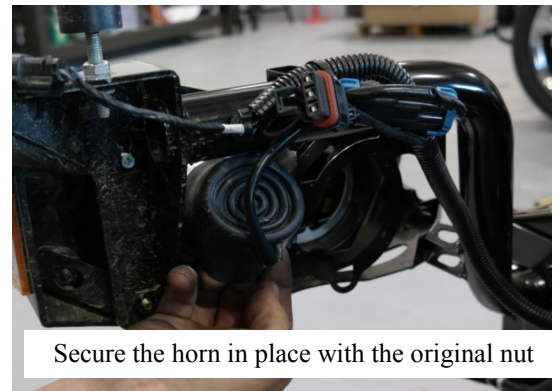
## Passenger side center HID kit install

5. With the bulb installed and plugged in, the last thing is to attach the horn to the bracket. The horn attaches on the back side of the tab sticking out on the new HID bracket. Use the nut that was removed earlier to secure the horn in place.
6. This completes the passenger side center HID install, turn the key on and check to make sure that both center lights are working now.

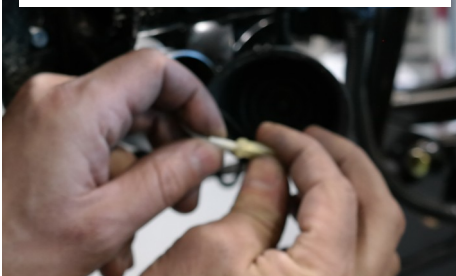


## Outboard HID kit install

1. The first thing for the outboard lights is removing the stock bulbs. To do this you will need to remove the rubber boot on the back of the light. To remove the boot, start by prying with your fingers from underneath and you will be able to work the boot off. There are wires inside so be careful pulling on it so that you do not yank on anything too hard.
2. With the boot pulled back, you will see a white wire that has a connector on it. You can pull that connector apart to disconnect it. Then look inside the headlight and you will see a black wire that hooks to the back of the bulb in the headlight. Pull on that connector and it will come off also allowing the rubber boot to be free from the headlight.



With the boot removed, unplug the wire you will find inside



Unplug the black wire that is attached to the bulb inside the headlight



The rubber boot should be free from the headlight now.



The red line is where you want to cut

3. Next there needs to be a little bit of the rubber boot trimmed to fit the new wiring for the bulb. Looking at the picture to the right shows where you want to cut the boot to make a hole for the new wires.
4. Use a safety blade or scissors to cut out the circle in the rubber boot, after you are done it should look like the picture to the right.
5. Now the factory bulb needs to be removed. To remove the factory bulb, there are 2 little metal spring wires holding it in place. The wires are hooked under little metal hooks on the outside. If you press the wires down and toward the center they will release.

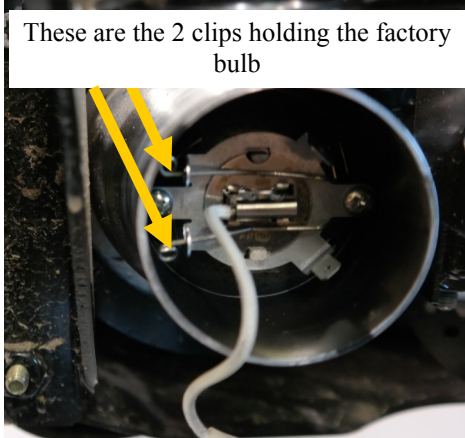


Rubber boot after cutting

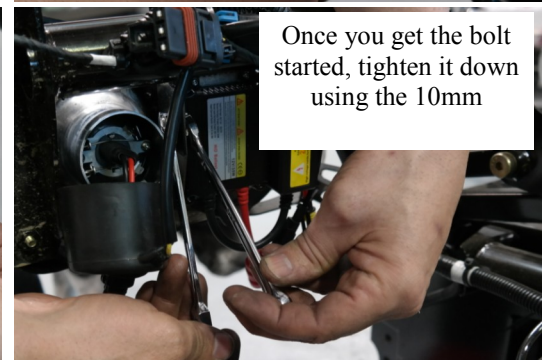
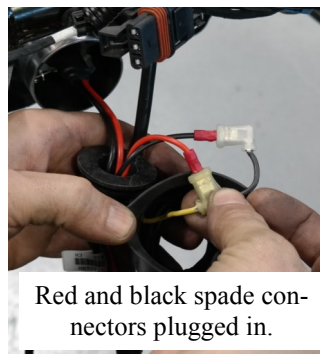
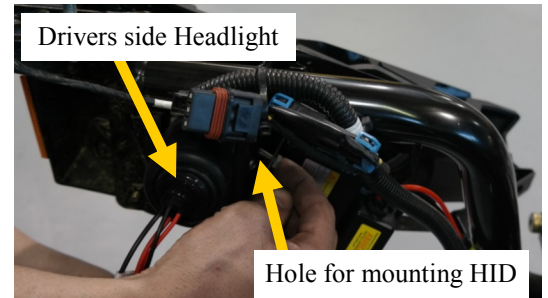
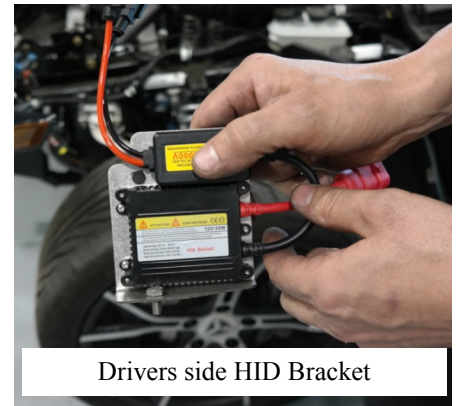
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## Outboard HID kit install

6. With the factory bulb removed, the new HID bulb can be installed. Make sure to remove all of the plastic protection from the bulb. Looking at the base of the bulb, one side has a half circle cutout and the other side has a square cutout. The half circle cutout faces up and lines up with a round tab on the light housing. The square cutout lines up with a tab on the factory housing also that is square.



7. Once you have that lined up and in place, secure the new HID bulb with the springs that held the stock bulb in place.
8. Now it is time to secure the HID bracket in place. The drivers side looks like the picture to the right. It has the single bend on it that will face the outside of the Slingshot. On that tab is a small hole that you will use to secure the bracket in place. Put the supplied bolt through the hole and it will line up with a hole in the chassis of the Slingshot just inboard of the headlight you are working on.
9. Once you get the bolt through the hole on the chassis, put a nut on the back side while using one of the lock washers. This is where the needle nose pliers can be helpful to hold the nut to get it started since it is a tight area to work in. Once you get the nut started, use the 10mm wrenches to tighten the bolt securely.
10. With the bracket secure, we need to make the electrical connections. On the back of the new HID bulb is going to be several wires. Find the 2 wires that have spade connectors on the end (small flat metal connections). There is going to be a red wire and a black wire with the spade connectors on them. The black wire with the spade connector is going to plug into the black wire that you pulled off the back of the stock headlight. The red wire with the spade connector is going to attach to the white wire that was originally hooked to the stock bulb.

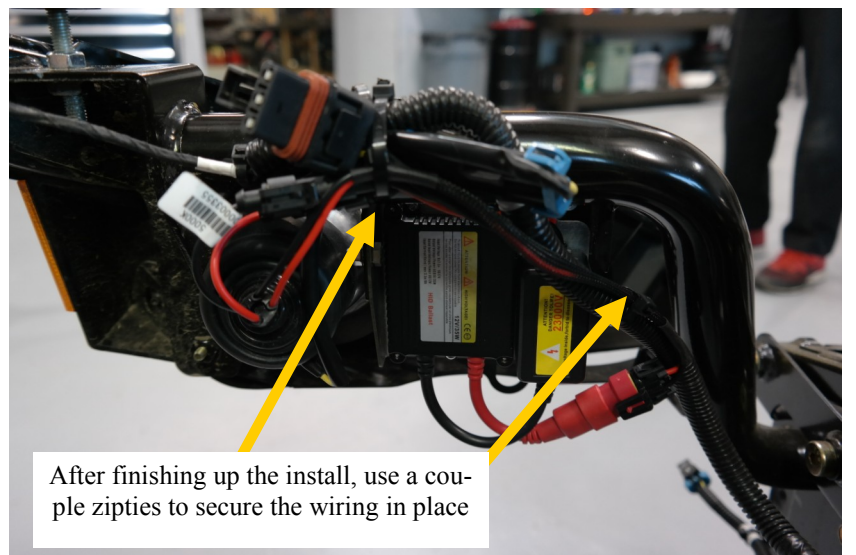
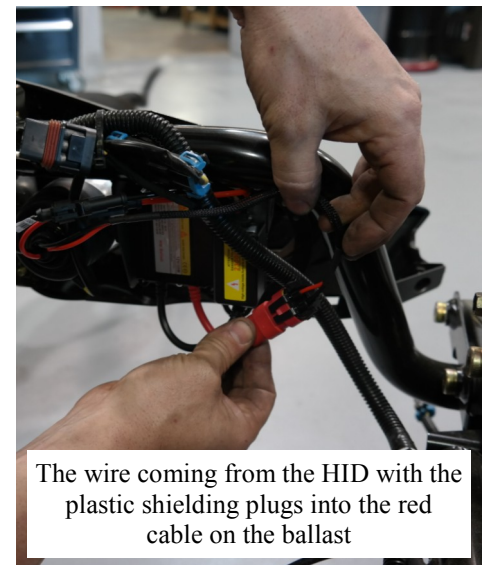
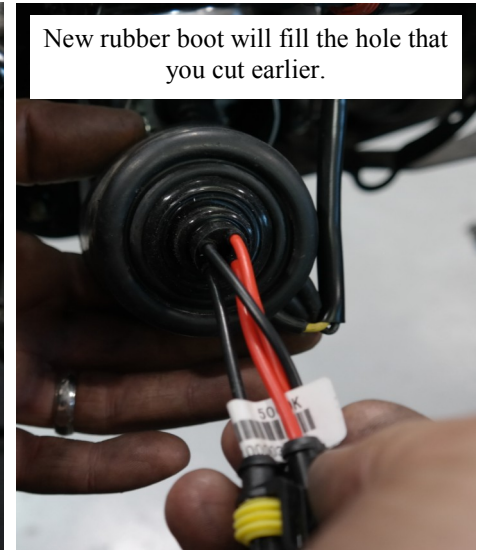
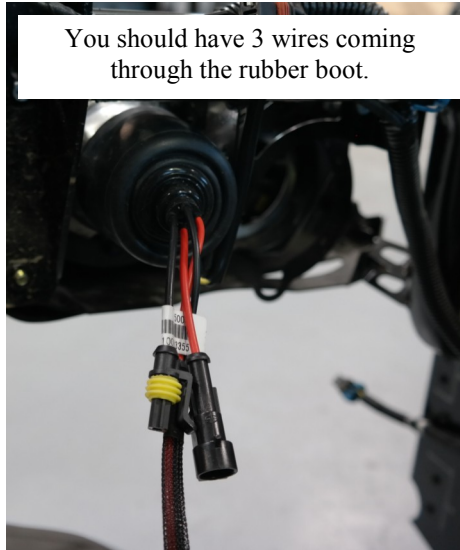


## Outboard HID kit install

6. With those 2 connections made, feed the other wires through the hole you cut in the rubber boot earlier. There should be a wire with a plastic mesh shield on it, a red wire and a black wire that feed through the hole. After you feed the wires through the hole the rubber boot on the new wires for the HID will seal to the rubber boot like the picture to the right.
7. Now that the wires are fed through the rubber boot, push the rubber boot back over the back of the headlight. Do not push the rubber boot on too far, just enough for it to feel secure.
8. The 3 wires are left to plug in now. The wire with the mesh protection on it will get plugged into the red cable that is coming from the HID ballast. Make sure to plug it in correctly, there is a tab that locks over tab on the red connector to make sure it is secure.
9. The 2 other wires plug into the ballast also. There is a red and black wire coming from the ballast that plug into the red and black wires coming from the HID light. They can not be plugged into each other incorrectly, just make sure that they are secure after you push them together.
10. At this point the bracket should be secure and all of the electrical connections should be made. Go ahead and turn the key on and the light should light up.
11. The last thing is to secure the wires up a little bit. Using a couple zip ties, to attach the wires to the factory wiring harness like in the picture.
12. Now that the drivers side is finished, repeat the same procedure for the passenger side light.

**Congratulations!** You have finished the install. All of us here at DDMWorks thank you for your purchase and hope you enjoy your new HID lights!

If you have any questions feel free to give us a call or text us at 864-907-6004. You can also email us at [Tech@ddmworks.com](mailto:Tech@ddmworks.com).



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