

Thank you for purchasing a SledLites.com HID system for your snowmobile. Please read all warnings and complete manual prior to installing.

OFF ROAD USE ONLY

ALL SLEDLITES.COM EQUIPMENT IS FOR OFF ROAD USE ONLY

ATTENTION

- Take care! High voltage is dangerous! It may cause injury by electric shock. Headlamp ballasts and SledLites module store high voltage.
- Turn off power supply in any accident; Broken high voltage box and wires will leak out high pressure electricity, which will create danger
- Please do not touch the bulb; extreme heat will burn your skin. If you have touched the bulb when cool, clean with alcohol
- Do not adjust optical focus up ward; this will seriously impact the safety of other drivers
- Do not stare at the light directly; unprotected eyes will be burned
- Do not disassemble SledLites components; may result in injury
- Keep away from inflammables such as paper, oil, sprayer, paint, diluting agents etc.
- Be sure power supply is unhooked prior to and during installation
- Be sure all positive and negative connections for power supply and lamp connections are correct prior to applying power.

CONSULT A PROFESSIONAL TECHNICIAN FOR INSTALLATION

ELECTRICAL SYSTEM MUST BE CAPABLE OF ADDITIONAL 20 AMPS

SLEDLITES.COM LTD. IS NOT RESPONSIBLE FOR DAMAGE TO ANY COMPONENTS ON SNOWMOBILE

CONTENTS:

- SledLites.com H13 HID Lamp Kit
- Head Lamp Harness P/N POSHHAH1324
- Head Lamp Harness P/N POSHHAH1314
- Stator Harness P/N POSSHA15
- AC module P/N MIAC092911P
- 6 plastic tie straps
- 5 #10-24 X $\frac{3}{4}$ taper head screw
- 5 #10 flat washer
- 5 #10-24 locking nut
- 6 #6 X $\frac{1}{2}$ self-tapping screw
- Mounting bracket
- 20A fuse

TOOLS REQUIRED

- Assorted screw drivers
- Socket set, wrenches and pliers.
- Drill and $\frac{1}{4}$ drill bit

1. Remove side panels.
2. Remove hood by removing two attaching screws just ahead of the steering post and two plastic retainers at rear of hood. Pull the nose of the hood slightly forward to unsnap from belly pan.
3. Remove the factory harness protective covering and detach the main harness from voltage regulator located on the belt guard.



4. Remove two bolts and rubber strap securing oil reservoir tank.
5. Remove four nuts securing belt guard. Pull oil reservoir up carefully and remove belt guard from snowmobile.
6. Using the mounting bracket as a guide mark and drill one $\frac{1}{4}$ hole in the belt guard to mount the bracket as shown.



7. Secure the bracket with one supplied #10 24 X $\frac{3}{4}$ taper head machine screw.

8. Mount SledLites.com AC Conversion Module to the bracket using remaining four #10 24 X ¾ taper head screws.
9. Reinstall belt guard and oil reservoir.



10. Plug Stator Harness P/N POSSHA15 into the voltage regulator three way connector and to the SledLites.com AC Conversion Module. Connect the factory harness to the SledLites.com Stator Harness P/N POSSHA15 three way connector.
11. Reconnect factory harness and reinstall protective covering.



12. Connect the SledLites.com Head Lamp Harness P/N POSHHAH1324 to the SledLites.com AC Conversion Module and route following the factory harness to the factory hood connector. Tie off SledLites.com harness to the factory harness with four supplied plastic tie straps.



13. Remove factory headlamp bulbs in install SledLites.com HID bulbs.
14. Mount SledLites.com HID ballasts to the bottom of the air box as shown with six supplied 6 X ½ self-tapping screws.



15. Plug ballasts into HID bulbs. Plug SledLites.com Headlamp Harness P/N POSHHAH1314 into the ballasts. Plug SledLites.com Headlamp harness into HID bulbs. Plug SledLites.com Headlamp Harness into factory bulb connectors.
16. Tuck away wiring secure and attach Sledlites.com 4 way plug to factory hood plug harness with remaining tie straps as shown on diagram in step 14.
17. Re-install hood. Reconnect the factory hood harness. Connect SledLites.com Head Lamp Harness P/N POSHHAH1324 to SledLites.com Head Lamp Harness P/N POSHHAH1314.
18. Install supplied 20A fuse into the SledLites.com Stator Harness.
!!DO NOT INSTALL FUSE WHILE SNOWMOBILE IS RUNNING!!
19. Re-install side panels
20. Your done ENJOY!

**DO NOT REPLACE A BURNT FUSE WHILE SNOWMOBILE
IS RUNNING, ALWAYS HAVE ENGINE TURNED OFF
COMPONENT DAMAGE COULD OCCUR.**

OPERATING CHARACTERISTICS

These HID lamps are intended for high beam use ONLY.

The SledLites.com module is a voltage storage device. The HID lamps will not turn on until the SledLites.com module has reached a predetermined charge level.

You will experience a delay in HID operation when the snowmobile is first started.

You will experience a delay in HID operation if the headlamps are turned from high beam to low beam and quickly back to high beam. This is normal operation and a delay should only be evident when the engine is at idle. There should be no delay while riding the snowmobile. QUICKLY SWITCHING BETWEEN <HIGH>< LOW> AND BACK TO <HIGH> BEAMS SHOULD BE AVOIDED.

System voltage will be low when engine is at idle. More so if the hand and thumb warmers are on. System voltage could go low enough at idle to cause the HIDs to turn off. This is normal and will differ between snowmobiles.

If the HID headlamps tend to turn off at idle you may need to find an acceptable load by turning off accessories in the following order:

- Thumb warmer on low
- Hand warmers on low
- Thumb warmer off
- Hand warmers off

If the HIDs persist to turn off at idle with all accessories off do not run HIDs at idle. Idle snowmobile in low beam position.

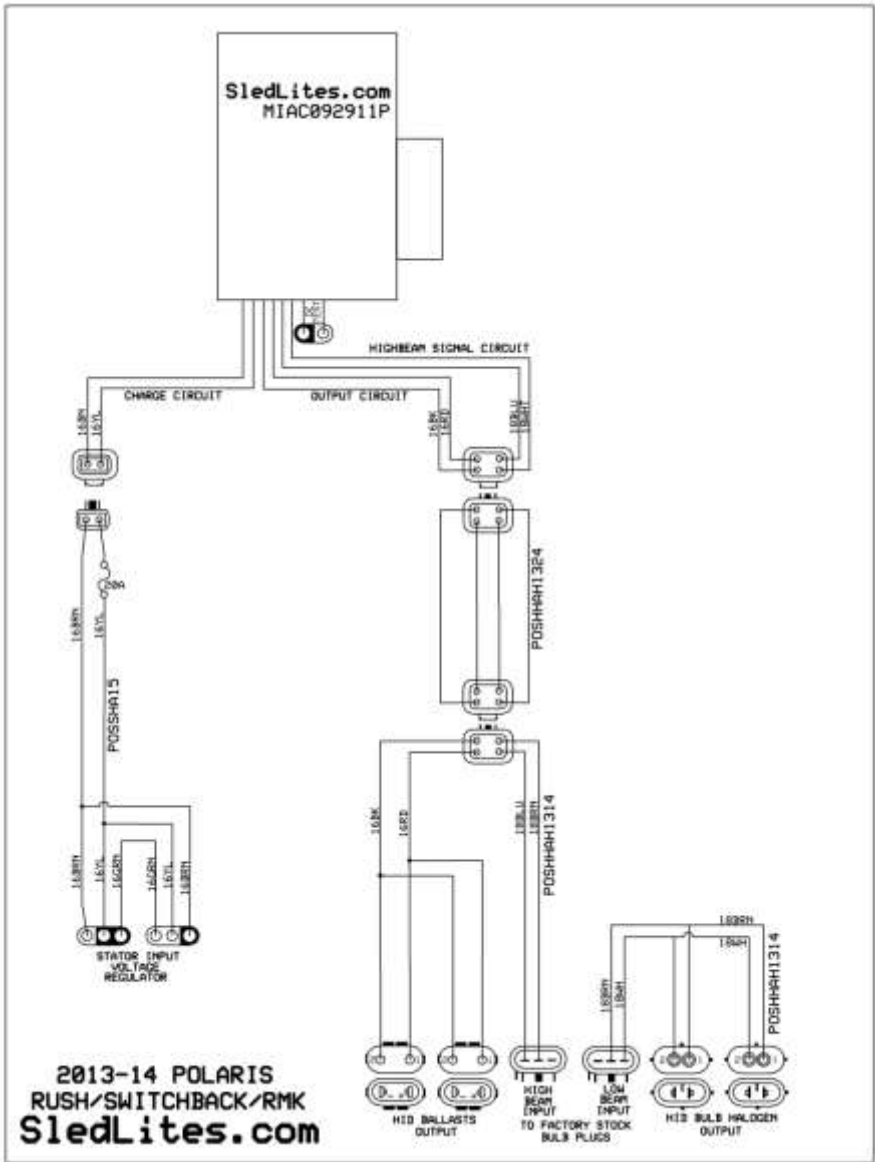
OPERATING HIDs AT IDLE SHOULD GENERALLY BE AVOIDED

WARRANTY

HID Lamp Kits are warrantied against manufacturing defects 90 days from the date of original purchase to the original purchaser. Any part which is deemed to show evidence of being used or installed contrary to manufacturer's instructions, tampered with and/or subject to improper handling, packaging or return shipping by the customer, will not be eligible for exchange or warranty consideration. Warranty does not extend to replacement items. SledLites.com Ltd. does not cover any shipping costs related to warranty items or returns; these are the responsibility of the consumer. SledLites.com Ltd. is not responsible for any labour cost for maintenance, removal or reinstallation or any consequential damages of any kind. SledLites.com Ltd tests all products prior to shipping. There is no warranty on electrical and electronic components such as AC and DC Conversion Modules. Electronic components are not eligible for returns. For any warranty concerns contact warranty@sledlites.com

TROUBLE SHOOTING

Consult a licenced snowmobile technician for any trouble shooting of these systems. Please contact support@sledlites.com for trouble shooting support.



NOTES: