



YOUR MOTORSPORTS LIGHTING SOLUTION

INSTRUCTION MANUAL

2009-11 M800

2009-11 M1000

2009-11 X-FIRE 800

2009 X-FIRE 1000

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

INSTALLATION INSTRUCTIONS

1. Open hood and remove left side air box half by removing nut with 10mm socket, T30 screwdriver and remove left windshield attaching O-ring. Put air box aside for later. (FIGURE 1 & 2).



2. Unplug OEM high beam lamps (inner lamps) and remove OEM halogen bulbs.

3. Install SledLites.com HID bulbs.

4. Position SledLites.com module in its mounting location as far away as possible from the exhaust system. Mark the location of the 4 mounting screws. (Figure 3).

5. Drill 4 holes with a 3/16 drill in the belly pan being care full not to drill through and damage any components beneath.



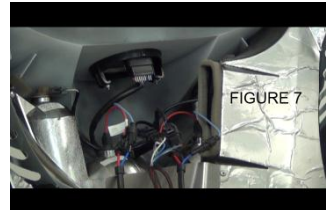
6. Attach module to belly pan using 4 supplied machine screws, washers and locking nuts.
7. Route the wiring harnesses under the OEM wiring and heat shield towards the voltage regulator (FIGURE 4).
8. Unplug voltage regulator and plug the voltage regulator and the OEM harness into the SledLites.com wiring harness.
9. Route the remaining harness up the hood towards the headlamps following the factory wiring.



10. Use supplied plastic ties to attach the SledLites.com wiring harness neatly to the factory wiring.
11. Apply RTV silicone to the bottom of each HID ballast (FIGURE 5) and attach the ballasts to the top side of the air box previously removed with supplied self-tapping screws. (FIGURE 6).



12. Plug the SledLites.com harness into the HID ballasts at the end of the harness previously run up the hood to the headlamp area (FIGURE 7).
13. Plug the factory high beam lamp plugs previously unhooked to the remaining two plugs on the SledLites.com wiring harness (FIGURE 7).
14. Reinstall air box assembly
15. Close hood, latch down and ENJOY!



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.

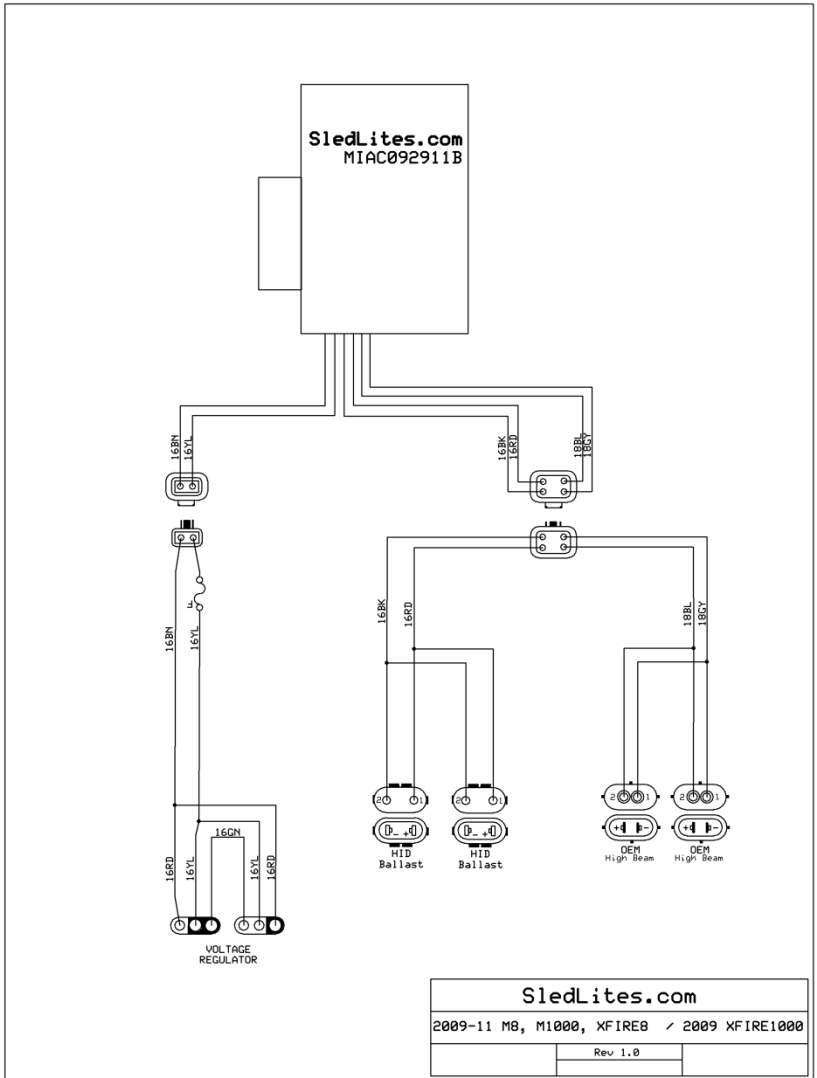
If the HID headlamps tend to turn off at idle you may need to find an acceptable load by turning off accessories in the following order:

- 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

WIRING SCHEMATIC



PDF MANUALS

Available online on sledlites.com

TROUBLE SHOOTING

Please contact support@sledlites.com