TO: BOSS DEALERS

DATE: 9/24/2015

SUBJECT: SL3 LED Headlight Information/13-pin Plows

The following is Service Bulletin SV119 from BOSS Snowplow Technical Support. Please make sure this bulletin is distributed to all employees who sell or service BOSS Snowplows. We have distributed this service bulletin to all registered Distributors and Sub-distributors with dedicated fax lines or e-mail addresses.

Thank you,

BOSS Snowplow Technical Support
BOSS is pleased to announce the release of the SL3 LED Headlights with Ice Shield Technology. These lights will be included in the optional **MSC19050 SL3 Upgrade kit**, and will include the necessary parts to convert from the SL2’s to the new SL3’s. This kit is designed for use with 13-pin plows only, and is not compatible with the NGE system.

- **MSC19050 SL3 Upgrade Kit**
  - MSC16200 Headlight Kit, LED
  - MSC09417 Control Harness Plow Side 13 Pin, LED
  - HDW09418 Fastener Kit, Mounting, Headlight, LED

**NOTE** 2003-2014 Dodge/Ram trucks will require an adapter (MSC19053), which is sold separately.

As of the release date of this Service Bulletin, the MSC17070 SL3 Upgrade Kit for NGE plows is not available. A future Service Bulletin will announce the release of this kit.

BOSS SL3 Headlights are 100% LED. They include low beam, high beam, booster lamp, integrated turn signal and front position/park light.

**SL3 Headlight Functions**
- While on low beam the booster and low beam will illuminate
- While on high beam the booster, low beam and high beam will illuminate
- With the turn signal on, the amber turn signal LED will illuminate
- The park/front position light will be illuminated anytime the vehicle park lights are on
- DRL function of the vehicle will be replicated at the plow if the vehicle uses either high or low beam for its DRL bulb.
When it comes to wiring the SL3 Headlights to the plow, the only thing different from the SL2s is the connector. The SL3 Headlights only use one sealed connector versus the three bulb connectors on the SL2 Headlights.

The SL3 Headlights will use the same mounting arrangement as the current SL2’s. There are some important points to be aware of when installing the SL3 Headlights.

- During the installation process, DO NOT use thread locker on the ¼”-20 bolts.
- Torque the ¼”-20 bolts to no more than 6 ft-lbs.
- SL3 Headlights are high output and DOT compliant, therefore proper aiming of the lights is very important. Please refer to either the owner’s manual or installation manual for proper aiming instructions.

The SL3 Headlights are equipped with Ice Shield Technology. Ice Shield Technology is a state of the art means of defeating ice buildup on the headlight lenses. Ice Shield Technology incorporates a conductive grid into the lens of the light, which is activated when the ambient air temperature inside the light falls below 77 °F. Once turned on, the system will remain active until the vehicle is turned off.

If you have any concerns or questions about this service bulletin please feel free to contact BOSS Technical Support at (800) 286-4155 option 2 or e-mail at techservice@bossplow.com