



*"Setting the World's  
Performance Standards!"*

## **Starting Line Products, Inc.**

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# **SLP Lightweight Silencer for 2010 Polaris 800 CFI Assault, Dragon, IQ & Switchback P.N. 09-296**

**Kit Contents:** 1 - Silencer, 1 - Medium Spring

- 1) Remove the stock silencer (retain all springs for silencer installation).
- 2) The inside rear spring tab of the stock silencer support bracket needs to be bent outward 0.100".
- 3) Install the SLP silencer using the stock silencer saddle and outlet hole. Spring into place using the OEM springs on the outside of the silencer and 1 medium SLP springs on the rear inside of the silencer.

**NOTE:** For best performance, we recommend that all connections be sealed with a silicone sealer like Loctite 598 Ultra Black or equivalent. Use silicone to seal the silencer to the belly pan outlet hole and the pipe to the silencer.

### **Spring Tension Adjustment:**

Spring loop adjustment is suggested for proper spring tension to prevent leakage and wear (low tension), allow adequate flex (proper tension) and prevent spring breakage (excessive tension).

When system is installed, the spring can be inspected for proper tension. The winding spacing at the center of the spring will indicate tension. When proper, the two center windings will have .040" to .050" clearance between them. This is easily tested with a feeler gage.

If tension is incorrect, the loop on the pipe or silencer can be bent in the direction needed to increase or decrease tension. Attach a vise grip firmly to the loop and bend.

**USE STOCK CLUTCHING. FUEL CHANGES NOT REQUIRED.**

## **Caring for your ceramic coated pipes and/or silencer:**

Ceramic Coating is an aluminum matrix applied to your exhaust system to provide a thermal barrier for more consistent performance. It is a coating which requires little maintenance to keep your pipes and/or silencer looking like new.

Upon completion of new installation, wipe the ceramic coated parts of the exhaust system down with brake cleaner. This will prevent oils and grease (usually in the form of fingerprints) from burning on and staining the exhaust during first initial startup.

To maintain your ceramic coated system, wash it with soap and water periodically (especially necessary after trailering it to and from your riding area on roads that have been treated with salt and other ice removing chemicals). Salt and other ice removing chemicals will attack and eat away at the ceramic coating. This will result in rust coming through the coating. Typically you will notice this rusting after your snowmobile has sat for a period of time without the exhaust system being brought up to running temperature.

Periodically polish your ceramic coated pipes and/or silencer after each washing with an aluminum polish such as Mothers®, Maas® or Blue Magic® aluminum polish. These products can be found at any automotive parts store. Do not use any acidic cleaners! For stubborn stains use fine 000 steel wool, then use a soft cloth with polish. Failure to maintain your ceramic coated pipes or silencer can result in damage to the ceramic coating for which there is no warranty coverage. A little care will insure that your pipes and/or silencer will continue looking like new for many years.

**Note:** In areas of the ceramic coated system where skin temperatures exceed 1300 degrees F, it is normal for the coating to turn dull gray. These areas should also be washed and polished periodically.