



**Starting Line  
Products, Inc.**

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

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743 E. Iona Rd. Idaho Falls, ID 83401, (208)529-0244 Fax (208)529-9000

**SLP PART #09-884**

**ATTENTION DEALER**

**PLEASE PROVIDE YOUR CUSTOMER WITH THE  
INSTALLATION AND INSTRUCTION DATA THAT IS  
SUPPLIED IN THIS PACKET FOR THIS PRODUCT.**

**Before you begin, please read the following:**

The information contained in the instruction sheet supplied with this products is intended to provide complete setup and tuning specifications needed to have successful installation. It also acts as a reference guide for future tuning for altitude and temperature differentials. Varying from these standards can reduce performance and/or dependability.

Please read the following instructions for best results.

If you are experiencing difficulty after completely following the setup instructions, SLP technical assistance is available online at the SLP website:

**[www.startinglineproducts.com](http://www.startinglineproducts.com)**

**or by phone at 208-524-3397**





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## **SLP Single Pipe Set for 2007-09 Arctic Cat F8**

### **P.N. 09-884**

Effective Date:1/22/2008

#### **Kit Contents:**

1 - Y-Pipe (#090-8721)	1 - Anti-Seize (#090-0146)	1 - Single Pipe (#090-8841)
8 - Allen Head Bolts (#090-699)	2 - Short Springs (#090-40)	2 - Rivet Washers (#090-44)
1 - Silencer (#090-2932)	2 - Spring Tabs (#090-697)	2 - Large Heads Rivets (#090-42)
1 - 30" Reflective Heat Tape (#090-31)		

#### **Read instructions carefully and completely before attempting installation.**

**Note:** Do not remove banding placed on the mid section of the pipe. It has been placed there to improve performance, reliability, and reduce noise emissions. Check tightness every 100 miles for the first 300 miles and periodically thereafter.

1. Carefully remove EGT probe from pipe. Remove stock pipe, y-pipe, y-pipe cylinder studs, and silencer. (Retain stock springs and gaskets for pipe installation).

2. From the rear of the silencer support bracket on the bottom outside of the bulk head measure back 1" and out 1 1/4" and mark. Using a 3/16" drill bit drill a hole and rivet a spring tab into place pointing in the 3 o'clock position if sitting on the sled (see illustration #1). Using the 3/16" drill bit remove the 3rd rivet back on the outside of the outlet plate then rivet spring tab into place pointing in the 11 o'clock position if sitting on the sled.

3. Install SLP silencer into the outlet hole and stock rubber mounts. Spring into place using supplied short SLP springs from spring tab's to silencer.

**Note:** Run a bead of high temp silicone such as Permatex® Ultra Black® (PX #82180) or Loctite® RTV Silicone 598™ around the stock outlet hole.

4. Install SLP Y-pipe (with it angled downward), using stock gaskets and supplied allen head bolts.

5. Apply heat tape to left hand front corner of the belly pan (see illustration #1).

6. Install the SLP Pipe and spring into place using the stock springs. Using supplied packet of anti-seize, coat threads of the exhaust temperature probe and re-install, torquing to 12 - 15 ft/lbs. It is very important to use anti-seize, and make sure not to overtighten the probe nut. Failure to follow these guidelines can cause damage to the probe during installation.

**Note:** Apply a bead of high temp silicone such as Permatex® Ultra Black® (PX#82180) or Loctite® RTV Silicone 598™, around all exhaust joints.

7. Check for hood clearance. The left hand side of the hood the ribs may need to be trimmed for 1/8" pipe to hood clearance. Apply heat tape to the area of the hood (see illustration #2).

**Illustration #1**



**Illustration #2**

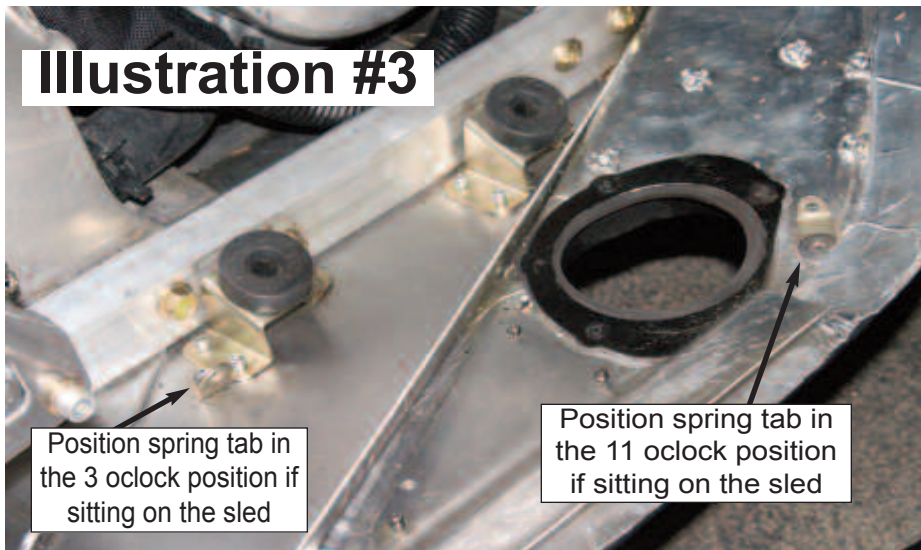
Rib may need to be trimmed. Cover rib area closest to the pipe with heat tape.



**Illustration #3**

Position spring tab in the 3 o'clock position if sitting on the sled

Position spring tab in the 11 o'clock position if sitting on the sled



## Arctic Cat F-8 EFI with SLP Single Pipe Set

**Fuel Requirement:** This pipe is compatible with the stock ECU on 2007-09 models. Other modifications including but not limited to: head modifications, increased timing, cylinder porting or intake modifications in addition to the pipe may require the use of an EFI control box.

**Fuel Requirement:** Minimum 91 octane pump fuel.

## Clutching for 2007-09 Arctic Cat F-8 EFI with SLP SLP Single Pipe Set

Altitude (feet)	Drive Clutch		Driven Clutch	
	Clutch Spring	Shift Weight	Clutch Spring	Driven Helix (Good)
0-3000 ft	Yellow / White #0646-229(Steel) #0646-379T (Titanium) (Stock)	77g MTX (#40-118) 1g rivet outer hole	Orange #0648-774 (Steel) #0648-776T (Titanium) (Stock)	46/40 (Stock)
3-6000 ft	Yellow / White #0646-229(Steel) #0646-379T (Titanium) (Stock)	74g MTX (#40-97) 1g rivet outer hole	Orange #0648-774 (Steel) #0648-776T (Titanium) (Stock)	46/40 (Stock)
6-8000 ft	Yellow / White #0646-229(Steel) #0646-379T (Titanium) (Stock)	71g MTX (#40-96) 2g rivet outer hole	Orange #0648-774 (Steel) #0648-776T (Titanium) (Stock)	46/40 (Stock)

## Running RPM 8000-8100

### 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 set 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 that 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.