

STRAIGHTLINE PERFORMANCE

121-253

2018-19 Ski-doo 600 RS E-Tec Snocross Race Set-up for P-Drive/TSS-04

Bill of Materials in Clutch Kit

- 1 P-Drive Primary Spring 200-380lbs (121-243)
- 3 Adjustable P-Drive Weight Kit (121-242)
- 1 P-drive Tungsten insert kit (121-246)

Checked by:

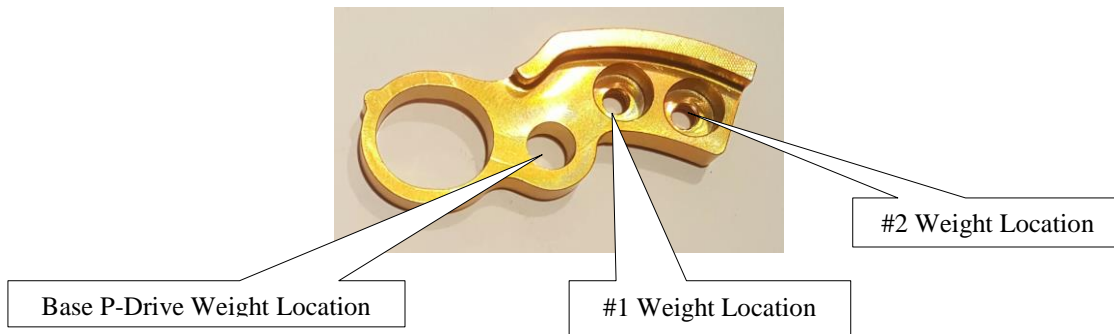
P-Drive Weight kit Assembly Items.

- 6- 10-32 x 3/8 Socket Cap Head Bolt – 1.8g
- 6- 10-32 x 3/16 Socket Cap Head Bolt – 1.3g
- 24- #12 Washer - .3g
- 3- Base/Main Bolt – 13.2-13.7g
- 12 - Magnet Weight – 1.3g

Settings:

Driven/Secondary Clutch	
Helix (Cam)	74/44.40
Spring	180/280 Torsional in Neutral Position
P-Drive Weight Setting	
Clicker	Position #3-4
Base Bolt	Weight – 15g-15.4g (long pivot bolt)
Hole #1	Weight - 5.9g-6.2g (2 tungsten and one 10/32 long tuning screw)
Hole #2	Empty

A Straightline Clutch kit should always be installed by a certified snowmobile professional. Improper setting or installation can cause the machine to perform incorrectly or engine damage.



Secondary Clutch installation instructions

1. Test the fitment of both hook of the spring in the golden thrust washer



Straightline Performance
 15250 Hornsby St NE
 Forest Lake, MN 55025 651-466-0212
www.straightlineperformance.com

STRAIGHTLINE PERFORMANCE

2. Install the spring in the driven

Reinstall the spring with the thrust washer and the spider in the pulley.



In order to properly assemble the driven you have to install the spring in the hole on the right side of the picture below (circled in red) whilst aligning the missing tooth on the spider and the shaft (marked with an X on both the spider and the sheave). The spring should be minimally twisted to fit in the assembly, this is referred as neutral position; the other two holes are used as a negative pre-load and a positive preload. We recommend you to use only the neutral position, unless you're familiar with the effect of the hook effect (riding with and without the hooks).



Facebook @ straightlineperformanceinc
Youtube @ straightlineperfinc
Twitter @ straightlineperf

Straightline Performance
15250 Hornsby St NE
Forest Lake, MN 55025 651-466-0212
www.straightlineperformance.com

STRAIGHTLINE **PERFORMANCE**



3. Install Helix and Reassemble



Facebook @ straightlineperformanceinc
Youtube @ straightlineperfinc
Twitter @ straightlineperf

Straightline Performance
15250 Hornsby St NE
Forest Lake, MN 55025 651-466-0212
www.straightlineperformance.com