



121-186
2004-07 Ski-Doo Rev 500ss 0-3000ft Clutch Kit

Recommended Settings:
Ramp Position # 3
Pin Weight: 16.6-17.5
Operating RPM – 8000-8100

Disassembly and reassembly instructions using the Straightline proper tools.

- 1. Remove the primary clutch using the proper puller. (ACS-13)
- 2. Remove the out half from the inner half of the TRA using the TRA clips. (151-100)
- 3. Install the primary spring compressor (151-101) and unbolt the spring cup and replace the stock spring with the new Straightline spring.
- 4. Install the new ramps (if your kit is using new Straightline ramps)
- 5. Remove the stock solid pin inside of the roller and re-install the new adjustable pin and set to the proper settings. (listed at the top of the page)
- 6. Assemble the clutch and re-install onto the snowmobile.
- 7. Remove the rear clutch and install onto the spring compressor (151-101) and remove the stock helix and secondary spring.
- 8. Inspect the rear buttons or roller and replace if broken or worn.
- 9. Re-install the new helix and spring.
- 10. Be sure to align the clutches after installation on the machine and always run the stock ski-doo belt designed for the machine. Changing belts may cause improper RPM and the clutch kit not to perform at the correct rpm.
- 11. The Straightline kit comes with an adjustable pin kit. If the machine is over revving ad one gram at a time to the adjustable pin until the proper rpm's achieved. If the machine is under revving remove 1g out of the pin at a time until the proper rpm is achieved. Straightline highly recommends changing pin weight over changing the clicker position to get tuning correct first.

Quantity	Item #	Descriptions	In Box
1	121-149	Primary Spring Gray 200-320lbs	
1	121-125	412 Ramps	
1	121-139	Medium Pin Kit	
1	SPI-13	SPI-13 Helix	
1	121-157	Secondary Spring Silver 185-320lbs	
1		Sticker	

Checked and Packaged By

Technical questions please email tech@straightlineperformance.com



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