



2018-2021 RZR RS1 Shift-Tek Clutch Kit

SKU(s): 402FP0048

	Stock	Stage 1	Stage 2	Stage 3
<i>Primary Spring</i>	Stock	Stock	Stock	Stock
<i>Hole 1</i>	2. 3/16 ss	2. 3/16 ss	2. 3/16 ss	2. 3/16 ss
<i>Hole 2</i>	2. 3/16 ss	2. 3/16 ss	2. 3/16 ss	2. 3/16 ss
<i>Hole 3</i>	0	0	0	0
<i>Hole 4</i>	0	0	0	0
<i>Hole 5</i>	0	0	0	0
<i>Secondary Spring</i>	Stock	Stock	Stock	Stock
<i>Helix</i>	ST 47 Straight	ST 47 Straight	ST 47 Straight	ST 47 Straight
<i>Operating RPM</i>	8200-8400	8200-8400	8200-8400	8200-8400
<i>Tire Size</i>	Stock 29"	Stock 29"	Stock 29"	Stock 29"
<i>Elevation</i>	0-3000	0-3000	0-3000	0-3000



NOTE: Always install a set screw on both sides of the weight arm. Install the screws with the provided blue thread locking agent. Make sure the screws are installed with an equal amount of thread engagement.

Helix Instructions:

- Step 1:** Remove clutch box cover, and CVT drive belt.
- Step 2:** With a 15mm socket and impact remove the secondary bolt.
Remove the secondary clutch.
- Step 3:** With a sharpie mark an orientation line on both sheaves of the clutch.
- Step 4:** Place the secondary clutch in a clutch compression tool.
(Figure 1)
- Step 5:** Remove (3) T-30 Torxs holding down the helix cover plate.
Slowly release the compression tool.
- Step 6:** Remove the helix plate cover, helix, limiter spacer and spring.
Check the (3) buttons for cracks. Replace if the buttons are damage.
- Step 7:** In this order install the spring, limiter spacer, NEW Helix, and helix cover. Compress everything in the compression tool and make sure all (3) threaded holes line up. You may have to adjust the cover slightly while compressing. (Figure 2)
- Step 8:** Reinstall (3) T-30 Torxs with blue Loctite. Torque to 12 ft-lbs.
- Step 9:** Reinstall the secondary clutch onto the machine. Torque the secondary bolt to 10 ft-lbs + 90* turn (Per Polaris service manual.)
- Step 10:** Reinstall CVT drive belt and turn the secondary till the belt is seated. Reinstall the clutch box cover.



(Figure 1)



(Figure 2)



INSTALLATION INSTRUCTIONS

Thank you for choosing Evolution Powersports products. If you require further assistance, please call our Tech Support @ (715) 247-3862

Note: This product is exempt from the emission standards and related requirements of 40 C.F.R. § 1051 as provided by 40 C.F.R. § 1051.620, and California law [e.g., vehicle code §§ 27156 and 38391]. This product is sold only for use in connection with EPA certified, purpose-built, nonroad vehicles used solely for closed course, nonroad competition/racing and not used for any recreational purpose or on public highways or right of ways maintained by and open to the public. This product is sold only in connection with machines that do not fall under state and/or federal noise or emission standards/regulations. Purchasers who/that purchase this product represent and warrant that the product is purchased only in connection with EPA -certified, emission-regulations-exempt and noise-regulations-exempt competition/racing vehicles as interpreted under applicable state and/or federal law. Questions: Call Evolution Powersports at (715) 247-3862.

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