

INSTALLATION INSTRUCTIONS Polaris RZR Clutch Kit

Item	Description	Qty
А	Stage 2 Primary Spring (similar to stock)	1
В	Stage 1 Primary Spring (aggressive)	1
С	Cam Weights	3
D	Rivets	3
E	Set Screw Weights, 5mm Lg.	3
F	Set Screw Weights, 12mm Lg.	10
G	Allen Wrench	1





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Although SuperATV has thousands of satisfied customers, user should be aware that installing lift kits, long travel, or suspension kits, tires, etc will change the ride of machine and may increase maintenance and part wear. Operating any off-road machine while, or after, consuming alcohol and/or drugs increases risk of bodily harm or death. No warranty or representation is made as to this product's ability to protect user from severe injury or death. SuperATV urges operators and occupants to wear a helmet and appropriate riding gear at all times.

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SuperATV will warranty only parts provided by SuperATV. Any damage or problems with OEM housings, bearings, seals, or other manufacturers products will not be covered by SuperATV. SuperATV parts and products are not warrantied if item was not installed properly, misused, or modified. Clutch removal from machine is optional. Clutch Kit can be installed either way. Instructions show Clutch removed.

REMOVAL:

Remove Key from Ignition. Keep all stock hardware.

- 1. Remove Seats and Seat Base. See Fig. 1.
- 2. Remove Rear Main Divider Panel.
- Remove (2) Plastic Rivets securing Clutch Air Duct to frame. See Fig. 2.
- 4. Remove (8) Screws securing Clutch Cover. See Fig. 2.
- 5. Remove Clutch Cover and Clutch Air Duct.
- 6. Remove Clutch and Belt. See Fig. 3.
- Remove Cover Plate, stock Spring, and Bushing. Use caution: Spring will be tensioned. See Fig. 4 and 4a.
- 8. From (3) locations, remove hardware and Cam Weights. See Fig. 5.





(Removal illustrations continued)







Proceed to general setup guide and tuning recommendations, pages 4 - 5

Tire size, modifications, rider preferences, and machine usage are all factors to consider when tuning Clutch Kit. Specifics for every application are not within SuperATV's testing scope. By experimenting with different weight and spring combinations, end user can achieve performance best suited for their riding needs and machine.

Spring Guide

Due to tire size, modifications, and machine usage, *only end user can determine spring preference*. Experimenting with Primary Springs (A) or (B) can yield very noticeable results.



Set Screw and Rivet Guide

Engagement RPM: RPM at which Drive (Primary) Clutch begins squeezing side of Belt.

Shift Point RPM: RPM reached at WOT (Wide Open Throttle) until Clutches have finished moving.

- At WOT, RPM's will climb to, and remain, until Clutches are done engaging.
- * Clutches will be done engaging near, but not quite, top speed of machine.
- * When Clutches finish engaging, engine will continue to climb a few hundred RPM's until Rev Limiter is reached, or engine has no more power to advance RPM's.

Example:

SPEED (MPH)		0	10	20	30	40	50	60	70
RPM	8000					Rev	7 imiter F	 =nasaes_	
	7000	_ Shift Po	Jinft						
	6000								
	5000					Summing	Complet	9	
	4000								Clutches
	3000					have finished engaging.			
	2000								
	1000	🤞 1600 R	PM engae	jement					

(illustrations and recommendations continue on following page)

More Heel Weight: lowers engagement RPM and machine will pull stronger on take off (big tires). More Tip Weight: lowers engagement RPM but will make upshifts harder. RPM shift points are also lower.

Tire Size	Tire Type	Rivet (D)	Set Screw Weights (E) or (F)	Qty
25"	Stock		12mm Lg. (F)	2
26" - 27"	SIUCK	Yes	12mm Lg. (F)	1
28"	Typical Mud		5mm Lg. (E)	1
28"	Extromo Mud	No	12mm Lg. (F)	1
29.5" and Up		INO	5mm Lg. (E)	1

(Installation shown on workbench. Weights and Springs may be installed on machine)



- 1. Consult table for initial setup and install appropriate components.
- 2. Install Cam Weights (C) into stock Clutch with stock hardware.
- 3. Refer to Spring Guide and install Primary Spring (A) or (B) and stock Bushing.
- 4. Reverse steps taken during removal and reinstall components to machine. Torque Clutch Center Bolt to manufacturers specs.
- 5. Test drive machine and note how machine performs with new Clutch Kit.
- If initial setup is not ideal for your riding needs, consult table and try a different combination of Set Screw Weights. Removal of the Clutch from machine is not required.

Use provided Allen Wrench (G) and install Set Screws until they bottom out. Do not over tighten.

