



4281 STISTED RD. S.
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CLUTCH KIT INSTALLATION

Your new Cudney racing clutch kit includes a new primary spring, a new RER secondary spring, a new RER teflon coated helix, adjustable set of pins and a decal.

To install the kit you must remove the primary clutch and the RER secondary from the motor and jackshaft. Remove the moveable half from the fixed post, then remove the governor cup from the clutch using the button retainer clips to hold the slider buttons of the clutch, then with the primary spring compressor tool remove the 3 spring cup bolts and let off the spring retaining tool to let the spring come out of the clutch, to install reverse this process and make sure the alignment arrows line up when reinstalling.

Next is to remove the 3 cotter pins from the 3 roller pins and remove the pins from the rollers and replace with the adjustable pins included in the kit and install the initial weight as described below for your particular model. (See Page 2)

Next using the same clutch spring compressor tool compress the secondary spring and remove the 2 half clips from the helix, slowly let off the compression tool and the helix can be removed along with the spring. Replace only the spring plastic cup and leave out the large plastic washer and install the new spring and helix with the compression tool.

Reinstall the primary clutch and secondary convertor and torque them in place. General changes are if the engine under revs remove pin weight and if it over revs add pin weight.

Initial change if needed, is if the motor over revs lower the clicker and if the motor under revs raise the clicker and remember some sleds like higher clicker numbers and some like lower clicker numbers with the same amount of weight.

If you have any questions please feel free to contact us via phone @ 705-685-7433 or by email at bill@cudneyracing.com

Thank you, for your Cudney Racing purchase!



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ADJUSTABLE PINS AND SET SCREW WEIGHTS

Pin	16.3gr. all except Mach Z which is 13.6gr
Short Set Screw	.8gr
Long Set Screw	2.1gr PER PIN
FIII Tripple 600 & 700	17.1 gr – 1 short set screw Set helix in B5
670 FZ/MXZ	17.1 gr – 1 short set screw Set helix in B5
600/800MXZ	17.1gr – 1 short set screw Set helix in B5
700 mxz	20.gr – 1 long and 2 short set screws
600HO non roller and roller	20.5gr - 2 long set screws
600 Mountain	20.0 gr – 1 long and 2 short set screw
800 MXZ (2002 & up)	18.4gr - 1 long set screw
800 Non HO	19.2GR - 1 long and 1 short set screw
800HO	19.2gr – 1 long and 1 short set screw
800HO roller	21.3gr – 2 long and 1 short set screw
800 Mountain Roller	20.0gr – 1 long and 2 short set screws
800 Mountain Formula Style	19.4gr – 1 long and 1 short set screw Set helix in B5
800R Mountain	17.1gr – 1 short set screw per pin
800R-144-FL	18.4gr – 1 long set screw per pin
Mach Z & 1000SDI Renegade	17.3gr - 1 long and 2 short set screws
Mach Z Tripple/RER	17.9gr – 1 long and 1 short set screw
Mach Z non RER	17.9gr – 1 short set screw