

SUMMIT 800 With roller secondary - 3500' TO 14000'ELEVATIONSUMMIT 800

S8R helix, S8R primary spring, 13g~19g gram pin
Use Stk TRA ramp/stock secondary spring/stock new skidoo drive belt/Use stock gears or lower.

Initial Setup:

17 grams on clicker 3 for 800PTK @ high elevations of 3500+
17 grams on clicker 4 for 800R @ 3500'~8000'
16 grams on clicker 4 for 800R @ 8000' +

Principles: *Flyweight determines rpms. Need more rpms = Reduce flyweight mass. Need less rpms = Add flyweight mass.

Principles: *Clicker number influences the "response" of the system. Need quicker response = Raise clicker #. Need engine to push harder = Lower clicker #

*******MAINTENANCE******* **(wear limit is 1.366)**

Confirm that you have the correct belt width (measure) - The belt is supposed to be 1.44~1.5 inches wide. Some belts with 166 number and white writings are 1-3/8 wide, this will contribute to high system temperatures from fluctuating rpms and poor belt deflection and only .009" away from the wear limit (100 miles or less left to wear limit) Latest update belt is 1.44~1.48 wide BRP#417300377

The difference between the 377 and 166 is the 377 is 4mm shorter and ideally will reveal less peak mph at full shift overdrive, however in lower track speeds of loaded condition of 25mph to 60mph, apply the correct flyweight to make the engine work the hardest without losing rpms – will reveal highest track speeds in your personal environment.

Or run the latest/greatest Carlisle 803 belt for 1.5" belt width. Any wide belt should be used for long belt life.

If have an 800R – **THEN, NOTE BUSHING WEAR** – The TRA7 is Notorious for premature bushing wear do to inferior materials and narrow bushing width. Visually inspect the coating of the 2 bushings for wear. Using a bore gauge, measure the inner diameter of the bushings – Measure point must be 5mm (1.4") from the bushing edge.

*Spring Cover bushing – Replace bushing or cover if the inner diameter is a **30.40mm(1.197 in)**

*Sliding sheave bushing – Replace bushing if inner diameter is **40.30mm (1.587")**

TROUBLESHOOTING

When contacting me about troubleshooting technical help, please use the Support form at www.mxzx-revzone.com

or

Can phone me at 807.346.9701