

Help with self directed tuning

Items to discuss

Low top speed

performance good in the bottom end but lacked in the top end

Rpms excessive during the entire run

Feel vibration in my feet under w.o.t.

Acceleration diminishes at 85mph, slow to 95mph

When you quickly cycle the throttle - Engine is slow to rev/accelerate

High rpms

Feels like it could pull harder

Engine rpms hitting rev limiter

Fluctuating rpms

Deflection

Low rpms then drift to correct (engine hang momentarily on a low rpm, then accelerate?)

High rpms off start, then drop off, then climb again (Fluctuating rpms due to overshift / undershift)

Rpms fluctuating under load

Too much track spin off the line

Rpms drift low - Check Thermostat (coolant shock)

600sdi - come around corner and throttle on, low rpms..then climb.

Compression difference causing difficult calibration - link over to clutching iq page on "chasing a worn engine"

Reeds causing difficult calibration

Bushing Fitness

Primary clutch TRA lever roller bushing wear

High belt dust (bushing fitness)

Secondary roller bushing dents / flatspot

Hot secondary, remove windage trays

Hot secondary

2007 800R Summit problems

Sticking arms, rollers

Change primary spring cup-cover

thermostat issue

Low rpms due to non-resistant spark plugs

Thin belt

Long belt

Changing belt brands hard to soft

Flyweight - correct? Over rev

Under rev

Clicker - aftermarket quick clicker scenario

3 cool sheaves, 1 hot

Feels good at 8200, but supposed to be 8000 (tach error)

Feels good at 7900, but supposed to be 8100 (tach error)

TEST

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