

ULTRASHIFT PRO R AOP-1 SETUP CHART

The chart below is a guideline with very close start points with 32" tires riding at Sea Level elevation. (choose the Crankshaft horsepower/Wheel horsepower that best matches your vehicle) (Identical cars may have HP differences of up to 10 HP due to engine manufacturing tolerances so clutch kit calibration adjustments are necessary in most cases)

For High Altitudes- subtract 15% from the Published HP range of your tune to get actual effective HP. **Example - 200 CHP (at sea level) x .85 = 170CHP (use the 175CHP line in the chart below as your baseline setting)**

For sand dunes or large tires (35"+)- subtract 8% from the Published HP range of your tune to get actual effective HP. **Example - 200 CHP x .92 = 184CHP (use the 175CHP line in the chart below as your baseline setting)**

For tires 28" and smaller- Add 8% from the Published HP range of your tune to get actual effective HP. **Example - 200 CHP x 1.08 = 216CHP (use the 215CHP line in the chart below as your baseline setting)**

For Launch Control - install the HIGH ENGAGEMENT primary spring (Sold Separately) as it is a high engagement spring and will raise engagement RPMS. Add 2 thick magnets to the suggested settings in the chart below compensate shift RPM for additional HIGH ENGAGEMENT spring pressure.

Crankshaft horsepower (CHP) /Wheel horsepower (WHP)	# of Cam Arms	# of Magnets per Cam arm	Pivot bolt	Clicker setting	Primary spring	Secondary spring / Helix	Belt Recommendation	Full throttle RPM at 55mph		
225CHP/195WHP	3	2 in mid 0 in tip	25mm ONLY! ANY LONGER BOLT WILL JAM CAUSING DAMAGE	Position #3 (Factory Setting)	STANDARD	OEM HELIX- KWI Black/Orange secondary spring	OEM	8150 RPM +/- 100 RPM)		
255CHP/225WHP	3	4 in mid 0 in tip								
290CHP/250WHP	3	4 in mid 2 in tip								
330CHP/275WHP	3	4 in mid 4 in tip								
360CHP/310WHP	4	2 in mid 1 in tip		POSITION #2				OEM HELIX- KWI Black/Blue secondary spring (sold Separately)		8400 RPM +/- 100 RPM (AFTERMARKET TURBO KIT)
400CHP/350WHP	4	2 in mid 1 in tip								
500CHP/450WHP	4	4 in mid 2 in tip								
600CHP/550WHP	6	2 in mid 1 in tip								