

ULTRASHIFT XP AOP-1 SETUP CHART

The chart below is a guideline with very close start points with 30-33" 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			
200CHP/175WHP	3	2 in mid 0 in tip	25mm ONLY! ANY LONGER BOLT WILL JAM CAUSING DAMAGE	Position #3 (Factory Setting)	STANDARD	OEM HELIX- KWI secondary spring (KWI WHITE spring for all secondary clutches except 2016-2020 XPT and Turbo S) (2016-2020 XPT and Turbo S use the OEM spring)	OEM	8550 RPM +/- 100 RPM)			
225CHP/195WHP	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							8900 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									