

ULTRASHIFT X3 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 X3) (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 per cam arm 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 / hole	Belt Recommendation	Full throttle RPM at 55mph
120CHP/100WHP	2	2 in mid 2 in tip	25mm ONLY! ANY LONGER BOLT WILL JAM CAUSING DAMAGE	Position #3 (Factory Setting)	STANDARD	OEM TURBO RR HELIX- OEM TURBO RR Black/Green secondary spring in hole #3 (60 degrees wrap)	CANAM X3 USES A LONGER BELT THAT IS COMMERCIALY AVAILABLE FROM MANY MANUFACTURERS- SEE RECOMMENDATIONS BELOW GATES – 49R4313 - FIRST CHOICE AND MOST DURABLE BELT BY FAR, THE ONLY CHOICE FOR AGGRESSIVE RIDING AND RACING, EASILY WITHSTANDS 260 DEGREE BELT TEMPS. ULTIMAX - USX804 – THIS IS THE GOTO BELT FOR DRAG RACING WITH YOUR ULTRASHIFT! BRP – 417300189 - GOOD BELT FOR CRUISING, NOT AS STRONG AS THE GATES BELT DAYCO – XTX5041 – A GOOD ALTERNATIVE IF THE ABOVE ARE NOT AVAILABLE	7950 RPM +/- 100 RPM (ALL OEM TURBOS)
152CHP/130WHP	3	0 in mid 0 in tip				KWI DR3 GROOVIX - OEM TURBO RR Black/Green secondary spring in hole #3 (60 degrees wrap)		
175CHP/165WHP	3	1 in mid 0 in tip				OEM TURBO RR HELIX- OEM TURBO RR Black/Green secondary spring in hole #4 (30 degrees wrap)		
195CHP/175WHP	3	1 in mid 0 in tip				FOR KWI DR3 GROOVIX- OEM TURBO RR Black/Green secondary spring in hole #2 (35 degrees wrap)		
215CHP/185WHP	3	2 in mid 0 in tip				KWI DSS (Dual Spring Secondary) WITH DR3 GROOVIX- OEM TURBO RR Black/Green secondary spring in hole #2 (35 degrees wrap) and dual spring installed.		
225CHP/195WHP	3	3 in mid 0 in tip						
255CHP/225WHP	3	4 in mid 0 in tip						
265CHP/230WHP	3	4 in mid 0 in tip						
290CHP/250WHP	3	4 in mid 1 in tip						
330CHP/275WHP	3	3 in mid 0 in tip						
360CHP/310WHP	4	2 in mid 1 in tip						
400CHP/350WHP	4	3 in mid 1 in tip						
500CHP/450WHP	4	4 in mid 3 in tip						
600CHP/550WHP	6	2 in mid 1 in tip						