



Magnus Detailed Engine List

- All pistons are available in any custom bore size and custom compression ratio's
- Headgaskets available are up to 87mm larger bore sizes must source own gasket
- We recommend steel rods for anything up to 800HP
- Anything above 800 hp we recommend aluminum rods and our 23mm Pin upgrade
- Anything running above 9500 RPM must use our valve springs

Motor	Displacement	Bore (approx)	Block	Crankshaft	Stroke	Rod Material	Rod Length	CH	Rod Ratio	Recomm. Rev Limit
2.0L	2020cc	85.5mm	4G63	OEM or Magnus	88mm	Alum or steel	150mm	1.377"	1.7:1	10,500
Excellent, high rpm performance, light weight piston										
2.0L Long Rod	2020cc	85.5mm	4G63	OEM or Magnus	88mm	Alum or steel	156mm	1.13"	1.77:1	11,000
Excellent, high rpm performance, light weight piston										
2.1L Super Long Rod	2070cc	87mm	4G64	Magnus	88mm	Alum or steel	162mm	1.13"	1.84:1	11000
Very peaky engine highest possible rod stroke ratio										
2.2L Stroker	2140cc	86mm	4G63	Magnus	92mm	Alum or steel	150mm	1.288"	1.63:1	9500
Flat broad power band, our favorite all purpose motor!										
2.2L Super Long Rod Stroker	2190cc	87mm	4G64	OEM or Magnus	92mm	Alum or steel	162mm	1.062"	1.76:1	10500
High Rpm extreme duty motor, excellent power, wide power band										
2.3L Stroker	2300cc	85.5mm	4G63	OEM or Magnus	100mm	Steel	150mm	1.13"	1.5:1	8000
Big low end torque										
2.4L Stroker	2380cc	87mm	4G64	OEM or Magnus	100mm	Steel	150mm	1.13"	1.5:1	7500
More displacement and power than the 2.3										
2.4L Long Rod Stroker	2380cc	87mm	4G64	OEM or Magnus	100mm	Steel	156mm	1.13"	1.56:1	8500
More RPM limit than standard 2.4L lighter piston										