

Reher-Morrison RACING ENGINES

632 All Aluminum-12° BBC

ENGINE SPECIFICATIONS	
Carburetor	88-92 Square jetting (Most engines come off the dyno with these jets. Re-jet as required for your location and weather conditions). Go 4 to 7 numbers bigger w/Q-16.
Converter	6000-6300 RPM Stall speed (Call RMRE's Parts Department. They can assist you in purchasing the ideal torque converter for your engine and car combination).
Distributor - (Information @ right pertains to crank trigger systems)	If connecting to a MSD ignition box: Normally connect the purple wire to Mag(+) terminal and green wire to Mag(-) terminal. Check at IDLE ONLY with a timing light. If light fires when magnet is AT the transducer...OK. If light fires BEFORE the magnet reaches the transducer...REVERSE the wiring.
Fuel (Gasoline)	VP Racing Fuels C-15 or equivalent (7-9 PSI fuel to the carburetor).
Headers	2-3/8" Primary tubes or 2 1/4" to 2 1/2" step (28-32" long) w/4 1/2" collector (12" long).
Oil	We suggest a good quality 10W-30 synthetic racing engine oil.
Oil Pan	8 Quarts of oil total (This includes the filter).
Rings	AP Steel top rings are gapped @ .023" minimum/2nd rings are gapped @ .028".
Spark Plugs	Gapped @ .025-.035".
Timing, Cam	Cam phased in the engine 2-3° advanced (112.5-113.5° Intake centerline).
Timing, Ignition	28-30° Total (More than 30° not recommended). If running Q-16 add (.5°) timing.
Valve Lash	.023" Intake/.023" Exhaust (HOT!) 130°F
TORQUE SPECIFICATIONS	
Cam Bolts	For belt drive 25 Ft.Lbs. w/Loctite (1). Center bolt left hand thread 70 Ft.Lbs. w/Loctite (1)
Rod Bolts	ARP2000 90-100 Ft.Lbs.. w/Oil (3)
Main Studs	Studs: Straight 95 Ft.Lbs.; Angle 85 Ft.Lbs. w/Extreme Pressure Lube #3 (5)
Head Studs (16)	Long & Under Valve Covers 70 Ft.Lbs. (Silicone under port washer). Short below exhaust port 65 Ft.Lbs. w/Extreme Pressure Lube #3 (5). Inner Valley Bolts 40-45 Ft.Lbs. w/Oil (3)
Oil Pump Bolts	60-65 Ft.Lbs. w/Loctite (1)
Rocker Stand Bolts	Intake open to port 55 Ft.Lbs. w/Liquid Teflon Sealant (4). Intake Blind Hole 60 Ft.Lbs. w/Oil (3). Exhaust 65Ft.Lbs. (If open to water use silicone to seal; If blind use oil (3).
Rocker Shaft Bolts	25 Ft.Lbs. w/Oil (3)
NOTES	
<p>(1) Loctite Threadlocker #271 (Red). (2) Moly Assembly Lube (MoS₂ molybdenum disulfide). Available from our Parts Department in 2oz. Pkgs. (P/N 99002-1) (3) Recommend using Non-Synthetic 50W Motor Oil for best torque results. (4) PST Pipe Sealant w/PTFE is available from our Parts Department in 50ml. tubes. (P/N 592) (5) Extreme Pressure Lube #3. Available from our Parts Department in 4oz. Tubes (P/N 909-002)</p>	