

Reher-Morrison RACING ENGINES

23°-427 SBC

ENGINE SPECIFICATIONS	
Carburetor	76-82 Staggered jetting (Most engines come off the dyno with these jets. Re-jet as required for your location and weather conditions). Power valve in primary side.
Converter	5800 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-12 or equivalent (7-9PSI fuel to the carburetor).
Headers	1-3/4" to 1-7/8" Primary tubes (30-32" long) w/3-1/2" collector (12" long).
Oil	We suggest a good quality 10W-30 synthetic racing engine oil.
Oil Pan	7 Quarts of oil total (This includes the filter).
Rings	Top rings are gapped @ .021"/2nd rings are gapped @ .023".
Spark Plugs	Gapped @ .030-.035".
Timing, Cam	Cam phased in the engine 3-4° advanced (108-109° Intake centerline).
Timing, Ignition	39-42° Total (More than 42° not recommended).
Valve Lash	.024" Intake/.024" Exhaust (HOT!) 130°F
TORQUE SPECIFICATIONS	
Cam Bolts	For chain drive assembly. 25Ft.Lbs. w/Loctite (1)
Rod Bolts	ARP2000 65Ft.Lbs. w/Oil (3)
Main Bolts	70Ft.Lbs. w/Oil (3). Rear cap 100Ft.Lbs. w/Oil (3)
Head Studs	Long studs 70Ft.Lbs. /Short studs 65Ft.Lbs. w/Moly Lube (2)
Oil Pump Bolts	55Ft.Lbs. w/Loctite (1)
Windage Tray Nuts	40-45Ft.Lbs. w/Loctite (1)
Rocker Arm Studs	60Ft.Lbs. w/Liquid Teflon Sealant (4)
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)</p>	