ReherMorrison RACING●ENGINES

23º-583 BBC

ENGINE SPECIFICATIONS	
Carburetor	92-94 Square jetting (Most engines come off the dyno with these jets. Re-jet as required for your location and weather conditions).
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-14 or equivalent (7-9PSI fuel to the carburetor).
Headers	2-1/4" to 2-3/8" Primary tubes (28-32" long) w/4-4 ½" 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	Top rings are gapped @ .023"/2nd rings are gapped @ .028".
Spark Plugs	Gapped @ .025-.035".
Timing, Cam	Cam phased in the engine 2-3º advanced (111-112º Intake centerline).
Timing, Ignition	36º Total (More than 36º not recommended).
Valve Lash	.025" Intake/.025" Exhaust (**HOT!**) 130ºF

TORQUE SPECIFICATIONS	
Cam Bolts	For chain drive assembly. 25Ft.Lbs. w/Loctite (1)
Rod Bolts	ARP2000 90-100Ft.Lbs. w/Oil (3)
Main Bolts	100-110Ft.Lbs. w/Oil (3)
Head Studs	Long 7/16" studs 70Ft.Lbs. /Short 7/16" 65Ft.Lbs. w/Moly Lube (2) Inner Valley Stud Nut 40-45 Ft.Lbs. w/Oil (3)
Oil Pump Bolts	60-65Ft.Lbs. w/Loctite (1)
Rocker Arm Studs	65Ft.Lbs. w/Liquid Teflon Sealant (4)

NOTES

(1) Loctite Threadlocker #271 (Red).
(2) Moly Assembly Lube (MoS$_2$ 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)