



NASCAR-Approved Spec Engine Maintenance & Care Recommendations

- Timing needs to be set at a maximum of 29 degrees @ 4000 RPM. This is a fast burn combustion chamber and doesn't require a lot of timing.
- When running unleaded fuel, take out 1-2 degrees of timing (28 or 27) and go up 1 -2 jet sizes based on humidity (87 or 88).
 - Firing order is 1-8-7-2-6-5-4-3
 - Recommended maximum RPM is 7500 sustained and 7800 at shift.
- Bleed water pump at small fitting next to water outlet and back fittings on heads.
- When using a locked advance distributor, while spinning the engine over, turn on the ignition switch. This will eliminate kick-backs resulting in ring gear and starter damage.
 - Use ground straps from engine to frame and frame to battery.
- Recommended oil of either 30 or 40 weight. Be sure the oil is racing-specific oil with a high zinc content. Running a break-in oil for the first test or dyno session is also suggested but not required.
- Take the time to properly warm up the engine prior to running. It may take 15-20 minutes at idle speed to do so. Use of an oil tank heater with external heaters is recommended.
 - Use equivalent space plug heat range to Autolite # 473.