

Action Sprint Tour 602 Crate Sprint Engine Rebuild Specifications

Machining of the engines are strictly limited to the following:

- MAX Cylinder Bore .030
- Max. Cylinder head Milling .010" or minimum 61 cc. combustion chamber volume
- BASIC 3 Angle Valve Job Only
- Crankshaft regrind maximum .020" on the throws and mains.
- Distributor vacuum advance can be locked out

The following machining or modifications from stock will NOT be allowed:

- NO Decking of Blocks
- NO Shimming of Valve Springs
- NO Degreeing of Camshaft (NO Offset Keys Or Bushings)
- NO Re-Balancing Of Crankshaft
- NO Valve Seats
- NO Grinding of Intake & Exhaust Ports (MUST BE STOCK)

In addition to the above machining allowed, the following parts will be allowed as alternative the Stock GM parts in order to help save the drivers money:

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| ● Rings | Sealed Power | E-921k .020 or .030 |
| ● Rings | Hastings | 2M4860 Std., .020", .030". |
| ● Connecting Rods | Eagle | SIR 5700BPLW (Press Fit Only) |
| ● Cam Bearings | Clevite | SH-1349S or SH-290S (Only option other than OEM) |
| ● Gasket Kit | GM Perf. | 19201171 (Only option other than OEM) |
| ● Lifters | Sealed Power | HT-817 (Only option other than OEM) |
| ● Valve Springs | GM Perf | 19154761 (Only option other than OEB) |
| ● Rod Bearings | Clevite | CB-663P, CB663P-10, CB663A, CB663A-10, CB663P-20 and CB663A-20 |
| ● Main Bearings | Clevite | MS-909P, MS909P-10, MS909A, MS909A-10, MS909P-20 and MS909A-20 |
| ● Timing Chain Set | Cloyes | 9-3100 |
| ● Oil Pump | Melling | M55, M55HV, M155, M155HV |

Piston and Camshafts:

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| ● Piston Over-Bore Only | Sealed Power | H815DCP.20 or .30 |
| ● Piston Standard Bore Only | Silvolite | 3470HC.STD |
| ● Camshaft | Gm Perfor. | 24502476 |
| ● Crate Sprint Engine Tag/Seal kit | | |

List of tech procedures that may be carried out by tech officials:

- Compression Test Whistle to 9.5:1 Max
- Camera Crate Sprint Inspection of Piston thru Exhaust Valve or Spark Plug
- Rear Cam Plug Crate Sprint Inspection
- Valve Spring Weight Inspection 66g +/- 4 grams
- Valve Weight Inspection Intake 111 grams Exhaust 94 grams +/- 4 grams
- Rocker Ratio Inspection
- Carburation Inspection (Throttle Body,Venturi / Booster /Metering Block)
- Hydrometer Fuel Inspection
- Verification of Tag & Builder