



**Bowman Gray Stadium
Sportsman Division Technical Bulletin**

Appendix A (Will be Included in 2026 Bowman Gray Stadium Rulebook)

Updated: November 10th, 2025

Teams may choose from the following three (3) different Engines until December 31, 2026.

1. Option 1 - GM Performance 603
 - a. Must maintain original factory serial numbers for all parts.
 - b. Must use the Holley 390 cfm carburetor, model 4150.
 - c. Car weight shall be a total weight of 3050 lbs with driver.
 - d. Left side weight shall be a maximum of 56% of the total weight.
 - e. Must conform to the GM Performance Parts Circle Track Crate Technical Manual.
 - f. Only these rebuild components may be used.
 - i. Mahle part # 224-3497-030 is the approved piston.
 - ii. Competition cam valve springs - part # 26975-16.
 - iii. Total Seal piston rings, part number CR6264 or CR6264-5.
 - iv. Main and rod bearings may be replaced with standard "P" bearings with no coating, heat treating or narrowing.
 - v. Harmonic balancer must be stock GM part # 12551537.
2. Option 2 - GM Performance 603 (**NASCAR Officials must approve all upgrades**)
 - a. Must maintain factory Bore and Stroke.
 - b. Must maintain stock GM cam and lift.
 - c. Must maintain stock GM valves.
 - d. Stock GM casting numbers must be on the heads.
 - e. Stock GM casting numbers must be on the block.
 - f. Stock GM Intake must be used.
 - g. Stock GM balancer.
 - h. Must use the Holley 390 cfm carburetor, model 4150.
 - i. Oil pan must be sealed by NASCAR officials. All lower bottom end of motors must be inspected and approved
 - j. A 6500-rpm limiting chip is required in the ignition box at all times.
 - k. Minimum vehicle weight is 3,350 lbs with driver. Must maintain 56% left side weight.
3. Option 3 - GM Performance 602 (***The GM Performance 602 Crate Engine will be the only engine permitted beginning January 1, 2027. Carburetor TBD.***)
 - a. Must maintain original factory serial numbers for all parts.
 - b. Car weight shall be a total weight of 2,950 lbs, with driver.
 - c. Left side weight shall be a maximum of 56% of the total weight.

- d. Must conform to the GM Performance Parts Circle Track Crate Technical Manual.
- e. Carburetor options
 - i. Holley 390 cfm
 - ii. Holley 500 cfm
 - iii. Holley 650 cfm
- f. The following alternate rebuild components may be used:
 - i. Top dish pistons only.
 - ii. Silvolite part # 34708C.
 - iii. Sealed Power parts # H815DEP
 - iv. Eagle rods, part number SIR5700BPLW may be used.

All engines must have holes and two bolts side by side on the front, right (passenger) side of the oil pan for seals.

Beginning in 2027 the only engine permitted will be the 602 Crate Engine. Carburetor TBD