



2021 OLD or TRUE WALL MOTORS

RULES AND SPECIFICATIONS

COMPRESSION

- Old Wall Motor 10 : 1
- A hole must be drilled in the bell housing in order to turn the engine over to check compression.

VALVES

- World headed motors only
- Titanium retainers and locks permitted.
- **Steel valves only**, NO TITANIUM VALVES ALLOWED
- Minimum valve stem size – *5/16" minimum*
- No altering of valve guide angle or location.
- Stock valve angles and spacing

LIFTERS and CAMS

- All camshaft timing drive systems allowed.
- Steel billet camshafts are allowed.
- Flat tappet camshafts allowed.
- NO ceramic lifters allowed.
- NO Schubeck lifters allowed.
- Steel lifters ONLY—Chevy .842, Ford .875, Chrysler .903
- Steel laser drilled lifters allowed
- Stock lifter bore.

CYLINDER HEADS

- Ford and Chevrolet must run steel heads manufactured by World Products.
- Chevrolet: Must use part # 4361.
- S/R 1052, early style 67 cc with 1.940 intake and either 1.500 exhaust valves or machine head to accept 1.600 exhaust valves.

- Ford: Must use the Windsor Jr. part # 5303B, 58 cc with 1.940 intake and 1.600 exhaust valves.
- Chrysler: Must use Mopar # PS007140 with 1.925 intake and 1.625 exhaust valves. No modifications or alterations allowed on the cylinder heads.
- Ford and Chevrolet: twenty three (23) degree angle
- Chrysler: eighteen (18) degree angle.
- No Epoxy or welding in ports.
- No offset head dowel pins allowed.
- Cylinder head design *must* be stock.
- Ford and Chevrolet -porting 180 cc Max polishing.

	<u>Chevrolet</u>	<u>Ford</u>	<u>Chrysler</u>
Intake cc	172 cc	174 cc	180 cc
Exhaust cc	67 cc	67 cc	

INTAKE MANIFOLD

- Edelbrok Performer intakes only
- Chevrolet part # 7101, Ford Part # 7181, Chrysler part # PS007381.
- 2" spacer Old Wall Motor, 10 : 1 compression.
- Gasket surface can only be cut to meet head.
- No porting, polishing or other alterations allowed.
- Planing of bottom to match head **will be** allowed.
- MUST REMAIN STOCK.

THESE ARE THE GENERAL GUIDELINES FOR OLD,"TRUE" WALL CARS.

IF THESE RULES DO NOT CLEARLY SAY THAT SOMETHING IS LEGAL, ASSUME IT IS NOT PERMITTED.

Questions? Call us at 732-681-6400.