

2021 Wall Stadium Speedway Modified Spec Motor Parts List and Specifications

PARTS IN BLUE MUST BE USED PARTS IN GREEN ARE RACER'S CHOICE

Part	Part #	Optional #	Specs and other important information
BLOCK	Any GMO 010	Dart # 31161111 Blue Print Engines #BPS B4000200W	Max overbore .40. MUST maintain stock dimensions. NO angle milling of deck. No offset dowel pins. NO roller cam bearings. Camshaft journal size 1.868 inches only. Lifter bores may be sleeved. Sleeved bores must maintain stock .842 inch diameter. NO relocating the head. Pan rail MUST Maintain stock width. NO internal coatings of any kind.
CRANK	MANLEY 191900 WALL	NONE	As Cast. NO lightening of any kind. 2.100 inch Rod Journals. 3.5 inch Main Journals. 46 pounds. Drilling for balance only. Crank will be laser etched by Manley will Wall Stadium identifier.
PISTONS	MANLEY 591630WALL-8 MANLEY 591635WALL-8 MANLEY 591640WALL-8	NONE NONE NONE	Pistons will be laser etched by Manley with Wall Stadium identifier. NO modifications permitted.
RINGS	Any Manufacturer	N/A	
RODS	MANLEY 14354WALL-8	MANLEY 14034WALL-8	Rods will be laser etched by Manley with Wall Stadium identifier. No modifications permitted.
BALANCER	ATI917781	NONE	NO modifications permitted
HEAD	DART 10310010PF	NONE	As cast. NO porting or grinding anywhere. Surface can be milled for compression 12.0 to 1 max.
INTAKE Valve	MANLEY 11544-8	11316-8	Diameter 2.020 inches. Stem diameter 11/32 inches. Steel valve.
Exhaust Valve	MANLEY 11865-8	11321-8	Diameter 1.600 inches. Stem diameter 11/32 inches. Steel valve.
VALVE SPRING	Any Manufacturer	N/A	Any steel spring.
Retainers/Keepel	Any Manufacturer	N/A	Any steel or titanium.
PUSH RODS	Any Manufacturer	N/A	Magnetic steel only.
ROCKERS	JESSEL Shaft KPS-01001	any brand	Any ratio. Stud mounted permitted if not using Jessel number. No relocating of any mounting
CAM	Any Manufacturer	N/A	Any flat tappet or roller permitted. Max lift .700 inches. Stock lifter bore and cam journal sizes. Must maintain stock firing order 1-8-4-3-6-5-7-2.
Timing Chain	Any Manufacturer	N/A	Timing chain only. No belt drive systems.
OIL PUMP	Any Manufacturer	N/A	Internal stock type pump only.
OIL PAN	Any Manufacturer	N/A	1 inch inspection hole must be provided. It is the racer's responsibility to place the hole in a readily
Oil Pump Pick up	Any Manufacturer	N/A	
Starter& Flywheel	Any Manufacturer	N/A	153 Tooth flywheel ONLY. Starter must remain in stock location. Steel safety bellhousing ONLY.
Intake Manifold	Edelbrock 7501	NONE	As cast. MUST remain stock.
CARBURETOR	Holley 4412	NONE	
SPACER	Any Manufacturer	N/A	Maximum 1 inch.
DISTRIBUTOR	Any Manufacturer	N/A	HEI Only. Must have only 3 (three) wires cap to distributor.