



D347SR
Sealed Racing Engine



Horsepower - 415 @ 6000 RPM
Torque – 400 lb.ft. @ 4900 RPM

Competes directly with GMPP “604” Crate

**TRUE
 BLUE.**

Real POWER
Real PERFORMANCE
Real SUBSTANCE

Real VALUE

Ford Racing offers factory engineered parts for the Sportsman Circle Track racer. Ford Sealed Racing Engines are built to professional racing series standards and deliver reliable lasting performance. These aren't built from repackaged production parts – but real racing parts like Forged Crank, Rods and Pistons with full floating piston pins. Based on the BOSS 302 race block this engine delivers reliable and consistent performance lap after lap.

The D347SR is approved in these major Racing Series:

- ASA Late Model Series
- ASA Southeast Tour
- CRA
- SUPERPRO Late Model Series
- GAS – Georgia Asphalt Series
- FASCAR

Compare Critical Engine Components

	Ford Racing D347SR	GMPP "604"
Block	M-6010-BOSS 302 Premium Race Block	GM PN 10105123 Production Based Block
Crankshaft	SCAT Forged - Fully Balanced	Forged Steel
Connecting Rods	SCAT Forged Steel Floating pin w/ bushed rod	Production Powdered Metal Pressed Pin
Pistons	Mahle Forged	Production Cast
Required Fuel	No restriction	Unleaded only



RACING

Ford Racing M-6007-D347SR

Block	M-6010-BOSS302
Bore diameter	4.03"
Main saddle diameter	2.4415"
Main cap torque	100 Inner 35 outer
Main cap material	Nodular Iron
Bore spacing	4.380"
Block deck height	8.200"
Material	Iron
Weight	175 lbs
Part Number	M-6010-BOSS302
Main bearing manufacturer	Clevite
Main bearing part numbers	Clevite MS590 H
Intake Manifold	Edelbrock Victor Jr.
Crankshaft	SCAT
Main journal size	2.250
Rod journal size	2.123
Stroke	3.4
Material	Forged Steel
Weight	49.0 +/- 0.5 lbs.
Balance offset	Neutral balance
Part number	M-6303-C340
Crankshaft manufacturer	SCAT
Connecting Rod	SCAT 2-1CR5400-927
Center to center length	5.400
Big end diameter	2.2394
Small end diameter	0.927
Material	Forged Steel
Floating or press fit	floating
Rod Cap Screw	ARP 8740 3/8"
Connecting rod cap torque	50 lb.ft. w/ ARP moly lube
Rod bearing manufacturer	Clevite
Rod bearing part numbers	CB634H
Piston	Mahle
Bore	4.03
Dish or dome volume	6 cc effective dish
Ring set part number	Mahle 4035MS-15
Compression height	1.09"
Pin oiling type	ring
Pin bore diameter	0.927
Piston part number	SBF090030F06
Piston material	forged aluminum 4032

Timing set	M-6268-A302
Cylinder head	M-6049-Z304DA
Head material	Aluminum
Intake valve part number	Ford Racing M-6507-A304
Intake valve length	5.340"
Intake valve material	stainless steel
Intake valve stem diameter	0.343"
Exhaust valve part number	Ford Racing M-6505-B304
Exhaust valve length	5.365"
Exhaust valve material	stainless steel
Exhaust valve stem diameter	0.343"
Valve spring part number	M-6513-BH
Valve spring installed height	1.800"
Valve spring closed pressure	130 lbs.
Valve spring open pressure	313 lbs @ 1.175"
Retainer material	steel
Retainer Part Number	M-6514-BH
Valve spring locator	M-6536-BH
Valve lock angle	10 degrees
Valve lock manufacturer	Comp Cams
Valve lock part number	M-6518-BH (Comp 614-1)
Valve stem seal part number	M-6571-B221
Rocker stud part number	ARP DRP-154
Pushrod guide plate part number	M-6566-Z304D
Valve cover part number	M-6582-E302P
Camshaft #	M-6250-F303
Camshaft	Hydraulic roller
Base circle diameter	N/A
Advertised duration Intake	288°
Advertised duration Exhaust	288°
Duration @ .050 Intake	226°
Duration @ .050 Exhaust	226°
Valve lift intake	0.528 (w/ 1.65 Rocker)
Valve lift exhaust	0.528 (w/ 1.65 Rocker)
Int./Exh. Centerlines	109° Intake/119° Exhaust
Lifter type	Hydraulic roller
Lifter part number	M-6500-R302
Pushrod length	6.500"
Pushrod part number	Trend T650805
Pushrod diameter	0.312"
Rocker arm type	Aluminum - Full Roller
Rocker arm ratio	1.65:1
Valve lash	0

*Want to learn more about Ford Sealed Racing Engines
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