

600 HP / 580 LB-FT
6.7L / 408 CID

525 HP / 510 LB-FT
6.1L / 370 CID

450 HP / 450 LB-FT
6.1L / 370 CID

*Premium 91 Octane Pump Gas,
Choppy Idle, Borderline Vacuum
for Power Brakes, Tuning Required*

*Premium 91 Octane Pump Gas,
Rough Idle, Borderline Vacuum for
Power Brakes, Tuning Required*

*Premium 91 Octane Pump Gas,
Noticeable Idle, Enough Vacuum
for Power Brakes, Tuning Required*

Block: Cast Iron LQ4

Bore/Stroke: 4.030" x 4.000"

Crankshaft: 4340 Forged 4.000"
Stroker
24 Tooth

Pistons: 2618 Forged +10cc Dished

Connecting Rods: 4340 Forged H
Beam 6.125" ARP 8740 Bolts

Compression Ratio: 10.5:1
Balanced Rotating Assembly with
Clevite High Performance Bearings

Cylinder Head: GM LS3 68cc CNC
ported

Camshaft: Intake/Exhaust
0.624"/0.624" lift 239°/247°
duration 114° LSA

Valvetrain: GM Rockers, ARP Rocker
Studs, Matching Aftermarket Roller
Trunion Upgrade, Valve Seals,
Springs, Retainers, Locks, Pushrods
and Warhawk Roller Lifters

Intake Manifold: GM LS3 with
90mm Throttle Body and 42lb
Injectors

Oil Pump: Melling High
Performance M295

Oil Pan: Holley LS Retrofit with
Stroker Clearance and Windage Tray

Sensors/Coils/Plugs: GM

Covers and Gaskets: GM

Bolts: GM and ARP

Block: Cast Iron LQ4

Bore/Stroke: 4.030" x 3.622"

Crankshaft: 4340 Forged 24 Tooth
Pistons: 2618 Forged +10cc
Dished

Connecting Rods: 4340 Forged
H Beam 6.125" ARP 8740 Bolts

Compression Ratio: 10.5:1
Balanced Rotating Assembly with
Clevite High Performance
Bearings

Cylinder Head: GM LS3 68cc

Camshaft: Intake/Exhaust
0.595"/0.598" lift 232°/234°
duration
112° LSA

Valvetrain: GM Rockers,
Matching Aftermarket Roller
Trunion Upgrade, Valve Seals,
Springs, Retainers, Locks,
Pushrods and GM Roller Lifters

Intake Manifold: GM LS3 with
90mm Throttle Body and 42lb
Injectors

Oil Pump: Melling High Perfor-
mance M295

Oil Pan: GM F-Body with
Windage Tray

Sensors/Coils/Plugs: GM

Covers and Gaskets: GM

Bolts: GM and ARP

Block: Cast Iron LQ4

Bore/Stroke: 4.030" x 3.622"

Crankshaft: 4340 Forged 24
Tooth

Pistons: 2618 Forged +10cc
Dished

Connecting Rods: 4340 Forged
H Beam 6.125" ARP 8740 Bolts

Compression Ratio: 10.5:1
Balanced Rotating Assembly with
Clevite High Performance
Bearings

Cylinder Head: GM L96 70cc

Camshaft: Intake/Exhaust
0.558"/0.563" lift 212°/218°
duration
115° LSA

Valvetrain: GM Rockers,
Matching Aftermarket Valve
Seals, Springs, Retainers, Locks,
Pushrods and GM Roller Lifters

Intake Manifold: GM LS3 with
90mm Throttle Body and 42lb
Injectors

Oil Pump: Melling High
Performance M295

Oil Pan: GM F-Body with
Windage Tray

Sensors/Coils/Plugs: GM

Covers and Gaskets: GM

Bolts: GM and ARP



Our High Performance Engines are sold without a water pump due to various configurations. Inquire for more information.