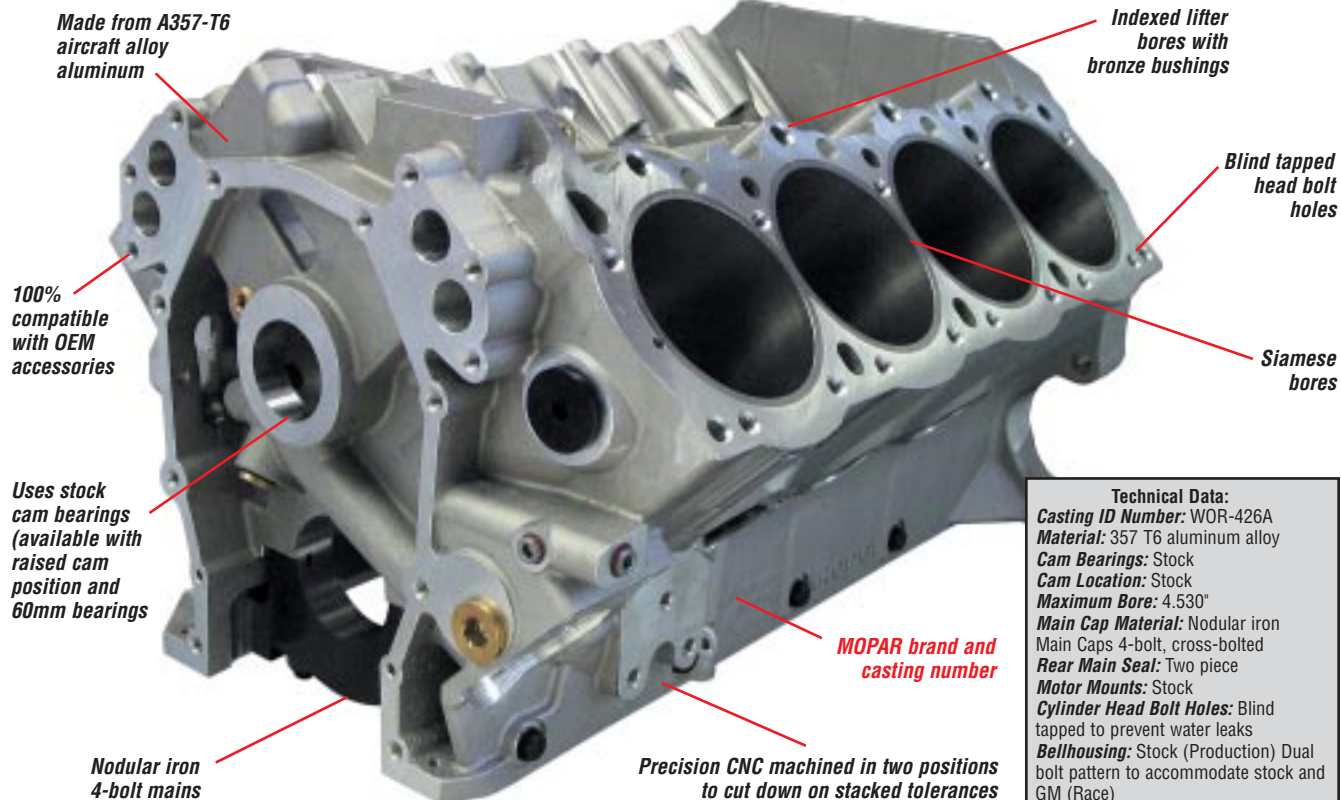


HEMI®/WEDGE BIG BLOCK MOPAR® ALUMINUM BLOCK

World Products engineers have collaborated with leading Mopar racers and developed a highly refined version of the original 426-style HEMI® block, as well as a Wedge version. It has been designed using CAD/CAM and 3D technology not available when the original was developed, and is therefore

has both advanced features, but is also manufactured to far more critical specifications. It features a dual pattern Mopar/GM bellhousing, more efficient lubrication, and can be ordered with a raised cam location. This is the ultimate block for Mopar HEMI® and WEDGE applications!



Technical Data:
Casting ID Number: WOR-426A
Material: 357 T6 aluminum alloy
Cam Bearings: Stock
Cam Location: Stock
Maximum Bore: 4.530"
Main Cap Material: Nodular iron
Main Caps: 4-bolt, cross-bolted
Rear Main Seal: Two piece
Motor Mounts: Stock
Cylinder Head Bolt Holes: Blind tapped to prevent water leaks
Bellhousing: Stock (Production) Dual bolt pattern to accommodate stock and GM (Race)
Starter Mount: Stock location
Weight: Approximately 200 lbs.

Part #	Series	Deck	Bore	Mains	Lifters	Main Caps	max Stroke	Notes
Hemi								
088510	Bare	10.725"	4.240"	2.9427"	.9054"	Nodular 4-Bolt	4.750"	
088510-4250	Prepped	10.725"	4.250"	2.9427"	.9054"	Nodular 4-Bolt	4.750"	
088510-4280	Prepped	10.725"	4.280"	2.9427"	.9054"	Nodular 4-Bolt	4.750"	
088515	Bare	10.725"	4.490"	2.9427"	.9054"	Nodular 4-Bolt	4.750"	
088515-4500	Prepped	10.725"	4.500"	2.9427"	.9054"	Nodular 4-Bolt	4.750"	
088515-4530	Prepped	10.725"	4.530"	2.9427"	.9054"	Nodular 4-Bolt	4.750"	
088520	Bare	10.725"	4.490"	2.9427"	No	Nodular 4-Bolt	4.750"	
Wedge								
088550	Bare	10.725"	4.310"	2.9427"	.9054"	Nodular 4-Bolt	4.750"	
088550-4320	Bare	10.725"	4.320"	2.9427"	.9054"	Nodular 4-Bolt	4.750"	
088550-4350	Bare	10.725"	4.350"	2.9427"	.9054"	Nodular 4-Bolt	4.750"	
088555	Bare	10.725"	4.490"	2.9427"	.9054"	Nodular 4-Bolt	4.750"	
088555-4500	Bare	10.725"	4.500"	2.9427"	.9054"	Nodular 4-Bolt	4.750"	
088555-4530	Bare	10.725"	4.530"	2.9427"	.9054"	Nodular 4-Bolt	4.750"	
088560	Bare	10.725"	4.490"	2.9427"	No	Nodular 4-Bolt	4.750"	A

Bare Blocks Include: freeze plugs, oil restrictors, pipe plugs, rear seal adapter, pick-up tube adapter, cam plugs and dowel pin kit
Prepped Blocks Include: Decks milled +/- .005", honed main journals +/- .0004", plate honed cylinder bores .001" O.S. +/- .0005", honed lifter bores +/- .0005", hot tanked, cam bearings, freeze plugs, dowel pins and all pipe plugs are installed, deburred sprayed w/ rust inhibitor and wrapped
Important Note: Due to varying engine builder preferences, the sleeves in a prepped block are not flush-milled with the deck and may vary.

* MOPAR and HEMI are registered trademarks of Chrysler LLC

Notes:
 A = Raised cam, no lifter holes

<p>Accessories: 831932 Oil restrictor 832824 Pick-up tube adapter (Hemi) 832825 Pick-up tube adapter (Wedge) 831964 Rear seal adapter 831985 Cam bearing set</p>	<p>Available options: Cylinder boring O-ring head decks Polishing (6 to 8 weeks lead time) Contact your World sales representative for details.</p>
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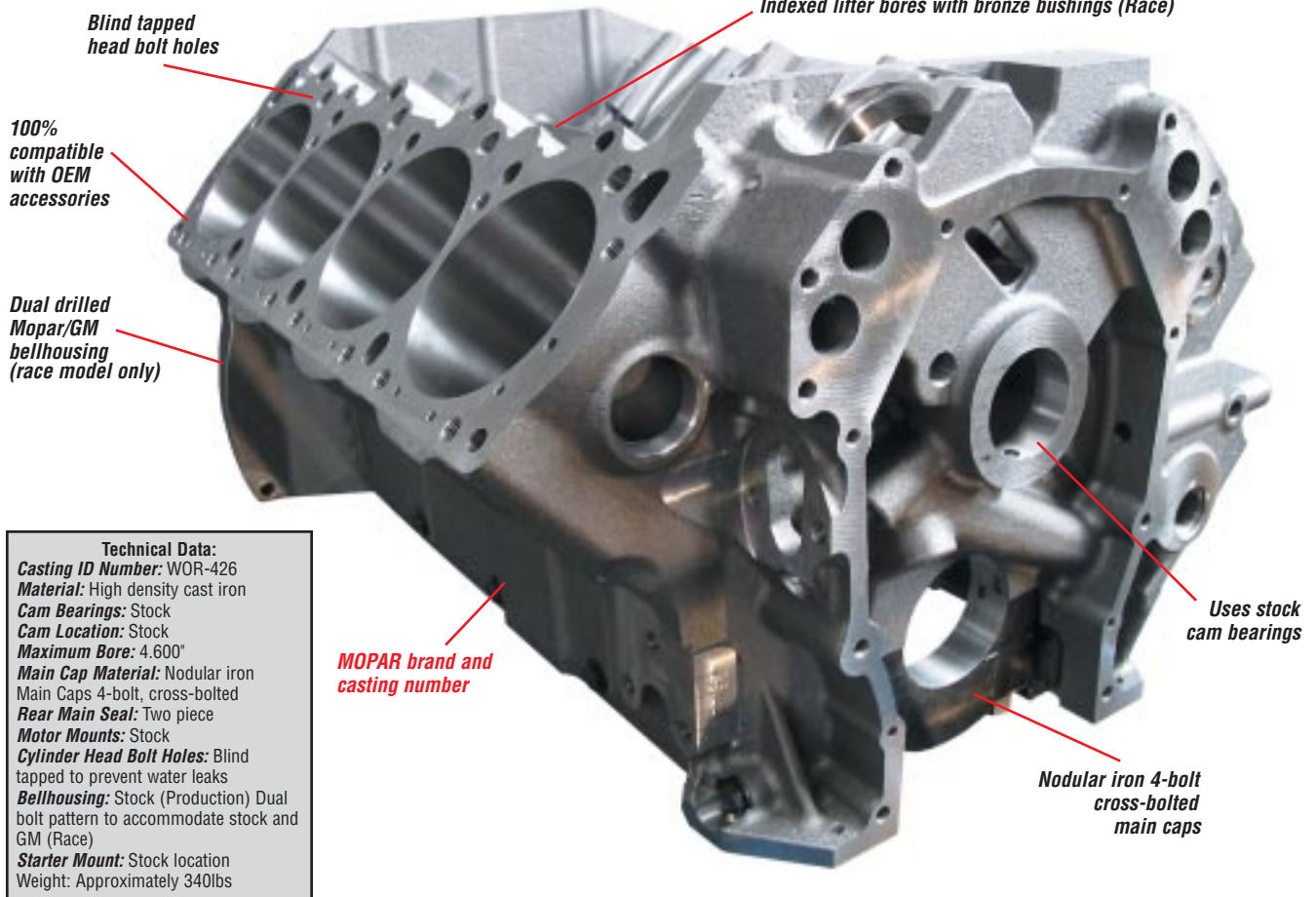
MOPAR® HEMI®/WEDGE

HEMI®/WEDGE CAST IRON BLOCK

BIG BLOCK MOPAR

World Products also offers a highly refined cast iron replacement block for 426 HEMI® and 413-426-440 WEDGE applications. This production-type block is made from high density cast iron, and incorporates key design

improvements also found in the aluminum race block. This block (as does the aluminum version) carries the Mopar® brand and casting number. Naturally, it is fully compatible with all OEM Chrysler components.



Technical Data:
Casting ID Number: WOR-426
Material: High density cast iron
Cam Bearings: Stock
Cam Location: Stock
Maximum Bore: 4.600"
Main Cap Material: Nodular iron
Main Caps: 4-bolt, cross-bolted
Rear Main Seal: Two piece
Motor Mounts: Stock
Cylinder Head Bolt Holes: Blind tapped to prevent water leaks
Bellhousing: Stock (Production) Dual bolt pattern to accommodate stock and GM (Race)
Starter Mount: Stock location
Weight: Approximately 340lbs

Part #	Series	Type	Deck	Bore	Mains	Lifters	Main Caps	Max Stroke	Notes
Hemi									
P5153942-W	Production	Bare	10.725"	4.240"	2.9427"	.9054"	Nodular 4-Bolt	4.750"	
P5155072-W	Production	Bare/Honed	10.725"	4.250"	2.9427"	.9054"	Nodular 4-Bolt	4.750"	C
P5153943-W	Production	Bare	10.725"	4.240"	2.9427"	No	Nodular 4-Bolt	4.750"	B
P5153861-W	Production	Bare	10.725"	4.490"	2.9427"	.9054"	Nodular 4-Bolt	4.750"	
P5153862-W	Production	Bare/Honed	10.725"	4.500"	2.9427"	.9054"	Nodular 4-Bolt	4.750"	C
P5155015-W	Race	Bare	10.725"	4.240"	2.9427"	No	Nodular 4-Bolt	4.750"	A
P5153867-W	Race	Bare	10.725"	4.490"	2.9427"	No	Nodular 4-Bolt	4.750"	A
Wedge									
P5153944-W	Production	Bare	10.725"	4.310"	2.9427"	.9054"	Nodular 4-Bolt	4.750"	
P5153863-W	Production	Bare	10.725"	4.490"	2.9427"	.9054"	Nodular 4-Bolt	4.750"	
P5153860-W	Production	Bare/Honed	10.725"	4.500"	2.9427"	.9054"	Nodular 4-Bolt	4.750"	C
P5153871-W	Race	Bare	10.725"	4.490"	2.9427"	No	Nodular 4-Bolt	4.750"	A
P5153870-W	Race	Bare/Honed	10.725"	4.500"	2.9427"	No	Nodular 4-Bolt	4.750"	A,C

Bare Blocks Include: Freeze plugs, oil restrictors, pipe plugs, rear seal adapter, pick-up tube adapter, cam plugs and dowel pin kit
Prepped Blocks Include: Decks milled +/- .005", honed main journals +/- .0004", plate honed cylinder bores .001" O.S. +/- .0005", honed lifter bores +/- .0005", hot tanked, cam bearings, freeze plugs, dowel pins and all pipe plugs are installed, deburred sprayed w/ rust prohibitor and wrapped

* MOPAR and HEMI are registered trademarks of Chrysler LLC

Notes:
 A = Raised cam, no lifter holes
 B = Standard cam, no lifter holes
 C = Honed to size but not prepped

<p>Accessories: 831932-2 Oil restrictors 832824 Pick-up tube adapter (Hemi) 832825 Pick-up tube adapter (Wedge) 831964 Rear seal adapter 831985 Cam bearing set</p>	<p>Available options: Cylinder boring Lifter bushings O-ring head decks</p> <p>Contact your World sales representative for details.</p>
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WEDGE 528-540-572 SHORT BLOCK

Mopar enthusiasts who would like a serious infusion of horsepower and torque into their rides, while also chopping off performance-robbing front end weight, can take advantage of these big-inch short block assemblies from World Products. Based on World's new aluminum block, these expertly

assembled Wedge short blocks feature a 4340 forged steel crank, 4340 forged steel H-beam connecting rods, forged aluminum pistons and high performance rings. The rotating assembly is digitally balanced (internally), and with a 10.2:1 compression ratio it's compatible with pump gasoline.

Big-Inch Wedge Engines Made Easy And Economical!

Lightweight aluminum block

Indexed lifter bores with bronze guides

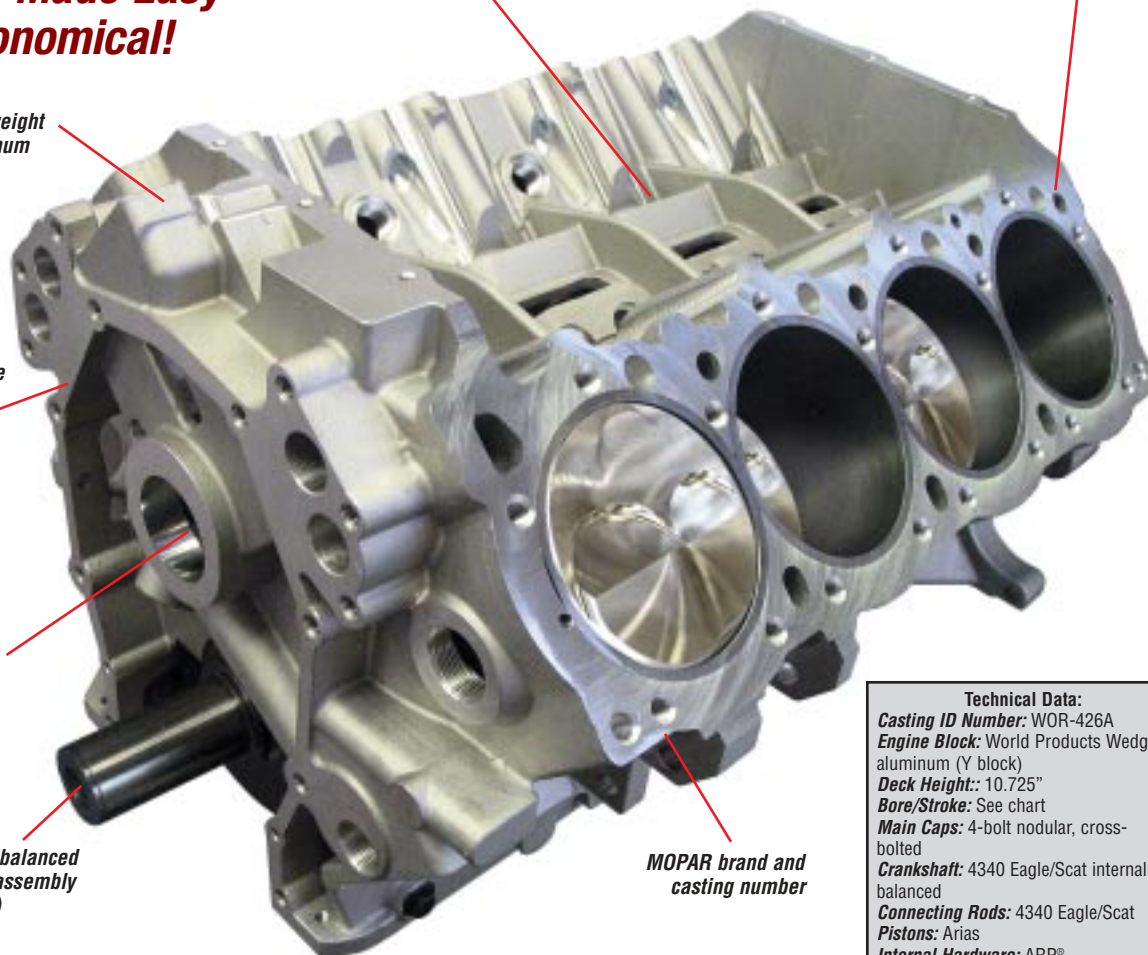
Blind tapped head bolt holes

100% compatible with OEM accessories

Uses stock cam bearings

Digitally balanced rotating assembly (internal)

MOPAR brand and casting number



Technical Data:
Casting ID Number: WOR-426A
Engine Block: World Products Wedge aluminum (Y block)
Deck Height: 10.725"
Bore/Stroke: See chart
Main Caps: 4-bolt nodular, cross-bolted
Crankshaft: 4340 Eagle/Scat internally balanced
Connecting Rods: 4340 Eagle/Scat
Pistons: Arias
Internal Hardware: ARP®

Part #	C.I.D.	Application	Type	Compression	Camshaft	Induction	Dome	Notes
Short Block Assembly								
109211A	528	Street	Assembly	10.5:1	None	None	-24cc	A
109251A	540	Street	Assembly	10.2:1	None	None	-27cc	B
109261A	572	Street	Assembly	10.2:1	None	None	-34cc	C
Short Block Kit								
109311A	528	Street	Kit	10.5:1	None	None	-24cc	A
109351A	540	Street	Kit	10.2:1	None	None	-27cc	B
109361A	572	Street	Kit	10.2:1	None	None	-34cc	C
Rotating Kit								
109411	528	Street	Kit	10.5:1	None	None	-24cc	A
109451	540	Street	Kit	10.2:1	None	None	-27cc	B
109461	572	Street	Kit	10.2:1	None	None	-34cc	C

Short Blocks Include: Decks milled +/- .005", honed main journals +/- .0004", plate honed cylinder bores .001" O.S. +/- .0005", honed lifter bores +/- .0005", hot tanked, cam bearings, freeze plugs, dowel pins and all pipe plugs are installed, deburred sprayed w/ rust inhibitor and wrapped, digitally internal balanced crank, pistons and connecting rods balanced within 2grms
Short Block Kits Includes: Prepped block and balanced rotating kit

Notes:
 A = Compression calculated with a 75cc head, .005" deck, -24cc piston and a .051" gasket
 B = Compression calculated with a 75cc head, .020" deck, -27cc piston and a .051" gasket
 C = Compression calculated with a 75cc head, .020" deck, -34cc piston and a .051" gasket

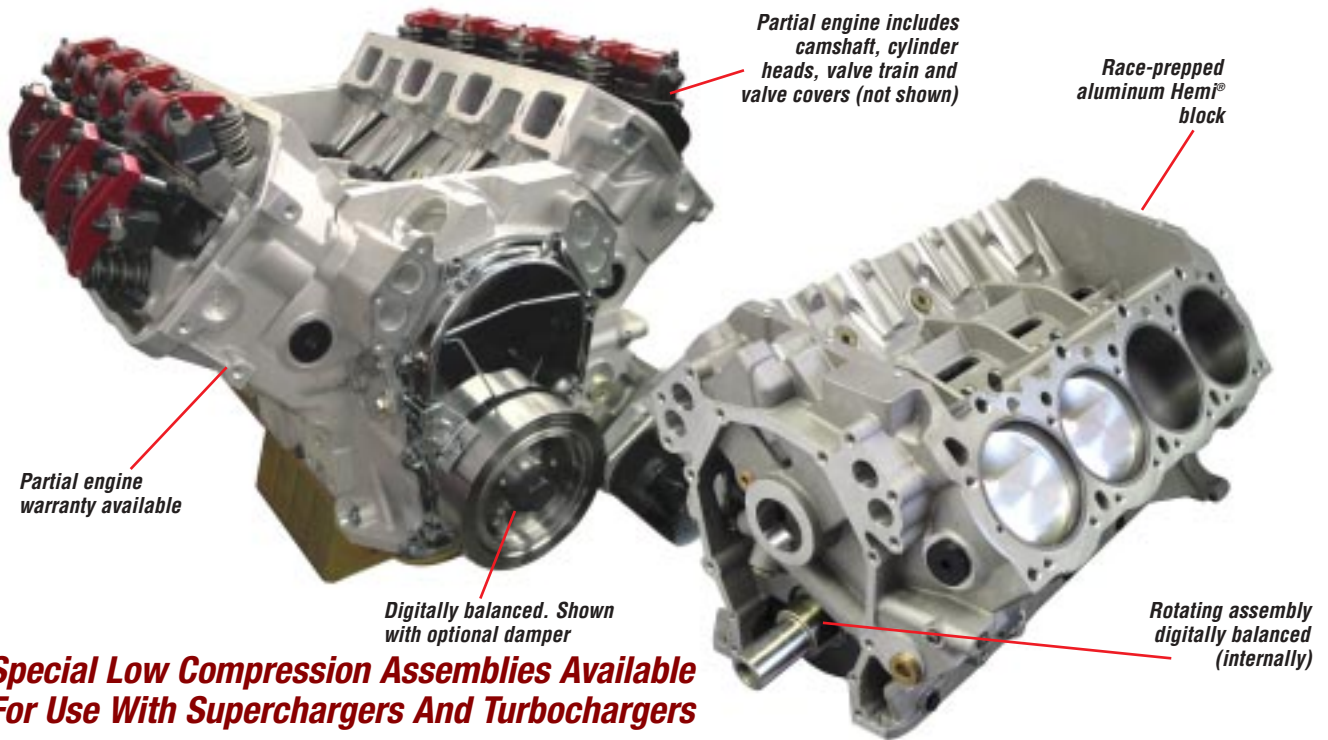
Available options:
 Polished aluminum engine block, Contact your World sales representative for details.

HEMI PARTIALS, SHORT BLOCKS, KITS

Mopar enthusiasts who would like a serious infusion of horsepower and torque into their rides, while also chopping off performance-robbing front end weight, can take advantage of these big-inch short block assemblies from World Products. Based on World's new aluminum block, these expertly

assembled short blocks feature a 4340 forged steel crank, 4340 forged steel H-beam connecting rods, forged aluminum pistons and high performance rings. The rotating assembly is digitally balanced (internally), and with a 10.5:1 compression ratio it's fine with pump gasoline.

BIG BLOCK MOPAR



Special Low Compression Assemblies Available For Use With Superchargers And Turbochargers

Part #	C.I.D.	Heads	Application	Compression	Camshaft	Induction	Dome	Notes
Partial Engine - Stage II								
150052A	528	Aluminum	Street	10.4:1	Hydraulic Roller	None	70cc	A
150152A	528	Aluminum	Power Adder	8.5:1	Hydraulic Roller	None	40cc	A
150054A	540	Aluminum	Street	10.3:1	Hydraulic Roller	None	70cc	A
150154A	540	Aluminum	Power Adder	8.4:1	Hydraulic Roller	None	40cc	A
150056A	572	Aluminum	Street	10.5:1	Hydraulic Roller	None	65cc	A
Short Block Assembly								
109210A	528		Street	10.4:1	None	None	70cc	A
109209A	528		Power Adder	8.5:1	None	None	40cc	A
109250A	540		Street	10.3:1	None	None	70cc	A
109249A	540		Power Adder	8.4:1	None	None	40cc	A
109260A	572		Street	10.5:1	None	None	65cc	A
Short Block Kit								
109310A	528		Street	10.4:1	None	None	70cc	A
109309A	528		Power Adder	8.5:1	None	None	40cc	A
109350A	540		Street	10.3:1	None	None	70cc	A
109349A	540		Power Adder	8.4:1	None	None	40cc	A
109360A	572		Street	10.5:1	None	None	65cc	A
Rotating Kit								
109410	528		Street	10.4:1	None	None	70cc	A
109409	528		Power Adder	8.5:1	None	None	40cc	A
109450	540		Street	10.3:1	None	None	70cc	A
109449	540		Street	8.4:1	None	None	40cc	A
109460	572		Street	10.5:1	None	None	65cc	A

Partial Engine Includes: All the same premium components as the complete engines, less intake manifold, induction system, ignition system and damper

Short Blocks Include: Decks milled +/- .005", honed main journals +/- .0004", plate honed cylinder bores .001" O.S. +/- .0005", honed lifter bores +/- .0005", hot tanked, cam bearings, freeze plugs, dowel pins and all pipe plugs are installed, deburred sprayed w/ rust prohibitor and wrapped, digitally internal balanced crank, pistons and connecting rods balanced within 2grms

Short Block Kits Includes: Prepped block and balanced rotating kit

Notes:

A = All compressions calculated with a 170cc head, .Fel-Pro 1104 gasket, and deck heights as follows: 528 = .005", 540 = .020", 572 = .020". Dome volumes are as specified above

Available options:

Polished aluminum engine block, cylinder heads and intake manifold (6 to 8 weeks lead time)
 Polished cylinder heads and intake manifold (6 to 8 weeks lead time)
 CNC head porting (add 30 hp)

Partial Engine Warranty: 1 year/12,000 mile limited warranty (includes dyno break-in)

Contact your World sales representative for details..

HEMI 528 CID ENGINE

World Products now offers a trio of 426-style HEMI® engines. For openers there's this 528 c.i.d. version that's got 102 more cubic inches of displacement than the factory original, which translates into an abundance of torque. It's based on World's new HEMI® aluminum block, which is superior to the OEM

offering in many ways. Add a pair of deep-breathing aluminum heads and a robust rotating assembly consisting of a forged steel 4340 crank and rods, plus a set of famed Arias 70cc dome forged pistons. Available with an Accel EFI or a 4500 series carb, this powerful beast puts out 650 horsepower!

Dyno tested and certified to meet performance specs

Available with a 4-barrel carb or Electronic Fuel Injection

Backed by a 2 year/24,000 mile limited warranty

World Products Hemi aluminum engine block

Rotating assembly is digitally balanced (internally)

Technical Data:
Engine Block: World Products Hemi aluminum (Y block)
Deck Height: 10.725"
Bore/Stroke: 4.500" x 4.150"
Main Caps: 4-bolt nodular, cross-bolted
Cylinder Heads: Aluminum
Valves: Manley stainless steel
Carburetor: AED (custom spec)
Distributor: MSD E-Coil
Timing Chain: Double roller
Crankshaft: 4340 Eagle/Scat internally balanced
Connecting Rods: 4340 Eagle/Scat
Pistons: Arias
Gaskets: Felpro
Internal Hardware: ARP
Exterior Hardware: Totally Stainless
Oil Pan: Milodon
Warranty: 2 year/24,000 mile limited (Street Series only)

102 More Cubic Inches Than The Original 426 Hemi Translates Into Huge Gains In Horsepower & Torque!

Part #	C.I.D.	HP	Heads	Application	Compression	Camshaft	Induction	Dome	Notes
Complete Engine									
150252A	528	650	Aluminum	Street	10.4:1	Solid Flat Tappet	4500 1050cfm	70cc	A
150352A	528	650	Aluminum	Street	10.4:1	Solid Flat Tappet	EFI	70cc	A

Complete Engine Includes: Pan to carb (or EFI), fully assembled, dyno tuned and tested and comes with a 2 year/24 month warranty (does not include starter, water pump or flywheel)

Notes:

A = Compression calculated with a 170cc head, .005" deck, 70cc piston and a .051" gasket

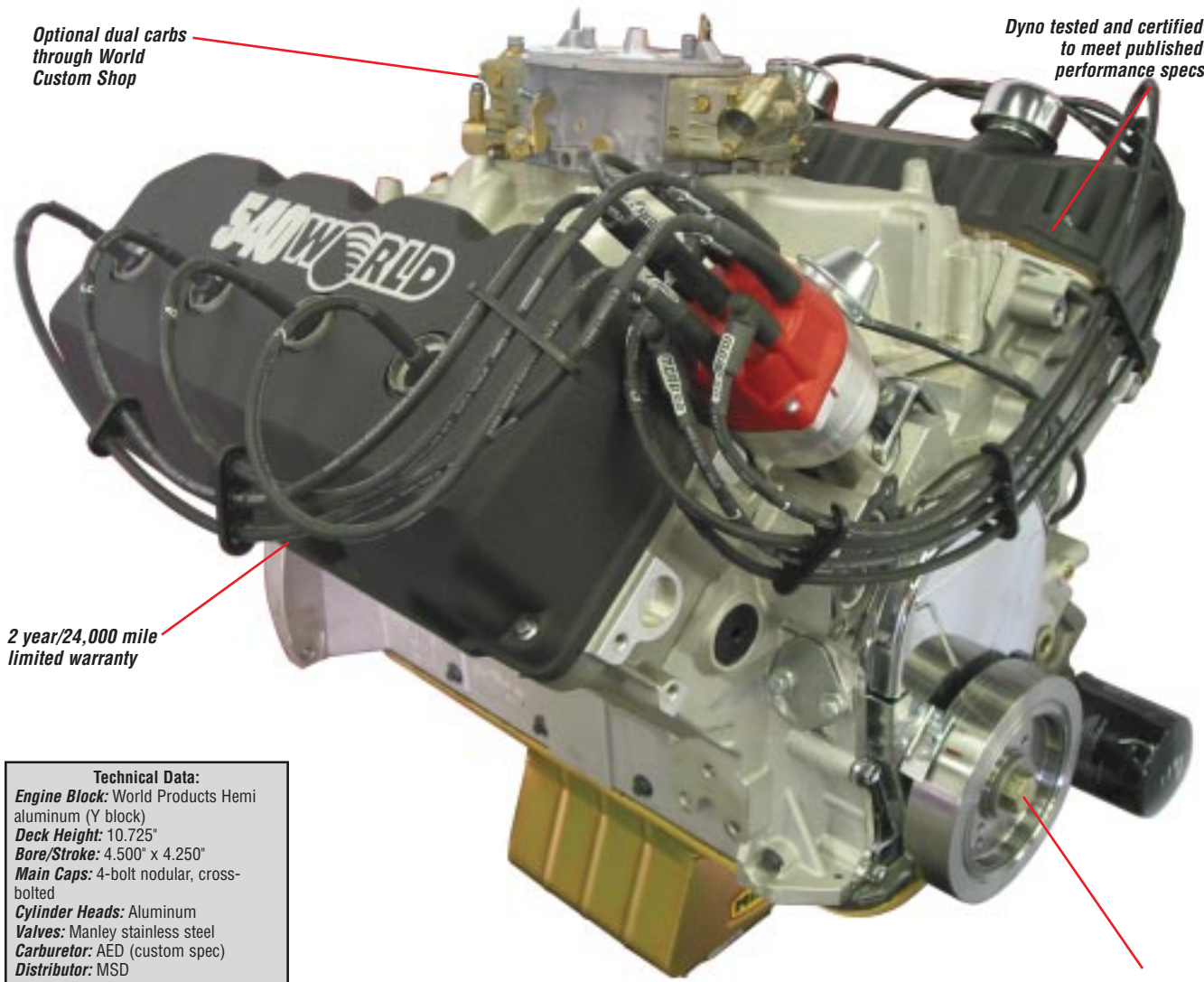
Available options:
 Polished aluminum engine block, cylinder heads and intake manifold (6 to 8 weeks lead time) Contact your World sales representative for details..
 Polished cylinder heads and intake manifold (6 to 8 weeks lead time)
 CNC head porting (add 30 hp)

HEMI 540 CID ENGINE

At 540 cubic inches, this bad boy has over 25% more displacement than the original 426 HEMI®. Inside this highly refined new block from World are a forged steel crankshaft, forged steel H-beam rods, 70cc dome forged pistons, a specially ground hydraulic roller cam, and a pair of Hemi heads, we're looking at 695 ponies with your choice of electronic fuel injection or a

Dominator-type carburetor —over 200 HP more than any Mopar ever left the factory with at the height of the Muscle Car Era. World Custom Shop options can add even more to the performance. What's more, because this engine has all the best in aftermarket engine components it is backed by a 2-year, 24,000-mile warranty.

BIG BLOCK MOPAR



Optional dual carbs through World Custom Shop

Dyno tested and certified to meet published performance specs

2 year/24,000 mile limited warranty

Rotating assembly digitally balanced (internally)

Technical Data:
Engine Block: World Products Hemi aluminum (Y block)
Deck Height: 10.725"
Bore/Stroke: 4.500" x 4.250"
Main Caps: 4-bolt nodular, cross-bolted
Cylinder Heads: Aluminum
Valves: Manley stainless steel
Carburetor: AED (custom spec)
Distributor: MSD
Timing Chain: Double roller
Crankshaft: 4340 Eagle/Scat internally balanced
Connecting Rods: 4340 Eagle/Scat
Pistons: Arias
Gaskets: Fel-Pro
Internal Hardware: ARP
Exterior Hardware: Totally Stainless
Oil Pan: Milodon
Warranty: 2 year/24,000 mile limited (Street Series only)

World's New Aluminum HEMI® Block Is The Perfect Foundation For An All-Around Superior Powerplant!

Part #	C.I.D.	HP	Heads	Application	Compression	Camshaft	Induction	Dome	Notes
Complete Engine									
150254A	540	685	Aluminum	Street	10.3:1	Solid Flat Tappet	4500 1050cfm	70cc	A
150354A	540	685	Aluminum	Street	10.3:1	Solid Flat Tappet	EFI	70cc	A

Complete Engine Includes: Pan to carb (or EFI), fully assembled, dyno tuned and tested and comes with a 2 year/24 month warranty (does not include starter, water pump or flywheel)

Notes:

A = Compression calculated with a 170cc head, .005" deck, 70cc piston and a .051" gasket

Available options:
 Polished aluminum engine block, cylinder heads and intake manifold (6 to 8 weeks lead time)
 Polished cylinder heads and intake manifold (6 to 8 weeks lead time)
 CNC head porting (add 30 hp)
 Contact your World sales representative for details.

HEMI 572 CID ENGINE

For those who desire the ultimate in ground-pounding, streetable power, World offers this humongous 572 c.i.d. HEMI® engine that puts out an “easy” 735 horsepower on World’s DTS dynos (3). This, of course, would turn any Dodge or Plymouth into a performance powerhouse. A new World Products aluminum

Hemi block (which carries the Mopar logo and part number) is the foundation for this engine. A forged steel crank and rods, 65cc dome forged aluminum pistons, and a solid flat tappet cam developed especially for this combination bring it all together. Of course, it’s fully warranted for 2-years or 24,000 miles.

Available with 1050 cfm carb or Electronic Fuel Injection

Backed by a 2 year/24,000 mile limited warranty

World Products Hemi aluminum engine block

Technical Data:
Engine Block: World Products Hemi aluminum (Y block)
Deck Height: 10.725"
Bore/Stroke: 4.500" x 4.500"
Main Caps: 4-bolt nodular, cross-bolted
Cylinder Heads: Aluminum
Valves: Manley stainless steel
Carburetor: AED (custom spec)
Distributor: MSD
Timing Chain: Double roller
Crankshaft: 4340 Eagle/Scat internally balanced
Connecting Rods: 4340 Eagle/Scat
Pistons: Arias
Gaskets: Felpro
Internal Hardware: ARP®
Exterior Hardware: Totally Stainless
Oil Pan: Milodon
Warranty: 2 year/24,000 mile limited (Street Series only)

Rotating assembly is digitally balanced (internal)

At 572 Cubic Inches, This Bad Boy HEMI® Is Loaded With The Kind Of Power Mopar Enthusiasts Can Dig!

Part #	C.I.D.	HP	Heads	Application	Compression	Camshaft	Induction	Dome	Notes
Complete Engine									
150256A	572	735	Aluminum	Street	10.5:1	Solid Flat Tappet	4500 1050cfm	65cc	A
150356A	572	735	Aluminum	Street	10.51	Solid Flat Tappet	EFI	65cc	A

Complete Engine Includes: Pan to carb (or EFI), fully assembled, dyno tuned and tested and comes with a 2 year/24 month warranty (does not include starter, water pump or flywheel)

Notes:

A = Compression calculated with a 170cc head, .005" deck, 70cc piston and a .051" gasket

Available options:
 Polished aluminum engine block, cylinder heads and intake manifold (6 to 8 weeks lead time)
 Polished cylinder heads and intake manifold (6 to 8 weeks lead time)
 CNC head porting (add 30 hp)

Contact your World sales representative for details.

