

**Toll Free
877-626-8667**

Jobber Price List
Effective Date February 1, 2020
Prices subject to change without notice
This list supercedes all previous lists

manton

Pushrods®

DIESEL PRODUCTS

What is the main use for your vehicle? Whether it's towing, sled pulling, drag racing, dyno pulls or your daily driver, we can choose the best fit for your application.

All pushrods are made in a three piece design. We believe the column of the pushrod must be made out of a different material and heat treated differently than the tip ends. (See website www.pushrods.com)

Diesel Sizes: 5/16" • 11/32" • 3/8" • 7/16" • 1/2" • 9/16" diameters. Straight tube or tapered, any length or variation of taper.

SERIES 3 PUSHRODS

Mild to medium performance: Hard drawn 4130/4135 seamless chromoly tubing which is the highest quality available from mills and originally formulated for aerospace/aircraft use. This is a high quality pushrod which provides approximately 170,000 p.s.i. tensile strength. Suggested power range is from 400-750 hp, and is used for multiple applications such as light towing, OEM replacement, sportsman diesel and factory performance engines.

SERIES 5 PUSHRODS

Manton's choice: Used in Top Fuel Dragsters which produce 11,000 hp, it is the strongest most durable chromoly pushrod ever produced. This pushrod has been engineered to maximize valvetrain stability for more overall power, torque and efficiency in all hi-performance diesel engines. Whether it is sled pulling, drag racing, dyno competitions or heavy towing, this series of pushrod will extend valvetrain service life and maximize potential performance of all your other engine components you have invested in. By utilizing 4130/4135 chromoly tubing and proprietary heat treating techniques, we are able to achieve a 275,000 p.s.i. tensile strength from the tubing without causing it to become brittle.

TOOL STEEL PUSHRODS

Our high speed tool steel, solid body pushrods are the strongest pushrod ever produced. These pushrods are manufactured for the most extreme applications possible.

ROCKERARM

Our 24v and Duramax Roller Rockerarm bodies are precision machined from our Top Fuel proven "MMM" series material. We have used three generations of valvetrain experience to redesign both the intake and exhaust rockerarms to achieve maximum strength and rigidity, while still incorporating the stock stand positions to prevent additional modifications being required. We have also used a proprietary heat treating process to the rockerarm bodies to increase durability and reduce deflection. Furthermore, we have added a pressure fed solid state bushing into the body to reduce friction between the rockerarm and the trunnion bearing. All rockerarms will come standard with our aftermarket tool steel trunnions or shafts, adjusting screws and valve bridges.

ROCKERARM TRUNNIONS

Our billet 24v rockerarm trunnions are made of tool steel, heat treated and nitrided for wear resistance. We have increased the oil supply to the rockerarm trunnions. This was done to prevent trunnion to rocker body micro welding and greatly increases the service life of the rockerarm assembly.

VALVE BRIDGES

Strength has been greatly increased in critical areas to improve stability and overall valvetrain service life. Our bridges have been heat treated and nitrided for wear resistance, greatly increasing performance & service life.

ROCKERARM ADJUSTING SCREWS

Our rockerarm screws are made of tool steel that is heat treated and nitrided for wear resistance. This combination of materials and heat treat procedures makes the most durable and reliable screws available anywhere. All screws are manufactured with rolled threads and broached to accept an allen wrench.

DURAMAX SHAFTS

With valvetrain stability being our main concern, we manufacture our shafts to be very stiff. Our choice material is .250" wall thickness 4130 Chromoly steel. Each shaft is prepared in a four axis milling center; Hard chromed and ground to size. The hard chrome surface provides an excellent wear protection in any application. Our Duramax shafts feature a new type of radial oil transfer passage which provides "full-time oiling" to the pushrod and adjusting screw. Without this new oiling feature the stock oiling passage is shut off as soon as the rockerarm starts to open the valve. All of our shafts use a threaded plug to seal each end which eliminates any chance of an oil leak from worn or poor fitting O-rings.

VALVE SPRING AND RETAINER PACKAGE

Manton valve springs and spring packages are custom designed by our engineers to provide the maximum performance, durability and longevity. These drop-in springs and spring packages are designed to be able to be used in applications from daily drives to all out race vehicles. Our springs will allow higher boost, rpm and power levels to be safely achieved.

TOOL STEEL TAPPETS

Our Cummins Tappets are made from a proprietary blend of tool steel and machined in house on our Mazak CNC machines. After machining, we use a special core hardening and tempering process which hardens the tappets all the way to the center of the part. Each tappet is then finish ground to size, which incorporates a unique finish to the face of the part. This provides a superior mating surface with the camshaft lobe, ensuring extended service life and durability. Each part is then nitrided for wear resistance, polished and inspected. We feel this lifter is the strongest aftermarket Cummins lifter available.

High Performance Diesel Valvetrain Components

All pushrod lengths are stock OEM lengths. If you have made any modifications to your valvetrain it is your responsibility to verify pushrod lengths, diameter and tips required for your specific combination.

Adjustable Pushrod Length Checking Tools

PART #	Description	M/D	Jobber
D-600	Cummins 12v 3/8 Tool with 3/8 Cup 5/16 Ball, 10.5 to 11.5 (2 tools, 2 springs)	26.36 ea.	21.97 ea.
D-601	Cummins 24v 3/8 Tool with 10mm Cup 10mm Ball, 11.0 to 12.0 (2 tools, 4 springs)	34.32 ea.	28.60 ea.
D-602	Dmax 6.6L 3/8 Tool with 12mm Cup 12mm Ball, 9.0 to 10.0 (2 tools, 4 springs)	34.32 ea.	28.60 ea.
D-604	Powerstroke 6.0L, 6.4L, 7.3L 5/16 Tool with 3/8 Ball 3/8 Ball, 9.5 to 10.5 (2 tools, 4 springs)	26.52 ea.	22.10 ea.
D-620	7/16 Sleeve for 3/8 Checking Tool	6.24 ea.	5.20 ea.
D-621	1/2 Sleeve for 3/8 Checking Tool	6.24 ea.	5.20 ea.

All prices are based on a ball/cup pushrod configuration. All pushrods that require a ball/cup (8620) pushrod end will have an additional charge.

Custom Pushrods

PART #	Description	M/D	Jobber
D-302-C	Series 3, 1 1/32 x .120, Custom length tube	16.36 ea.	13.63 ea.
D-304-C	Series 3, 3/8 x .095, Custom length tube	14.51 ea.	12.09 ea.
D-304-145-C	Series 3, 3/8 x .145, Custom length tube	19.26 ea.	16.05 ea.
D-305-C	Series 3, 7/16 x .120, Custom length tube	16.26 ea.	13.55 ea.
D-305-168-C	Series 3, 7/16 x .168, Custom length tube	19.83 ea.	16.52 ea.
D-306-C	Series 3, 1/2 x .120, Custom length tube	19.83 ea.	16.52 ea.
D-502-C	Series 5, 1 1/32 x .120, Custom length tube	21.50 ea.	17.92 ea.
D-503-C	Series 5, 3/8 x .095, Custom length tube	21.50 ea.	17.92 ea.
D-503-145-C	Series 5, 3/8 x .145, Custom length tube	28.07 ea.	23.39 ea.
D-504-C	Series 5, 7/16 x .120, Custom length tube	28.63 ea.	23.86 ea.
D-504-168-C	Series 5, 7/16 x .168, Custom length tube	32.22 ea.	26.85 ea.
D-505-C	Series 5, 1/2 x .120, Custom length tube	32.54 ea.	27.11 ea.
-1	Ball & Ball Tips	0.00 ea.	0.00 ea.
-2	Ball & 3/8 or 5/16 Cup Tips	1.48 ea.	1.24 ea.
-3	Ball & mm Cup Tips	3.90 ea.	3.25 ea.

Cummins 12v

Spring Tool, Adjusting Screw & Nut

D-104-12v	12v Valve Spring Compression Tool	39.00 ea.	32.50 ea.
D-105-KIT-12v	12v Pressure Tower Valve Spring Kit (12 Springs, 12 Retainers, 24 Locks)	405.60 ea.	312.00 ea.
D-828	3/8 Ball 3/8 x 24 Thread w/Oil Hole	21.27 ea.	18.10 ea.
D-851	12 pt. Jam Nut 3/8 x 24 x .620 O.D.	2.81 ea.	2.44 ea.

Pushrods (12 per set)

D-304-12v	Series 3, 3/8 x .095, 10.920 OAL, 3/8 Cup 5/16 Ball, N/Oil	15.99 ea.	13.33 ea.
D-304-145-12v	Series 3, 3/8 x .145, 10.920 OAL, 3/8 Cup 5/16 Ball, N/Oil	22.48 ea.	17.29 ea.
D-305-12v	Series 3, 7/16 x .120, 10.920 OAL, 3/8 Cup 5/16 Ball, N/Oil	19.22 ea.	14.78 ea.
D-305-168-12v	Series 3, 7/16 x .168, 10.920 OAL, 3/8 Cup 5/16 Ball, N/Oil	23.09 ea.	17.76 ea.
D-503-12v	Series 5, 3/8 x .095, 10.920 OAL, 3/8 Cup 5/16 Ball, N/Oil	24.89 ea.	19.15 ea.
D-503-145-12v	Series 5, 3/8 x .145, 10.920 OAL, 3/8 Cup 5/16 Ball, N/Oil	32.01 ea.	24.62 ea.
D-504-12v	Series 5, 7/16 x .120, 10.920 OAL, 3/8 Cup 5/16 Ball, N/Oil	32.62 ea.	25.09 ea.
D-504-168-12v	Series 5, 7/16 x .168, 10.920 OAL, 3/8 Cup 5/16 Ball, N/Oil	36.50 ea.	28.08 ea.
D-903-12v	3/8 Solid Tool Steel, 10.920 OAL, 3/8 Cup 5/16 Ball, N/Oil	63.49 ea.	52.91 ea.
D-904-12v	7/16 Solid Tool Steel, 10.920 OAL, 3/8 Cup 5/16 Ball, N/Oil	63.49 ea.	52.91 ea.

Cummins 24v

Rockerarms

D-121-24v	24v Tool Steel Intake Rockerarm - Stock Ratio - 1998.5 - 2017	281.06 ea.	234.22 ea.
D-131-24v	24v Tool Steel Exhaust Rockerarm - Stock Ratio - 1998.5 - 2017	339.38 ea.	282.82 ea.
D-141-24v	24v Tool Steel Rockerarm Assembly - Stock Ratio - 1998.5 - Present	3,677.56 ea.	3,064.63 ea.

Trunnion

D-100-24v	24v Trunnion	37.44 ea.	31.20 ea.
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Valve Bridge

D-110-24v	24v Valve Bridge	23.50 ea.	19.50 ea.
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Springs & Spring Tool

D-105-KIT-24v	24 Pressure Tower Valve Spring Kit (24 Springs, 24 Retainers, 48 Locks)	449.28 ea.	374.40 ea.
D-105-24v-E	24v Common Rail 5.9-6.7 High Boost Replacement Springs (use w/ factory retainers & locks)	324.48 ea.	249.60 ea.
D-104-24v	24v Valve Spring Compression Tool	59.90 ea.	49.92 ea.

Bolt Kit

D-090-24v	24v Rocker Shaft ARP Bolt Upgrade Kit (12 Bolts & 12 Washers)	80.72 ea.	66.72 ea.
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Tappets (12 per set)

D-150-24v	24v Tool Steel Nitrided Tappet	57.41 ea.	47.84 ea.
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Cummins 24v**Adjusting Screw & Nut**

PART #	Description	M/D	Jobber
D-837	10mm Ball 3/8 x 24 Thread	15.44 ea.	12.87 ea.
D-851	12 pt. Jam Nut 3/8 x 24 x .620 O.D.	2.81 ea.	2.44 ea.

Pushrods (12 per set)

PART #	Description	M/D	Jobber
D-304-24v	Series 3, 3/8 x .095, 11.450 OAL, 10mm Cup 10mm Ball, N/Oil	18.41 ea.	15.34 ea.
D-304-145-24v	Series 3, 3/8 x .145, 11.450 OAL, 10mm Cup 10mm Ball, N/Oil	23.17 ea.	19.31 ea.
D-305-24v	Series 3, 7/16 x .120, 11.450 OAL, 10mm Cup 10mm Ball, N/Oil	20.16 ea.	16.80 ea.
D-305-168-24v	Series 3, 7/16 x .168, 11.450 OAL, 10mm Cup 10mm Ball, N/Oil	23.73 ea.	19.77 ea.
D-306-24v	Series 3, 1/2 x .120, 11.450 OAL, 10mm Cup 10mm Ball, N/Oil	23.73 ea.	19.77 ea.
D-306-188-24v	Series 3, 1/2 x .188, 11.450 OAL, 10mm Cup 10mm Ball, N/Oil	31.01 ea.	25.84 ea.
D-503-24v	Series 5, 3/8 x .095, 11.450 OAL, 10mm Cup 10mm Ball, N/Oil	25.40 ea.	21.16 ea.
D-503-145-24v	Series 5, 3/8 x .145, 11.450 OAL, 10mm Cup 10mm Ball, N/Oil	31.96 ea.	26.64 ea.
D-504-24v	Series 5, 7/16 x .120, 11.450 OAL, 10mm Cup 10mm Ball, N/Oil	32.53 ea.	27.11 ea.
D-504-168-24v	Series 5, 7/16 x .168, 11.450 OAL, 10mm Cup 10mm Ball, N/Oil	36.11 ea.	30.10 ea.
D-505-24v	Series 5, 1/2 x .120, 11.450 OAL, 10mm Cup 10mm Ball, N/Oil	36.44 ea.	30.37 ea.
D-505-188-24v	Series 5, 1/2 x .188, 11.450 OAL, 10mm Cup 10mm Ball, N/Oil	43.60 ea.	36.34 ea.
D-507-188-24v	Series 5, 9/16 x .188, 11.450 OAL, 10mm Cup 10mm Ball, N/Oil	44.43 ea.	37.02 ea.
D-903-24v	3/8 Solid Tool Steel, 11.450 OAL, 10mm Cup 10mm Ball, N/Oil	65.91 ea.	54.92 ea.
D-904-24v	7/16 Solid Tool Steel, 11.450 OAL, 10mm Cup 10mm Ball, N/Oil	65.91 ea.	54.92 ea.

Duramax 6.6L**Rockerarms**

PART #	Description	M/D	Jobber
D-121-Dmax	Duramax Tool Steel Intake Rockerarm	252.00 ea.	210.00 ea.
D-131-Dmax	Duramax Tool Steel Exhaust Rockerarm	252.00 ea.	210.00 ea.
D-141-Dmax	Duramax Tool Steel Rockerarm Assembly w/out Stands	4,315.39 ea.	3,596.16 ea.
D-190-Dmax	Duramax Rockerarm Stands	975.00 ea.	812.50 ea.

Rockerarm Shaft

D-090-Dmax	Duramax Rocker Shaft ARP Bolt Upgrade (12 Bolts & 12 Washers)	80.06 ea.	66.72 ea.
D-101-Dmax	Rockerarm Shaft , 4130, Hard Chromed, Corrected Oiling	206.70 ea.	172.25 ea.

Valve Bridge

D-110-Dmax	Valve Bridge - DO NOT use w/ Manton RKR Assembly	23.40 ea.	19.50 ea.
D-111-Dmax	Valve Bridge - ONLY use w/ Manton RKR Assembly	44.93 ea.	37.44 ea.

Springs

D-105-KIT-Dmax	Pressure Tower Valve Spring Kit (32 Springs, 32 Retainers, 32 Spring Cups, 64 Locks)	600.00 ea.	500.00 ea.
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Adjusting Screw

D-838	12mm Ball 10mm x 1.25 Thread with Pressure Feed Side Hole	20.05 ea.	16.71 ea.
D-852	12 pt. Jam Nut 10mm x 1.25 x .620 O.D.	5.99 ea.	4.99 ea.

Valve Seal

D-200-Dmax	Valve Seal, Stock Upgrade (Blue)	1.17 ea.	0.98 ea.
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Pushrods (16 per set)

PART #	Description	M/D	Jobber
D-304-Dmax	Series 3, 3/8 x .095, 9.430 OAL, 12mm Cup 12 mm Ball, W/Oil	18.41 ea.	15.34 ea.
D-304-145-Dmax	Series 3, 3/8 x .145, 9.430 OAL, 12mm Cup 12 mm Ball, W/Oil	23.17 ea.	19.31 ea.
D-305-Dmax	Series 3, 7/16 x .120, 9.430 OAL, 12mm Cup 12 mm Ball, W/Oil	20.16 ea.	16.80 ea.
D-305-168-Dmax	Series 3, 7/16 x .168, 9.430 OAL, 12mm Cup 12 mm Ball, W/Oil	23.73 ea.	19.77 ea.
D-503-Dmax	Series 5, 3/8 x .095, 9.430 OAL, 12mm Cup 12 mm Ball, W/Oil	25.40 ea.	21.16 ea.
D-503-145-Dmax	Series 5, 3/8 x .145, 9.430 OAL, 12mm Cup 12 mm Ball, W/Oil	31.96 ea.	26.64 ea.
D-504-Dmax	Series 5, 7/16 x .120, 9.430 OAL, 12mm Cup 12 mm Ball, W/Oil	32.53 ea.	27.11 ea.
D-504-168-Dmax	Series 5, 7/16 x .168, 9.430 OAL, 12mm Cup 12 mm Ball, W/Oil	36.11 ea.	30.10 ea.
D-304-L5P	6.6L Duramax V8 - Series 3, 3/8 x .095, 8.560 OAL, 12mm Cup, 12mm Ball, W/Oil (LP5 2017+)	18.41 ea.	15.34 ea.
D-304-145-L5P	6.6L Duramax V8 - Series 3, 3/8 x .145, 8.560 OAL, 12mm Cup, 12mm Ball, W/Oil (LP5 2017+)	23.17 ea.	19.31 ea.
D-305-L5P	6.6L Duramax V8 - Series 3, 7/16 x .120, 8.560 OAL, 12mm Cup, 12mm Ball, W/Oil (LP5 2017+)	20.16 ea.	16.80 ea.

Powerstroke 6.0L / 6.4L

Valve Bridge & Springs

PART #	Description	M/D	Jobber
D-105-6.0/6.4	Powerstroke 6.0L 32 High Rev / High Boost Valve Springs	299.52 ea.	249.60 ea.
D-110-6.0	Powerstroke 6.0L Valve Bridge	23.40 ea.	19.50 ea.
D-110-6.4	Powerstroke 6.4L Valve Bridge	23.40 ea.	19.50 ea.

Hydraulic Lifter

D-6200	Johnson Hydraulic Roller Lifter Preload .035" +/- .010 (uses factory lifter tray)	750.75 ea.	682.50 ea.
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Pushrods (16 per set)

PART #	Description	M/D	Jobber
D-302-6.0/6.4PS	Series 3, 11/32 x .120, 9.795 OAL, 3/8 Ball 3/8 Ball W/Oil	16.36 ea.	13.64 ea.
D-304-6.0/6.4PS	Series 3, 3/8 x .095, 9.795 OAL, 3/8 Ball 3/8 Ball W/Oil	14.51 ea.	12.09 ea.
D-304-145-6.0/6.4PS	Series 3, 3/8 x .145, 9.795 OAL, 3/8 Ball 3/8 Ball W/Oil	19.27 ea.	16.06 ea.
D-502-6.0/6.4PS	Series 5, 11/32 x .120, 9.795 OAL, 3/8 Ball 3/8 Ball W/Oil	21.50 ea.	17.91 ea.
D-503-6.0/6.4PS	Series 5, 3/8 x .095, 9.795 OAL, 3/8 Ball 3/8 Ball W/Oil	21.51 ea.	17.93 ea.
D-503-145-6.0/6.4PS	Series 5, 3/8 x .145, 9.795 OAL, 3/8 Ball 3/8 Ball W/Oil	28.06 ea.	23.39 ea.
D-504-6.0/6.4PS	Series 5, 7/16 x .120, 9.795 OAL, 3/8 Ball 3/8 Ball W/Oil	28.63 ea.	23.86 ea.
D-504-168-6.0/6.4PS	Series 5, 7/16 x .168, 9.795 OAL, 3/8 Ball 3/8 Ball W/Oil	32.21 ea.	26.85 ea.

In recent years Ford superseded the 6.0L original pushrod length of 9.850 to the new 9.795 length to match the 6.4L length.

Powerstroke 6.7L SF

Pushrods (32 per set)

PART #	Description	M/D	Jobber
D-304-6.7SF	Series 3, 3/8 x .095, 9.560 OAL, 11/32 Cup 3/8 Ball, W/Oil	15.99 ea.	13.33 ea.
D-304-145-6.7SF	Series 3, 3/8 x .145, 9.560 OAL, 11/32 Cup 3/8 Ball, W/Oil	20.75 ea.	17.29 ea.
D-503-6.7SF	Series 5, 3/8 x .095, 9.560 OAL, 11/32 Cup 3/8 Ball, W/Oil	22.98 ea.	19.15 ea.
D-503-145-6.7SF	Series 5, 3/8 x .145, 9.560 OAL, 11/32 Cup 3/8 Ball, W/Oil	29.55 ea.	24.62 ea.

Powerstroke 7.3L

Hydraulic Lifter

PART #	Description	M/D	Jobber
D-6200	Johnson Hydraulic Roller Lifter Preload .035" +/- .010 (uses factory lifter tray)	750.75 ea.	682.50 ea.

Pushrods (16 per set)

PART #	Description	M/D	Jobber
D-304-7.3PS	Series 3, 3/8 x .095, 10.240 OAL, 3/8 Ball 3/8 Ball, W/Oil	14.51 ea.	12.09 ea.
D-304-145-7.3PS	Series 3, 3/8 x .145, 10.240 OAL, 3/8 Ball 3/8 Ball, W/Oil	19.27 ea.	16.06 ea.
D-305-7.3PS	Series 3, 7/16 x .120, 10.240 OAL, 3/8 Ball 3/8 Ball, W/Oil	16.26 ea.	13.55 ea.
D-305-168-7.3PS	Series 3, 7/16 x .168, 10.240 OAL, 3/8 Ball 3/8 Ball, W/Oil	19.83 ea.	16.52 ea.
D-503-7.3PS	Series 5, 3/8 x .095, 10.240 OAL, 3/8 Ball 3/8 Ball, W/Oil	21.50 ea.	17.91 ea.
D-503-145-7.3PS	Series 5, 3/8 x .145, 10.240 OAL, 3/8 Ball 3/8 Ball, W/Oil	28.06 ea.	23.39 ea.
D-504-7.3PS	Series 5, 7/16 x .120, 10.240 OAL, 3/8 Ball 3/8 Ball, W/Oil	28.63 ea.	23.86 ea.
D-504-168-7.3PS	Series 5, 7/16 x .168, 10.240 OAL, 3/8 Ball 3/8 Ball, W/Oil	32.21 ea.	26.85 ea.

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