

New Crankshafts



Allis Chalmers

Case / IH

Caterpillar

Cummins

David Brown

Detroit Diesel

Deutz

Ford

Isuzu

John Deere

Komatsu

Mack

Mitsubishi

Navistar

Perkins



Endurance Power Products - Heavy Duty Crankshaft Catalog

Listing of crankshaft for heavy duty diesel and gas engines

Applications for Agricultural, Industrial, Construction, Truck

Prices are subject to availability and change without notice

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This is a listing of our most popular crankshafts.
If you don't see your application listed, please call.

We also have a selection of reground crankshafts.

The use of the original manufacturer's part numbers are for reference purposes only - the parts offered are not original manufacturer's parts.
Endurance Power Products, Inc., sells replacement parts for use in the equipment of various manufacturers.
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Allis Chalmers®

Engine	Part #	Applications	Casting #	Notes
G226 226 CID	70226535	G226, W226 Gas Engine Super 100, 170, 175; W25, WD45 TL10 #638-1800; TL11 thru #73 TL12 thru #1281	U-3986, 70213353, 70226526, 70226535, 70229022, 70241291	Flange: flat, no center ring, 6 bolt Snout: 1 Lg bolt hole, 2 key ways W/ balance gear in center
433 4 cyl, 3.3L 200 CID	74006184	433, 433I, 433T Diesel Engine 2200, 6060, 6070, 6080 Tractor F2, F3 Combine; HD4	74006184, 74006908, 74007915 74008043, 74008078, 74020230 74022285	With balance gear in center

Case / IH®

Engine	Part #	Applications	Casting #	Notes
188 Splined	A151015	430,440,470,480,530,570,580 580B,630,640 Wheel Tractors 310E,310F,310G,350,450 Crawler	976321, A39151 G11740, G11741	Flange: No centering ring, 4 bolt holes, splined 13 groove Snout: Threaded, 2 keyways
188 Bushing	A39150	430,440,470,480,530,570,580 580B,630,640 Wheel Tractors 310E,310F,310G,350,450 Crawler	976321, A39151 G11740, G11741	Flange: No centering ring, 4 bolt holes, bushing installed Snout: Threaded, 2 keyways
207 Non Turbo	A144011	350, 450 Crawler Tractor 580C, 580D Wheel Tractor	976321	Flange: No centering ring, 4 bolt holes Snout: Threaded, no spline, 2 key
D154 2.5L	3110995R91	364, 384, 444 Tractor BD154 Engine		Flange: 4 bolt holes, 2 dowel hole Snout: Threaded on end, 2 key 4 cylinder
D239 3.8L	3144626R91	544, 574, 674, 684 Diesel Tractor TD7E, TD8C Crawler Tractor		Flange: Flat, 7 bolt holes, 1 dowel Helical balance gear in center Snout: Straight, 3 bolt holes
D268 4.4L	3228376R91	510B Loader Neuss Diesel (German Built)		Flange: Flat, 7 bolt holes, 1 dowel Helical balance gear in center Snout: Straight, 3 bolt holes
D358	3059514R1	826, 886, 955XC, 1420, 2826 3088, 3288 (bolt on counterweights)	3059514R1, 3136036R95	Flange: Flat, no centering ring Snout: with gear, 3 bolt holes
D414, DT414	675050C1	966, 1066, 1086 Tractor 815 Combine H65C Loader, E200 Scraper	675050C, 675050C1	Flange: Flat, 8 bolt holes Snout: Straight, 3 bolt holes, 1 keyway
D436, DT436	675051C1	1466, 1566, 1586, 4166, 4186, 100 Hydro Tractors 1460, 1480 Combines	675051C, 675051C1	Flange: Flat, 8 bolt holes Snout: Straight, 3 bolt holes, 1 keyway
DT466 7.6L	675669C93	DT466B, DT466C 3588,3788,4366,4386,5288,5488 TD12, TD15C, TD15E Crawlers	1816975C1, 675591C1 675591C1, 675591C3 675591C4	Flange: Flat, 8 bolt holes Snout: Straight, 3 bolt holes, 1 keyway

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Caterpillar®

Engine	Part #	Applications	Casting #	Notes
3054 4.236 Perkins	1397018 (7C8214)	416, 416C Backhoe TH62/63, TH82/83, TH103 Forklifts CB534/B/C, CB545 Compactors	071Z724149 ZZ90082	Flange: 6 bolt holes, 1 dowel rope seal, light weight Snout: Splined and keyed
3116 3126	1051725	Challenger 35, 45; Lexion Combine 450, 460, 465, 460K Industrial, Truck, Marine	1013228, 105-1725, 4P5121, 7W5206	Flange: Centering ring, 8 bolt hole 1 dowel Snout: Straight w/Gear, 4 bolt hole
3204 318 CID	1W9771	D3,910,916,926,926E,931 Loader IT12,IT14,IT18,IT28 Wheel loader	1W400, 4N0012, 4N1111 6N8290, 7N5137, OR5024	
3208 636 CID	2W0085	225 Excavator, 227 Logger 613, 613B Wheel Tractor Truck & Industrial Vehicular	2W0085, 4N8453, 4N8454, 4N9054 4N9055, 9N0300, 9N0303, 9N0304 9N0305, 9N6202, 9N6220, 9N6221	Flange: Centering ring, 10 bolt holes - not symmetric, 1 dowel Snout: Straight, 1 threaded bolt
D330 350 CID	8M4505	920,922,922B,930,941,944,944A 950,951,955,951B,955H,955K D4,D4C,D4D	2M5170, 2S5570, 4M9950 5M9960, 5S5251, 8M4504 8M4505, 8M4506, 9H2725	Flange: Flat, 9 bolt holes Snout: Taper w/ gear, 1 keyway 1 bolt hole
3304 425 CID	4N7692	920,930,955L,963,922B,944,950 941,941B,951,951B,951C,955K 955L, D4,D4D,D4E Truck & Ind	2P1491,2P1686,2P6213,2P6214 2P6217,3Y1613,4N769,4N7692 4N7694,4N7695,5C3834,5C3835 5S5251,5S5252,9S0771	Flange: Flat, 9 bolt holes Snout: Tapered, 1 keyway 1 bolt hole
3306 3306B 3306C	4N7693	D5,D5B,D6,D6C,D6D,D7,D7F/G 627,627B,637,637B,637D,639/D 966,966C,977,977L,980,980B 977K,977L;12,12E,12F,120,120B, 14,14E,14G,140, 140B, 140G	1P1390,1P1391,2P2824,2P2842 2P6219,2P6221,2W7458,4N7693 4N7696,5C3836,5C3837,5S5870 5S5871,8M4502,9S2270,9S3057	Flange: Flat, 9 bolt holes Snout: Tapered, 1 keyway 1 bolt hole
3406A 3406B (early)	7C4859	Industrial, Truck, Marine 621B,623B; 980, 983 824,825C,826C,980C,983C	1W6206, 1W6207, 2W2300 2W2585, 4N0006, 6N3906 6N3907,7C3536,7C4859,9Y9112	Flange: 12 bolt holes Snout: 12 bolt holes, 1 dowel Rod journal: 3.8192 - 3.8208
3406B 3406C (late)	6I1453	3406 diesel truck, OHC, 24 valve 980F wheel loader	1W6206, 2W2300, 4N0006 4P9121, 6N3906, 7C3536 9Y9112	Flange: 12 bolt holes Snout: 6 bolt holes Rod journal: 3.5425 - 3.5441
3408 (early)	1W6209	631,633,637,639,631D,633D 637D,639D,768C,834B 988, 988B; D8I, D8L	1W6208, 1W6209, 4N0008 4N9442, 7N3407, 7N3408	Flange: 12 bolt holes gear on back Snout: Front, 12 bolt holes
3408 (late)	1W5009	D9R Crawler 988F Loader AD40, AE40, 69D, 769D, 771D haulers	1W5009	Flange: Centering ring, 12 bolt holes, 1 dowel Snout: Centering ring, 12 bolt holes, 1 gear (helical cut)
3412 (helical gear)	1W6213	D10N, D10R Crawler 24H Grader; 772B Wheel tractor 990, 992C Wheel loader		Flange: Centering ring, 12 bolt holes, 1 dowel Snout: Centering ring, 12 bolt hole
3412 (straight gear)	2W4088	D10N, D10R Crawler 24H Grader; 772B Wheel tractor 990, 992C Wheel loader		Flange: Centering ring, 12 bolt holes, 1 dowel Snout: Centering ring, 12 bolt hole

Continental®

Engine	Part #	Applications	Casting #	Notes
Z134 Gas 134 CID	830686M91	Gas Z134, MF35, MF135	830686M91, Z129C205, Z129C500, Z134C500	Flange: Flat, no centering ring, 4 bolt holes, 1 dowel hole Snout: 2 Key ways; With gear

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Cummins®

Engine	Part #	Applications	Casting #	Notes
4B 3.9L 4-390	3907803	580K backhoe Champion: C50, C56, C60, C66, C70, C76, C80, C86	3903827, 3907803 J908031, J918323	Flange: Flat, no centering ring 8 bolt holes, 2 dowels Snout: 4 bolt holes
ISB 4 cyl	4896764	Vehicular	3929027, 4896764 Rear gear: 36 Teeth (width 1.25") Front gear: 36 Teeth (width .40")	Flange: Lip Seal, No Centering Ring, 8 Bolt Holes. Snout: Bolt Holes, 1 Dowel hole, Speed Indicator Ring
6B 5.9L 6-590	3907804	6BT, 6BTA 1896,2096,621,621C,702,721B 721C,821B,821C Loaders	3907804	Flange: Flat, no centering ring 8 bolt holes Snout: 4 bolt holes, no key
ISB 6 cyl	3944243	Vehicular	3942441, 3929627, 3944243 Rear gear: 36 Teeth (width 1.25") Front gear: 36 Teeth (width .40")	Flange: Lip Seal, No Centering Ring, 8 Bolt Holes Snout: 6 Bolt Holes, 1 Dowel Hole, Speed Indicator Ring
6C 8.3L 6-830	3917443	Case: 1660,1666,1670,1680,1688 2166,2188 Champion: 716, 720, 720VHP	390562, 3917320, SE390136	Flange: 8 bolt holes, 1 dowel Snout: Straight, 4 bolt holes
L10 (Early 85-90) 5 bolt holes	3819989	Vehicular Champion: 740, 750, 760, 780 Case/IH: 921 Wheel loader	3027931, 3073707, 3803898, 3819989 (Internally Balanced)	Flange: 8 bolt holes, 2 dowel holes Snout: 5 bolt holes, 1 keyway 3.72" to shoulder of first main jml 3.385" gear boss diameter
L10A 5 bolt holes	3819624	Vehicular	38027931, 3073707, 3803898, 3819989 (External Damper)	Flange: Flat, no centering ring, 8 bolt holes, 2 dowel holes Snout: 5 bolt holes, has pilot, no gear on snout, long
L10 6 bolt holes	3803898	Vehicular	3027931, 3073707, 3803898, 3819989	Flange: 8 bolt holes, 2 dowel hole Snout: 6 bolt holes 2.75" to shoulder of first main jml Gear 1.4" wide
M11 661 CID	3073707	Turbo Diesel, Electronic Fuel System; Vehicular	3073707	Flange: 8 bolt holes, 2 dowel hole Snout: 5 bolt holes
N14 855 CID	3064291	N14-310E, N14-330E, N14-370E, N14-410, N14-460E, Vehicular	3064291	Flange: 6 bolt holes Snout: 6 bolt , 1 key way, no gear
885 Bull nose	3608833	250, 335, NTC 350, NTC400 Wide fillet, Bull Nose, Big Cam	101109,110760,111789,121610 123410,130186,135030,136530 142770,142960,162186,203220 211890,211960 3000140, 3024923, 3608833	Flange: Flat, 6 bolt holes Snout: Straight 6 bolt holes
855 Taper nose	3029340	NT855, Small Cam	101109,110760,111789,121610 123410,130186,135030,136530 142770,142960,162186,181030 187640,196410,208460,208470 3001588, 3029340, 42960	Flange: Flat, 6 bolt holes Snout: Tapered, 1 bolt hole 1 keyway
N743	3029341	NH200,NH220,NHE180,NHE195 NHHT,NHHTO,NT6,NT743 NTE235,NT0262	01231,101109,10846,110760 111786,123410,123410,12821 130186,144016,56711,56712 AR1937,H56711,NH0123	Flange: Flat, 6 bolt holes Snout: Straight, 1 bolt hole, 1 large keyway 1 small keyway

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Cummins® (continued)

V6-155	195240	V378	195240	Flange: 8 bolt holes, 1 keyway Snout: No splines, 5 bolt holes no keyways
V8-210	194840	V504	194840	Flange: 8 bolt holes, 1 keyway Snout: No splines, 5 bolt holes no keyways

David Brown®

Engine	Part #	Applications	Casting #	Notes
195 4 cyl	D917985I	990 Late, AD4/49	D917985	Flange: Flat, no centering ring, 4 unthreaded bolt holes, 1 dowel hole, rope seal Snout: splined, keyed, threaded
219 Small mains	961007	12-1390, 1200, 1210, 1212 1410, 1412 995, 996, AD4/55	917935, 961007 D179935, D905196 Rod journal: 2.498 - 2.4985 Main journal: 2.6240 - 2.6245	Flange: Flat, no bolt holes, 1 dowel, rope seal Snout: Splined, keyed, threaded
219 Large mains	K210100	1490, 1494	D298, D928415, D928416, 43322 Rod journal: 2.9985 - 3.0002 Main journal: 4.4985 - 4.5002	Flange: Flat, no bolt holes, 1 dowel, rope seal Snout: Splined, keyed, threaded

Detroit Diesel®

Engine	Part #	Applications	Casting #	Notes
6V71 426 CID	5146733	Industrial, Vehicular, Truck, Marine	5117906, 5119906, 5146572	Flange: 6 bolt holes Snout: Straight, 1 large bolt hole 3 keyways
6V92 552 CID	8926921	Right hand Industrial, Vehicular, Truck, Marine	5144862, 5145300, 8926921	Flange: Flat, 6 bolt holes Snout: Straight, 1 large bolt hole 3 keyways
8V71 568 CID	5103264	Industrial, Vehicular, Truck, Marine	5103281, 5117908, 5119906 5144867	Flange: Flat, 8 bolt holes Snout: Straight, 1 bolt hole 3 keyways
8V92 736 CID	8926425	Industrial, Vehicular, Truck, Marine	5101588, 5101677, 5144863 8926923	Flange: Flat, 12 bolt holes Snout: Straight, 1 large bolt hole 3 keyways
60 Series 11.1L	8929238	Vehicular	8929238	Flange: Flat, 12 bolt holes Snout: Straight, 1 large bolt hole 3 keyways
60 Series 12.7L	8929239	Vehicular	8929239	Flange: Flat, 12 bolt holes Snout: Centering ring, 12 bolt hole Keyway for gear mounting

Deutz®

Engine	Part #	Applications	Casting #	Notes
F3L912	2931044I	6240, 6250	2931044 (Bolt on Counterweights)	Flange: Centering Ring, 10 Bolt Holes, 1 Dowel Hole; Snout: 1 Bolt Hole
F4L912	2931048I	6240, 6250	2931048 Balance Gear Installed - 78 Teeth	Flange: Centering Ring, 10 Bolt Holes, 1 Dowel Hole; Snout: w/Gear, 1 Bolt Hole, 1 Dowel Pin

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Ford®				
Engine	Part #	Applications	Casting #	Notes
220	EIADDN6303FI	Fordson Major Diesel & Super Fordson Series D 4000 Series tractors	E1ADDNN-D, E1ADDNN-E	Flange: Thin, 6 bolt hole, 1 dowel Snout: 1 big bolt hole 1 long keyway
172 D	EZJL6300BAI	Industrial Engines (55-78) Tractors: 801, 901 Series, 1801 Series, 4000 Series, Wheel loader: 540 Allis Chalmers	B9NN6302B EZJL6300BAI	Flange: 6 bolt hole, 1 dowel hole Snout: Splined, 1 key way with Balance Gear Installed
401 BSD 666	713F6303AAA	3000, 3500, 3600, 3910, 4000 Ford Series D 4100 Tractor	E3HN6303AA, E3HN6303AB E6HN6303CB, E6HN6303CC C7NN6303	Flange: Centering ring, 6 bolt hole 1 dowel Snout: Keyed, 1 bolt hole
175,183,192 BSD 329 4.2 Stroke	E0NN6303AAI	BSD 329, 3000 Series 3000 Super Dexta, 3230,3300,340 3910 Tractor, Gas 4000 Series	C5NNE6303L, C5NE6303R C5NE6305, EN43B	Flange: Centering ring, 6 bolt hole 1 dowel Snout: Keyed, 1 bolt hole
201 BSD333 4.4 Sroke	FONN6303MAI	BSD333, 4000, 4000 Major, 4600 4600SU 535, 540, 545, 555 Backhoe	C5NE6303N, C5TE6303	Flange: Centering ring, 6 bolt hole 1 dowel Snout: Keyed, 1 bolt hole
256 BSD442 4.2 Stroke 76 or 78 tooth	C5NE6303KI (78 tooth gear) C5NE6303KI-76 (76 tooth gear)	5000 Super Major, 5000 Gas 5500, 5550, 5610, 650, 6500 6600, 6700, 7000 Tractor	6110A, C5NE6303K (w/ gear, helical 78 teeth = 5/8" 76 teeth = 1/2")	Flange: Centering ring, 6 bolt hole 1 dowel Snout: Keyed, 1 bolt hole
268 BSD444 4.2 Stroke 76 or 78 tooth	E5NN6303DAI (78 tooth gear) E5NN6303DAI76 (76 tooth gear)	Dorset Diesel 6000, 6600, 7000 7600, 7710 Turbo diesel	D9NN6110AA, D9NN6303A D9NN6303AA, E5NN6303CA E5NN6303FA (w/ gear, helical 78 teeth = 5/8" 76 teeth = 1/2")	Flange: Centering ring, 6 bolt hole 1 dowel Snout: 1 keyway, 1 bolt hole

Isuzu®				
Engine	Part #	Applications	Casting #	Notes
4BD1	51231016315	4BD1 Diesel, 4BD1T Turbo Diesel	5123101631	Flange: Flat, No Centering Ring, 6 Bolt Holes, 1 Dowel Hole; Snout: Threaded, 2 Key Ways

John Deere®				
Engine	Part #	Applications	Casting #	Notes
3-152 3-164 3-179	AT18031	1020,1030,1040,1120,1130,1140 1520,1530,1630,2020,2040,2150 2155,2240,2255,2355,5000,5200 5300,5400,820,830,940	T23516, T23517, T20031	Flange: 4 bolt holes, 1 dowel Snout: 1 bolt hole, 1 keyway, gear
2.9 PT	RE50979	5105, 5205, 5200, 5300, 5400, 5410, 5510, 5510N, 5220, 5320, 5320N, 5400N, 5500N, 5420, 5420N, 5520, 5520N	RE50979, 4101223	Flange: Flat, no centering ring 4 bolt holes, 1 dowel; Snout: w/gear,1 bolt hole, 1 keyway 2-3/8" from end of snout to gear
4-202 4-219 4-239 (Short snout)	AT18030	1640,1830,1840,2020,2030,2040 2120,2130,2250,2360,2450,2510 2750,2850,6200,6300 310B,310C,310D,315C,401C	R23517, R81959, R94644 T23480, T23517, T28743 (4-239 Engine s/n -> 769619)	Flange: 4 bolt holes, 1 dowel no centering ring Snout: 1 bolt hole, 1 keyway, gear
4-239 4039 (Long snout)	RE20585	2755, 6040, 190E 300D, 310C, 315C	23909, 97926, 97928 R121018, R81959, R979266 (4-239 Engine s/n 769620 ->)	Snout: keyway 5/16 x 1-1/8 Long snout: 60 mm longer

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John Deere® (continued)				
4-276D 4-276T	RE56792	340D,440C/D,448D,540B/D,548D 344E,410C,444E,510B/C,610B/C, 450E/G,455E/G,550A/B,550G	R5450, R54501	Flange: 4 bolt holes, 1 dowel pin hole Snout: 1 bolt hole w/ helical gear
4045D 4045T	RE54883	410G,440G,510D Loader 490E Excavator; 540E Skidder 548E Grapple/Skidder	R90825 (Long nose: 3.087" (60mm))	Flange: 4 bolt hole, 1 dowel hole Snout: Gear .871" wide,1 keyway 1 bolt hole on end
4.5 PT	RE50618	Power tech	R113596	Flange: flat, 4 bolt holes, 1 dowel hole; Snout: w/gear, helical 30 teeth, 4 bolt holes
6-303 6-329 6-359 6059	AT22562	2840,2940,2950,2955,3150,4030 444,444C,444CH,444D,540,540A 540E,540G,544,544A,544C,544D 544E,570,570A,570B,710B,710C	A102,AT22562,F1910R, F2729R F2792R,F3315R,F3560R R26550,R40730,RE45541 T23264,T23299,T23480,T23517	Flange: Flat, no centering ring 4 bolt holes, 1 dowel Snout: 1 bolt hole, 1 keyway
6-414D 6-414T 6068D 6068T	RE45517	544B,544C,544D,624E,624G 640,640D,640E,643,643D,648D 648E,648G,653,655B,670,670A 670B,672A,672B,690D	R54619, RE33687	Flange: Flat, 4 bolt holes, 1 dowel Snout: Straight, 1 keyway, 1 bolt hole, 1 front helical gear
6-414D 6-414T 6068D 6068T	RE41763	544B,544C,544D,624E,624G 640,640D,640E,643,643D,648D 648E,648G,653,655B,670,670A 670B,672A,672B,690D	R81113, R104523	Flange: 6 bolt holes
6.8 PT	RE504639	Power tech	R116076	Flange: 6 bolt holes, 1 dowel hole; Snout: w/gear, helical 30 teeth, 4 bolt holes, rolled fillets
4-270 early s/n -> 122999	AR26428	3010, 3020 500, 500A, 500B, 500C, 510	R26540R, R46498	Flange: No centering ring, flat 2 dowels; Snout: With gear, 1 bolt hole, 1 keyway
4-270 late s/n 130000 ->	AR40485	3010, 3020 500, 500A, 500B, 500C, 510	R40570	Flange: Centering ring, 4 bolt hole 2 dowels; Snout: With gear, 1 bolt hole, 1 keyway
6-404D early	AR26431	4000, 4010, 4020 early	R26560	Flange: Flat, 4 bolt holes, 2 dowel Snout: 1 bolt hole, 1 keyway with gear installed
6-404 late 6-466 6076 early s/n -> 187657	RE53422	4040,4230,4240,4430,4440,4450 4630,4640,4650,4830,4840,4850 4960,8430,8440,8450 644,644A,644C,644D,646C,690 690A,690C,693C,740,740A,743 743A,762A,762B,770A,770B,772A 772B,790,790D,792,793D	R53203, R56979 Short nose: 3" Helical timing gear	Flange: Centering ring, 6 bolt hole 1 dowel; Snout: Straight, 1 bolt hole, 1 keyway, w/oil pump drv gr (3.00" long to the shoulder of first main journal to end of snout)
6076 mid s/n 187658 to 499999	RE53201	4455,4555,4755,4760,4955,4960 7700,7800,8560,8570,9960 644E,644EH,644ER,644G,740E 748E,748G,892E	R104855, RE42671 RE63293 Long nose: 3.4"	Flange: Centering ring, 6 bolt hole 1 dowel; Snout: 1 bolt hole, 2 keyway (3.4" long to the shoulder of first main journal to end of snout)
6076 late (short nose)	RG23551	4055, 4255, 4455, 8560, 8570 8100, 8200, 8300 Cotton: 9960, 9970	R104855, R26560, RE42675, RE53203, RE53477, R56506, R56919, R56934, R56979, R63451, R87544A Short nose: 3" Straight timing gear 27 teeth	Flange: Centering ring, 6 bolt hole 1 dowel, w/Oil Pump Drive Gear Snout: 1 bolt hole, 1 keyway, 3" Long from Shoulder of the 1st main jml to the end of the snout

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John Deere® (continued)

Engine	Part #	Applications	Casting #	Notes
6-531 6-619 6101 early s/n -> 499999	AR92533	8630, 8640, 8650 644B, 646B, 700, 700A, 760, 760A 762, 770, 770A, 772A, 850, 855, 860 860B, 862, 862B, 890, 892A, 992D	R36350, R57730, R63476 R63478, AR47403, AR69264 AR78403	Flange: Flat, 6 bolt holes Snout: Straight, 1 bolt hole, 1 large keyway, 1 small keyway

Komatsu®

Engine	Part #	Applications	Casting #	Notes
743 Cummins	6623-31-1111		AR1937	Flange: Flat, 6 bolt holes Snout: Straight, 1 bolt hole, 1 large keyway, 1 small keyway
S6D95	6207-31-1110	Dozer: D37E-2 Crawler: D31, D37 Excavator: PC1200	6206, 6206-6, 6207-31-1110	Flange: Flat, no centering ring, 6 bolt holes, 1 dowel hole Snout: 1 bolt hole, 1 keyway
S6D105	6136-31-1110	Crawler: D41 Grader: GD505, GD525 Excavator: PC200	6136-31-1110, 6138-31-1110	Flange: Flat, no centering ring, 6 bolt holes, 1 dowel hole Snout: 1 bolt hole, 1 keyway

Mack®

Engine	Part #	Applications	Casting #	Notes
E6	45GC5113			
E7	57GC2145	E7 Diesel	456-CFG-5128, 456-CFG-5137	Flange: Flat, no centering ring, 6 bolt holes, 1 shallow dowel hole Snout: Straight, 1 bolt hole

Mitsubishi®

Engine	Part #	Applications	Casting #	Notes
4D31	ME013668	FE Turbo Diesel Truck	ME013668	Flange: Centering Ring, 6 Bolt Holes, 1 Dowel Hole Snout: Splined, 2 Key Ways

Navistar®

Engine	Part #	Applications	Casting #	Notes
6.9L 421CID 7.3L 444CID	1805420C1		1803420C1, 1805420	
DT360	1809953C91	DT360, DTA360 Diesel Truck Trucks: 1987-1993 International	1809953C91, 1809954C1	Flange: Flat, No Centering Ring, 8 Bolt Holes Snout: w/2 Gears, 1 Key Way, 3 Bolt Holes
DT466 7.6L	675669C93	DT466B, DT466C 3588, 3788, 4366, 4386, 5288, 5488 TD12, TD15C, TD15E Crawlers	1816975C1, 675591C1 675591C1, 675591C3 675591C4	Flange: Flat, 8 bolt holes Snout: Straight, 3 bolt holes, 1 keyway

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Perkins®				
Engine	Part #	Applications	Casting #	Notes
3.152 Rope	31312436	MF Ag: 135,148,230,240,250,254 255,350,353,355,360,363,550 MF Ind: 20B,20D,20E,20F,30E 40,40E,C4500	026005M1, 31312419, 31312436 31312441, 736532M91, 84402 SD260034, U5B60031	Flange: Flat, 6 bolt holes, 1 dowel Snout: Keyed, 1 bolt hole Bolt on counterweights Rope seal
3.152 Lip	31312701	MF Ag: 135,148,230,240,250,254 255,350,353,355,360,363,550 MF Ind: 20B,20D,20E,20F,30E 40,40E,C4500	026053M, 31312701, 31312707 31315135, 3637410M91, 94458 94464, U5BG0027, ZZ90078 ZZ90150	Flange: Flat, 6 bolt holes, 1 dowel Snout: Keyed, 1 large bolt hole Bolt on counterweight Lip seal
4.108 Rope	31315824	445, 4600M, L555 Skid Loader E146 Loader, M434-4 Trencher Industrial, Marine	31315824	Flange: Flat, No Centering Ring, 5 Bolt Holes, Rope Seal Snout: 1 Bolt Hole, 2 Key Ways
4.203 Rope	31315145	A4.203, AD4.203 MF-155, 158, 165, 65, 650, 765 MF Ind: 50	026008M1, 31315138, 31315145 31315148, 31315167, 31315184 3638473M91, 742742M91, 84407 85811, 92484, 92485, U5BG0017 ZZ90121	Flange: Flat, 6 bolt holes, 1 dowel Snout: Keyed, 1 bolt hole Rope seal
4.203 Lip Splined nose	31315181	Hyster Challenger 860C Forklift	026032M1, 94441, 94454, 94455 31315181, 31315182, 31315184 ZZ90111, 742344M91	Flange: Flat, 6 bolt holes, 1 dowel Snout: Splined, 1 bolt hole Lip seal
4.203 Lip	31315184	A4.203, AD4.203 MF-155, 158, 165, 65, 650, 765 MF Ind: 50	026032M1, 31315182, 31315184 742344M91, 94441, 94454 94455, ZZ90111	Flange: Flat, 6 bolt holes, 1 dowel Snout: Keyed, 1 bolt hole Lip seal
4.236 Lip	31315631	MF Ag: 165,174,265,274,275,284 373,377,383,387,565,575 MF Ind: 30D,50,50B,50D,50E	26042, 31315631, 31315641 31315664, 31315871, 73629M91 85821, 94433, 94434, U5BG0052 ZZ9082, ZZ90122	Flange: Flat, 6 bolt holes, 1 dowel Snout: 1 keyway, 1 bolt hole Splined Lip seal
4.263 Lip	3639541M1	MF165, 174, 174-4S, 184-4S, 265, 274, 274S, 275, 284, 284-4S, 373, 377, 383, 387, 565, 575	31315870, 31315980, 31315881	Flange: Flat, no centering ring, 6 bolt holes, 1 dowel hole Snout: Splined, 3 bolt, 1 keyway
4.236 Rope	31315884	MF168,MF175,MF274,MF275 MF285,MF3050,MF365,MF373 MF375,MF377,MF383,MF387 MF440;Combine MF565, 575, 675 Ind: 50,50B,50E/EX, 50H/HX	31315601, 31315663, 31315851 31315870, 31315881, 31315884 31315980, 3131599F, 68050 68609, 84421, 84422, U5BG0026 ZZ90108	Flange: Flat, 6 bolt holes, 1 dowel Snout: Splined and keyed Light Weight Rope seal
4.248 Rope	31315911	Ag: MF-178,185,188,194-4F,285 290,294S,294-4S,390,393,397 590,3060 Ind: MF50E, 60H	31315870, 31315881, 31315921 31315980, 3637789M91, 85721 U5BG0054, ZZ90093	Flange: Flat, 6 bolt holes Snout: Straight, splined, 1 bolt hole 1 keyway Rope seal
4.248 Lip	31315981	Ag: MF-178,185,188,194-4F,285 290,294S,294-4S,390,393,397 590,3060 Ind: MF50E, 60H	31315870, 31315881, 31315980 31315982, 31315991 3637401M91, 94435, 94436 U5BG0024, ZZ90081, ZZ90143	Flange: Flat, 6 bolt holes, 1 dowel Snout: Keyed & splined,1 bolt hole Heavy weight Lip seal

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Perkins® (continued)				
Engine	Part #	Applications	Casting #	Notes
6.354-4 Lip	3131H021	A6.354.4, T6.354.4 Tractor: 3525,3545,3630,3650 Combine: 550,750,850,860	3131H021, 3637404M91 68076, U5BG0035, ZZ90086	Flange: Flat, 12 bolt holes, 1 dowel Snout: Keyed nose, 3 bolt holes 2 keyways Lip seal
6.354-2 Rope	31322317	MF 27,29,31,500,510,515,520 525,535,699,800,805,840,845 1014,1100,1134,1200,2620,2640 2645,2680,2685,2720,2725	31322317, 31322321, 31322322 31322351, 31322421, 31323202 31323207, 31323251, 31325016 31325019, 31325022, 31325023 31325025, 31325028, 31325036 31325042, U5BG0045, ZZ90089	Flange: Flat, 12 bolt holes Snout: 1 large bolt hole, 1 keyway Splined Rope seal
6.354-2 Lip	31323262	A6.354,A6.354.1,A6.352.2,A6.372 MF27,29,31,500,515,520,525,530 535,699,800,805,840,845,1014 1100,1134,1200,2620,2640,2680 2685,2720,2725	31323261, 31323262 94443, 94460, 94468 U5BG0048, ZZ90090	Flange: Flat, 6 bolt holes, 1 dowel Snout: Splined & keyed, 1 bolt hole Lip seal
6.354-4 Rope	3637408M91	399,699,1014,1114,1134,1250 2620,2640,2645,2680,2685,2720 2725,3080,3090,3650 Combine: 24,27,29,31,530,535 560,565,620,625,660,665,750	U5BG0037, ZZ90113	Flange: 12 bolt holes Snout: 3 bolt holes, 2 keyways

Scania® (continued)				
Engine	Part #	Applications	Casting #	Notes
674 11.0L 6 cyl	A46616	Case tractor: 2870, 4890, 4894	A46616, 56163M	Flange: Flat, no centering ring 8 bolt holes, 3 dowel holes Snout: with gear, 1 bolt hole 1 key way