



## CRANKSHAFT

We also manufacturer many other Crankshafts so please ask.  
 We also manufacturer Crankshafts as per customers specifications.

Part Nos. / References are given only for cross reference

REF NO.	CYLINDER	MAKE	MODEL	REF.NO./PART NO.
90136		AIR COMPRESSOR	KNORR COMPRESSOR (MERCEDES) 3 RINGS PISTON 88MM	S-51332
90137		AIR COMPRESSOR	KNORR COMPRESSOR (MERCEDES) 4 RINGS PISTON 88MM	S-53567
90138		AIR COMPRESSOR	WAPCO COMPRESSOR (MERCEDES) 90 MM PISTON	411041-6906
90075	4 CYL.	ALLWYN NISSAN	PICKUP VAN	12200V1301
90122		ANDORIA	AS 320	
90003	2 CYL.	ARMSTRONG	SIDDLEY	
90059	4 CYL.	BEDFORD	J-4 220	9960061
90060	6 CYL.	BEDFORD	J-6 330	3026365 / 9960063
90131		BLACKSTONE	JP	
90132		BLACKSTONE	OP	
90006	4 CYL.	BMC	1.5 BRITISH LEYLAND U.K	12H533
90007	4 CYL.	BMC	3.013 / BMC 1.5 SVA	1.5 / 37D212/ 80476
90008	4 CYL.	BMC	154 TRACTOR	37D812
90026	3 CYL.	CASE	P/N 3J84	
90027	4 CYL.	CASE	MODEL 336 SMALL JOURNAL	A166001
90028	6 CYL.	CASE		A58860 / A136106 / A154305
90029		CASE	MODEL 188 SPLINED	151015
90030		CASE	MODEL 450B & 580C ENGINE	144011
90010		CATERPILLAR	MODEL 3204 WITH GEAR	1W 9771
90023	6 CYL.	CATERPILLAR	MODEL 3116 / 3126KODIAK	1051725 4W3498
90070	4 CYL.	DAIHATSU	88.00MM	DL/DJ
90040	4 CYL.	DAVID BROWN	MODELS 990, AD 4/49	K961007 / D917985
90041	4 CYL.	DAVID BROWN	MODELS 995,996,1200,1210, 1212, AD 4/55	K210100 / D905196 / D179935 / 9179351
90024		DETROIT	DIESEL 6 V 53	
90011	1 CYL.	DEUTZ	F1L5 511 7.7 HP	0223 3635
90012	1 CYL.	DEUTZ	F1L 511 5HP	
90013	1 CYL.	DEUTZ	F4L 411	
90014	2 CYL.	DEUTZ	F2L 511/D/W	0415 2745
90015	3 CYL.	DEUTZ	F3L 912/D/W	0415 2646 / 0292 9338
90016	4 CYL.	DEUTZ	F4L 912/D/W WITHOUT CENTER GEAR	0415 2903 / 0213 8819 / 0292 9340
90017		DEUTZ	F1L5 511 7.7 HP	0415 2903
90018	6 CYL.	DEUTZ	F6L 912/D/W ASPIRATED	0415 1011 / 0292 9342
90019	6 CYL.	DEUTZ	F6L 913 ASPIRATED	0213 9148
90020	6 CYL.	DEUTZ	BF6L 913/C/T TURBO	0292 9345 / 0213 9405
90135	1 CYL.	DEUTZ	FL 912	



# Reliable Engineering House

MANUFACTURERS EXPORTERS OF SPARE PARTS FOR  
AUTOMOBILE, TRACTORS & DIESEL ENGINES,



REF NO.	CYLINDER	MAKE	MODEL	REF.NO./PART NO.
90036	3 CYL.	FIAT TRACTOR	6 B 450	4785106
90037	3 CYL.	FIAT TRACTOR	7 B 480	4682232
90038	4 CYL.	FIAT TRACTOR	7 B 50NC	4653287
90039	4 CYL.	FIAT TRACTOR	6 B 640-640 DT	4602840
90034		FORD	172 DIESEL	CS34
90111	3 CYL.	FORD 3000 SERIES	FORD 3000 3600...STROKE 4.2"	C5NE-6303-R ECNN-63038-A
90031	4 CYL.	FORD 5000 SERIES	FORD 5000 5600...STROKE 4.2" (GEAR 78 TEATH)	C5NE-6303-K
90032	4CYL.	FORD 6000 SERIES	FORD 6000 6600 6700 7000 7600....STROKE 4.4" (GEAR 76 TEATH) BSD 444	D9NN- 6303-AA / E5NN-6303-FA
90033	4CYL.	FORD 6610 SERIES	STROKE 4.4" (GEAR 78 TEATH)	E5NN6303DA
90035	4 CYL.	FORDSON EBRO	FORDSON MAJOR & SUPER MAJOR / 3.010. FORDSON SERIES / D 220 MODEL	EIADDN-6303-F
90025		GENERAL MOTORS	V8- 455	
90048	4 CYL.	IFA	W 50 DIESEL ENGINE	0692-01
90098		INTERNATIONAL HARVESTER	444 ENGINE / B275	3110995R91
90099	4 CYL.	INTERNATIONAL HARVESTER	INTERNATIONAL D-239 3.9 LTR.	3144626R92 / 3132752R3
90100	4 CYL.	INTERNATIONAL HARVESTER	INTERNATIONAL D-268 WITH BALANCER & PULLEY GEAR	3228376R91
90101	4 CYL.	INTERNATIONAL HARVESTER	INTERNATIONAL DT-206, 654 WITH BALANCE & PULLEY GEAR	3132968R91
90102	4 CYL.	INTERNATIONAL HARVESTER	INTERNATIONAL D-358 WITH COUNTER WEIGHT & PULLEY GEAR	
90069	4 CYL.	ISUZU-NPR	C-190 PICKUP VAN	8942517290
90103	3 CYL.	JOHN DEERE	3164,3179,3152 WITH PULLEY GEAR	AT-18031 / T-23516
90104	3 CYL.	JOHN DEERE	4219, 4239, 4039 SHORT NOSE WITH PULLEY GEAR	AT-18030 / T-23517/ RE33197
90105	4 CYL.	JOHN DEERE	NOSE 60MM 4219,4239,4039 WITH PULLEY GEAR	RE-20585
90106	4 CYL.	JOHN DEERE	6329, 6359 WITH PULLEY GEAR	AT-22562 / C/S 6000
90107	4 CYL.	JOHN DEERE	4279 LONG NOSE WITH PULLEY GEAR	RE 54883 / RE 33485 / RE 90825D
90108	4 CYL.	JOHN DEERE	4276 D/T WITH PULLEY GEAR	RE 56792
90109	6 CYL.	JOHN DEERE	6414 D/T, 6068 D/T 4 BOLT HOLE WITH PULLEY GEAR	R 54619 / AR63024 / RE45517 / RE33687
90110	4 CYL.	JOHN DEERE	4045/POWERTECH WITH PULLEY GEAR	
90116		KIRLOSKAR	AV 1	
90117		KIRLOSKAR	TV 1	
90118		KIRLOSKAR	AV 2	
90119		KIRLOSKAR	TV 2	
90120		KIRLOSKAR	DM 10	
90121		KIRLOSKAR	DM 20	



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REF NO.	CYLINDER	MAKE	MODEL	REF.NO./PART NO.
90123		KUBOTA	GA 70	
90139		KUBOTA	ER-40	
90004	4 CYL.	LADA	PETROL FIAT 1100	1100LADA / BA 869699
90058		LEYLAND	LEYLAND 400,401,402,411 BRITISH LEYLAND U.K.	F3336611 /CCJ0004
90133		LISTER	ST 1	
90134		LISTER	ST 2	
90126		LOMBARDINI	LD 450	
90127		LOMBARDINI	510 MARINE	
90071	4 CYL.	MAZDA	PICKUP VAN SWARAJ MAZDA	SL01 11 301 C
90072		MAZDA	B1600	F030511301
90049	4 CYL.	MERCEDES	OM 616 TEMPO TRAVELLER	616.403.11.701
90050	4 CYL.	MERCEDES	OM 314 KNURLLED	314.030.62.02 /314.030.60.02 / 314.030-55.02 / 314.030.33.02/ 314.030.49.02
90051	4CYL.	MERCEDES	OM 314 SCROLLED	314.030.61.02 / 314.030.52.02 /314.030.32.02 / 314.030.20.02 /314.030.55.01 / 314.030.50.02
90052	6 CYL.	MERCEDES	OM 321 TATA 1210 SE SCROLLED	321.030.12.02 / 252.303.100.104/ 252.303.200.103
90053	6 CYL.	MERCEDES	OM 321 TATA 1210 SE KNURLLED	321.030.202
90054	6 CYL.	MERCEDES	OM 352 911B-SCROLLED TATA- 1516,1510,1312 (INTERGRATED COUNTER WEIGHTS)	352.030.32.02/352.030.74.02/352. 030.34.02/352.030.68.02
90055	6 CYL.	MERCEDES	OM 352 911C- KNURLLED TATA- 1516,1510,1312(INTERGRATED COUNTER WEIGHTS)	352.030.64.02/352.030.37.02/352. 030.58.02/352.030.70.02/ 352.030.46.02
90056	6 CYL.	MERCEDES	OM 364	374.030.0002/364.030.0602/364.0 30.1002/364.031.1201/364.031.13 01
90057	6 CYL.	MERCEDES	OM 366 A/L KNURLLED	366.030.0702/366.031.1201/366.0 30.1102
90064	4 CYL.	MITSUBISHI	COLT T-120 M- 111 JAPAN	
90065	4 CYL.	MITSUBISHI	CANTER M111	ME013667 / 11-220
90124		MITSUBISHI	NM 75	
90125		MITSUBISHI	NM 90	
90140		MITSUBISHI	NM-45, NM-55	
90005	4 CYL.	MORRIS	AMBASSADOR OXFORD O.H.V. PETROL	IH 753
90073	4 CYL.	NISSAN	J18	
90074	4 CYL.	NISSAN	E16	



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AUTOMOBILE, TRACTORS & DIESEL ENGINES,



REF NO.	CYLINDER	MAKE	MODEL	REF.NO./PART NO.
90076		PERKINS	3.152/D3.152 KEYED NOSE ROPE SEAL MF 35,135,148,254 / PERKINS A3,152,AD3.152 /MF INDUSTRIAL 20B,20D, 20E,30E,30H,40 / MF LANDINI C4500,R-DT5500	31312419/31312436/3131244184 402/026005MI/ZZ90116/ ZZ90084/U5BG0031/3637454M91 /ZZ90148/736485MI
90077		PERKINS	3.152 SPLINED NOSE ROPE SEAL	84399 / 31312437
90078		PERKINS	3.152/D3.152 KEYED NOSE LIP SEAL MF 35,148,254,230,240,250,254S, 255 ,550 / MF INDUSTRIAL 20B,20D,20E,20F,30E,30H,40 / MF LANDINI C4500,R-DT5500 / PERKINS AD 3.152	31312701 / 31312707 / 94458,94464/026053M /ZZ90078 / U5BG0027 / 3637410M91 / ZZ90150 / 94154MI
90079		PERKINS	3.152 SPLINED NOSE LIP SEAL	31312702 / 31312704 / 94463 / 94459
90080		PERKINS	4.203/D4.203 KEYED NOSE ROPE SEAL MF 65,165,765, PERKINS A4,192,A4,203,AD 4.203 / MF INDUSTRIAL 50 / MF LANDINI R- DT6000	31315138 / 31315145 / 31315148 / 31315167 / 31315184 / 84407 / 85811 / 92484/ 92485 / 026008MT / 742742M91 / ZZ90121 / UBG0017
90081		PERKINS	4.203/D4.203 SPLINED NOSE ROPE SEAL	
90082		PERKINS	4.203/D4.203 KEYED NOSE LIP SEAL MF 65,158,165,765 / MF INDUSTRIAL 50 / MF LANDINI R-DT6000 PERKINS A4.203	1315182 / 31315184 / 026032M1 / 26033 / ZZ90111 / 26032 / 742344M91/ 94455 / 94441 / 31315182
90083		PERKINS	4.203/D4.203 SPLINED NOSE LIP SEAL	31315181
90084		PERKINS	4.248 SPLINED NOSE/ ROPE SEAL (HEAVY WEIGHT) MF178,185,188,194-F,285, 294S-4S,393,397/ MF INDUSTRIAL 50E/EX.60H, 60H "S" SERIES / MF LANDINI R-DT8500,C7800,C7830 / PERKINS A4-248,4.248	94434 / 7340893MI /31315911/31315912 / 85721/ 84422 / ZZ90093 / U5BG0054 / 3637789M91 / 31315933 / 730863M1



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REF NO.	CYLINDER	MAKE	MODEL	REF.NO./PART NO.
90085		PERKINS	4.248 SPLINED NOSE/LIP SEAL (HEAVY WEIGHT) MF 265,274,274S,274SK,275,285,285,284S4-S,365,373,375,377,383,387,565,575,675,3050194-F,285,294S4S,393,397,178,185,188 MF-LANDINI R-DT6550,C6830,R-DT7550,R-DT7530F MF-LANDINI R-DT8500 PERKINS A4.236,A4.248,4.284 MF COMBINES 440 /MF INDUSTRIAL 50,50B,50E/EX,50H/HX 'S' SERIES, 50E/EX, 60H,60H 'S' SERIES	31315981/ 31315982 / 31315991 / 94435 / 94436 / ZZ90082 / ZZ90081 / U5BG0024 / 3637401M91 / ZZ90143 / 741747M1
90086		PERKINS	4.236 SPLINED NOSE/ ROPE SEAL (LIGHT WEIGHT) MF 1 68, 175,265,274S,274SK,275,285,284-4S,365,373,375,383,387,565, 575, 675, 3050 MF-LANDINI R-DT7500, R-DT6550,D6830, R-DT7530F / PERKINS 4.236 / MF-COMBINES 440 / MF-INDUSTRIAL 50,50B,50E/EX,50H/HX,50H/HX 'S' SERIES.	31315881 / 31315884 / 31315601/ 31315663/ 3135851 / 84421 / 84422 / 68050 / 68609 / ZZ90108
90087		PERKINS	SPLINED NOSE/ROPE SEAL THREE HOLES FOR PULLEY FITTINGS ON NOSE	U5BG0026 / 31315664
90088		PERKINS	4.236 SPLINED NOSE / LIP SEAL (LIGHT WEIGHT) MF 168, 175 MF LANDINI R-DT7500 / PERKINGS 4.236	31315831/ 31315631 / 31315641/ 31315664 / 85821/ 94433 / 94434 / 26042 / 26046/ U5BG0052 / ZZ90122 / ZZ90082 / 736829M91 / 741750M1
90089		PERKINS	4.212/D4.212 KEYED NOSE/ ROPE SEAL	85719 / ZZ90100 / ZZ90076
90090		PERKINS	4.212/D4.212 KEYED NOSE/LIP SEAL	94430 / ZZ90077
90091		PERKINS	6.305 KEYED NOSE/ ROPE SEAL	31323146 / 84433 / 026020N



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REF NO.	CYLINDER	MAKE	MODEL	REF.NO./PART NO.
90092		PERKINS	6.354-4 KEYED NOSE/ ROPE SEAL MF399,699,1014,1114,1134,1250,2620,2640,2645,2680,2685,2720,2725,3080,3090,3650 / MF-COMBINES 24,27,2929XP,31,530,535,560,565,620,625,660,665,750,800,805,825 / MF-LANDINI R-DT1000, R-DT100005,R-DT12500,R-DT100005,R-DT12500,R-DT13000,MKII,R-DT14500 MKII, R-DT14500 MKII / PERKINS A6.372.4	U5BG0037 / ZZ90113 / 3637408M91
90093		PERKINS	6.354-4 KEY NOSE/ LIP SEAL MF 2705,3525,3545,3630,3650 / MF COMBINES 550, 750,760,850,860 MF LANDINI R-DT14500 / PERKINS A6.354.4, T6.354.4	31314021 / 313111021/ 68076 / ZZ90086 / 3637404M91 / ZZ90113 / 748751M1
90094		PERKINS	KEYED NOSE/LIP SEAL (3 HOLES FOR PULLEY FITTING)	U5BGOO35313H021
90095		PERKINS	6.354-4 NITRADED KEYED NOSE/LIP SEAL	3131H022 / ZZ90105
90096		PERKINS	6.354-2 SPLINED NOSE/ ROPE SEAL MF 1100,1014,1200 / MF COMBINES 500,510,515,520,525,620,/ MF LANDINI R- DT9500,R-DT /PERKINS A6.354.1,A6.354.2, A6.372,A6.372.1	31322361/ 31322316 / 31322317 / 31322363 / 31322364 / 68063 / ZZ90089 /U5BGOO45 / 742150M1 / 736902M1
90097		PERKINS	6.354-2 SPLINED NOSE / LIP SEAL MF 1100,1014,1200 / MF COMBINES500,510,515,520,525,620,625 / MF LANDINI R-DT9500, R-DT10000 R-DT100005 / PERKINS A6.354,A6.354,A6.354.2,A6.372, 6.372.1A6.354.2,A6.372,A6372.1	31323261/ 31323262 / 94468 / 94460 / 94443/ ZZ90090 / U5BGOO48 / 742160M1 / 742161M1
90112		PETTER	PH 1	
90113		PETTER	PH 2	
90114		PETTER	AV 1	
90115		PETTER	AV 2	
90001	4 CYL.	PEUGEOT	404	
90002	6 CYL..	PEUGEOT	504	
90042	4 CYL.	ROMANIA (UTB)	UTB 65	UTB 650 / 10303010
90043	4 CYL.	ROMANIA (UTB)	UTB 66	UTB 660 / 10303020
90022		RUSSIAN T-25	(INTERGRATED COUNTER WEIGHT)	



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REF NO.	CYLINDER	MAKE	MODEL	REF.NO./PART NO.
90062		SUZUKI	SJ-410 1000CC ENGINE MARUTI GYPSY	12221-75101 / 1221-75102
90063	3 CYL.	SUZUKI	LJ-80 800CC ENGINE	12221-73001 / 1221-78401
90066		TOYOTA	12R	1341131902
90067		TOYOTA	5R	1341144022
90068		TOYOTA	2B DIANA/BU 30	1340156021
90021		URSUS	360 (ZETTOR TYPE) 6 HOLES	
90009	4 CYL.	VOLKSWAGEN	1600	
90061	4 CYL.	WILLYS JEEP	CJ 3B PETROL	647.078
90128		YANMAR	TS 60	
90129		YANMAR	NP 16	
90130		YANMAR	N22Y	
90044	2 CYL.	ZETTOR	2011 CZECHOSLOVAKIA	20010301
90045	3 CYL.	ZETTOR	3011 CZECHOSLOVAKIA	30010301
90046	4 CYL.	ZETTOR	4011 CZECHOSLOVAKIA	40010301
90047	4 CYL.	ZETTOR	INTEGRATED COUNTER WEIGHT	