



HYDRAULIC PARTS FOR HEAVY DUTY MACHINES











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ENGINE & SEALING COMPONENTS

ITEM	PICTURE	PAGE
CRANKSHAFT SEALS		1
PISTON LINER O-RINGS		3

HYDRAULIC SPARE PARTS

ITEM	PICTURE	PAGE
CONNECTING ROD	CONNECTING ROD 	4
	BOLT FOR CONNECTING ROD 	5
GEAR PUMP KIT		6
GASKET FOR HYDRAULIC PUMP		7
STEEL/FRICTION PLATE		8
PILOT PUSHER	PILOT VALVE 	9
	CONNECTOR 	10
	UNIVERSAL JOINT 	12

ITEM	PICTURE	PAGE
HYDRAULIC CYLINDER PISTON RING		13
RELIEVE		14
COUPLING		15
O-RING KIT		17
CONTROL VALVE O RING KITS		19
BUCKET O RING		20

CRANKSHAFT SEALS



BRAND	ENGINE NO.	DESCRIPTION	PART NO.	N NO.
KOMATSU	4D95/S4D95/6D95	FRONT TC 62*85*12	6204-21-3510	AE3297
KOMATSU	4D95/S4D95	REAR DB 95*120*17	6141-21-1332	AW9063
KOMATSU	S6D102	FRONT 63.5*79.5*8	6731-21-4220	
KOMATSU	S6D102	REAR 130*150*14.5	6736-21-4220	
KOMATSU	6D105	FRONT TC 65*90*13	6136-21-3510	AE3409
KOMATSU	6D105	REAR DB 105*135*18	6130-22-4231	HMSD, KOYO-CR
KOMATSU	6D105	REAR 105*135*13		AH8279E
KOMATSU	6D108	FRONT TC 65*90*13	6136-21-3510	AE3409
KOMATSU	6D108	REAR DC 125*150*14		
KOMATSU	6D125	FRONT TC 92.07*120.65*12.7	6150-21-3230	AE3963G
KOMATSU	6D125	REAR DC5 152*180*14		
KOMATSU	6D140	FRONT TC 92.07*120.65*12.7	6150-21-3230	AE3933
KOMATSU	6D140	REAR TC5Y 152*180*17	6150-21-4242/43	BW2410E
ISUZU	4BD1/6BD1/6BG1	FRONT 60*82*12 w/felt	109625-4380	
ISUZU	6BD1	REAR 100-135-15		
ISUZU	6BG1/6BD1	REAR 105*135*14.7 w/felt		
ISUZU	6SD1T	FRONT HTBKY 120*150*15		BZ4763E
ISUZU	6SD1T	REAR 114*150*19.5 w/felt		
ISUZU	6SD1T	REAR HTBKY 120*150*15		BX4762E
ISUZU	6RB1	FRONT 70*92*12/18		
ISUZU	6RB1T	REAR 128*148*14 VT		
ISUZU	4HF1	104*139*13		
KOBELCO	6D10/6DS7	REAR HTC5 100*125*12.5		
KOBELCO	6DC20	FRONT 85*110*13		
KOBELCO	6D14	FRONT 72*94*12		
KOBELCO	6D14	REAR 108*180*18		BZ2374E
KOBELCO	6D15	FRONT		
KOBELCO	6D15	REAR		
KOBELCO	6D22T	FRONT 95*120*13		
KOBELCO	6D22T	REAR 135-157.4-12.5		
KOBELCO	6D22	101.5*125*13		
KOBELCO	6D31T	FRONT 55*78*12		AE3055
KOBELCO	6D31T	FRONT 55*78*8		
KOBELCO	6D31T	REAR 100*124*15		
KOBELCO	6D34T	FRONT 55*78*12		ME024156
KOBELCO	6D34T	REAR 100*120/158*16		

CRANKSHAFT SEALS



BRAND	ENGINE NO.	DESCRIPTION	PART NO.	N NO.
	S6KT S6KT - U.S. S6KT - JAPAN	FRONT TCK 70*95*13 W/FELT REAR 115*150*15 W/FELT REAR 122*150*14		5I7656/AE3527G 5I7660/AZ4291 BH3673E
HINO	H07C	FRONT 65*88*12/19		
HINO	H07C	REAR 106*126*12		
HINO	EM100	FRONT 75*100*13/20		
HINO	EM100	REAR 123*150*12/18		
OTHERS	6151-21-4160	149.7*180.25*17.3/25		
OTHERS	7C4297	157.3*186.5*9.6/27		
OTHERS	9Y9895	66.4*93.97*12.7/25.4		
OTHERS	7W3202/7W3200	127*152.6*10.5/18.2		
OTHERS	AH-3618-0	HTCKY 75*100*13		
OTHERS	KOYO/CR	HMSAH 95*120*10RT		
OTHERS	KOYO/CR	HMSA 120*140*12/18		
OTHERS	KOYO/CR	MHSA 22*36*7		
OTHERS	FD33	FRONT 62*85*13		AE3298E
OTHERS	FD33	REAR 105*135*9		
OTHERS	1Z	FRONT 55*77.5*8.5		
OTHERS	1Z	REAR 95*115*8.5		
OTHERS	2B	REAR 95*115*12		
OTHERS	AH8298	116*146*12/18		

PISTON LINER O-RINGS



PART NO.	COLOR	MATERIAL	ID(mm)	W(mm)
110-2220	RED	SILICONE	137.5	4.4
2W6134	BLACK	EPDM	113.5	1.08
5S6670	BLACK	SILICONE	116.8	4.3
6150-21-2230	RED	SILICONE	129.3	4.3
6150-21-2240	BLACK	SILICONE	130.7	4.3
6150-21-2250	BLACK	SILICONE	132.4	3.52
6150-11-8810	ORANGE	SILICONE		
11231	GREEN	SILICONE	136.4	2.06
11232	GREEN	SILICONE	143.1	4.01

CONNECTING ROD



BRAND	ENGINE NO.	PART NO.
KOMATSU	6D95/4D95	6204-31-3101
KOMATSU	S6D95	6207-31-3500
KOMATSU	S6D102	6732-31-3101
KOMATSU	S6D105	6136-31-3101
KOMATSU	SA6D108	6221-31-3100
KOMATSU	6D125	6150-31-3100
KOMATSU	S6D125	6150-31-3200/6151-31-3105
KOMATSU	6D107	6737-32-3120
KOMATSU	6D114	
KOMATSU	4TNV94	
KOMATSU	3D84	
CAT	S6KT	517668,34319-01010
CAT	C6.4 / C4.2	
MITSUBISHI	6D31T	ME012265
MITSUBISHI	6D34T	
MITSUBISHI	S6D16	23510-93C10
MITSUBISHI	6D16	
MITSUBISHI	6D14T/6D15T/6D16T	ME072119
MITSUBISHI	S6D34	
ISUZU	6BD1T	FN3029
ISUZU	6BG1	1-12230129-1
HITACHI	ZAX200/350 (4HK1 / 6HK1)	
KOBELCO	SK200-8 (J05E / J08E)	




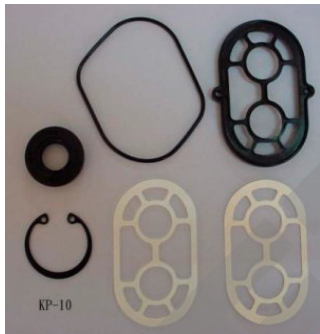



BOLT FOR CONNECTING ROD



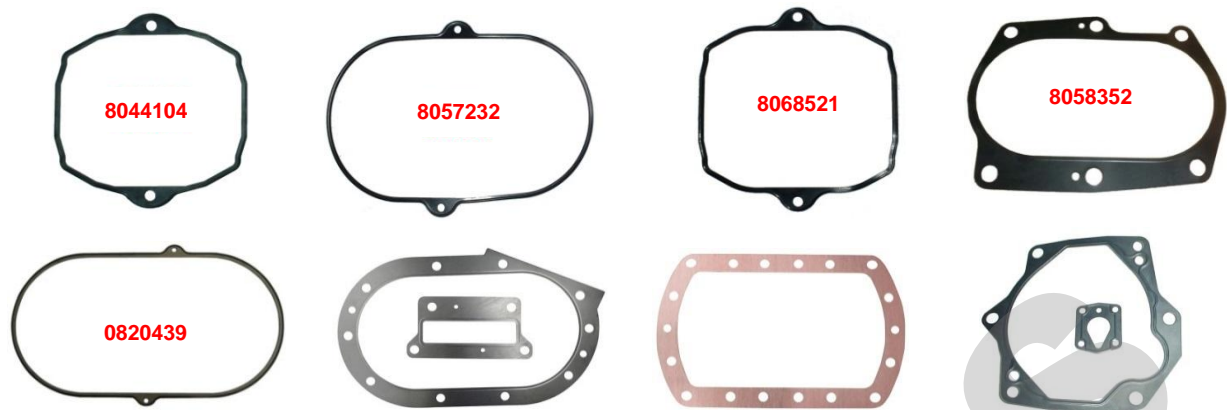
PICTURE	ENGINE NO.	PART NO.
	6BG1/6BD1	
	6D105	6136-31-3101
	6D125/S6D125	6150-31-3100
	4D95/6D95 6207/6204	6204-31-3310/6207-31-3101
	S6KT/6D31T	34319-01010/ME012265
	6D108 6D102 6D16	6221-31-3100

GEAR PUMP KIT



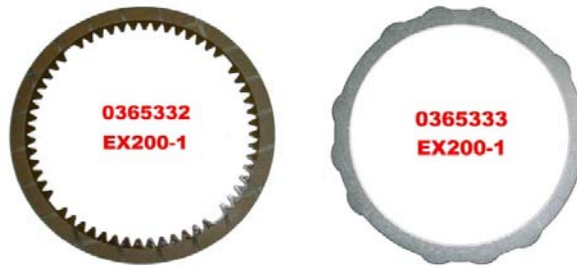
PICTURE	TYPE	ITEM& DESCRIPTION	PART NO.
	KRP4	UH-083/KRP4	4125731
	PUMP PART NO. 307002-4650	EX200-3/5	4206167/4276918
	PUMP PART NO. 307002-4210	EX200-1/EX300-1/EX400-1	4181700
	KP-10	KP-10 SK/E200B	2437U157F1
	KP-15	320/B/C KP-15	
		320 GEAR PUMP VT	
	SPG1	Gear Pump	

GASKET FOR HYDRAULIC PUMP



BRAND	MODEL	PART NO.
HIT	EX200-1	8044104
HIT	EX200-2,ZAX350,EX-400	8057232
HIT	EX-200-3, EX270, EX-300-1, EX300-5, EX300LC-5, EX330LC-5, EX350H-5, EX350K-5, EX370-5, ZAX330, 330LC, 350H, 370	8068521/8046112
HIT	EX200-5/6, EX220LC-5, EX230H-5, EX270-5, EX270LC-5, EX280H-5, ZAX200-E, 210,230,240,270	8058352
HIT	ZAX450, 450LC, 450H, 450LCH, 460LCH, 480MT, 480MTH, 450-3, 450LC-3, 470H-3	0820439
HIT	UH172, UH07-5, UH50, UH801, UH122,	4070166
CAT	320D, 325D, 324D, 538LL, 558LL, 548LL, 322C, 320C, 325C, 538GF, 558GF, 548GF, M325C, M325D, 326FL, 328DLCR, 323DL, 329D, 326F, 329F, 321D, 319CLN, 330D, 329D, 323E, 329E, 324E	1297855/1297857
CAT	320B, M325B, 325B, 322B, 225D, 229, 219, 320L, 325L, 325, 225B, 322L, 215B, 231D, 322, EL300B, 219D, 322N, 321B, 320, 215D, 229D, 215C, 325L, 215B, E300B, 320S	9T3382
VOLVO		923989
Deere	450DLC, 470GLC, 450CLC	0820439





STEEL/FRICTION PLATE



SWING MOTOR	MODEL	PART NO.	
SG08E(MFB160)	E200B/MS180-8/LS2800F	993800/LMM0336	14S
SG08E(MFB160)	E200B/MS180-8/LS2800F	993801/LMM0337	14F
KMF90	PC200-5	706-75-92150	15F
KMF90	PC200-5	706-75-92140	15S
HMT045/SG08E	EX100/EX100-1T/M/EX12	3033493	16F
HMT045/SG08E	EX100/EX100-1T/M/EX12	3033493	16S
HMT107	EX200	3037401	17F
HMT107	EX200	3032432	17S
M2X170	EX200-1	0365332	1F
M2X170	EX200-1	0365333	1S
M2X96	EX200-2/SK200-5	0409224	2F
M2X96	EX200-2/SK200-5	0409225	2S
M2X120/M5X130	EX200-3	0425119	3F
M2X120/M5X130	EX200-3	0425120	3S
M2X146	EX200-5	0667620	5F
M2X146	EX200-5	0667621	5S
M2X210	EX300-1	0365428	18F
M2X210	EX300-1	0365429	18S
MAG170	SH200	LZM0228/20461-59503	19S
MAG170	SH200	LZM0310/20461-59403	19F
DUMP TRUCK		381-922541-1	6F
DUMP TRUCK		381-922551-1	7F
DUMP TRUCK		381-922549-1	7S
DUMP TRUCK		381-922539-1	6S
MFB80/SG04			9F
MFB80/SG04		103-15-32711	9S
		706-75-91350	11F
		706-75-91340	11S
TRM		419-15-12290	8F
TRM		419-15-12310	8S
TRM	D-31	103-15-32711	13F
TRM	D-31	103-15-42711	12F

PILOT VALVE



PICTURE	MODEL	PART NO.
	SK200-6E SK200-8	YN30V00095F1 YN30V00111F1
	KOMATSU PC60, 100, 120, 200-6 ~ 7, 220, PC 300, 350, 400	702-16-01050
	HITACHI ZAX230, 240	9233096
	EX200-5, ZAX200-1/3 ZAX60 ~ ZAX400	9239583

CONNECTOR



PICTURE	ITEM	MODEL	Part No.
	PC200-6/7 702-16-53170	KOMATSU PC200-6 / PC200-7	702-16-53170
	PC200-3/5	KOMATSU PC200-3 / PC200-5	
	ZAX-230/240	HITACHI ZAX230 / ZAX240	9759157 9759158
	ZAX-200-3	HITACHI ZAX200-1 / ZAX200-3	
	EX200-1 CONNECTOR+SEAT+SEAL 9104360	HITACHI EX60 ~ EX400	9104360
	EX200-2 CONNECTOR+SEAT+SEAL	HITACHI EX60, EX200-2 EX120-2, EX120-5 EX200-5	9101515


CONNECTOR



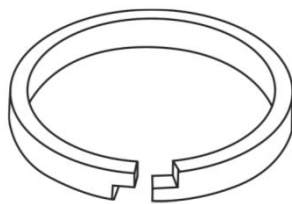
PICTURE	ITEM	MODEL	Part No.
	SK-200 2436U1277R100	KOBELCO SK120, SK-200 SK-220, SK-300 SH120	2436U1277R100
	SK-200-6E SK-200-8	SK-200-6E SK-200-8	
	E200B / E320B 096-1628	KOBELCO SK-013/015 KATO IHI 15G/30G/40G	096-1628
	LS	SUMITOMO	
	DH220-3	DAEWOO	
	DH220-5	DAEWOO	

UNIVERSAL JOINT



PICTURE	MODEL	PART NO.
	SK200 / SK200-8 / HD / E200B	2436U944S301
	PC200-3 / -5 PC300-5	702-16-52212
	PC200-5 / -6 / -7 / -8	702-16-51240
	ZAX210 / EX200-5	4335060
	EX200	4285209

HYDRAULIC CYLINDER PISTON RING



MATERIAL:IRON

ITEM	OD	PART NO.
Piston Ring-090	90	707-44-90911
Piston Ring-095	95	707-44-95911
Piston Ring-100	100	707-44-10411
Piston Ring-105	105	707-44-10911
Piston Ring-115	115	707-44-11920
Piston Ring-120	120	707-44-12911
Piston Ring-125	125	707-44-12921
Piston Ring-130	130	707-44-13911
Piston Ring-135	135	707-44-13920
Piston Ring-140	140	707-44-14910
Piston Ring-150	150	707-44-15911
Piston Ring-160	160	707-44-16910
Piston Ring-185	185	707-44-18920
Piston Ring-125	125	4431271
Piston Ring-130	130	4431272
Piston Ring-105	105	131-21-43520
Piston Ring-190	190	131-21-43510



RELIEVE



MODEL	PART NO.
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FOR KOMATSU:

PC200-3	Ass'y no. 708-25-01064
PC200-5	Ass'y no. 708-25-04012
PC200-6	Ass'y no. 704-24-24420
PC300-6	Ass'y no. 705-41-08001

PETSEALS

COUPLING



ITEM		MODEL
COUPLING 2A		GENERATOR
COUPLING 2AS		
COUPLING 4A		EX-40
COUPLING 4AS		LIFT TRUCK
COUPLING 8A		
COUPLING 8AS		LIFT-TRUCK
COUPLING 16A		PC60
COUPLING 16AS		PC40-5
COUPLING 22A		
COUPLING 22AS		
COUPLING 25A		LIFT-TRUCK
COUPLING 25AS		
COUPLING 28A		EX120-2
COUPLING 28AS		
COUPLING 30A		MS-070
COUPLING 30AS		EX60/EX120-2
COUPLING 50A		SK-120,MS-110/MS-140
COUPLING 50AS		EX120-1
COUPLING 50AC	14T	E-200B
COUPLING 50ACM	14T	
COUPLING 50AM	16T	MS180-8
COUPLING 50ASM	20T	LS2800
COUPLING 90A		GENERATOR
COUPLING 90AS		
COUPLING 140A		BAR LIFT
COUPLING 140AS		
COUPLING 16H		
COUPLING 16H PU		
COUPLING 25H		
COUPLING 25H PU		
COUPLING 30H		BLADE GRADER
COUPLING 30H PU		BLADE GRADER
COUPLING 35H		ZAX120
COUPLING 35H PU		ZAX120

COUPLING



ITEM	MODEL
COUPLING 40H	EX200-2
COUPLING 40H PU	EX200-2
COUPLING 45H	ZAX210/200,EX200-5
COUPLING 45H PU	ZAX210/200,EX200-5
COUPLING 50H	EX200-1~2/SK200
COUPLING 50H PU	EX200-1~2/SK200
COUPLING 90H	SK210/235/250
COUPLING 90H PU	SK210/235/250
COUPLING 110H	EX220/270/300,LS-3400
COUPLING 110H PU	EX220/270/300,LS-3400
COUPLING 140H	HD880,HD1250
COUPLING 140H PU	HD880,HD1250
COUPLING 160H	
COUPLING 160H PU	330
COUPLING 240H	
COUPLING 240H PU	SK450

O-RING KIT



PICTURE	DESCRIPTION	MATERIAL
	PG SERIES	NBR70 NBR90
	AS SERIES	NBR70 NBR90
	MM SERIES	NBR70 NBR90
	HITACHI SERIES	NBR 90
	4C-8253	SILCONE
	4C-4782	NBR90
	D-RING 4C-4784	NBR90

O-RING KIT



PICTURE	DESCRIPTION	MATERIAL
	KOMATSU SERIES	NBR90
	KOMATSU SERIES contains high pressure polyurethane o ring 21T series 10 sizes for hydraulic hose fittings and standard 07000-1 series 20 sizes, 239 pcs	PU / NBR90
	JASO SERIES	NBR90
	AS568 SERIES	FKM70
	E12979373 O-RING KIT	FKM70
	BRASS O RING PICK SET	BRASS

CONTROL VALVE O RING KITS



MODEL	PART NO.
FOR HITACHI:	
ZAX200	4S00689
EX200-5	4S00690
EX200-2 / EX200-3	4S00691
ZAX200-3	4S00727
ZAX330	4S00735
ZAX330-3	4S00736
ZAX230	4S00762
ZAX240-3	4S00763

BUCKET O RING



	MODEL	PART NO.
CAT	304CR	146-2932
	307C	093-1341
	312/313	093-1342 / 3678465
	320	093-1344 / 3678467
	330	093-1345 / 3678468
	345,etc	093-1349
Hitachi	EX100-1	4152726
	EX200/ZX200	4089028
	EX300/2/3/5, EX350/350-5, ZX330/350, ZX330-3/350-3	4100180
	EX40/VIO30	4094085 • 4237801
	EX60-5	4391692
	EX120/ZX120	4276696
	EX35U, EX36UE, ZAXIS35U, ZAXIS50U, ZAXIS35U-2	4275533
	EX35U, EX36UE, ZAXIS35U, ZAXIS50U, ZAXIS35U-2	4291436
	ZX450, etc (with bolt & nut)	4487682
Kobelco	SK20SR	PM61B01119P1
	SK30SR-5	PW61B01074P1
	SK40	PH61B01044P1
	SK60	2445Z912
	SK100	2445Z887
	SK120	2445Z869
	SK200	2445Z1136
Komatsu	PC30	140-30-16220
	PC40/VIO30	141-30-36290
	PC60-6	175-30-16210
	PC120-6	203-70-44470
	PC200-6	205-70-73280
	PC300-8	207-70-33181
	PC450/450, etc	208-70-33181
	WA500-3 (with bolt & nut)	425-70-11170

BUCKET O RING



MODEL		PART NO.
Kubota	U-30	RC411-66850
	U-40/U-50	RD411-66890
	U-20	68721-66850
	RX306	68761-66850
Sumitomo	SH120	KHV0113
	SH120-3	KHV0112
	SH125/125-X3	KHV0111
	SH125/125-X3	KHV0114
	SH125/125-X3	KHV0115
	SH75, etc	KHV0035
	SH200-5, etc	KHV0117
Yanmar	VIO30/VIO40-1	172142-81620
	VIO40-2	172125-81280
	B7	172162-82360
	VIO20, etc	172171-81270
Volvo	EC210 (with bolt & nut)	VOE14880692
	EC210	VOE14880692
	EC460	SA9524-00146
	EC290	VOE14880693
	EC460	SA9524-00200/14880695
JOHN DEERE	160DLC, 690DLC, 690ELC, 200LC, 180GLC, 200DLC, 225CLC, 225DLC, 790DLC, 790ELC, 230LC, 230CLC, 240DLC, 250GLC, 792DLC, 270LC, 290GLC	4089028
	450CLC, 450DLC, 470GLC (with bolt & nut)	4487682



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