



HIGH GRADE MATERIAL SEAL KIT

高級材質シールキット

HIGH SEALING TECHNOLOGY

TOMOHI Seal Kit List.

Excavator etc. Cylinder Seal Kit

KOMATSU ➤	PC—HD—WA—D—GD
HITACHI ➤	EX—ZX—UH
KOBELCO ➤	SK
KATO ➤	HD
SUMITOMO ➤	SH—LS
CAT ➤	MM—MS—E
VOLVO	
HYUNDAI	

TOMOHI JAPAN

www.tomohi.jp



**HIGH SEALING TECHNOLOGY
CYLINDER REPAIR SEAL KIT**

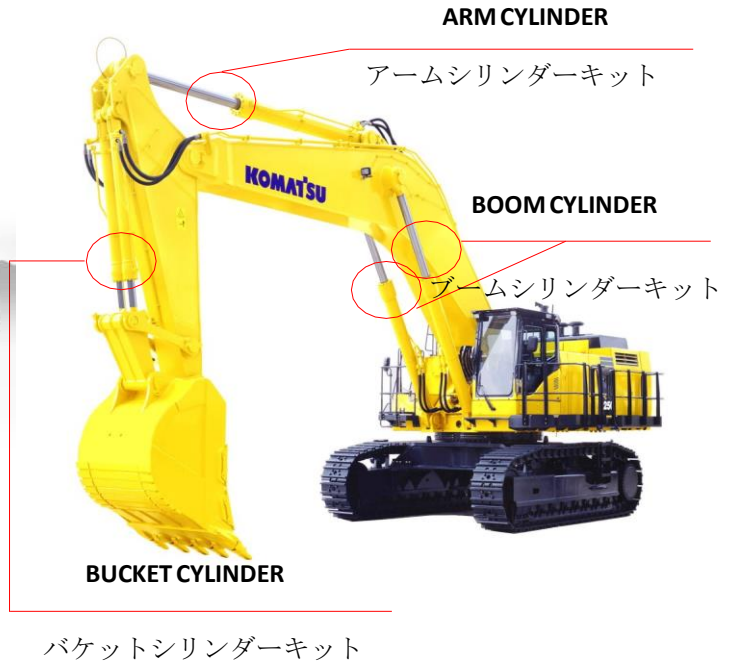


HIGH GRADE

Made in Japan

www.tomohi.jp
Made in Japan

CYLINDER SEAL KIT in EXCVATOR and etc.



EQUIPMENT

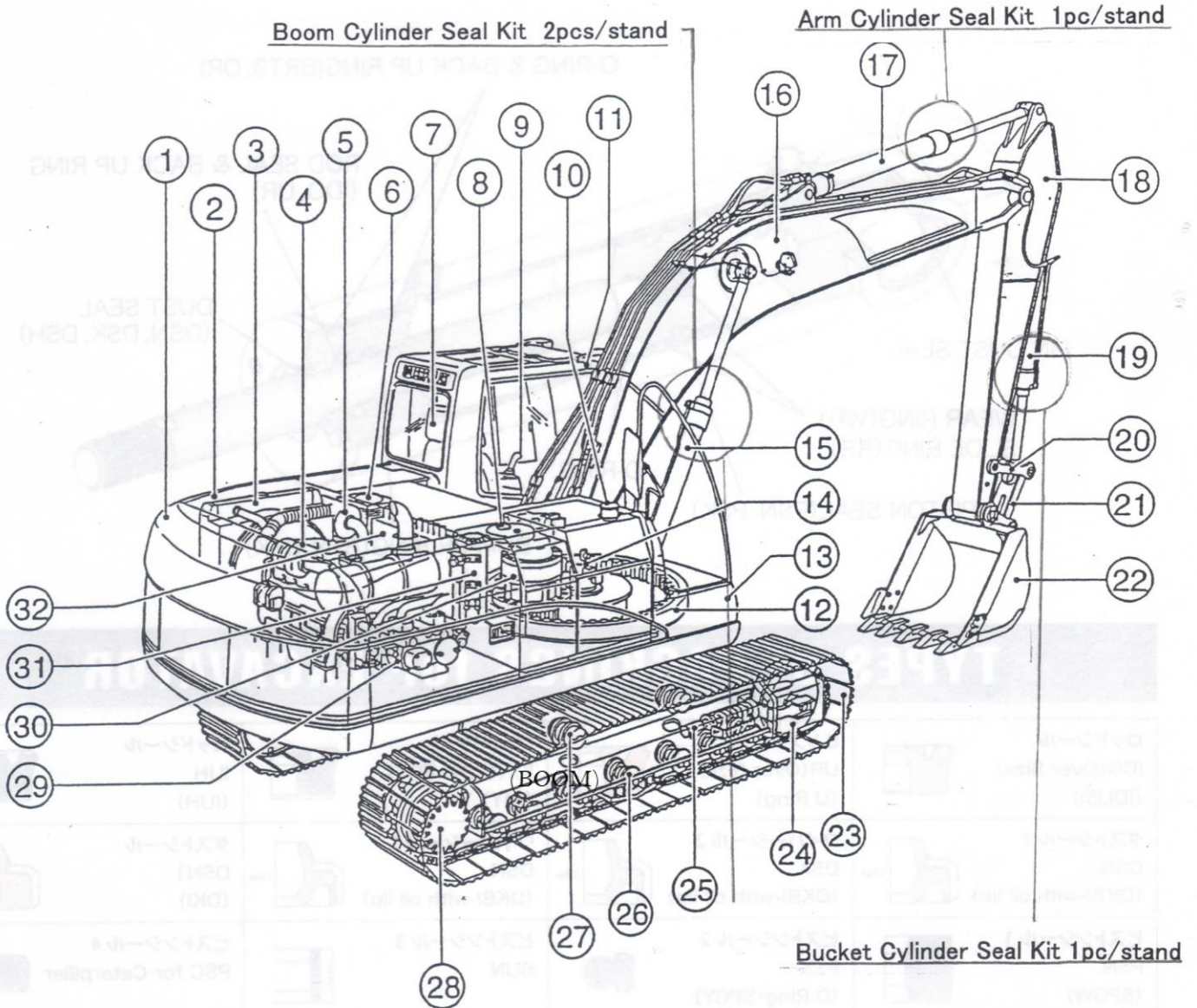


TOMOHI SEAL KIT



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油圧式パワーショベルの各部名称

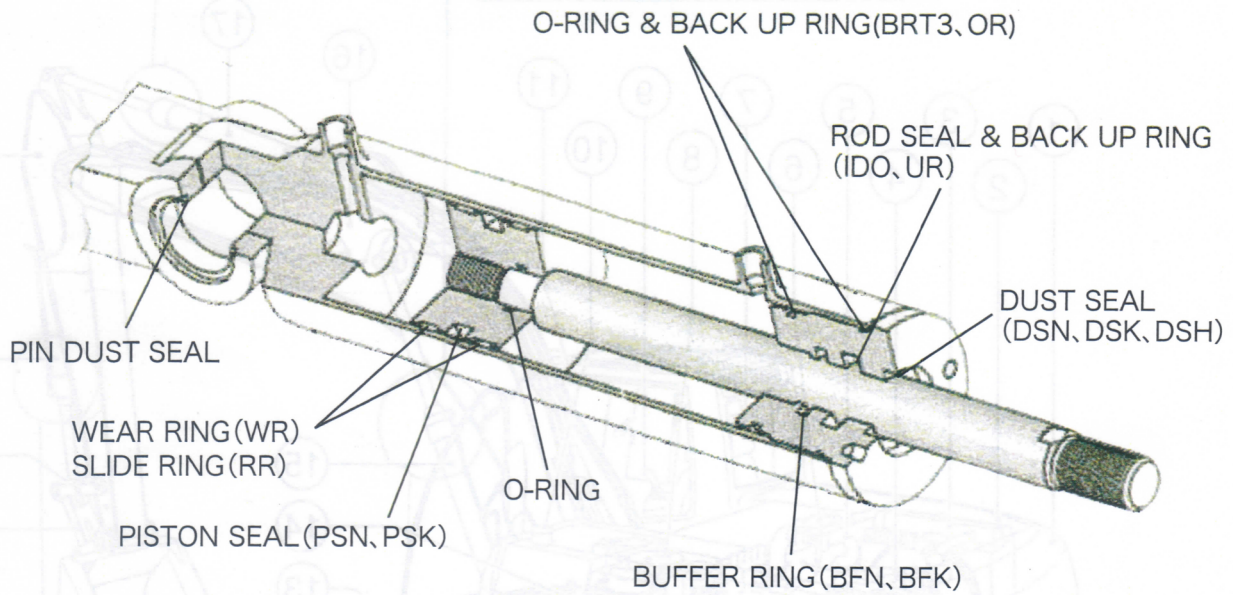


- ① カウンタウエイト
- ② エンジン カバー
- ③ ラジエータ&オイル クーラ
- ④ エンジン
- ⑤ エア クリーナ
- ⑥ バッテリ
- ⑦ オペレータ シート
- ⑧ ハイドロリック タンク
- ⑨ コントロール レバー
- ⑩ フュエル タンク
- ⑪ キャブ

- ⑫ スイング ベアリング
- ⑬ ストレージ ボックス
- ⑭ スイベル ジョイント
- ⑮ ブーム シリンダ (BOOM)
- ⑯ アーム シリンダ (Arm)
- ⑰ アーム (Arm)
- ⑱ バケット シリンダ (Bucket)
- ⑳ リンク
- ㉑ ロッド
- ㉒ バケット

- ㉓ トラック
- ㉔ アイドラ
- ㉕ トラック アジャスタ
- ㉖ トラック ローラ
- ㉗ キャリヤ ローラ
- ㉘ ファイナル ドライブ
- ㉙ ポンプ
- ㉚ スイング ドライブ
- ㉛ カプセル フィルタ
- ㉜ コントロール バルブ

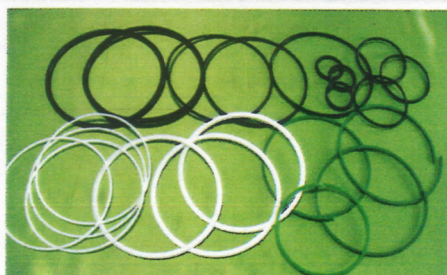
APPLICATION EXAMPLE for HYDRAULIC CYLINDER



TYPES of PACKINGS for EXCAVATOR

ロッドシール IDO (Over Size) (IDI, ISI)		U リング UR (Over Size) (U Ring)		ロッドシール IUN (IUH+BRT) (IUY)		ロッドシール IUH (IUH)	
ダストシール 1 DSN (DKBI-with oil lip)		ワイパーシール 2 DSK (DKBI-with oil lip)		ワイパーシール 3 DSH (DKBI-with oil lip)		ダストシール DSN1 (DKI)	
ピストンシール 1 PSN (SPGW)		ピストンシール 2 PSK (D Ring・SPGY)		ピストンシール 3 BUN		ピストンシール 4 PSC for Caterpillar	
バッファリング 1 BFN (HBY)		バッファリング 2 BFK (SRH45B)		バッファリング 3 BFO (HBTS)		ウェアリング 1 WR (茶色 FB)	
ウェアリング 2 WR (グレイ FG)		スライドリング SR (KZT)		バックアップリング (Oリング用) BRT P & G (PTFE)		バックアップリング (ピストン用) BRNG (Green)	
バックアップリング (ロット用) BRT BRN (Bz40) (MOS2)		O リング OR 1BP OR 1BG (NBR 90)		クッションシール CS		ロッドリング RR	

EXCAVATOR REPAIR PACKINGS



IHI 20JX SH20JX			IHI same SH 30J			IHI same SH 30JX		
Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer
Boom		○40559/-	Boom		○456512/-	Boom		○456512/-
Arm	UNKNOWN	○35458/-	Arm	UNKNOWN	○45609/-	Arm	UNKNOWN	○45609/-
Bucket		○35458/-	Bucket		○40508/-	Bucket		○40508/-

IHI same SH30UJ			IHI same SH30UJ-2			IHI same SH30UJ-3		
Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer
Boom		○45609/-	Boom		○456512/-	Boom		○456512/-
Arm	UNKNOWN	○45609/-	Arm	UNKNOWN	○45609/-	Arm	UNKNOWN	○456512/-
Bucket		○40508/-	Bucket		○40559/-	Bucket		○40508/-

IHI same SH32 J			SH35J/35JX			IHI same SH40JX		
Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer
Boom		○456512/-	Boom		○507012/-	Boom		○50659/-
Arm	UNKNOWN	○456512/-	Arm	UNKNOWN	○45609/-	Arm	UNKNOWN	○50659/-
Bucket		○40559/-	Bucket		○40559/-	Bucket		○406012/-

IHI same SH40UJ-2			IHI same SH45J			IHI same SH45J-2		
Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer
Boom		—	Boom		—	Boom		—
Arm	UNKNOWN	—	Arm	UNKNOWN	○507012/-	Arm	UNKNOWN	○507012/-
Bucket		—	Bucket		○55709/-	Bucket		○55709/-
			BLADE		○40559/-			○40559/-

IHI same SH55J-2			SH55U-1			SH75U-1/2 SH55U-2		
Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer
Boom		—	Boom		—	Boom	LQU0099	○70859/HBY
Arm	UNKNOWN	—	Arm	UNKNOWN	—	Arm	LQU0095	○60759/HBY
Bucket		—	Bucket		—	Bucket	LQU0096	○55709/HBY

SH60-1/2. LS160F2/F2B			SH70U-2			SH55U-2 SH75U-1/2		
Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer
Boom	LQU0094/LQU0201	○65809/HBY	Boom	LQU0241	—	Boom	LQU0099	○70859/HBY
Arm	LQU0095/LQU0223	○60759/HBY	Arm	LQU0242/LQU0223	○60759/HBY	Arm	LQU0095	○60759/HBY
Bucket	LQU0096/LQU0224	○55709/HBY	Bucket	LQU0224	○55709/HBY	Bucket	LQU0096	○55709/HBY

SH75X-3 UH75U-3			SH75U-3 SH75X-3/75U-3			SH75X-3 SH75X-3B		
Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer
Boom	UNKNOWN	○70859/HBY	Boom	LZ00470/00609	○70859/HBY	Boom	LZ00470/00609	○70859/HBY
Arm	LZ00469	○60759/HBY	Arm	LZ00469	○60759/HBY	Arm	LZ00469	○60759/HBY
Bucket	LZ00473	○55709/HBY	Bucket	LZ00473/00439	○55709/HBY	Bucket	LZ00473/SELF3018	○55709/HBY

SH200-2 SH100-1			SH100-1 SH100-2			SH120-1/2		
Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer
Boom	LQU0115	○70859/HBY	Boom	LQU0115	○70859/HBY	Boom	LQU0114/LQU0202	○75909/HBY
Arm	LQU0134	○80959/HBY	Arm	LQU0134	○80959/HBY	Arm	LQU0125/LQU0203	○80959/HBY
Bucket	LQU0126	○70859/HBY	Bucket	LQU0126	○70859/HBY	Bucket	LQU0126/LQU0115	○70859/HBY

SH120-2 New			SH120-3			SH130-5 SH120-5		
Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer
Boom	LZ00539	—	Boom	LZ00427/LZ00448	○70859/HBY	Boom	LZ009310	○70859/HBY
Arm	LZ00447	—	Arm	LZ0428/LZ00449	○80959/HBY	Arm	LZ009350	○80959/HBY
Bucket	LZ00522	—	Bucket	LZ0429/LZ00450	○65809/HBY	Bucket	LZ008750	○65809/HBY

SH135X-2/3 SH125X-3 耐熱材 UR/HBY			SH120-5 SH130-5 耐熱材 UR/HBY			SH135U-1		
Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer
Boom	LZ00439	○75909/HBY	Boom	LZ009310	○70859/HBY	Boom		—
Arm	LZ00543/SELF3017	○80959/HBY	Arm	LZ009350	○80959/HBY	Arm	UNKNOWN	○80959/HBY
Bucket	LZ00429/SELF1089	○65809/HBY	Bucket	LZ008750	○65809/HBY	Bucket		○70859/HBY
BLADE	LZ00457/SELF2139	○						
SH135U-2			SH135X-3 SH135X-2			SH135X-2 SH135X-3		
Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer
Boom	LQU0116	○75909/HBY	Boom	LZ00439	○75909/HBY	Boom	LZ00439	○75909/HBY
Arm	LQU0216	○80959/HBY	Arm	LZ00428/LZ00543	○80959/HBY	Arm	LZ00428/LZ00543	○80959/HBY
Bucket	LQU0126	—	Bucket	LZ00429/LZ010700	○65809/HBY	Bucket	LZ00429/LZ010700	○65809/HBY
SH145U-1			SH150-1			SH20-3 SH200-1		
Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer
Boom	LZ00439	○75909/HBY	Boom	LQU0164	—	Boom	LQU0130/LZ00536	○851009/HBY
Arm	UNKNOWN	○80959/HBY	Arm	UNKNOWN	—	Arm	LQU0138/LZ00537	○10012012/HBY
Bucket	UNKNOWN	○70859/HBY	Bucket	LQU0166	—	Bucket	LQU0142/LZ00534	○80959/HBY
SH200-1 SH200-2			SH200-1 SH200LPC-2			SH200(LC)-3		
Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer
Boom	LQU0130/LZ00536	○851009/HBY	Boom	LZ00536	○851009/HBY	Boom	LZ00374/	○851009/HBY
Arm	LQU0138/LZ00537	○10012012/HBY	Arm	LZ00537	○10012012/HBY	Arm	LZ00375/LZ011080	○951109/HBY
Bucket	LQU0142/LZ00534	○80959/HBY	Bucket	LZ00534	○80959/HBY	Bucket	LZ00376/LZ008860	○80959/HBY
SH200-3			SH200-3 ゼノア			SH200HD-3		
Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer
Boom	LZ00445	○851009/HBY	Boom	LZ00661	○8510010/HBY	Boom	UNKNOWN	—
Arm	LZ00446	○951109/HBY	Arm	LZ00667	○9511010/HBY	Arm	UNKNOWN	—
Bucket	LZ00447	○80959/HBY	Bucket	LZ00670	○809310/HBY	Bucket	LZ00660	○851009/HBY
SH200 Z3			SH200-5 SELF3028			SH210-5		
Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer
Boom	LZ010950/LZ00374..	○851009/HBY	Boom	LZ010930	○851009/HBY	Boom	LZ007630	○851009/HBY
Arm	LZ011080/LZ00375	○951109/HBY	Arm	LZ011200	○1001159/HBY	Arm	LZ007640	○1001159/HBY
Bucket	LZ010860	○80959/HBY	Bucket	LZ010940/SELF3028	○851009/HBY	Bucket	LZ007650	○851009/HBY
SH200-2 SH220-1			SH200-1 SH220-2			SH220-2 New		
Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer
Boom	LQU0132	○901059/HBY	Boom	LQU0132	○901059/HBY	Boom	LZ00533	—
Arm	LQU0140	○10512512/HBY	Arm	LQU0140	○10512512/HBY	Arm	LZ00646	—
Bucket	LQU0144	○901059/HBY	Bucket	LQU0144	○901059/HBY	Bucket	LZ00671	—
SH220-3			SH220LC-3			SH225X-3 SH225X-3B same		
Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer
Boom	LKU0118	○901059/HBY	Boom	LZ00369/LZ0042	○901059/HBY	Boom	LZ00369	○901059/HBY
Arm	UNKNOWN	○1051209/HBY	Arm	LZ00443	—	Arm	LZ00344/LZ00375	○951109/HBY
Bucket	LKU0118	○901059/HBY	Bucket	LZ00444	—	Bucket	LZ00376	○80959/HBY
SH225X-3B SH225X-3 same			SH240-3			SH240-5 耐熱材 UR/HBY		
Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer
Boom	LZ00369	○901059/HBY	Boom	LZ00369/LZ010970	○901059/HBY	Boom	LZ008130	○901059/HBY
Arm	LZ008960	○951109/HBY	Arm	LZ00372	○1051209/HBY	Arm	LZ008050	○1051209/HBY
Bucket	LZ008860	○80959/HBY	Bucket	LZ00373	○901059/HBY	Bucket	LZ008160	○901059/HBY

SH300-1		
Type	Part No	Rod/Buffer
Boom	LQU0043/LZ00538	○10012012/HBY
Arm	LQU0180/LZ00531	○11013012/HBY
Bucket	LQU0172/LZ00528	○9511512/HBY

SH300-1 New		
Type	Part No	Rod/Buffer
Boom	LZ0033	—
Arm	LZ0034	—
Bucket	LZ0034	—

SH300-2B			SH300-2		
Type	Part No	Rod/Buffer	Type	Part No	Rod/Buffer
Boom	LQU0173	○10012012/HBY	Boom	LQU0173	○10012012/HBY
Arm	LQU0180	○11013012/HBY	Arm	LQU0180	○11013012/HBY
Bucket	LQU0172	○9511512/HBY	Bucket	LQU0172	○9511512/HBY

SH300-2		
Type	Part No	Rod/Buffer
Boom	LQU0173	○10012012/HBY
Arm	LQU0180	○11013012/HBY
Bucket	LQU0172	○9511512/HBY

SH330-3		
Type	Part No	Rod/Buffer
Boom	LZ00477/LZ00483	○1001159/HBY
Arm	LZ00478/LZ00484	○12014012/HBY
Bucket	LZ00476/LZ00482	○1051209/HBY

SH330-1		
Type	Part No	Rod/Buffer
Boom		OUR10011510/HBY
Arm	UNKNOWN	—
Bucket		UR10512512/HBY

SH300-3		
Type	Part No	Rod/Buffer
Boom	LZ00477	○1001159/HBY
Arm	LZ00478	○12014012/HBY
Bucket	LZ00476	○1051209/HBY

SH330-3B		
Type	Part No	Rod/Buffer
Boom	LZ007300	○10011510/HBY
Arm	LZ007320	○12014012/HBY
Bucket	ZX007310	○10512512/HBY

SH350-3		
Type	Part No	Rod/Buffer
Boom	LZ007300	○10011510/HBY
Arm	LZ007320	○12014012/HBY
Bucket	LZ007310	○10512512/HBY

SH350-3		
Type	Part No	Rod/Buffer
Boom	LZ007300	○10011510/HBY
Arm	LZ007320	○12014012/HBY
Bucket	LZ007310	○10512512/HBY

SH300-2		
Type	Part No	Rod/Buffer
Boom	LQU0173	○10012012/HBY
Arm	LQU0180	○11013012/HBY
Bucket	LQU0172	○9511512/HBY

SH330-5		
Type	Part No	Rod/Buffer
Boom	LZ007300	○10011510/HBY
Arm	LZ007320	○12014012/HBY
Bucket	LZ007310	○10512512/HBY

SH350HD-3		
Type	Part No	Rod/Buffer
Boom	LZ00626	○1001159/HBY
Arm	LZ00663	—
Bucket	LZ00476	○1051209/HBY

SH330-5		
Type	Part No	Rod/Buffer
Boom	LZ007300	○10011510/HBY
Arm	LZ007320	○12014012/HBY
Bucket	LZ007310	○10512512/HBY

SH330-5		
Type	Part No	Rod/Buffer
Boom	LZ007300	○10011510/HBY
Arm	LZ007320	○12014012/HBY
Bucket	LZ007310	○10512512/HBY

SH400-1		
Type	Part No	Rod/Buffer
Boom	LZ00440	11013016/HBY
Arm	UNKNOWN	13015016/HBY
Bucket	LZ00440	○11013016/HBY

SH450LHD		
Type	Part No	Rod/Buffer
Boom	LZ00440	○11013016/HBY
Arm	UNKNOWN	○13015016/HBY
Bucket	LZ00440	○11013016/HBY

SH450-1		
Type	Part No	Rod/Buffer
Boom	LZ00440	○11013016/HBY
Arm	UNKNOWN	○13015016/HBY
Bucket	LZ00440	○11013016/HBY

SH450HD-3		
Type	Part No	Rod/Buffer
Boom	LZ00440	○11013016/HBY
Arm	UNKNOWN	○13015016/HBY
Bucket	LZ00440/LZ00496	○11013016/HBY

SH450HD-3B		
Type	Part No	Rod/Buffer
Boom	LZ008290	—
Arm	LZ008350	—
Bucket	LZ008380	—

SH700LHD-3B		
Type	Part No	Rod/Buffer
Boom	LZ006970	—
Arm	LZ006980	—
Bucket	LZ006960	—

S820-F2		
Type	Part No	Rod/Buffer
Boom		—
Arm		—
Bucket		○80959/HBY

LS160F2/F2B, SH60-1		
Type	Part No	Rod/Buffer
Boom	LQU0094	○65809/HBY
Arm	LQU0095	○60759/HBY
Bucket	LQU0096	○55709/HBY

LS1600FJ2		
Type	Part No	Rod/Buffer
Boom	LQU0065	○65809/HBY
Arm	LQU0067	○60759/HBY
Bucket	LQU0069	○55709/HBY

LS2600EJ		
Type	Part No	Rod/Buffer
Boom	LQU0013	○65809/HBY
Arm	LQU0014	○75909/HBY
Bucket	LQU0016	○65809/HBY

LS2600FJ		
Type	Part No	Rod/Buffer
Boom	LQU0040	○65809/HBY
Arm	LQU0031	○75909/HBY
Bucket	LQU0032	○65809/HBY

LS2650FJ2		
Type	Part No	Rod/Buffer
Boom	LQU0080	○70859/HBY
Arm	LQU0081	○80959/HBY
Bucket	LQU0082	○65809/HBY

LS2800FJ2		LS2800FJ	
Type	Part No	Rod/Buffer	
Boom	LQU0036	○851009/HBY	
Arm	LQU0038	○9511512/HBY	
Bucket	LQU0039	○75909/HBY	

LS2800FJ		LS2800FJ2	
Type	Part No	Rod/Buffer	
Boom	LQU0036	○851009/HBY	
Arm	LQU0038	○9511512/HBY	
Bucket	LQU0049(46)	○80959/HBY	

LS4300FJ2		
Type	Part No	Rod/Buffer
Boom	UNKNOWN	○10012012/HBY
Arm	UNKNOWN	○11013012/HBY
Bucket	UNKNOWN	○9511512/HBY

Type	Part No	Rod/Buffer
Boom		
Arm		
Bucket		

Type	Part No	Rod/Buffer
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