

HYDRAULIC

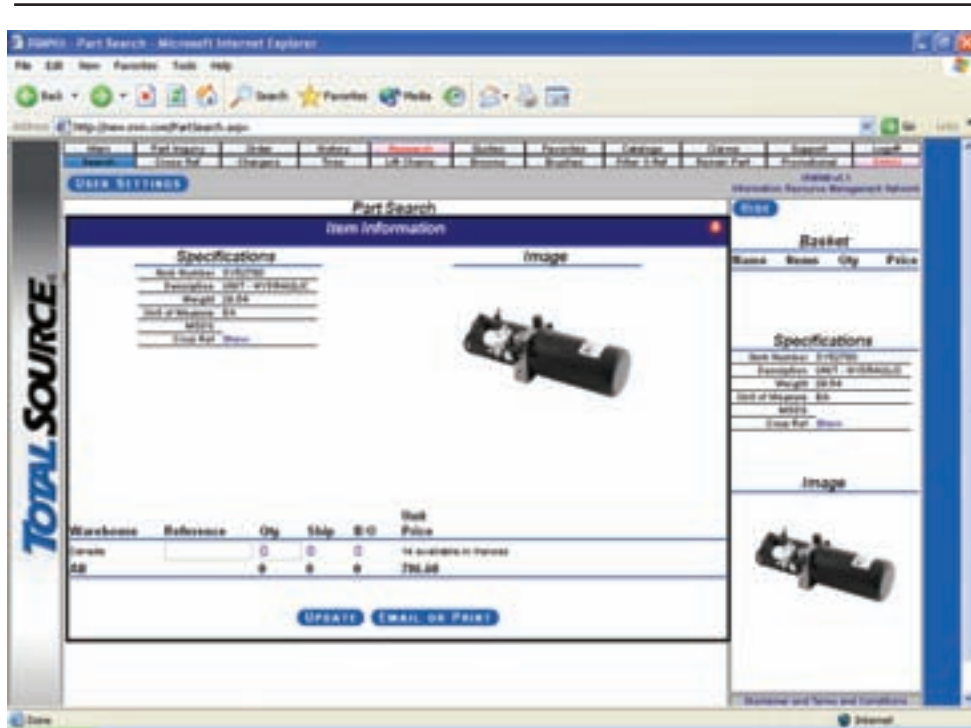


ALPHABETICAL TABLE OF CONTENTS

Auxiliary Valves	10.20	Hydraulic Unit Assembly	10.9
Flow Control	10.17-10.19	Knobs	10.20
Hose & Tube Assemblies	10.8	Lever Kits	10.21
Hose Reel Seal Kits	10.7	Lift Cylinder Seal Kits	10.26-10.30
Hydra Smooth	10.22	Personnel Lift Seal Kits	10.28
Hydraulic Cylinders	10.23-10.25	Tilt Cylinder Seal Kits	10.31-10.33
Hydraulic Hose Reels	10.2-10.6	Torque Generators	10.9
Hydraulic Pumps	10.10-10.15	Valve Seal Kits	10.20
Hydraulic Pump Seal Kits	10.16		

For complete information on all hydraulic parts including:
part numbers, descriptions and images,
please visit us at www.irmn.com

IRMN example screen



IRMN **LOG-ON**
INFORMATION RESOURCE MANAGEMENT NETWORK



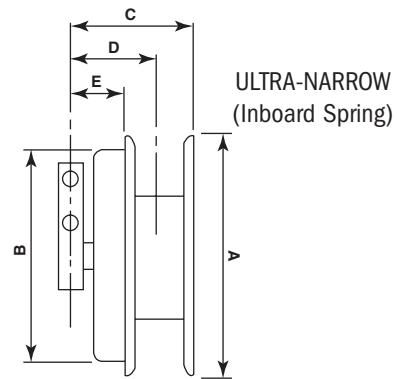


HYDRAULIC

HYDRAULIC HOSE REELS

INBOARD SPRING MODELS

ULTRA-NARROW



HOSE TYPES/LENGTHS

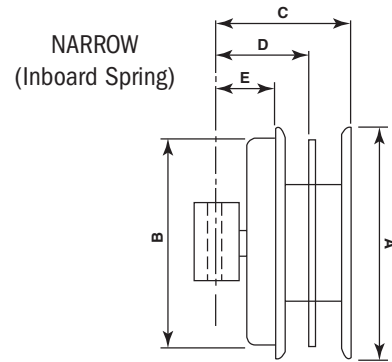
SAE 100-R7 TWINS

TOTALSOURCE #	A	B	C	D	E	#4	#6	#8
SYR6	12.50"	10.70"	3.80"	2.88"	1.97"	180"		
	318mm	272mm	97mm	73mm	50mm	4572mm		
SYL6	12.50"	10.70"	3.80"	2.88"	1.97"	180"		
	318mm	272mm	97mm	73mm	50mm	4572mm		
SYR7	12.50"	10.70"	4.88"	3.75"	2.62"		147"	
	318mm	272mm	124mm	95mm	67mm		3734mm	
SYL7	12.50"	10.70"	4.88"	3.75"	2.62"		147"	
	318mm	272mm	124mm	95mm	67mm		3734mm	
SYR8	15.00"	10.70"	4.88"	3.75"	2.62"		260"	
	381mm	272mm	124mm	95mm	67mm		6604mm	
SYL8	15.00"	10.70"	4.88"	3.75"	2.62"		260"	
	381mm	272mm	124mm	95mm	67mm		6604mm	
SYR9	15.00"	10.70"	5.49"	3.94"	2.39"			190"
	381mm	272mm	139mm	100mm	61mm			4826mm
SYL9	15.00"	10.70"	5.49"	3.94"	2.39"			190"
	381mm	272mm	139mm	100mm	61mm			4826mm
SYR13	13.00"	10.70"	4.88"	3.75"	2.62"	156"		
	330mm	272mm	124mm	95mm	67mm	3962mm		
SYL13	13.00"	10.70"	4.88"	3.75"	2.62"	156"		
	330mm	272mm	124mm	95mm	67mm	3962mm		
SYR14	16.00"	14.2"	4.80"	3.75"	2.62"	272"		
	406mm	361mm	122mm	124mm	95mm	6909mm		
SYL14	16.00"	14.20"	4.80"	3.75"	2.62"	272"		
	406mm	361mm	122mm	95mm	67mm	6909mm		
SYR15	16.00"	14.2"	5.33"	3.44"	2.39"		235"	
	406mm	361mm	135mm	87mm	100mm		5969mm	
SYL15	16.00"	14.2"	5.33"	3.44"	2.39"		235"	
	406mm	361mm	135mm	87mm	61mm		5969mm	
SYR16	12.50"	10.70"	4.88"	3.75"	2.62"		147"	
	318mm	272mm	124mm	95mm	67mm		3734mm	
SYL16	12.50"	10.70"	4.88"	3.75"	2.62"		147"	
	318mm	272mm	124mm	95mm	67mm		3734mm	
SYR17	15.00"	10.70"	4.88"	3.75"	2.62"		260"	
	381mm	272mm	124mm	95mm	67mm		6604mm	
SYL17	15.00"	10.70"	4.88"	3.75"	2.62"		260"	
	381mm	272mm	124mm	95mm	67mm		6604mm	



INBOARD SPRING MODELS

NARROW

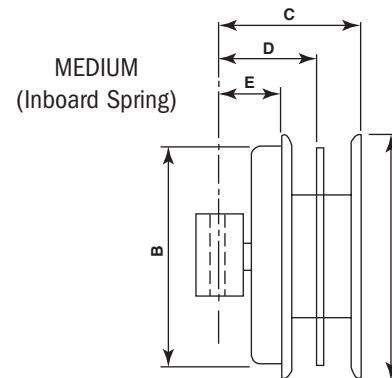


HOSE TYPES/LENGTHS

TOTALSOURCE #	A	B	C	D	E	SAE 100-R7		SAE 100-R1		SAE 100-R2		SAE 100-R5	
						#6	#8	#6	#8	#6	#8	#6	#8
SYR2	12.50"	10.70"	5.38"	3.97"	2.56"	156"	120"	156"	120"	75"	45"	156"	120"
	318mm	272mm	137mm	101mm	65mm	3962mm	3048mm	3962mm	3048mm	3962mm	3962mm	3962mm	3048mm
SYL2	12.50"	10.70"	5.38"	3.97"	2.56"	156"	120"	156"	120"	75"	45"	156"	120"
	318mm	272mm	137mm	101mm	65mm	3962mm	3048mm	3962mm	3048mm	3962mm	3962mm	3962mm	3048mm
SYR10	15.00"	10.70"	5.38"	3.97"	2.56"	250"	160"	250"	160"	160"	115"	250"	160"
	381mm	272mm	137mm	101mm	65mm	6350mm	4064mm	6350mm	4064mm	4064mm	2921mm	6350mm	4064mm
SYL10	15.00"	10.70"	5.38"	3.97"	2.56"	250"	160"	250"	160"	160"	115"	250"	160"
	381mm	272mm	137mm	101mm	65mm	6350mm	4064mm	6350mm	4064mm	4064mm	2921mm	6350mm	4064mm
SYR11	16.00"	10.70"	5.38"	3.07"	2.56"	340"	230"	340"	230"		170"		220"
	406mm	272mm	137mm	78mm	65mm	8636mm	5842mm	8636mm	5842mm		4318mm		5588mm
SYL11	16.00"	10.70"	5.38"	3.07"	2.56"	340"	230"	340"	230"		170"		220"
	406mm	272mm	137mm	78mm	65mm	8636mm	5842mm	8636mm	5842mm		4318mm		5588mm

INBOARD SPRING MODELS

NARROW



HOSE TYPES/LENGTHS

TOTALSOURCE #	A	B	C	D	E	SAE 100-R7		SAE 100-R1		SAE 100-R2		SAE 100-R5	
						#6	#8	#6	#8	#6	#8	#6	#8
SYR4	12.50"	10.70"	6.44"	4.61"	2.76"	204"	156"	204"	156"	150"	120"	204"	156"
	318mm	272mm	164mm	117mm	70mm	5181mm	3962mm	5181mm	3962mm	3810mm	3048mm	5181mm	3962mm
SYL4	12.50"	10.70"	6.44"	4.61"	2.76"	204"	156"	204"	156"	150"	120"	204"	156"
	117mm	70mm	5181mm	117mm	70mm	5181mm	3962mm	3810mm	3048mm	5181mm	3962mm	5181mm	3962mm

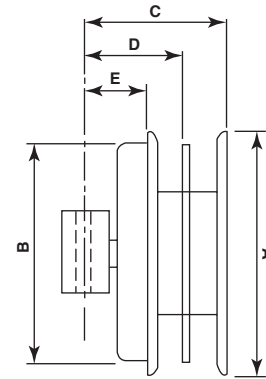


HYDRAULIC

HYDRAULIC HOSE REELS

INBOARD SPRING MODELS

WIDE



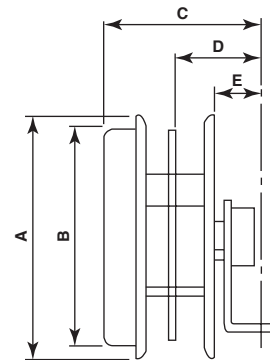
WIDE
(Inboard Spring)

HOSE TYPES/LENGTHS

TOTALSOURCE #	A	B	C	D	E	SAE 100-R7		SAE 100-R1		SAE 100-R2		SAE 100-R5	
						#6	#8	#6	#8	#6	#8	#6	#8
SYR1	12.50"	10.70"	8.10"	5.42"	2.76"	240"	184"	240"	184"	141"	184"		
	318mm	272mm	206mm	138mm	70mm	6096mm	4674mm	6096mm	4674mm	3581mm	4674mm		
SYL1	12.50"	10.70"	8.10"	5.42"	2.76"	240"	184"	240"	184"	141"		184"	
	318mm	272mm	206mm	138mm	70mm	6096mm	4674mm	6096mm	4674mm	3581mm		4674mm	

OUTBOARD SPRING MODELS

MEDIUM



MEDIUM
(Outboard Spring)

HOSE TYPES/LENGTHS

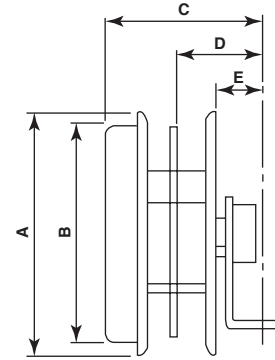
TOTALSOURCE #	A	B	C	D	E	SAE 100-R7		SAE 100-R1		SAE 100-R2		SAE 100-R5	
						#6	#8	#6	#8	#6	#8	#6	#8
SYR3	12.50"	10.70"	6.25"	2.98"	1.11"	180"	156"	180"	156"	156"	120"	180"	156"
	318mm	272mm	159mm	76mm	28mm	4572mm	3962mm	4572mm	3962mm	3962mm	3048mm	4572mm	3962mm
SYL3	12.50"	10.70"	6.25"	2.98"	1.11"	180"	156"	180"	156"	156"	120"	180"	156"
	318mm	272mm	159mm	76mm	28mm	4572mm	3962mm	4572mm	3962mm	3962mm	3048mm	4572mm	3962mm



HYDRAULIC HOSE REELS

OUTBOARD SPRING MODELS

WIDE



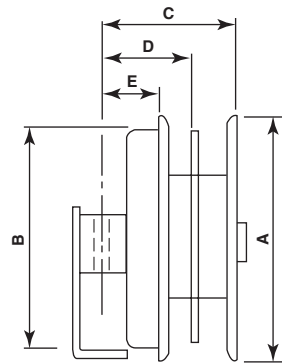
WIDE
(Outboard Spring)

HOSE TYPES/LENGTHS

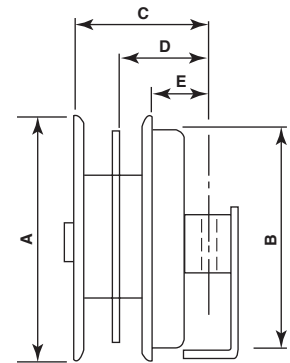
TOTALSOURCE #	A	B	C	D	E	SAE 100-R7		SAE 100-R1		SAE 100-R2		SAE 100-R5	
						#6	#8	#6	#8	#6	#8	#6	#8
SYR5	12.50"	10.70"	8.08"	5.42"	2.76"	240"	184"	240"	184"	141"	184"		
	318mm	272mm	205mm	138mm	70mm	6096mm	4674mm	6096mm	4674mm	3581mm	4674mm		
SYL5	12.50"	10.70"	8.08"	5.42"	2.76"	240"	184"	240"	184"	141"	184"		
	318mm	272mm	205mm	138mm	70mm	6096mm	4674mm	6096mm	4674mm	3581mm	4674mm		

QUAD HOSE REELS

QUAD REELS



JTRC5024A



JTRC5025

HOSE TYPES/LENGTHS

TOTALSOURCE #	A	B	C	D	E	SAE 100-R7		SAE 100-R1		SAE 100-R2		SAE 100-R5	
						#6	#8	#6	#8	#6	#8	#6	#8
SYR18	15.0"	13.00"	5.23"	3.73"	2.20"	289"							
	381mm	330mm	133mm	95mm	56mm	7341mm							
SYL18	15.0"	13.00"	5.23"	3.73"	2.20"	289"							
	381mm	330mm	133mm	95mm	56mm	7341mm							



HYDRAULIC

HYDRAULIC HOSE REELS

SYR12

- Sheave: 11.6"
- Spring: 10.7"



SYL12

- Sheave: 11.6"
- Spring: 10.7"

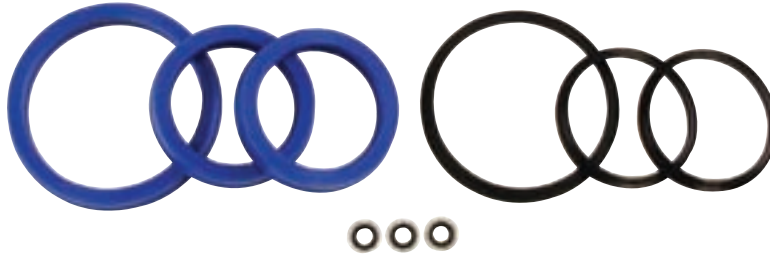


TOTALSOURCE #	DESCRIPTION
SY2570-4	Services all reels except SYR18 and SYL18
SY5024-7	Services SYR18 and SYL18

TOTALSOURCE #	DESCRIPTION
SY5024CS	Cold storage SYR18 and SYL188



HOSE REEL SEAL KITS



PART #	PART #	PART #	PART #	PART #
ALLIS CHALMERS	CASCADE	CROWN	HYSTER	RAYMOND
AC4865660	CAC681585	CR123916	HY843839	RA870-607-26
BAKER	CLARK	CR125191	INTRUPA	TOTALSOURCE
BK105652	CL1233651	CATERPILLAR	INB-1029	SY40439
CASCADE	CL1813032	CT217555	INCL-1821	SY42415
CA553861	CL1813055	CT366773	INCR-161	SY45053
CA553861	CL2316436	CT672563	LPM	SY51396
CA656223	CL445686	HYSTER	LP451-2000	SY53984
CAC553861	CL889821	HY0843839	LP-889821	TOYOTA
CAC556486	CL907984	HY1311358	LP891-1315	TY04676-U2010-71
CAC559974	CL908985	HY1360139	PRIME MOVER	YALE
CAC619786	CROWN	HY2031772	PM200904	YT506897554
CAC651876	CR101329	HY3006936	PMQJ-113372	YT506897555
CAC667516	CR112704	HY359024	RAYMOND	YT518615001
CAC672563	CR113353	HY360658	RA870-410-28	YT520341845
CAC674587	CR113354	HY360658	RA870-410-29	YT900880810
CAC674777	CR115604	HY619786	RA870-410-30	
CAC677833	CR116360	HY672563	RA870-410-31	

HOSE & CABLE LENGTH CALCULATIONS

HOSE & CABLE LENGTH CALCULATIONS

H = Total lift height

D = Distance from centerline of reel to junction block

1. When "H" is equal to, or greater than 2 x "D"

then line length = $H - D + 20"$ (508mm)

2. When "H" is less than 2 x "D"

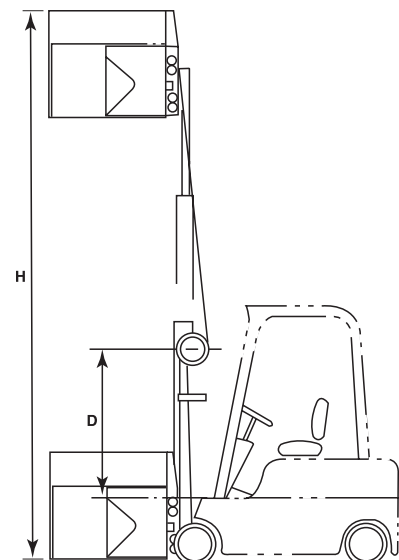
then line length = $D + 32"$ (813mm)

Example : H = 288" (7315mm), D = 96" (2438mm)

$288" (7315mm) - 96" (2438mm) + 20" (508mm)$

= 212" (5385mm) reel hose or cable length

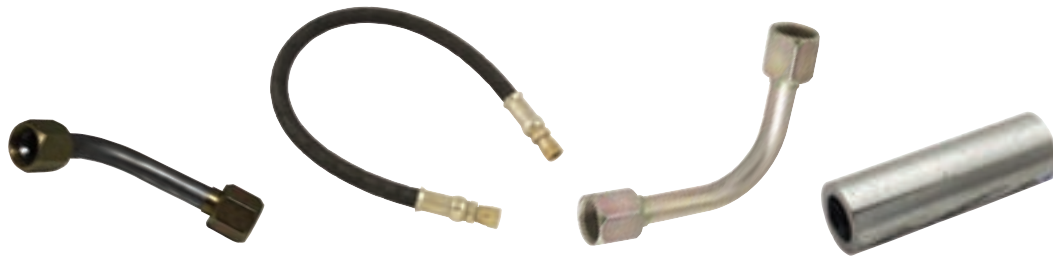
Note: It is essential that 20" of cable or hose be prewrapped on the reel at all times. This amount is included when using this formula for calculating line length.





HYDRAULIC

HOSE & TUBE ASSEMBLIES



HOSE & TUBE ASSEMBLIES

PART

ALLIS CHALMERS

AC4827755

AC7302709

CASCADE

CA215999

CA2795902

CA673394

CLARK

CL1300015

CL1302001

CL1325552

CL230382

CL2335878

CL2383072

CL2393057

CL2393058

CL2393064

CL2395623

CL2395910

CL2396006

CL2396607

CL2398095

CL2758642

CL2774833

CL430565

CL659891

CL672257

CL672258

CL672258

CL675092

CL675093

CL718627

CL929118

CROWN

CR64152-17

CR64152-18

CR77389-3

CR79308-8

CR83678

PART

CROWN

CR86204

CR86205

CATERPILLAR

CR91340-1

CT1055843

CT1143313

CT347019

CT347020

CT374767

CT4W0079

CT7T0501

CT908358

CT908686

CT908768

CT911358

CT911367

CT911368

CT918661

DAEWOO

DW911358

HYSTER

HY131418

HY131420

HY1318521

HY144495

HY191894

HY191896

HY199874

HY3007990

HY3017539

HY3018775

HY3039163

HY3039335

HY3039665

HY3048848

HY3066241

HY3066645

HY3069223

PART

HYSTER

HY3120270

HY3125064

HY3127230

HY3127570

HY3130200

HY3134559

HY3136385

HY3137836

HY325708

KALMAR LMV

KM115812

KOMATSU

KO37B-1AG-2010

KO37B-1AG-2050

KO3EB-66-22210

KO3EC-04-14170

LINDE

LI0009572326

RAYMOND

RA115-000-535

RA116-000-399

RA118-000-084

RA306-020-520-05

RA417-061-220-59

RA781-006-042

RA812-001-922

RA812-004-187

RA812-005-142

RA821-000-275

RA821-000-756

RA828-000-660

RA828-000-894

RA828-005-087

TOTALSOURCE

SY23028

SY23029

TCM

TC214J0-92111

PART

TOYOTA

TY32911-21830-71

YALE

YT220002836

YT220002837

YT220009827

YT220014305

YT220015668

YT220015673

YT220079646

YT501794944

YT504068703

YT504068790

YT504070785

YT520049876

YT520049878

HYDRAULIC



HYDRAULIC UNIT ASSEMBLY

SY52780 · INE-2418 · LP875-1042

- 12v
- 100-300psi



PART

ALLIS CHALMERS

AC8611642

BAKER

BK113028

BK127532

CROWN

CR078655

PART

CROWN

CR088080

CR089670

CR089977

CR090667

CR091681

CR091701

PART

CROWN

CR093938

CR103053

CR116591

CR78655

CR88080

CR89670

PART

CROWN

CR89977

CR91681

CR91701

CR93938

mitsubishi

MB1009162

PART

RAYMOND

RA560-213

SCHRECK

SC32-11205

SC32-11217

SC32-11225

SC32-11229

PART

YALE

YT516596600

YT517161601

YT517910601

YT518140610

TORQUE GENERATORS

SY52781 · IN92-318-2 · LP301-2283-2



SY58756 · INCL-1830 · LP682-1049





HYDRAULIC

HYDRAULIC PUMPS



HYDRAULIC PUMPS LIST

PART #	PART #	PART #	PART #	PART #
ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	ALLIS CHALMERS	BT
AC0302704	AC4892167	AC4943245	AC8764378	BT146627
AC0730704	AC4892170	AC4943595	AC8765491	BT149519
AC302704	AC4896493	AC4944765	AC8765492	BT179456-001
AC4701523	AC4898656	AC4945652	AC8766111	BT200037
AC4769112	AC4898671	AC4946847	AC8766191	BT213643-001
AC4807993	AC4900709	AC4948568	BAKER	BT26709
AC4808703	AC4901400	AC4949601	BK112747	BT300117-000
AC4813897	AC4901467	AC4949785	BK113734	BT301901-542
AC4813902	AC4901480	AC4949924	BK118663	BT305008-000
AC4813904	AC4901482	AC4965228	BK118664	BT6141-100
AC4818060	AC4901483	AC4966299	BK119130	CLARK
AC4818905	AC4901484	AC4969494	BK988874	CLO33-016
AC4822456	AC4901492	AC4973582	BKEP6	CLO33-107
AC4822687	AC4901504	AC4973583	BKL0009810109	CL1618573
AC4830387	AC4901513	AC7235018	BKL0009810146	CL1659853
AC4838320	AC4901515	AC7302704	BKL0009810187	CL1680152
AC4848207	AC4901517	AC8611845	BKL0009812105	CL1745298
AC4852786	AC4906542	AC8611846	BKL0009812126	CL1752140
AC4863387	AC4906543	AC8611847	BKL0023009000	CL1756900
AC4865259	AC4906544	AC8611848	BKL1133062300	CL1763665
AC4870974	AC4907122	AC8616071	BKL3001074007	CL1766843
AC4875200	AC4909973	AC8616199	BKL3007424001	CL1766844
AC4877000	AC4911376	AC8619097	BKLA2028495999	CL1766845
AC4878546	AC4911818	AC8619098	BKLA3001074007	CL1766846
AC4879674	AC4912348	AC8619100	BKLA3007424001	CL1767981
AC4881066	AC4912778	AC8620980	BKST520808	CL1772116
AC4884212	AC4913120	AC8621408	BKST521485	CL1774956
AC4892024	AC4913123	AC8621528	BKST521930	CL2316008
AC4892025	AC4931286	AC8623989	BT	CL2334954
AC4892026	AC4931290	AC8632312	BT100438	CL2334955
AC4892157	AC4932515	AC8643004	BT104710	CL2339476
AC4892158	AC4940634	AC8648197	BT134576-002	CL2339477
AC4892159	AC4940635	AC8651019	BT136438	CL2343966
AC4892160	AC4941143	AC8760685	BT136728	CL2346194
AC4892164	AC4942680	AC8760689	BT143377	CL235045



HYDRAULIC PUMPS LIST - CONTINUED

PART # CLARK	PART # CLARK	PART # CATERPILLAR	PART # CATERPILLAR	PART # CATERPILLAR
CL2357732	CL913644	CT0696254	CT9127136200	CT9787120100
CL2360366	CL915129	CT0898146	CT9127136300	CT97G7100010
CL2360709	CL922598	CT0901384	CT9127146110	CT97M7100200
CL2364603	CL925824	CT0912691	CT9137100200	CT9I3517
CL2375858	CL927858	CT0918741	CT9137100300	CT9I4667
CL2388634	CL929298	CT0918938	CT9137101200	CT9N4676
CL2390947	CL992369	CT0918939	CT9137101400	CTA000000636
CL2393362	CL993949	CT0919909	CT9137110200	CTA000002263
CL2394342	CL997369	CT1015557	CT9137110300	CTA000002985
CL2397766	CL997566	CT1015892	CT9137110700	CTA000005440
CL246374	CL999312	CT1033528	CT9147116100	CTA000005489
CL2743553	CL999638	CT1040488	CT9147116110	CTA000006039
CL2743554	CLF630500160	CT1040571	CT9147120100	CTA000006099
CL2750210	CROWN	CT1042292	CT9147126100	CTA000006100
CL926776	CR084315	CT1085344	CT9147136100	CTA000006326
CL2751231	CR088281	CT1097383	CT9147136110	CTA000006350
CL2754435	CR088282	CT1101021	CT9157100100	CTA000006437
CL2771830	CR089706	CT1147177	CT9157110100	CTA000006438
CL2776048	CR090625	CT1147178	CT9167120100	CTA000009708
CL2786334	CR091664	CT346787	CT9167120101	CTA000010162
CL2793307	CR094544	CT347203	CT9167126100	CTA000010372
CL2793308	CR109635	CT350107	CT9167126200	CTA000010882
CL2795722	CR110267	CT353349	CT9167136200	CTA000010939
CL2795761	CR114257	CT375622	CT9177100100	CTA000010940
CL2796964	CR116624	CT375624	CT9177110100	CTA000011300
CL2809220	CR119697	CT386409	CT9187132100	CTA000011513
CL2809483	CR121659	CT3C3355	CT918741	CTA000011636
CL2809600	CR123991	CT541304	CT918938	CTA000011673
CL2815460	CR124482	CT60918	CT918939	CTA000011674
CL2816650	CR41999	CT696254	CT919909	CTA000011724
CL2820455	CR803679	CT6T2522	CT9207100200	CTA000011820
CL2824820	CR84315	CT84236	CT9207110200	CTA000011837
CL3006093	CR88281	CT84240	CT9207115100	CTA000012154
CL316647	CR88282	CT86951	CT9317100300	CTA000012175
CL3767400	CR89706	CT898146	CT9707100500	CTA000012192
CL3793413	CR90625	CT8E7142	CT9707100600	CTA000012601
CL3799748	CR91664	CT901384	CT9707101500	CTA000013249
CL4305323	CR94544	CT912691	CT9717100100	CTA000013589
CL4346058	CATERPILLAR	CT9127116100	CT9717113200	CTA000014079
CL450263	CT0084236	CT9127116200	CT9727100100	CTA000014080
CL625062	CT0084240	CT9127116300	CT9727100200	CTA000014908
CL802346	CT0086951	CT9127126100	CT9777100100	CTA000015460
CL8026956	CT0346787	CT9127126200	CT9777120100	CTA000015686
CL8031754	CT0350107	CT9127126300	CT9787100100	CTA000015952
CL911064	CT0353349	CT9127136100	CT9787100200	CTA000015953
CL912343	CT0541304	CT9127136110	CT9787100500	CTRL510705

Continued on Next Page



HYDRAULIC

HYDRAULIC PUMPS

HYDRAULIC PUMPS LIST - CONTINUED

PART #	PART #	PART #	PART #	PART #
DAEWOO	HYSTER	HYSTER	HYSTER	HYSTER
DW918938	HY1032128	HY1514285	HY2069692	HY3067060
DWA215001	HY110171AB	HY1516902	HY2069693	HY308590
DWA215245	HY111890AB	HY1516903	HY2069694	HY309075
HYSTER	HY113342AB	HY1520478	HY2069695	HY3090978
HY0069228A	HY116543A	HY1520846	HY2069696	HY3120950
HY0078050A	HY1304730	HY1524435	HY2070189	HY3130813
HY0110171AB	HY1322350	HY1524436	HY225642	HY3130813
HY0111890AB	HY1328816	HY1529857	HY2302266	HY3135901
HY0116543A	HY1328916	HY1533833	HY2302338	HY3137174
HY0137787	HY1335718	HY1538950	HY2302753	HY3137519
HY0145580	HY1335922	HY154351	HY2302844	HY3148602
HY0154351	HY1335923	HY1578831	HY2304367	HY3148886
HY0172407	HY1336471	HY172407	HY2304386	HY3149412
HY0172408	HY1343967	HY172408	HY2309507	HY322782
HY0172914	HY1350236	HY172914	HY236297	HY341793
HY0173106	HY1351310	HY173106	HY269533	HY342773
HY0173566	HY1367711	HY173566	HY278600	HY342774
HY0180549	HY1374878	HY180549	HY278601	HY343737
HY0181906	HY1375160	HY181906	HY284722	HY344725
HY0191806	HY1375161	HY191806	HY284901	HY351947
HY0194934	HY1375162	HY194934	HY287191	HY356997
HY0225642	HY1375163	HY2021265	HY290919	HY369014
HY0236297	HY137787	HY2021266	HY3006075	HY372915
HY0269533	HY1383562	HY2021268	HY3006078	HY375918
HY0278600	HY1384939	HY2026483	HY3006092	HY69228A
HY0278601	HY1384940	HY2026484	HY3006093	HY78050A
HY0284722	HY1390698	HY2026485	HY3006099	HY816344
HY0284901	HY1391499	HY2028529	HY3006101	HY843078
HY0287191	HY1455310	HY2028530	HY3006103	HY886716
HY0290919	HY1455404	HY2033707	HY3006120	HY894502
HY0308590	HY1455407	HY2034900	HY3006120	JUNGHEINRICH
HY0322782	HY145580	HY2035981	HY3006226	JU0750117
HY0322783	HY1456472	HY2035983	HY3006226	JU075011701
HY0339396	HY1456473	tHY2037189	HY3006230	JU14026040
HY0342773	HY1458800	HY2037190	HY3006230	JU14120660
HY0342774	HY1459691	HY2037191	HY3006240	JU1412068
HY0343737	HY1459696	HY2037192	HY3006240	JU14120680
HY0344725	HY1459698	HY2037193	HY322783	JU14260690
HY0351947	HY1459699	HY2037195	HY339396	JU14348980
HY0356997	HY1470571	HY2037196	HY3006247	JU1435014
HY0369014	HY1473497	HY2038201	HY3012460	JU14350140
HY0372915	HY1473869	HY2038202	HY3047061	JU14415310
HY0375918	HY1480609	HY2039870	HY305169	JU14442550
HY0816344	HY1490077	HY2042903	HY3053784	JU1447428
HY0843078	HY1493892	HY2069689	HY3061304	JU14474280
HY0886716	HY1503335	HY2069690	HY3063878	JU14478470
HY0894502	HY1503336	HY2069691	HY3066655	JU14520609



HYDRAULIC PUMPS LIST - CONTINUED

PART #	PART #	PART #	PART #	PART #
JUNGHEINRICH	KOMATSU	LINDE	mitsubishi	MITSUBISHI
JU1470033	KO3EB-60-12250	LI2028495999	MB91271-46110	MB97871-00500
JU14700330	KO3EB-60-12251	LI3001074007	MB91371-00200	MB97871-20100
JU1470035	KO3EB-60-12310	LI3007424001	MB91371-00300	MB97G71-00010
JU14700350	KO3EB-60-12320	LI988874	MB91371-00700	MB97M71-00200
JU2750117	KO3EB-60-12410	LI988874	MB91371-01200	MB9985555
JU27501170	KO3EB-60-12411	LIA3001074007	MB91371-01400	MB913517
JU27507090	KO3EB-60-12420	LIA3007424001	MB91371-10200	MB914667
JU27894620	KO3EB-60-12430	LIEP6	MB91371-10300	MBRL510705
JU50155972	KO3EB-60-12510	LIST520808	MB91371-10700	MINUTE MAN SWEEPER
KALMAR LMV	KO3EB-60-12610	LIST521485	MB91471-16100	MH341103
KM115811	KO3EB-60-21010	MITSUBISHI	MB91471-16110	MANITOU
KM139949	KO3EB-60-2745T	MB0084236	MB91471-20100	MN455502250171
KM140639	KO3EB-60-A2320	MB0084240	MB91471-20201	MN455702250271
KM9232770002	KO3EB-60-A5110	MB0086951	MB91471-26100	MN671101134071
KM9235720012	KO3EC-60-12110	MB0324596020	MB91471-26110	MN671101219171
KOMATSU	KO3EC-60-15310	MB03245-96020	MB91471-36100	MN671101219171M
KO07428-66100	KO3EC-60-39920	MB0346787	MB91471-36110	MN671102142171
KO15010-C6001L	KO3EC-60-A2160	MB0350107	MB91471-46110	MN671102158171
KO34B-60-81110	KO3EC-60-A5110	MB0353349	MB91571-00100	MN671102158171M
KO37B-1KA-204X	KO3EC-60-A5190	MB0696254	MB91571-10100	MN671102200171
KO37B-1KB-2020	KO3ED-60-42100	MB0901384	MB91671-20100	MN671102200171M
KO37B-1KB-2021	KO3FD-60-11110	MB0901384	MB91671-20101	MN671102202071
KO37B-1KB-2030	KO3FD-60-21920	MB0912691	MB91671-26100	MN671102202071M
KO37B-1KB-2031	KO3RB-60-11110	MB0918741	MB91671-26200	MN671102302271
KO37B-1KE-2021	KODK105220-5280	MB0918938	MB91671-30101	MN671102320071
KO37B-1KE-2030	LANSING	MB0918939	MB91671-36200	MN671102336071
KO37B-1KE-2031	LA0009810109	MB1033528	MB91771-00100	MN671102387171
KO37B-1KE-2050	LA0009812126	MB1040488	MB91771-10100	MN671102387171M
KO37B-1KE-2051	LA1133062300	MB1101021	MB91871-32100	MN671103051071
KO37R-1KF-6060	LA2028495999	MB1147178	MB918938	MN671103196271
KO37R-1KF-6070	LA3001074007	MB31870-01480	MB92071-00200	MN671103196271M
KO3BC-60-11110	LA3007424001	MB31871-00350	MB92071-10200	MN671103207171
KO3EA-60-12411	LA3023992004	MB52771-00020	MB92071-15100	MN671103207171M
KO3EA-60-12511	LINDE	MB60725-00010	MB93171-00300	MN671103288171
KO3EB-60-05030	LI0009810092	MB64371-71600	MB97071-00300	MN671103288171M
KO3EB-60-11110	LI0009810108	MB91271-16100	MB97071-00500	MN671104180071
KO3EB-60-11160	LI0009810109	MB91271-16200	MB97071-00600	MN671104180071M
KO3EB-60-11170	LI0009810146	MB91271-16300	MB97071-01500	MN671201219171
KO3EB-60-11210	LI0009810187	MB91271-26100	MB97171-00100	MN671201219171M
KO3EB-60-11320	LI0009812105	MB91271-26120	MB97171-13200	MN671203172071
KO3EB-60-11330	LI0009812126	MB91271-26200	MB97271-00100	MN671203285171
KO3EB-60-11410	LI0023009000	MB91271-26300	MB97271-00200	MN671203288171
KO3EB-60-12110	LI1133062300	MB91271-36100	MB97771-00100	MN671304092071
KO3EB-60-12210	LI113734	MB91271-36110	MB97771-20100	MULTITON (MIC)
KO3EB-60-12220	LI118663	MB91271-36200	MB97871-00100	MT0410032621
KO3EB-60-12230	LI118664	MB91271-36300	MB97871-00200	MT0750117

Continued on Next Page



HYDRAULIC

HYDRAULIC PUMPS

HYDRAULIC PUMPS LIST - CONTINUED

PART #	PART #	PART #	PART #	PART #
MULTITON (MIC)	NISSAN	PRIME MOVER	TCM	TOYOTA
MT27501170	NI69101-93H10	PM300117-000	TC114A7-10231	TY38210-42840-71
MT410032621	NI69101-FK160	PM301901-542	TC114A7-10271	TY45550-22500-71
NISSAN	NI69101-FK170	PM305008-000	TC114A7-11301	TY45550-22501-71
NI11093-10101	NI69101-FK281	PM41680-00	TC116M7-1028	TY45570-22502-71
NI14237-10201	NI69101-K6500	PM6141-100	TC12437-10201	TY67100-30870-71
NI58301-48003	NI69101-L1100	RAYMOND	TC12477-10201	TY67110-00118-71
NI58301-48570	NI69101-L1101	RA1032206	TC124W7-10301	TY67110-00128-71
NI58301-49003	NI69101-L1102	RA500-024	TC12577-10201	TY67110-00228-71
NI58301-L0100	NI69101-L1401	RA500-311	TC126A7-10271	TY67110-00250-71
NI58310-49000	NI69101-L1402	RA500-342	TC129F1-10301	TY67110-00268-71
NI69101-04H00	NI69101-L1403	RA500-349	TC129F7-10301	TY67110-00338-71
NI69101-04H01	NI69101-L1407	RA500-411	TC13037-10201	TY67110-02830-71
NI69101-11H00	NI69101-L4500	RA500-416	TC13037-10201A	TY67110-03820-71
NI69101-11H01	NI69101-L5001	RA500-417	TC13077-10201	TY67110-09010-71
NI69101-11H02	NI69101-L6000	RA500-417-00	TC133A7-10201	TY67110-09529-71
NI69101-14H00	NI69101-L6100	RA500-417-100	TC13657-10201	TY67110-11340-71
NI69101-14H01	NI69101-L6800	RA500-426-100	TC13657-19801	TY67110-11700-71
NI69101-1K200	NI69101-L7500	RA500-429	TC14237-10201	TY67110-12190-71
NI69101-20H00	NI69101-L7510	SCHRECK	TC14437-10201	TY67110-12191-71
NI69101-26H00	NI69101-L7511	SC32-11388	TC14437-10201A	TY67110-13080-71
NI69101-26H01	NI69101-L7513	SC32-11706	TC14607-10301	TY67110-13081-71
NI69101-26H02	NI69101-L9002	SAMSUNG	TC15307-10201	TY67110-13600-71
NI69101-26H03	NI69101-L9003	SG2339476	TC15847-10201	TY67110-13620-71
NI69101-26H04	NI69101-L9005	SG2346194	TC15847-39564	TY67110-13680-71
NI69101-2K400	NI69105-51H02	SG2393362	TC16442-52021	TY67110-13710-71
NI69101-31K02	NI69199-04H00	SG2743553	TC16662-52341	TY67110-17700-71
NI69101-32H00	NI69199-2K000	SG2754435	TC17047-10401	TY67110-20541-71
NI69101-41H00	NI69199-32H00	SG2771830	TC17267-10102	TY67110-20542-71
NI69101-42H00	NI69199-L1100	STILL	TC177P7-10101	TY67110-20801-71
NI69101-4K000	NI69199-L1400	SL504086	TC20003-10244	TY67110-21420-71
NI69101-4K005	NI69501-4K000	SL520808	TC54452-10401A	TY67110-21421-71
NI69101-4K006	NI69501-4K002	SL521485	TC78142-33215	TY67110-21580-71
NI69101-51H00	NI69501-L4001	SL521930	TCFA10F7-10271	TY67110-21581-71
NI69101-51H01	NI69501-L8002	SL529016	TOYOTA	TY67110-22000-71
NI69101-51H02	NI69501-L9003	SL5437215	TY00590-05169-71	TY67110-22001-71
NI69101-51K00	PRIME MOVER	SL5437985	TY00590-05172-71	TY67110-22020-71
NI69101-51K01	PM100438	SL5444302	TY04671-10710-71	TY67110-22070-71
NI69101-51K02	PM134576-002	SL5446323	TY04671-10711-71	TY67110-22071-71
NI69101-51K06	PM136438	SL8003331	TY04671-10712-71	TY67110-22430-71
NI69101-51K07	PM136728	SL8003382	TY04671-10750-71	TY67110-23020-71
NI69101-65253	PM143377	SL8003734	TY04671-10751-71	TY67110-23021-71
NI69101-6G410	PM146627	TCM	TY04671-10752-71	TY67110-23022-71
NI69101-90H00	PM149519	TC10917-10001	TY04671-10752-71	TY67110-23200-71
NI69101-91H00	PM179456-001	TC10917-10001A	TY04671-20360-71	TY67110-23340-71
NI69101-91H01	PM200037	TC110F7-10232	TY04671-20361-71	TY67110-23360-71
NI69101-93H00	PM213643-001	TC110F7-10271	TY04671-20770-71	TY67110-23620-71
NI69101-93H01	PM26709	TC110F7-10501	TY38210-42820-71	TY67110-23620-71
			TY38210-42830-71	TY67110-23640-71



HYDRAULIC PUMPS LIST - CONTINUED

PART #	PART #	PART #	PART #	PART #
TOYOTA	TOYOTA	YALE	YALE	YALE
TY67110-23870-71	TY67120-00880-71	YT220074285	YT580011190	YT905352605
TY67110-23871-71	TY67120-12190-71	YT220081280	YT580011191	YT905352606
TY67110-30510-71	TY67120-12191-71	YT399974203	YT580011193	YT905352607
TY67110-30801-71	TY67120-21580-71	YT440063733	YT580011194	YT905352608
TY67110-31000-71	TY67120-21581-71	YT504229279	YT580011504	YT906487610
TY67110-31622-71	TY67120-22500-71	YT505101500	YT580013459	YT906487620
TY67110-31630-71	TY67120-31190-71	YT505964518	YT580013460	YT906487640
TY67110-31960-71	TY67120-31720-71	YT505964567	YT580013462	YT906487650
TY67110-31961-71	TY67120-31970-71	YT505964582	YT580015189	YT909914630
TY67110-31962-71	TY67120-32850-71	YT515454600	YT580019667	YT910024610
TY67110-31972-71	TY67120-32851-71	YT516595602	YT580021163	YT910024620
TY67110-32041-71	TY67120-32881-71	YT516596602	YT580023080	YT910024630
TY67110-32070-71	TY67120-U2110-71	YT516979602	YT580027574	YT911960610
TY67110-32071-71	TY67130-23360-71	YT517007602	YT580027575	YT912250610
TY67110-32080-71	TY67130-40920-71	YT517070607	YT580034086	YT912250620
TY67110-32840-71	TY67130-U2170-71	YT517830600	YT580037484	YT914893610
TY67110-32870-71	TY67130-U2180-71	YT517830601	YT580041274	YT914943610
TY67110-32871-71	TY67130-U3270-71	YT517831601	YT580047726	YT914943620
TY67110-32880-71	TY67150-00880-71	YT517831602	YT580051192	YT914943630
TY67110-32881-71	TY67710-U1130-71	YT518627603	YT580051193	
TY67110-33040-71	TY78100-29277-71	YT518796644	YT580051194	
TY67110-33041-71	TY78100-30201-71	YT518801620	YT580051195	
TY67110-33330-71	TY78100-30241-71	YT518801639	YT580051196	
TY67110-33620-71	TY78100-30340-71	YT518801679	YT580051197	
TY67110-34170-71	TY78100-30370-71	YT518801680	YT580051198	
TY67110-41100-71	TY78100-30371-71	YT518818807	YT580051199	
TY67110-41800-71	TY78100-30380-71	YT519526600	YT720441404	
TY67110-U1100-71	TY78130-10180-71	YT519678603	YT720441413	
TY67110-U1101-71	VICKERS	YT520036801	YT720441421	
TY67110-U1130-71	VI424417	YT580000076	YT722551401	
TY67110-U1160-71	VIV10F1S4T4B2E10	YT580000077	YT730051001	
TY67110-U2101-71	VIV10F1S4T4C2G20	YT580001740	YT751044603	
TY67110-U2110-71	VIW9A111L12Q7NN	YT580001748	YT751622621	
TY67110-U2111-71	YALE	YT580001751	YT900724300	
TY67110-U2120-71	YT220001820	YT580002067	YT902292400	
TY67110-U2121-71	YT220008333	YT580002068	YT902659400	
TY67110-U2160-71	YT220008359	YT580006927	YT904661600	
TY67110-U2170-71	YT220012902	YT580011187	YT905260600	
TY67110-U2180-71	YT220015365	YT580011188	YT905352603	
TY6711B-32071-71	YT220073672	YT580011189	YT905352604	



HYDRAULIC

HYDRAULIC PUMP SEAL KITS



HYDRAULIC PUMP SEAL KITS

PART

ALLIS CHALMERS

AC4871520

AC4907409

AC4912085

AC4918299

AC4918309

AC4932945

AC4942563

AC4942680

AC4949601

AC4949924

AC8640908

AC8764850

AC8766094

AC8766095

BT

BT201595

CLARK

CL1821039

CL3700179

CL6516318

CL889126

CL889817

CL892537

CL910768

CL913963

CL920172

CL924653

CL927889

CL991565

CL999009

PART

CROWN

CR078654

CR110222

CR115135

CR125864

CR78654

CATERPILLAR

CT0906040

CT1015558

CT906040

CT9127101200

CT9127110130

CT9127136120

HYSTER

HY0199014

HY0235747A

HY0372915

HY0387482

HY0865234

HY1307449

HY1328816

HY1328916

HY1352465

HY1358680

HY1366641

HY1385139

HY1455821

HY1467587

HY199014

HY199916

HY235747A

PART

HYSTER

HY258163

HY3012206

HY3051940

HY3053167

HY3061304

HY3099618

HY3135901

HY332546

HY372915

HY387482

HY865234

JUNGHEINRICH

JU14301950

JU14350120

KOMATSU

K03EA-60-05010

K03EB-60-05030

K03EB-60-21010

KOKBB530A-10002

mitsubishi

MB0906040

MB1015558

MB91271-01200

MB91271-10130

MB91271-26120

MB91271-36120

MANITOU

MN46711089071

MN46712079071

MN46713111071

PART

MULTITON (MIC)

MT07459010

NISSAN

NI69199-04H00

NI69199-2K000

NI69199-32H00

NI69199-L1100

NI69199-L1400

POWER BOSS

PB3324091

PRIME MOVER

PM201595

RAYMOND

RA500-338-10

RA500-405-53

ROL-LIFT

RL7-99001

RLT5BOK-SLIM

SAMSUNG

SG1821039

SG913963

TCM

TC110F7-12001

TC130C7-12001

TC13657-19801

TC20003-10244

TOYOTA

TY04381-40220-71

TY04381-40250-71

TY04381-40270-71

TY04671-10710-71

PART

TOYOTA

TY04671-10711-71

TY04671-10712-71

TY04671-10750-71

TY04671-10751-71

TY04671-10752-71

TY04671-10890-71

TY04671-20360-71

TY04671-20361-71

TY04671-20770-71

TY04671-20790-71

TY04671-31110-71

TY04671-31280-71

TY04671-U2040-71

YALE

YT220002542

YT220051066

YT220087015

YT500700800

YT501167800

YT504229279

YT505964534

YT509778814

YT900937850

YT901878850



FLOW CONTROL / HYDRAULIC & VELOCITY FUSES

PART #

ALLIS CHALMERS

AC4821904	Regulator Flow
AC4913137	Valve - 3 Way 24v

BAKER

BK988621	Check Valve - Hydraulic Pump
BK988662	Valve - 3 Way 24v
BK988663	Valve - 3 Way 24v
BK993975	Valve - 3 Way 24v
BK993976	Valve - 3 Way 24v
BK997324	Valve - 3 Way 24v

BARRETT

BR27327-096	Valve - 3 Way 24v
BRA27327-096	Valve - 3 Way 24v

CASCADE

CA1358999	Check Valve Kit
CA557212	Check Valve
CA563904	Check Valve Kit

CLARK

CL1625336	Valve - Main
CL1758384	Valve
CL1781396	Flow Control
CL1781402	Flow Control
CL1781434	Flow Control
CL1781435	Flow Control
CL1781437	Flow Control
CL1781439	Flow Control
CL1783765	Flow Control
CL1831796	Double Auxiliary Valve
CL1832274	Single Auxiliary Valve
CL2324349	Flow Control
CL2330499	Flow Control Block
CL2330500	Flow Control Block
CL2330501	Flow Control
CL2330504	Flow Control Block
CL2330654	Flow Control
CL2330656	Flow Control

PART #

CLARK

CL2330657	Flow Control
CL2330662	Flow Control Regulator
CL2334349	Flow Control
CL233471	Tilt Lock Valve
CL2346308	Flow Control
CL2350337	Flow Control
CL2357376	Valve Control
CL2359397	Flow Control
CL2363674	Check Valve - Hydraulic
CL237020	Valve
CL2383086	Flow Control Valve
CL2392337	Flow Control Valve
CL2393128	Check Valve - Hydraulic
CL2393268	Flow Control Valve
CL2393269	Hydraulic Fuse
CL2394121	Manifold - Hydraulic
CL2394921	Fuse Hydraulic
CL2394922	Fuse Hydraulic
CL2396504	Fuse Hydraulic
CL245967	Coil (24 Volt)
CL246374	Pump Charge
CL246806	Solenoid Valve Assembly
CL2770084	Fuse Hydraulic
CL2773139	Fuse Hydraulic
CL2774625	Valve - Hydraulic
CL2776723	Fuse Hydraulic
CL2778087	X-over Relief
CL2783503	Flow Control
CL2789206	Fuse Hydraulic
CL2789211	Valve - Hydraulic
CL2797015	Check Valve
CL2799846	Coil
CL2799847	Cartridge
CL2801533	Flow Control
CL2801870	Maifold

PART #

CLARK

CL2801873	Fuse Hydraulic
CL2802005	Check Valve - Hydraulic
CL2802372	Flow Control Valve
CL2804837	Fuse Hydraulic
CL2806886	Fuse Hydraulic
CL2809398	Flow Control Valve
CL2810229	Coil
CL2816969	Valve
CL2817614	Flow Control Valve
CL2825298	Valve - Control
CL327007	Valve - Needle
CL330800	Valve
CL330804	Auxiliary Valve
CL3734222	Valve - Main
CL664698	Valve - 3 Way 24v
CL905751	Coil
CL907267	Coil
CL911667	Coil - 36 Volt
CL911676	Valve - Cartridge
CL915132	Valve Assembly - Solenoid 24V
CL933590	Sequence Valve
CL992376	Load Lowering Valve
CL994692	Check Valve - Hyd. Pump
CL994698	Valve - 3 Way 24v
CL994708	Load Loweing Valve
CL999760	Relief Valve

CROWN

CR075781	Check Valve - Hydraulic
CR075977-001	Valve Assembly - Solenoid
CR075977-1	Valve Assembly - Solenoid
CR083942	Valve - Pilot Check
CR084106	Solenoid - Valve
CR084339	Check Valve - Hyd. Pump
CR084344-001	Valve - 3 Way 24v
CR084344-002	Valve Assembly - Solenoid 12V

Continued on Next Page



HYDRAULIC

FLOW CONTROL

FLOW CONTROL / HYDRAULIC FUSES - CONTINUED

PART #	
CROWN	
CR084344-2	Valve Assembly - Solenoid 12V
CR086146-001	Valve - Solenoid
CR086146-002	Valve - Solenoid
CR086146-1	Valve - Solenoid
CR086146-2	Valve - Solenoid
CR086153	Valve - Check
CR086289	Check Valve - Hydraulic
CR086909	Valve - Pilot Check
CR088280-001	Valve - Solenoid
CR088280-1	Valve - Solenoid
CR089685	Relief Valve
CR091693	Relief Valve - Hydraulic
CR092531	Relief Valve
CR093755-002	Valve Assembly - Solenoid
CR093755-003	Valve Assembly - Solenoid
CR093755-2	Valve Assembly - Solenoid
CR093755-3	Valve Assembly - Solenoid
CR094345-001	Flow Control Valve
CR094345-002	Flow Control Valve
CR094345-003	Flow Control Valve
CR094345-004	Flow Control Valve
CR094345-005	Flow Control Valve
CR094345-1	Flow Control Valve
CR094345-2	Flow Control Valve
CR094345-3	Flow Control Valve
CR094345-4	Flow Control Valve
CR094345-5	
CR104164-006	Coil - Solenoid
CR104164-6	Coil - Solenoid
CR107412	Valve - Solenoid
CR109390-001	Fuse - Velocity
CR109390-1	Fuse - Velocity
CR112403	Solenoid - Valve
CR112404-002	Valve - Solenoid
CR112404-2	Valve - Solenoid
CR114909-003	Relief Valve
CR114909-3	Relief Valve
CR117080	Relief Valve
CR117081	Flow Control Valve
CR117082	Solenoid Valve Assembly 12V
CR117083	Solenoid Valve Assembly 12V
CR117304-001	Solenoid Valve Assembly
CR117304-1	Solenoid Valve Assembly
CR117385-003	Solenoid Valve Assembly
CR117385-3	Solenoid Valve Assembly
CR117713-001	Flow Regulator
CR117713-1	Flow Regulator

PART #	
CROWN	
CR122167-001	Solenoid Valve Assembly
CR122167-1	Solenoid Valve Assembly
CR123704-001	Flow Regulator
CR123704-1	Flow Regulator
CR75781	Check Valve - Hydraulic
CR75977-001	Valve Assembly - Solenoid
CR75977-1	Valve Assembly - Solenoid
CR83942	Valve - Pilot Check
CR84106	Valve - Solenoid
CR84339	Check Valve - Hydraulic Pump
CR84344	Valve - 3 Way 24v
CR84344-002	Solenoid Valve Assembly 12V
CR84344-1	Valve - 3 Way 24v
CR84344-2	Solenoid Valve Assembly 12V
CR86146-001	Valve - Solenoid
CR86146-002	Valve - Solenoid
CR86146-1	Valve - Solenoid
CR86146-2	Valve - Solenoid
CR86153	Valve - Check
CR86289	Check Valve - Hydraulic
CR86909	Valve - Pilot Check
CR88068	Check Valve - Hydraulic Pump
CR88094	Valve - Solenoid
CR88280-001	Valve - Solenoid
CR88280-1	Valve - Solenoid
CR89667	Valve - 3 Way 24v
CR89668	Valve - 3 Way 24v
CR89669	Valve - 3 Way 24v
CR89685	Relief Valve
CR91679	Valve - 3 Way 24v
CR91693	Relief Valve - Hydraulic
CR92531	Relief Valve
CR93755-002	Valve Assembly - Solenoid
CR93755-003	Valve Assembly - Solenoid
CR93755-2	Valve Assembly - Solenoid
CR93755-3	Valve Assembly - Solenoid
CR94345-001	Flow Control Valve
CR94345-002	Flow Control Valve
CR94345-003	Flow Control Valve
CR94345-004	Flow Control Valve
CR94345-005	Flow Control Valve
CR94345-1	Flow Control Valve
CR94345-2	Flow Control Valve
CR94345-3	Flow Control Valve
CR94345-4	Flow Control Valve
CR94345-5	Flow Control Valve
CR94345-7	Flow Control Valve

PART #	
CROWN	
CR94565	Valve - 3 Way 24v
CATERPILLAR	
CT1036484	Flow Control Valve
CT1036486	Flow Control Valve
CT1055611	Flow Control
CT1009150	Solenoid Valve Assembly 24V
CT1075421	Solenoid Valve Assembly 24V
CT1075423	Relief Valve
CT216165	Valve - Solenoid
CT540967	Flow Valve
CT643906	Valve
CT6T6471	Valve
CT920650	Valve
DARWO	
DW987293	Control Valve
DWA213198	Valve
DWA215270	Control Valve
DWD516051	Valve
HYSTER	
HY1322369	Flow Control
HY1322370	Relief Valve
HY1322371	Solenoid Valve Assembly 12V
HY1322373	Coil 12 Volt
HY1322425	Cartridge
HY1322441	Coil 24 Volt
HY1345677	Valve - Solenoid
HY1371674	Valve Assembly - Solenoid
HY2033925	Flow Control Valve
HY2304577	Flow Control
HY2307856	Fuse - Velocity
HY2308371	Valve Assembly - Solenoid
HY2309150	Flow Control Valve
HY2309217	Flow Regulator
HY2310149	Fuse - Velocity
HY3007419	Flow Control
HY3012457	Valve - 3 Way 24v
HY3013610	Check Valve - Hydraulic Pump
HY3013623	Valve - Solenoid
HY3015125	Flow Control Valve
HY3053899	Solenoid Valve Assembly 12V
HY315262	Valve - Hydraulic
HY316306	Valve - Hydraulic
HY319891	Valve - Hydraulic
HY323061	Valve - Hydraulic
HY355866	Check Valve - Hydraulic Pump
HY358090	Valve
HY372403	Valve 24 Volt



FLOW CONTROL / HYDRAULIC FUSES - CONTINUED

PART #	
HYSTER	
HY372405	Valve 12 Volt
HY378424	Valve
mitsubishi	
MB1009146	Flow Control Valve
MB1009150	Solenoid Valve Assembly 24V
MB1075421	Solenoid Valve Assembly 24V
MB1075422	Flow Control Valve
MB1075423	Relief Valve
MB59036-00010	Hydraulic Fuse
MB59036-00011	Hydraulic Fuse
MB59036-00022	Hydraulic Fuse
MB59036-00032	Hydraulic Fuse
MB59036-01060	Hydraulic Fuse
MB59036-03020	Hydraulic Fuse
PRAMAC	
PC4010035	Valve Assembly
PC4010036	Valve Assembly
PRIME MOVER	
PM41243-01	Coil - 24 Volt
RAYMOND	
RA520-208	Flow Control
RA520-225	Relief Valve
RA520-233-001	Relief Valve
RA520-306	Valve
RA520-316	Check Valve
RA520-432	Valve - Solenoid
RA520-816-04	Valve - Solenoid
RA520-820-07	Valve Comp
RA520-821-02	Valve
RA520-822-01	Valve
RA520-822-02	Relief Valve
RA520-826-001	Valve
RA520-826-002	Valve - Solenoid
RA520-835-04	Valve - Needle
RA520-835-08	Check Valve
RA520-845-111	Regulator - Flow Adjustable
RA520-910-02	Coil
RA560-204-38	Solenoid Valve Assembly 12V

PART #	
RAYMOND	
RA560-206-123	Flow Control Valve
RA560-206-125	Relief Valve
RA560-206-128	Coil 12 Volt
RA520-156-001	Flow Control
RA520-156-002	Flow Control
RA520-157	Flow Control Valve
RA520-160	Flow Control Valve
RA520-162	Flow Control Valve
RA520-163	Flow Control Valve
RA520-168	Velocity Fuse
RA520-169	Velocity Fuse
RA520-170	Velocity Fuse
RA520-171	Velocity Fuse
RA520-173	Flow Control Valve
RA560-207-114	Coil 42 Volt
RA560-209-04	Solenoid Valve Assembly 24V
RA560-209-05	Flow Control Valve
RA560-209-06	Relief Valve
RA820-814-04	Flow Regulator
RA870-410-27	Swivel Assembly
RA939-135	Coil 24 Volt
TOTALSOURCE	
SY23033	Flow Control
SY23034	Solenoid Valve Assembly 12V
SY23035	Coil 24 Volt
SY23260	Solenoid Valve Assembly 12V
SY23465	Velocity Fuse
SY23523	Coil 12 Volt
SY23524	Coil 24 Volt
SY23569	Solenoid Release Valve
SY27831	Valve 24 Volt
SY27832	Valve 12 Volt
TOYOTA	
TY00590-04563-71	Solenoid Valve Assembly 24V
TY00590-04696-71	Flow Control Valve
TY00590-04697-71	Relief Valve
TY00590-04891-71	Flow Control Valve
TY00590-04895-71	Solenoid Valve Assembly 24V

PART #	
TCM	
TC15583-80211	Control Valve
YALE	
YT502978501	Velocity Fuse
YT502978502	Velocity Fuse
YT502978503	Velocity Fuse
YT504233229	Valve - Hydraulic
YT515745803	Coil 12 Volt
YT515745804	Coil 24 Volt
YT517160602	Solenoid Valve assembly
YT518818806	Check Valve - Hyd. Pump
YT520045170	Valve - Hydraulic
YT520045180	Valve - Hydraulic
YT580011276	Cartridge
YT722551403	Solenoid Valve Assembly
YT722552403	Solenoid Valve Assembly
YT751598301	Solenoid Release Valve
YT901378811	Cylinder - Control Valve
YT912447611	Control Valve - Hydraulic
YT500252105	Flow Control
YT500252106	Flow Control
YT500252111	Flow Control
YT500252112	Flow Control Valve
YT500252114	Flow Control Valve
YT500252115	Flow Control Valve
YT500252122	Flow Control
YT500252123	Flow Control
YT500252125	Flow Control Valve
YT500252128	Flow Control Valve
YT500252129	Flow Control Valve
YT500252133	Flow Control



HYDRAULIC

AUXILIARY VALVES

SY86768

· Applications: Toyota 6FB15,20,25,30



SY86769

· Applications: Toyota FBM-16, 20, 25 5FB10,15,18 5FB20,25,30



SY86770

· Applications: Toyota 4FB10,14,15 4FB20,25



SY86771

· Applications: Toyota 5FG/5FD 35,40,45 UP TO APRIL 93'



SY86772

· Applications: Toyota 2FBE15



SY86775

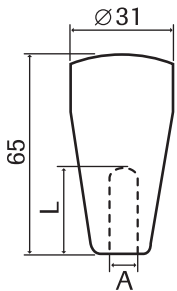
· Applications: Toyota 4FG10, 14, 15, 18 3FD10, 14,15,18



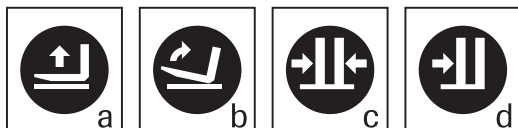
KNOBS

KNOBS

- Plastic
- Other markings available on request



A	L
M8 x 1,5	15
M10 x 1,5	25



TOTALSOURCE #	MARKING	A
SY74058	Neutral	M8
SY74059	a	M8
SY74060	b	M8
SY74061	c	M8
SY74062	d	M8
SY74063	Neutral	M10
SY74064	a	M10
SY74065	b	M10
SY74066	c	M10
SY74067	d	M10



LEVER KITS

SY86773

- Applications: Komatsu
G10D-14-15D-18D-15,
FG/FD15HD-18HD-15,
FD10D-14D-15D-18D-15,
FG/FD20D-25D-30D-11,
FG20S-25S-30S-11



SY86774

- Applications: Mitsubishi
FG10/FG25A,14,15- FG20,
25/F17B-FD20,
25 F18B-FD28,
30 F14C-FG28,30 F13D



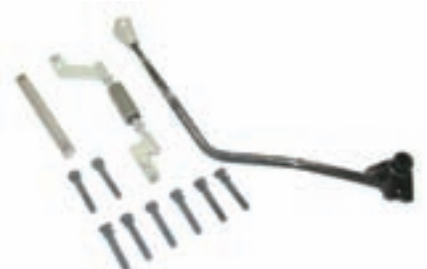
SY86776

- Applications: Toyota
2FBE15



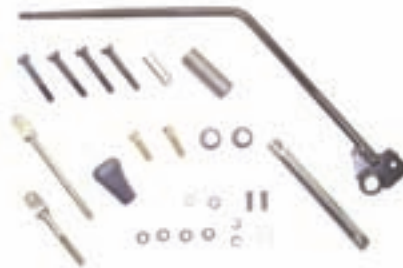
SY86777

- Applications: Toyota
FBM-16, 20, 25



SY86778

- Applications: Toyota
5FB10,15,18 5FB20,
25,30



SY86779

- Applications: Toyota
6FB15,20,25,30



SY86780

- Applications: Toyota
5FGF/5FDF-10,15,20,25



SY86781

- Applications: Toyota
5FG/5FD 35,40,45 FROM
APRIL 93'



SY86782

- Applications: Toyota
6FG/6FD-10,14,15,18
6FG/6FD20,23,256FG/
6FD28,30



SY86783

- Applications: Toyota
SERIES 5 5FGF/5FDF-
10,15,20,25





HYDRAULIC

HYDRA SMOOTH

HYDRA SMOOTH

The Hydra Smooth is a hydraulic accumulator designed to reduce hydraulic pressure on forklifts, and in the process, reduce shock and vibration levels. Hydra Smooth turns your lift cylinders into a shock absorbing system.

- Smooth ride with less vibrations
- Reduces maintenance downtime
- Cuts expenses thanks to longer part life
- Reduces operator fatigue
- Cushions products as they are moved reducing loss from damage



TOTALSOURCE #	DESCRIPTION	WEIGHT
SYHS-100NV-T	Accumulator	3,000 - 12,000 lb Lift Trucks
SYHS-100T	Accumulator With Valve	3,000 - 12,000 lb Lift Trucks
SYHS-200NV-T	Accumulator	13,000 - 50,000 lb Lift Trucks
SYHS-200T	Accumulator With Valve	13,000 - 50,000 lb Lift Trucks
SYHS-300T	Accumulator With Valve	50,000 - 100,000 lb Lift Trucks
SYHS-50T	Tilt Cylinder	
SYHS-50V-T	Tilt Cylinder With Valve	
SYHS-25	Accumulator Charging Kit	



VALVE SEAL KITS



VALVE SEAL KITS

PART #	PART #	PART #	PART #	PART #
ALLIS CHALMERS	CLARK	CATERPILLAR	HYSTER	TOYOTA
AC4930399	CL921115	CT6R8131	HY336838	TY04676-20481-71
BAKER	CL924250	CT905961	HY339315	TY04676-U2010
BK3001Y28	CL980853	CT907080	KOMATSU	TY04676-U2010-71
BKCR605	CL993498	CT926289	KO3EC-15-05020	YALE
CLARK	CONTINENTAL	CT926290	KO3EB-15-05151	YT0985486LF
CL162144	CN10091001	CT926291	KO3EB-15-05510	YT504230287
CL1810148	CNTM27100319	CT972546	MITSUBISHI	YT509778800
CL1810820	CROWN	DAEWOO	MB91273-30150	YT509778812
CL2316436	CR107366	DW659060	RAYMOND	
CL618241	CR111790-1	DW6R8131	RA530-726	
CL757761	CR112704	DW905961	TOYOTA	
CL889821	CATERPILLAR	HYSTER	TY04451-U1040-71	
CL909601	CT1036495	HY1377026	TY04671-20340-71	
CL909619	CT303262	HY205122	TY04676-20401-71	
CL917280	CT534590	HY272436	TY04676-20410-71	
CL918227	CT659060	HY305071	TY04676-20411-71	



HYDRAULIC CYLINDERS LIST

PART #	PHOTO #	PART #	PHOTO #	PART #	PHOTO #	PART #	PHOTO #
BAKER		INTRUPA		LPM		TOTALSOURCE	
BK151708	16	INCR-308	6	LP900-1005	13	SY87837	15
CLARK		INCR-309	5	LP900-1008	12	SY87839	19
CL2328173	15	INCR-322	13	LP900-1022	11	SY87840	14
CL923608	19	INCR-362	4	LP900-1025	10	SY87841	18
CROWN		INCR-429	18	LP900-1026	9	SY87842	4
CR105203	14	INCR-471	2	LP900-3008	8	SY87843	7
CR107507	18	INE-2195	16	LP900-4001	7	SY87844	6
CR111946	4	INHY-1525	12	LP900-4002	6	SY87845	5
CR112987	7	INHY-1551	1	LP900-4003	5	SY87846	13
CR122298-1	6	INHY-1554	8	LP900-4006	4	SY87847	2
CR122298-2	5	INHY-1597	17	LP900-4009	3	SY87853	11
CR123399-1	13	INRA-1018	3	LP900-4013	2	SY87854	3
CR132388	2	INRA-1186	11	LP909-3002	1	SY87855	10
DAEWOO		INTY-442	10	RAYMOND		SY87856	9
DWA215043	20	INTY-443	9	RA1015666-600	11	SY87857	20
HYSTER		LPM		RA540-091-400	3	TOYOTA	
HY1321173	1	LP466-2003	19	TOTALSOURCE		TY65510-U2100-71	10
INTRUPA		LP466-2011	18	SY35010	12	TY65520-U2100-71	9
INCL-1162	15	LP466-2020	17	SY35063	17	YALE	
INCL-1800	19	LP605-1570	16	SY44776	1	YT519668601	8
INCR-240	7	LP894-2167	15	SY57034	8	YT580008266	17
INCR-242	14	LP900-1004	14	SY87836	16	YT580031231	12

01 SY44776 · INHY-1551 · LP909-3002



02 SY87847 · INCR-471 · LP9004013

· Reach RH



03 SY87854 · INRA-1018 · LP900-4009

· Reach Ram Assembly





HYDRAULIC

HYDRAULIC CYLINDERS

04 SY87842 · INCR-632 · LP900-4006

· Reach



05 SY87845 · INCR-309 · LP900-4003

· Reach LH



06 SY87844 · INCR-308 · LP900-4002

· Reach RH



07 SY87843 · INCR-240 · LP900-4001

· Assembly - Reach



08 SY57034 · INHY-1554 · LP900-3008



09 SY87856 · INTY-443 · LP900-1026

· Tilt



10 SY87855 · INTY-442 · LP900-1025

· Tilt



11 SY87853 · INRA-1186 · LP900-1022

· Assembly - HYD



12 SY35010 · INHY-1525 · LP900-1008

· Assembly - Tilt



13 SY87846 · INCR-322 · LP900-1005

· Tilt



14 SY87840 · INCR-242 · LP900-1004

· Assembly - Tilt



15 SY87837 · INCL-1162 · LP894-2167

· Assembly





HYDRAULIC CYLINDERS

16 SY87836 · INE-2195 · LP605-1570

· Assembly



17 SY35063 · INHY-1597 · LP466-2020



18 SY87841 · INCR-429 · LP466-2011

· Steer



19 SY87839 · INCL-1800 · LP466-2003

· Power Steering



20 SY87857

· Tilt



HYDRAULIC CYLINDERS NOT PICTURED

PART #	DESCRIPTION
CLARK	
CL2392345	Cylinder - Tilt
CROWN	
CR132393	Cylinder - Reach Lh
CR82310-2	Cylinder Assembly - Tilt
CR93559-1	Cylinder Assembly
CR93559-2	Cylinder Assembly
CR93559-3	Cylinder Assembly
INTRUPA	
INCL-1869	Cylinder - Tilt
INCR-241	Cylinder Assembly
INCR-310	Cylinder Assembly
INCR-347	Cylinder Assembly - Tilt
INCR-361	Cylinder Assembly
INCR-468	Cylinder - Reach Lh

PART #	DESCRIPTION
INTRUPA	
INHY-1668	Cylinder - Tilt
INHY-1702	Cylinder Assembly
LPM	
LP466-2021	Cylinder Assembly
LP900-1006	Cylinder Assembly - Tilt
LP900-1012	Cylinder - Tilt
LP900-1018	Cylinder - Tilt
LP900-3001	Cylinder Assembly
LP900-3006	Cylinder Assembly
LP900-3007	Cylinder Assembly
LP900-4010	Cylinder - Reach Lh
TOTALSOURCE	
SY33120	Cylinder - Tilt
SY35215	Cylinder Assembly

PART #	DESCRIPTION
TOTALSOURCE	
SY87838	Cylinder - Tilt
SY87848	Cylinder - Reach Lh
SY87849	Cylinder Assembly - Tilt
SY87850	Cylinder Assembly
SY87851	Cylinder Assembly
SY87852	Cylinder Assembly
YALE	
YT504225267	Cylinder Assembly
YT505965521	Cylinder - Tilt



HYDRAULIC

LIFT CYLINDER SEAL KITS



LIFT CYLINDER SEAL KITS

PART #	PART #	PART #	PART #	PART #	PART #
ALLIS CHALMERS	BAKER	CLARK	CLARK	CROWN	CATERPILLAR
AC4906053	BK3001Y26	CL1811120	CL1813024	CR101310	CT1033817
AC4906087	BK3001Y29	CL1811122	CL1813023	CR101313	CT1033819
AC4906099	BK3001Y30	CL1811124	CL1813034	CR101314	CT1034528
AC4906100	BK300Y26	CL1811125	CL1813039	CR101316	CT1034532
AC4906111	BKL0009608008	CL1811127	CL1813061	CR101323	CT1040711
AC4906380	BKLA1068055001	CL1811129	CL1813082	CR101326	CT1040763
AC4906392	BKST138727	CL1811130	CL1813083	CR101329	CT1040948
AC4908059	BARRETT	CL1811132	CL1813139	CR101331	CT1041023
AC4908297	BR28907-000	CL1811133	CL1813176	CR101332	CT1041095
AC4908541	BR28951-000	CL1811142	CL1813084	CR101335	CT1042447
AC4908917	BR28999-000	CL1811148	CL1818864	CR101336	CT1042519
AC4910443	CASCADE	CL1811149	CL1830350	CR101338	CT1049892
AC4913075	CA210090	CL1811154	CL1830351	CR101339	CT1049893
AC4913486	CA560349	CL1811155	CL1830352	CR101340	CT1055631
AC4914879	CA560351	CL1811157	CL1830358	CR101341	CT1075286
AC4914917	CA560352	CL1811160	CL1830360	CR106471	CT1112187
AC4917655	CA561307	CL1811161	CL1830361	CR111573	CT1143154
AC4918325	CA561315	CL1811162	CL1831020	CR111574	CT1143161
AC4918585	CA562591	CL1811163	CL1831075	CR113745	CT1146610
AC4932484	CA564050	CL1811164	CL2372312	CR114614	CT17108
AC4970773	CA643280	CL1811209	CL2516070	CR116820	CT215422
AC4998711	CA645121	CL1811275	CL3769180	CR116872	CT215426
ATLAS	CA646305	CL1811314	CL4304952	CR118893	CT215808
AT3025B	CAC555725	CL1811315	CL840948	CR118914	CT216202
BOBCAT	CAC555725	CL1811327	CL841270	CR123868	CT216297
BC6587790	CAC560349	CL1811347	CL912339	CR123894	CT216298
BLUE GIANT	CAC639461	CL1811369	CL914698	CR123977	CT216302
BG906-0102	CAC643280	CL1811393	CL914703	CR128093	CT396746
BAKER	CAC645121	CL1811415	CL917838	CR42249	CT396749
BK101600	CAC646305	CL1811481	CL919973	CR87317	CT396757
BK101969	CAC646340	CL1811503	CL990208	CR90880	CT396759
BK102218	CLARK	CL1811507	CL994287	CR94580	CT396760
BK105235	CL134438	CL1811634	CROWN	CASE	CT396801
BK105652	CL1810737	CL1811691	CR042249	CS128725A1	CT396801
BK106663	CL1810982	CL1811785	CR087317	CS128728A1	CT396845
BK109009	CL1810982	CL1811923	CR101296	CATERPILLAR	CT694526
BK3001Y13	CL1811046	CL1813014	CR101301	CT1009128	CT694527
BK3001Y14	CL1811107	CL1813016	CR101302	CT1016257	CT695523
BK3001Y20	CL1811108	CL1813017	CR101309	CT1016333	CT697356



LIFT CYLINDER SEAL KITS - CONTINUED

PART #	PART #	PART #	PART #	PART #	PART #
CATERPILLAR	CATERPILLAR	HYSTER	HYSTER	HYSTER	HYSTER
CT6T8406	CT973803	HY1360138	HY297454	HY3014934	HY3018480
CT8Q7398	CTD510236	HY1360139	HY297455	HY3014935	HY3018481
CT901523	CTD511211	HY1360140	HY299327	HY3014936	HY3018482
CT911700	CTD511213	HY1360141	HY3006388	HY3014937	HY3018483
CT911701	DAEWOO	HY1360142	HY3007616	HY3015184	HY3018484
CT914634	DW911700	HY1378724	HY3008586	HY3015186	HY3018485
CT914635	DW911701	HY139177	HY3008587	HY3015190	HY3018486
CT914637	DWD510236	HY144087	HY3009011	HY3015191	HY3018556
CT9411900088	DWD511208	HY144088	HY3009014	HY3015192	HY3018558
CT9425100058	DWD511211	HY145378	HY3009015	HY3015200	HY3018569
CT9431900078	DWD511213	HY145729	HY3009018	HY3015202	HY3019128
CT9431900088	HYSTER	HY146367	HY3009019	HY3015207	HY3019426
CT9435100048	HY1168937	HY148292	HY3009022	HY3015209	HY3019958
CT94351-00048	HY1302304	HY148296	HY3009023	HY3015217	HY3020926
CT9435100068	HY1302763	HY148413	HY3009251	HY3015220	HY3029349
CT9435100078	HY1302764	HY148415	HY3009252	HY3015222	HY3034187
CT94351-00078	HY1302765	HY148970	HY3009254	HY3015225	HY3035775
CT9435110078	HY1302767	HY2034259	HY3009257	HY3015226	HY3038174
CT94351-10078	HY1302768	HY2303974	HY3009258	HY3015227	HY3046171
CT9446200018	HY1302771	HY2304259	HY3009260	HY3015233	HY3048801
CT94462-00018	HY1322296	HY2306598	HY3009262	HY3015234	HY3049353
CT9446220018	HY1329775	HY2306639	HY3009883	HY3015235	HY3049836
CT94462-20018	HY1332016	HY2307177	HY3010928	HY3015236	HY3049838
CT9446220028	HY1332017	HY2307647	HY3011813	HY3015237	HY3054871
CT94462-20028	HY1332018	HY2307819	HY3012403	HY3015238	HY3060259
CT9446230018	HY1332019	HY2307874	HY3012408	HY3015240	HY3063598
CT94462-30018	HY1332022	HY2310747	HY3012409	HY3015241	HY3063599
CT971181	HY1332421	HY2311624	HY3012410	HY3015242	HY3063610
CT971183	HY1332563	HY250559	HY3012411	HY3015243	HY3063611
CT971186	HY1332564	HY250623	HY3012412	HY3015244	HY3063613
CT971188	HY1332565	HY250624	HY3012811	HY3015245	HY3063614
CT971191	HY1332566	HY250932	HY3012814	HY3015246	HY3063615
CT971192	HY1334562	HY250933	HY3012818	HY3015249	HY3063616
CT971195	HY1334570	HY250935	HY3013521	HY3015376	HY3063617
CT971196	HY133460	HY250936	HY3013523	HY3015380	HY3064054
CT971207	HY133461	HY250943	HY3013550	HY3015384	HY3066249
CT971208	HY1355276	HY270930	HY3013552	HY3015979	HY306763
CT971209	HY1355277	HY280182	HY3014401	HY3015985	HY3067875
CT971714	HY1355286	HY280185	HY3014402	HY3015986	HY3091386
CT971715	HY1355411	HY280535	HY3014728	HY3016186	HY3092726
CT972429	HY1355497	HY280536	HY3014926	HY3018228	HY3126724
CT972430	HY1355714	HY280537	HY3014927	HY3018231	HY3126725
CT973569	HY1355882	HY285760	HY3014928	HY3018232	HY3135891
CT973611	HY1356293	HY285761	HY3014929	HY3018475	HY318004
CT973776	HY1356662	HY285762	HY3014930	HY3018476	HY322575
CT973780	HY1358963	HY285763	HY3014932	HY3018477	HY323785
CT973785	HY1358969	HY286264	HY3014933	HY3018479	HY327350

Continued on Next Page



HYDRAULIC

LIFT CYLINDER SEAL KITS

LIFT CYLINDER SEAL KITS - CONTINUED

PART #	PART #	PART #	PART #	PART #	PART #
HYSTER	INTRUPA	LPM	MITSUBISHI	NISSAN	SAMSUNG
HY327393	INCL-1451	LP877-1000	MB9435100048	NI58299-L1401	SG1811369
HY327870	INCR-160	LP877-1037	MB94351-00048	NI58399-L1100	SGHC630001SL
HY327871	INCR-230	LP891-1315	MB94351-00068	NI58499-02H10	STILL
HY328070	INCR-323	LP892-1008	MB9435100078	NI58499-12H11	SL5446117
HY328180	INIE-104559	LP892-1257	MB94351-00078	NI58499-22H10	TOTALSOURCE
HY333833	KALMAR LMV	LP894-1090	MB9435110078	NI58499-25H10	SY23018
HY333840	KM140373	LP894-1098	MB94351-10078	NI58499-51H00	SY23047
HY337029	KM140575	LP894-2040	MB94204-00098	NI58499-L1100	SY23072
HY337268	KM141021	LP894-2043	MB94404-30140	NI58499-L1101	SY23073
HY337269	KOMATSU	LP894-2047	MB9446200018	NI58499-L1102	SY23074
HY340078	K037C-KIT-A400	LP894-2051	MB94462-00018	NI58499-L1400	SY23078
HY340079	K03EA-64-05030	LP894-2100	MB9446220018	NI58499-L1401	SY23120
HY344118	K03EB-64-05070	LP894-2116	MB94462-20018	NI58499-L1402	SY23203
HY347486	K03EB-64-05080	LP894-2126	MB9446220028	NI58499-L6000	SY23227
HY355695	K03EB-64-05091	LP894-2130	MB94462-20028	NI58499-L6001	SY23239
HY355909	K03EC-63-05010	MITSUBISHI	MB9446230018	NI59118-20H01	SY23263
HY359024	K03EC-63-05020	MB1009128	MB94462-30018	NINF94462-30018	SY23284
HY371955	K03EC-64-05011	MB1016257	MARKLIFT	PRIME MOVER	SY23288
HY375225	K03EC-64-A2390	MB1016333	MK02600109	PM22019-00	SY23290
HY629326	K0560349	MB1033819	NISSAN	PM28200-00	SY23325
HY638884	K0560351	MB1034528	NI56034-9	RAYMOND	SY23353
HY639456	K0562591	MB1040711	NI56259-1	RA530-721-01	SY23487
HY639461	KOCC560349	MB1040763	NI58099-10H00	RA530-725-01	SY23488
HY640388	KOCC560352	MB1040948	NI58099-10H60	RA530-727-02	SY23490
HY642300	KOCC560531	MB1041095	NI58099-20H00	RA530-727-2	SY23491
HY643280	KOCC562591	MB1042447	NI58099-20H12	RA530-730-01	SY23492
HY644484	LANSING	MB1042519	NI58099-23H00	RA530-731-01	SY23493
HY645059	LA1068055001	MB1075286	NI58099-23H60	RA530-731-02	SY23516
HY645121	LINDE	MB94114-00110	NI58099-L2600	RA530-731-03	SY23574
HY646305	LI101600	MB94114-00210	NI58099-L4900	RA530-732-03	SY31302
HY902755	LI101969	MB94119-00018	NI58099-L6000	RA540-028-06	SY31549
INTRUPA	LI102218	MB94119-00048	NI58099-L6001	RA540-041-05	SY31550
INAC-78	LI105235	MB94119-00088	NI58199-L1100	RA540-043-07	SY31551
INB-1029	LI105652	MB94133-00018	NI58199-L1300	RA540-043-15	SY31552
INCE-1012	LI106663	MB94151-00018	NI58199-L1400	RA540-046-05	SY31553
INCE-1013	LI1068055001	MB94151-00028	NI58199-L1700	RA540047006	SY31554
INCL-1088	LI109009	MB94162-00018	NI58199-L6000	RA540-047-06	SY31745
INCL-1201	LI3001Y13	MB94219-00018	NI58199-L6100	RA540-047-220	SY32021
INCL-1204	LI3001Y14	MB94219-00028	NI58299-01H00	RA540-061-218	SY32054
INCL-1206	LI3001Y26	MB94251-00018	NI58299-11H00	RA540-062-03	SY32766
INCL-1219	LI3001Y29	MB94251-00038	NI58299-24H00	RA540-067-214	SY33003
INCL-1227	LI3001Y30	MB94251-00058	NI58299-L1100	RA540-113-269	SY646339
INCL-1242	LI300Y26	MB94262-00028	NI58299-L1101	RA623-005-122	SY811239
INCL-1266	LPM	MB94304-40140	NI58299-L1110	RA870-478-07	SY811241
INCL-1271	LP826-1012	MB94319-00078	NI58299-L1111	SAMSUNG	TCM
INCL-1361	LP826-1013	MB94319-00088	NI58299-L1400	SG1811164L	TC210F0-89804



LIFT CYLINDER SEAL KITS - CONTINUED

PART #	PART #	PART #	PART #	PART #	PART #
TCM	TOYOTA	TOYOTA	TOYOTA	TOYOTA	TOYOTA
TC214A0-59801	TY04651-11060-71	TY04651-20262	TY04651-30840	TY04651-31390-71	TY04652-30190-71
TC214A8-49801	TY04651-11061-71	TY04651-20262-71	TY04651-30841	TY04651-31410	TY04652-30200-71
TC214A8-49805	TY04651-11090-71	TY04651-20390	TY04651-30841-71	TY04651-31410-71	TY04652-U1020
TC22438-49811	TY04651-11100-71	TY04651-20390-71	TY04651-30841-71	TY04651-31420	TY04652-U1020-71
TC22578-49801	TY04651-11110-71	TY04651-20400	TY04651-30842	TY04651-31420-71	TY04652-U2010-71
TC23458-49801	TY04651-11250	TY04651-20400-71	TY04651-30842-71	TY04651-31421-71	TY04652-u2010-71
TC23460-89801	TY04651-11250-71	TY04651-20421-71	TY04651-30910	TY04651-31430	TY04652-U2020-71
TC23650-59801	TY04651-11260-71	TY04651-20431	TY04651-30910-71	TY04651-31430-71	TY04652-u2020-71
TC23650-89802	TY04651-11261-71	TY04651-20431-71	TY04651-30911	TY04651-31440	TY04652-U3010
TC23650-89803	TY04651-11270-71	TY04651-20841	TY04651-30911-71	TY04651-31440-71	TY04652-U3010-71
TC23650-89806	TY04651-11271-71	TY04651-20841-71	TY04651-30920	TY04651-31450	TY04652-u3010-71
TC23650-89821	TY04651-11290-71	TY04651-20880-71	TY04651-30920-71	TY04651-31450-71	TY04653-10030-71
TC23650-89822	TY04651-11291-71	TY04651-20970	TY04651-30980	TY04651-31500-71	TY04653-10040
TC23658-59811	TY04651-11300	TY04651-20970-71	TY04651-30980-71	TY04651-31510-71	TY04653-10040-71
TC23658-59813	TY04651-11300-71	TY04651-20971-71	TY04651-31050	TY04651-31520-71	TY04653-10050
TC24239-49801	TY04651-11390-71	TY04651-20980-71	TY04651-31050-71	TY04651-31800-71	TY04653-10050-71
TC24239-49804	TY04651-20040-71	TY04651-20990-71	TY04651-31061	TY04651-31810-71	TY04653-10060
TC24240-89801	TY04651-20130	TY04651-20991-71	TY04651-31061-71	TY04651-31830-71	TY04653-10060-71
TC24600-89902	TY04651-20130-71	TY04651-20992-71	TY04651-31090-71	TY04652-10020	TY04653-10210
TC24608-59803	TY04651-20131	TY04651-21000-71	TY04651-31171-71	TY04652-10020-71	TY04653-10210-71
TC24609-49801	TY04651-20131-71	TY04651-21020-71	TY04651-31181-71	TY04652-10030	TY04653-10310-71
TC24609-49803	TY04651-20132	TY04651-21150-71	TY04651-31210	TY04652-10030-71	TY04653-10530-71
TC27248-49801	TY04651-20132-71	TY04651-21151-71	TY04651-31210-71	TY04652-10031-71	TY04653-20070
TC27390-59801	TY04651-20133	TY04651-21290-71	TY04651-31211	TY04652-10190	TY04653-20070-71
TC27410-59901	TY04651-20133-71	TY04651-21310-71	TY04651-31211-71	TY04652-10190-71	TY04653-20071
TC27830-89802	TY04651-20140	TY04651-21340-71	TY04651-31220-71	TY04652-10191	TY04653-20071-71
TOYOTA	TY04651-20140-71	TY04651-21350-71	TY04651-31230-71	TY04652-10191-71	TY04653-20080
TY00590-04544-71	TY04651-20141	TY04651-21360	TY04651-31240-71	TY04652-20031	TY04653-20080-71
TY00590-04547-71	TY04651-20141-71	TY04651-21360-71	TY04651-31250-71	TY04652-20031-71	TY04653-20081
TY04563-20071-71	TY04651-20142-71	TY04651-21370	TY04651-31280-71	TY04652-20040	TY04653-20081-71
TY04631-30920-71	TY04651-20150-71	TY04651-21370-71	TY04651-31281-71	TY04652-20040-71	TY04653-20090
TY04651-10030	TY04651-20151-71	TY04651-30040	TY04651-31282	TY04652-20060-71	TY04653-20090-71
TY04651-10060	TY04651-20180	TY04651-30040-71	TY04651-31282-71	TY04652-30010	TY04653-20100
TY04651-10060-71	TY04651-20180-71	TY04651-30110-71	TY04651-31290	TY04652-30010-71	TY04653-20100-71
TY04651-10060-71	TY04651-20181	TY04651-30111	TY04651-31290-71	TY04652-30011	TY04653-20110
TY04651-10061	TY04651-20181-71	TY04651-30111-71	TY04651-31300	TY04652-30011-71	TY04653-20110-71
TY04651-10061-71	TY04651-20182	TY04651-30170-71	TY04651-31300-71	TY04652-30020	TY04653-20120
TY04651-10652-71	TY04651-20182-71	TY04651-30211-71	TY04651-31301	TY04652-30020-71	TY04653-20120-71
TY04651-10662-71	TY04651-20184-71	TY04651-30212-71	TY04651-31301-71	TY04652-30040-71	TY04653-20130-71
TY04651-10671-71	TY04651-20185-71	TY04651-30290-71	TY04651-31301-71	TY04652-30050-71	TY04653-20131-71
TY04651-10820-71	TY04651-20186	TY04651-30291	TY04651-31302	TY04652-30070-71	TY04653-20140-71
TY04651-10870	TY04651-20186-71	TY04651-30291-71	TY04651-31302-71	TY04652-30131	TY04653-30010-71
TY04651-10870-71	TY04651-20251-71	TY04651-30292	TY04651-31310	TY04652-30131-71	TY04653-30020-71
TY04651-10871-71	TY04651-20260	TY04651-30292-71	TY04651-31310-71	TY04652-30132-71	TY04653-30030
TY04651-11030-71	TY04651-20260-71	TY04651-30310	TY04651-31311	TY04652-30150	TY04653-30030-71
TY04651-11031-71	TY04651-20261	TY04651-30310-71	TY04651-31311-71	TY04652-30150-71	TY04653-30050-71
TY04651-11032-71	TY04651-20261-71	TY04651-30561-71	TY04651-31370-71	TY04652-30180-71	TY04653-30060-71

Continued on Next Page



HYDRAULIC

LIFT CYLINDER SEAL KITS

LIFT CYLINDER SEAL KITS - CONTINUED

PART #	PART #	PART #	PART #	PART #	PART #
TOYOTA	YALE	YALE	YALE	YALE	YALE
TY04653-30111-71	YT220003061	YT220009953	YT220070500	YT505136013	YT580005942
TY04653-30210	YT220003064	YT220009954	YT220070502	YT505136016	YT900299850
TY04653-30210-71	YT220003065	YT220009955	YT220070503	YT505136026	YT900299851
TY04653-30211	YT220003072	YT220009956	YT220070504	YT505136027	YT901196850
TY04653-30211-71	YT220003074	YT220009957	YT220070505	YT505136029	
TY04653-30211-71	YT220003077	YT220010091	YT220070506	YT505136030	
TY04653-30220	YT220003078	YT220010863	YT220070507	YT505136031	
TY04653-30220-71	YT220003079	YT220010919	YT220070508	YT505136032	
TY04653-30221	YT220003490	YT220011735	YT220070510	YT505136035	
TY04653-30221-71	YT220003612	YT220013276	YT220070989	YT505136036	
TY04653-30230	YT220003722	YT220013359	YT220070990	YT505136037	
TY04653-30230-71	YT220003931	YT220013685	YT220070992	YT505136039	
TY04653-30240	YT220004322	YT220014362	YT220070993	YT505136040	
TY04653-30240-71	YT220008594	YT220014799	YT220070994	YT505136041	
TY04653-30241-71	YT220008634	YT220014800	YT220070995	YT505136042	
TY04653-30310-71	YT220008637	YT220014868	YT220070996	YT505136043	
TY04653-U1010	YT220008702	YT220014925	YT220071009	YT505136046	
TY04653-u1010-71	YT220008971	YT220016360	YT220071842	YT505136047	
TY04653-u1011-71	YT220008972	YT220016805	YT220073780	YT505136048	
TY04653-U2010	YT220008973	YT220017024	YT220074875	YT505136049	
TY04653-u2010-71	YT220008974	YT220053663	YT220074986	YT505136050	
TY04653-U3010	YT220008979	YT220053664	YT220074987	YT505136053	
TY04653-U3010-71	YT220008980	YT220053665	YT220075050	YT505136054	
TY04654-10020-71	YT220008981	YT220053666	YT220077698	YT505136058	
TY04654-10030-71	YT220009031	YT220053667	YT220077699	YT505142000	
TY04654-20020-71	YT220009032	YT220053674	YT220078656	YT505143000	
TY04654-20030-71	YT220009040	YT220053726	YT220079215	YT505163001	
TY04654-30010-71	YT220009042	YT220054391	YT220079466	YT506232000	
TY04654-30020-71	YT220009044	YT220070104	YT220082705	YT506788001	
TY04654-30030-71	YT220009045	YT220070105	YT220100102	YT510398000	
TY04654-30070-71	YT220009048	YT220070115	YT330038969	YT510658003	
TY04654-30080-71	YT220009049	YT220070116	YT502566001	YT512255800	
TY04654-U1010	YT220009050	YT220070168	YT502566002	YT515229000	
TY04654-U1010-71	YT220009053	YT220070171	YT502566003	YT516149011	
TY04654-U2010-71	YT220009054	YT220070185	YT502566004	YT518001003	
TY04654-U3010	YT220009055	YT220070196	YT504236287	YT518592001	
TY04654-u3010-71	YT220009058	YT220070201	YT504857000	YT520045339	
TY04655-20030-71	YT220009059	YT220070202	YT504862002	YT520045340	
TY04655-20031-71	YT220009085	YT220070203	YT505136001	YT520045363	
TY04655-20080-71	YT220009086	YT220070206	YT505136004	YT520045364	
TY04651-31820-71	YT220009087	YT220070265	YT505136005	YT520045365	
TY04751-20250-71	YT220009236	YT220070266	YT505136007	YT520045366	
TY07651-20182-71	YT220009947	YT220070268	YT505136008	YT521328000	
YALE	YT220009948	YT220070269	YT505136009	YT522375004	
YT220002271	YT220009949	YT220070270	YT505136010	YT522375008	
YT220003055	YT220009951	YT220070302	YT505136011	YT522375023	
YT220003060	YT220009952	YT220070499	YT505136012	YT580005940	



TILT CYLINDER SEAL KITS



TILT CYLINDER SEAL KITS

PART #	PART #	PART #	PART #	PART #	PART #
ALLIS CHALMERS	CLARK	CATERPILLAR	DAEWOO	HYSTER	HYSTER
AC4906332	CL1813076	CT912067	DW911726	HY3012414	HY355695
AC4906396	CL1813096	CT9410400110	DWD510235	HY3012504	HY369967
AC4907419	CL1830141	CT9410400120	DWD511447	HY3012812	HY375225
AC4907979	CL1830175	CT9410400170	HYSTER	HY3012813	HY376385
AC4912039	CL1831074	CT9420400098	HY1313956	HY3013522	HY630597
AC4942582	CL3769022	CT94204-00098	HY1322225	HY3014227	INTURPA
AC4948516	CL3777673	CT9430410140	HY1329757	HY3014403	INAC-335
AC4949828	CL926462	CT9430430140	HY133462	HY3014939	INAC-53
AC4991278	CROWN	CT94304-30140	HY1346290	HY3014949	INCL-1081
AC4992855	CR089178	CT9430440140	HY1356746	HY3015187	INCL-1081
AC4993273	CR089704	CT94304-40140	HY144087	HY3015201	INCL-1082
AC4993700	CR094020	CT9440410140	HY144088	HY3015216	INCL-1637
AC4995804	CR101345	CT9440410160	HY148291	HY3015247	INCR-189
BAKER	CR116840	CT94404-10160	HY148414	HY3015248	INDA-109
BK106390	CR121820	CT9440420140	HY148968	HY3015983	INHY-1024
BARRETT	CR132388	CT94404-20140	HY149253	HY3018226	INHY-1042
BR28903-000	CR132393	CT9440430140	HY149254	HY3018488	INHY-1043
BR28944-000	CR89178	CT94404-30140	HY1492644	HY3018906	INHY-1044
CLARK	CR89704	CT94462-20018	HY149266	HY3019138	INHY-1159
CL1679995	CR94020	CT9450420018	HY1494726	HY3021050	INHY-1246
CL1795525	CATERPILLAR	CT94504-30018	HY170881	HY3047045	INHY-1249
CL1795526	CT1016061	CT971164	HY2026944	HY3048881	INTO-85
CL1810378	CT1033946	CT971165	HY2050590	HY3049839	JUNGHEINRICH
CL1811158	CT1033947	CT971205	HY226074	HY3054918	JU50009099
CL1811159	CT1034528	CT971391	HY2302714	HY3056319	JU50020951
CL1811179	CT1040900	CT971392	HY250050	HY3060260	KALMAR
CL1811180	CT1042398	CT971404	HY250051	HY3063619	KM139294
CL1811184	CT1147633	CT971543	HY250603	HY3063620	KM9207440005
CL1811204	CT1K6981	CT971544	HY250936	HY3063621	KOMATSU
CL1811217	CT2I5793	CT971545	HY250937	HY3067634	KO34A-64-05010
CL1811231	CT2I6348	CT971627	HY253527	HY3069700	KO3EA-64-05020
CL1811309	CT2I7128	CT971628	HY253528	HY3100338	KO3ea-64-05040
CL1811582	CT2I7131	CT971773	HY281474	HY323643	KO3EA-64-05190
CL1811697	CT2I8302	CT972452	HY3007593	HY328074	KO3EB-64-05050
CL1811713	CT396842	CT973439	HY3008517	HY328121	KO3EB-64-05050A
CL1811730	CT396845	CT973636	HY3008578	HY328180	KO3EB-64-05050L
CL1811758	CT396846	CT973777	HY3008827	HY328226	KO3EB-64-05060
CL1811759	CT691929	CT973906	HY3009264	HY328236	KO3EB-64-05090
CL1811972	CT694528	CTD510235	HY3012404	HY328364	KO3EB-64-05091
CL1813029	CT911726		HY3012405	HY347486	KO3EB-64-05190

Continued on Next Page



HYDRAULIC

TILT CYLINDER SEAL KITS

TILT CYLINDER SEAL KITS - CONTINUED

PART #	PART #	PART #	PART #	PART #	PART #
KOMATSU	MITSUBISHI	PRIME MOVER	TOYOTA	TOYOTA	YALE
KO3EB-64-05190A	MB94204-00098	PM22009-00	TY04651-10130-71	TY04655-30040	YT220070189
KO3EB-64-A5191	MB94204-10120	RAYMOND	TY04651-10131	TY04655-30040-71	YT220070214
KO3EC-64-05011	MB94204-10120	RA822-000-849-300	TY04651-10131-71	TY04655-30041	YT220070497
KO3EC-64-05190	MB94304-00110	SAMSUNG	TY04651-10132	TY04655-30041-71	YT220070509
KO3EC-64-A1790	MB94304-00120	SG1811179L	TY04651-10132-71	TY04655-30042-71	YT220070734
KO3KA-64-11240	MB94304-00140	SG1811180L	TY04651-10330	TY04655-30060-71	YT220070997
KO4539021	MB94304-10140	SG1811217	TY04651-10330-71	TY04655-30300	YT220070998
KOSH6955003	MB9430430140	SG1811697	TY04651-10331-71	TY04655-30300-71	YT220070999
KOSH788350175	MB94304-30140	SG1811697L	TY04651-10332	TY04655-U2010	YT220072656
KOSH788-350-175	MB9430440140	TOTALSOURCE	TY04651-10332-71	TY04655-U2010-71	YT220074606
LINDE	MB94304-40140	SY23032	TY04651-10333-71	TY04655-U3010	YT220075054
LI0009608037	MB94404-10140	SY23119	TY04651-10334-71	TY04655-U3010-71	YT220077700
LI0009608053	MB94404-10160	SY23121	TY04651-10882-71	TY04751-20250-71	YT220079943
LI0009608077	MB9440420140	SY23339	TY04651-10892-71	TY5FD15-TIK	YT220087523
LI106390	MB9440430140	SY23591	TY04651-20150	YALE	YT330039080
LI106393	MB94404-30140	SY811000	TY04651-20150-71	YT220002329	YT501311001
LI3001Y10	MB94462-20018	SY811001	TY04651-20151	YT220003216	YT503130000
LPM	MB94504-20018	SY811003	TY04651-20151-71	YT220003217	YT504236245
LP877-1042	MB94504-30018	SY811005	TY04651-20251-71	YT220003251	YT504236255
LP891-1000	NISSAN	SY811206	TY04651-20441	YT220003298	YT504853000
LP891-1001	NI58699-05H00	SY811221	TY04651-20441-71	YT220003299	YT505136045
LP891-1005	NI58699-10H00	SY811222	TY04651-20442-71	YT220003491	YT506149006
LP891-1007	NI58699-10H00	SY811224	TY04651-21090-71	YT220003723	YT507016000
LP891-1104	NI58699-14H00	SY811225	TY04651-21360-71	YT220004310	YT510655000
LP891-1104	NI58699-20H00	SY811241	TY04651-21370-71	YT220004445	YT516149003
LP891-1106	NI58699-21H00	SY891104	TY04651-30040-71	YT220008983	YT516149006
LP891-1206	NI58699-51K00	TCM	TY04651-30170	YT220008988	YT518615001
LP891-1216	NI58699-51K00	TC214A8-49801	TY04651-30170-71	YT220009033	YT520045446
LP894-1100	NI58699-L1100	TC214A8-49805	TY04651-30210	YT220009047	YT580003335
LP894-1109	NI58699-L1111	TC214A8-59801	TY04651-30210-71	YT220009959	YT580005921
LP894-1133	NI58699-L1125	TC214A8-59802	TY04651-30211	YT220010099	YT580022411
LP894-1134	NI58699-L1126	TC214A8-59803	TY04651-30211-71	YT220013278	YT580023428
LP894-5051	NI58699-L1400	TC214A8-59804	TY04651-30990	YT220013300	YT900275850
LP895-1048	NI58699-L1411	TC22578-59811	TY04651-30990-71	YT220013305	YT900572850
MITSUBISHI	NI58699-L1425	TC22578-59812	TY04651-30991	YT220013317	YT900879850
MB1016061	NI58699-L1426	TC22678-59801	TY04651-30991-71	YT220013337	YT900885850
MB1033947	NI58699-L3100	TC234A8-59801	TY04653-10210-71	YT220013679	YT901225891
MB1034528	NI58699-L3111	TC234A8-59805	TY04653-10300-71	YT220014798	
MB1040900	NI58699-L6000	TC23678-59801	TY04653-10310-71	YT220014802	
MB94004-00120	NI58699-L6001	TC23678-59802	TY04653-20120-71	YT220015700	
MB94004-00130	NI58699-L6011	TC24248-59802	TY04654-20030-71	YT220053659	
MB94104-00110	NI58699-L6811	TC24458-59811	TY04655-20030	YT220053675	
MB94104-00120	NI58699-L9000	TC24458-59812	TY04655-20030-71	YT220053676	
MB9410400170	NINF94404-30140	TC25788-59802	TY04655-20031-71	YT220054392	
MB94104-00170	PERKINS	TC25788-59805	TY04655-20080	YT220070083	
MB94104-00170	PK-10003	TOYOTA	TY04655-20080-71	YT220070186	
MB9420400098		TY04651-10130	TY04655-20090-71	YT220070187	



PERSONNEL LIFT SEAL KITS

PART #	PART #	PART #	PART #	PART #
ELLIOT HI-REACH	JLG INDUSTRIES	JLG INDUSTRIES	MARKLIFT	SNORKEL
EHL-KIT	JL2900125	JL2900485	MK66971	SN467066
EHLKO-KIT	JL2900126	JL2900499	MK67040	SN47514-4
EHOR-KIT	JL2900127	JL2900511	MK67051	SN48798-6
EHRJ-KIT	JL2900142	JL2900578	MK67150	SN48801-6
GENIE	JL2900156	JL2900579	MK67214	SN55269-4
GN20483	JL2900157	JL2900683	MK67842	SN56359-6
HI-RANGER	JL2900158	JL2900700	MK67843	SN58400-6
HR15566	JL2900166	JL2900701	MK67845	SN60549-6
HR15567	JL2900168	JL2901007	MK68518	SN60556-6
HR15569	JL2900173	JL2901009	MK68948	SN62167-6
HR15574	JL2900175	JL2901034	REACH-ALL	SN62197-6
HR15576	JL2900184	JL2901103	RC20207	SNA007-1478-A
HR65008123	JL2900188	JL2901105	RC20527	SNA007-1479-B
HR65008124	JL2900197	JL2901115	RC217899	SNA007-3286
HR65008125	JL2900203	JL2901119	RC6012742	SNA007-3857
HR65008129	JL2900209	JL2901127	RC249000	SNC007-1486
HR65008148	JL2900208	JL2901133	RC249010	
JLG INDUSTRIES	JL2900242	JL2901138	RC249020	
JL2900003	JL2900292	JL2901146	RC249030	
JL2900005	JL2900293	MARKLIFT	RC249050	
JL2900006	JL2900295	MK16963	RC249060	
JL2900007	JL2900338	MK20042	RC249070	
JL2900008	JL2900344	MK20128	RC249080	
JL2900009	JL2900347	MK244-A	RC249090	
JL2900010	JL2900348	MK3009A	RC249409	
JL2900094	JL2900350	MK3011-A	RC276051	
JL2900095	JL2900351	MK3012-1	RC6012732	
JL2900099	JL2900352	MK3062-1	RCK-6027-A	
JL2900100	JL2900357	MK3065-A	SI MAN AERIAL LIFT	
JL2900101	JL2900364	MK66017	SA04001301	
JL2900102	JL2900367	MK66041	SA04002201	
JL2900103	JL2900368	MK66043	SA04002401	
JL2900104	JL2900381	MK66044	SA04027401	
JL2900107	JL2900398	MK66045	SA268-90029	
JL2900108	JL2900400	MK66165	SA268-90043	
JL2900109	JL2900408	MK66226	SA04000101	
JL2900109M	JL2900409	MK66227	SNORKEL	
JL2900110	JL2900412	MK66363	SN007-2833	
JL2900111	JL2900426	MK66502	SN015-0557	
JL2900111M	JL2900427	MK66548	SN2012	
JL2900112	JL2900429	MK66563	SN2030-2	
JL2900113	JL2900431	MK66651	SN2123	
JL2900114	JL2900432	MK66657	SN300752	
JL2900119	JL2900432M	MK66721	SN44000-4	
JL2900120	JL2900454	MK66806	SN45540-6	
JL2900123	JL2900469	MK66818	SN45540-6N	
JL2900124	JL2900473	MK66895	SN46102-6N	

