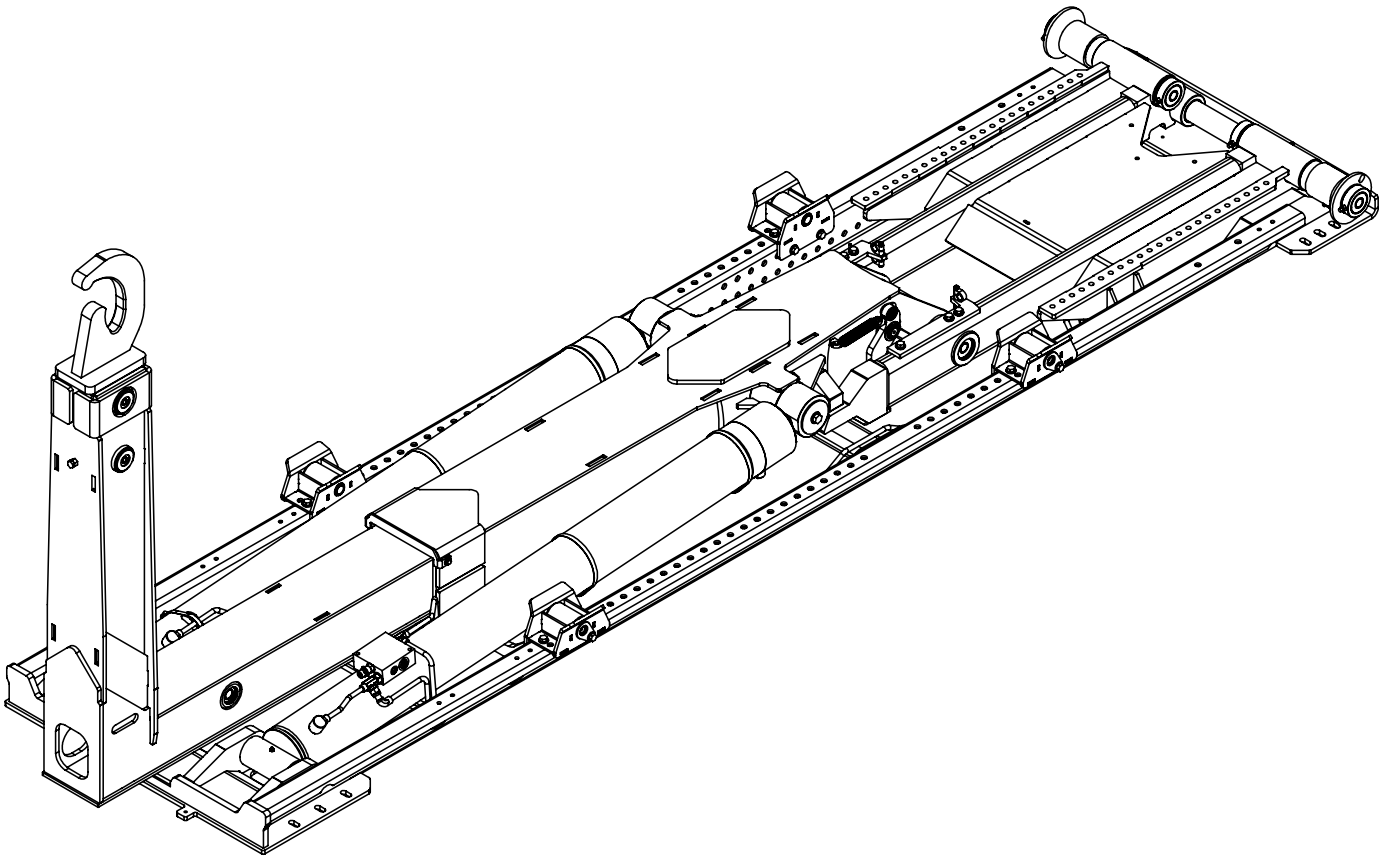
NXT30 Hooklift
Parts Manual

Installation • Assembly Drawings • Parts



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www.stellarindustries.com

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REV 1.1
PN:142909

P65 Warning / Warranty Info / Cold Weather Notice

⚠ WARNING

Operating, maintaining, and servicing a Stellar product may expose you to chemicals including, but not limited to, engine exhaust, carbon monoxide, phthalates, and lead. These chemicals are known to the State of California to cause cancer and birth defects (or other reproductive harm). To keep your exposure to a minimum, be sure to avoid breathing exhaust and service your Stellar product in a well-ventilated area while wearing gloves or washing your hands frequently. For more information, go to www.P65Warnings.ca.gov/passenger-vehicle.

www.p65warnings.ca.gov

NOTICE

Cold Weather Performance

Although clear data on cold weather performance from every steel manufacturer is not available for all types and thicknesses of steel, Stellar Industries is confident that the weldments on our products will operate to 100% of their intended purpose to temperatures down to -40° F / C.

It is recommended if Stellar manufactured equipment needs to be used in temperatures below -40° F / C, the operator should pull the unit into a climate-controlled area and allow the weldments to warm up to and then maintain a temperature above this level.

For Technical Questions, Information, Parts, or Warranty, Call Toll-Free at

800-321-3741

Hours: Monday - Friday, 8:00 a.m. - 5:00 p.m. CST

Or email at the following addresses:

Technical Questions, and Information	service@stellarindustries.com
Order Parts	parts@stellarindustries.com
Warranty Information	warranty@stellarindustries.com

www.stellarindustries.com

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Introduction

A copy of this manual is provided with every hooklift and can be found in the hard plastic manual case that is installed on the chassis. A copy of this manual shall remain with the hooklift at all times.

Throughout the manual, three signal words will be used to bring attention to important items:

NOTICE ***NOTICE*** *indicates a practice not related to physical injury.*

⚠WARNING **WARNING** indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠ DANGER **DANGER** indicates a hazardous situation which, if not avoided, will result in death or serious injury.

Information contained within this manual does not cover operation, maintenance, or troubleshooting. Please refer to the General Hooklift Operator's Manual, part number 127718 for details on these items.

This manual is not binding. Stellar Industries, Inc. reserves the right to change, at any time, any or all of the items, components, and parts deemed necessary for product improvement or commercial/production purposes. This right is kept with no requirement or obligation for immediate mandatory updating of this manual.

If more information is required or technical assistance is needed, or if you feel that any part of this manual is unclear or incorrect, please contact the Stellar Customer Service Department by phone at 800-321-3741 or email at service@stellarindustries.com.

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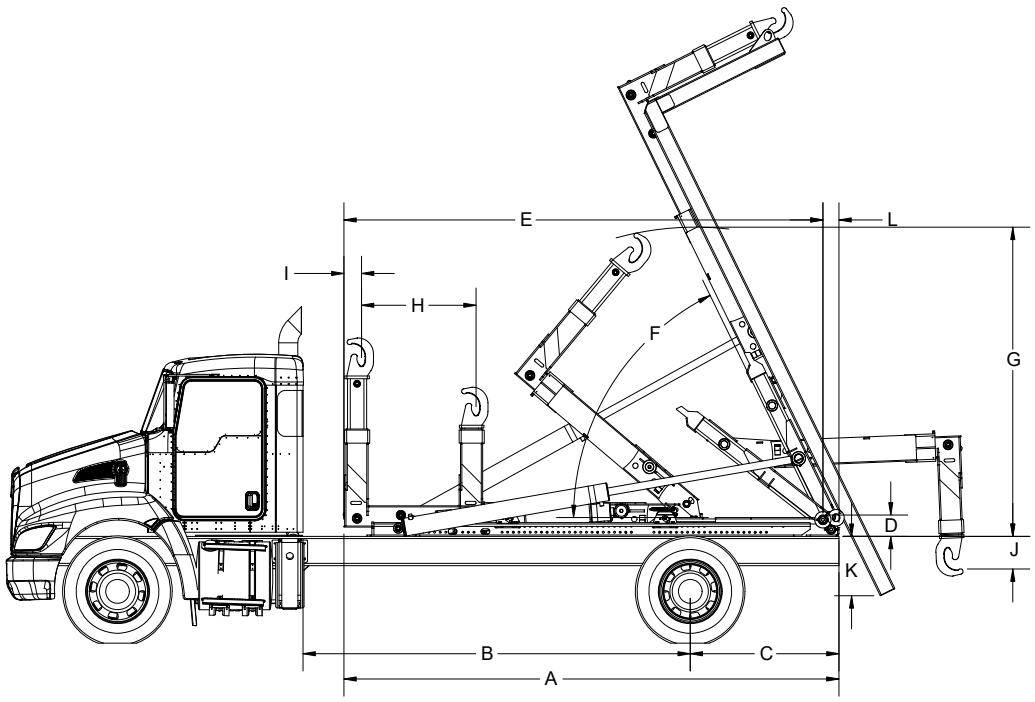
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Chapter 1 - Specifications

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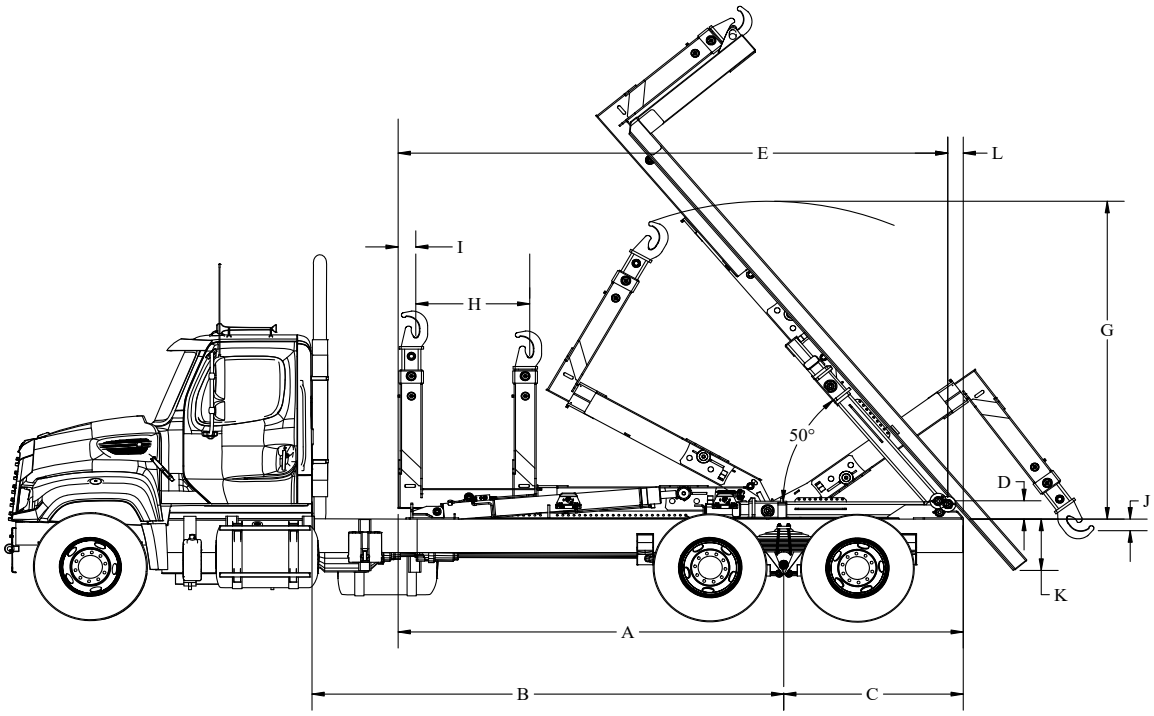
NXT30S & NXT30M Specifications



		NXT30S 36”/ 54”HH	NXT30M 54” / 62” HH
A	OVERALL LENGTH	150.31” *(3,818 mm)*	181.53” *(4,611 mm)*
B	CAB-TO-AXLE RANGE	108” TO 120” *(2,743 to 3,048 mm)* 120” TO 134*” (3,048 to 3,404 mm)* *TARP*	130” TO 144” *(3,302 to 3,658 mm)* 142” TO 156” *(3,607 to 3,962 mm)* *TARP*
C	AFTER FRAME RANGE	45.50” *(1,156 mm)*	54.50” *(1,384 mm)*
D	LOADER HEIGHT	8.00” *(203 mm)*	8.00” *(203 mm)*
E	FRONT OF JIB TO CENTERLINE OF ROLLER	144.44” *(3,669 mm)*	175.63” (4,461 mm)
F	DUMP ANGLE	63°	
G	MAX TILT HEIGHT	36” HH: 92.05” (2,338 mm) 54” HH: 103.29” *(2,624 mm)*	36” HH: 102.08” *(2,593 mm)* 54” HH: 112.25” *(2,851 mm)* 62” HH: 117.20” (2,977 mm)
H	JIB TRAVEL	30” *(762 mm)*	42” *(1,067 mm)*
I	FRONT OF JIB TO CENTERLINE OF HOOK	6.44” *(164 mm)*	6.44” *(164 mm)*
J	HOOK BELOW FRAME	36” HH: 11.97” *(304 mm)* BELOW FRAME 54” HH: 29.79” *(757 mm)* BELOW FRAME	36” HH: 11.83” *(300 mm)* BELOW FRAME 54” HH: 29.63” *(753 mm)* BELOW FRAME **62”** HH: 37.43” *(951 mm)* BELOW FRAME
K	LOWEST POINT OF DUMP*	28.00” *(711 mm)*	21.83” *(555 mm)*
L	CENTERLINE TO BACK OF ROLLER	5.88” *(149 mm)*	5.88” (149 *mm*)
M	MINIMUM CHASSIS RBM	1,300,000	

***ASSUMES 3’ OVERHANG FROM CENTER OF REAR ROLLER PIN. (BUMPER TYPICALLY 12” FROM CENTER OF ROLLER PIN) Rev. Initial Release-140099-202510**

NXT30L Specifications



		NXT30L 54” OR 62” HH
A	OVERALL LENGTH	208.32” *(5,291 mm)*
B	CAB-TO-AXLE RANGE	154” TO 168” *(3,911 to 4,267 mm)* 166” TO 180” *(4,216 to 4,571 mm)* TARP
C	AFTER FRAME RANGE	58” *(1,473 mm)*
D	LOADER HEIGHT	9.00” *(229 mm)*
E	FRONT OF JIB TO CENTERLINE OF ROLLER	227” *(5,766 mm)*
F	DUMP ANGLE	52°
G	MAX TILT HEIGHT	54” HH: 118.88” *(3,019 mm)* 62” HH: 123.50” *(3,137 mm)*
H	JIB TRAVEL	42” *(1,067 mm)*
I	FRONT OF JIB TO CENTERLINE OF HOOK	5.19” *(132 mm)*
J	HOOK BELOW FRAME	54” HH: 3.63” *(92 mm)* ABOVE FRAME 62” HH: 4.50” *(114 mm)* BELOW FRAME
K	LOWEST POINT OF DUMP*	20.00” *(508 mm)*
L	CENTERLINE TO BACK OF ROLLER	9.25” *(235 mm)*

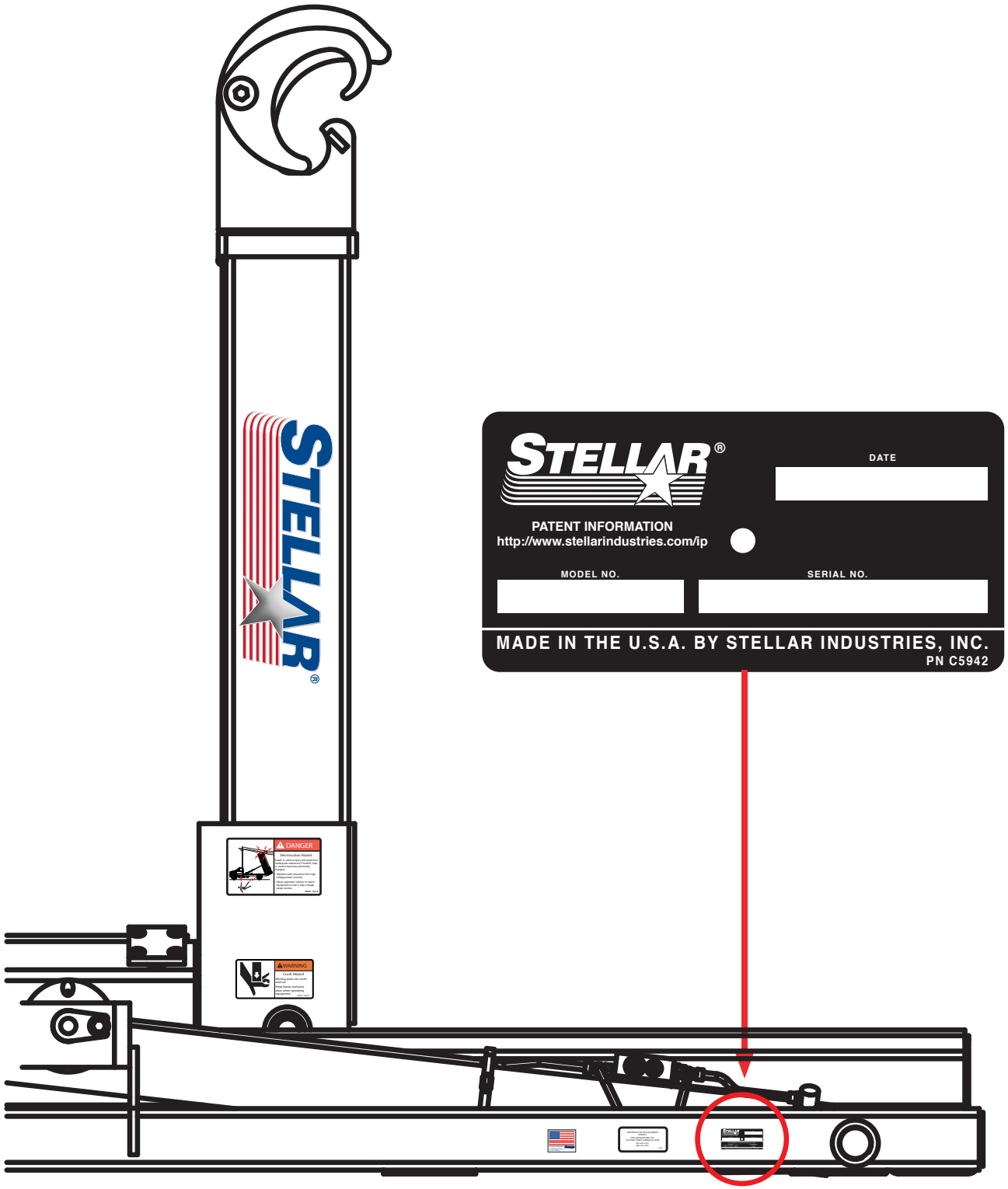
***ASSUMES 3’ OVERHANG FROM CENTER OF REAR ROLLER PIN. (BUMPER TYPICALLY 12” FROM CENTER OF ROLLER PIN)**
Rev. Initial Release-143884-202510

NXT30 Specifications-continued

	NXT30S	NXT30M	NXT30L
HOOK HEIGHT:	36” *(914 mm)* OR 54” *(1,372 mm)*	36” *(914 mm)* / 54” *(1,372 mm)* OR 54” *(1,372 mm)* 62” *(1,568 mm)*	54” *(1,372 mm)* OR 62” *(1,568 mm)*
LIFT CAPACITY:	36” HH: NXT30M - 30,000 LB *(13,608 kg)* 54” HH: NXT30M - 30,000 LB *(13,608 kg)* 62” HH: NXT30M - 30,000 LB *(13,608 kg)*	36” HH: NXT30M - 30,000 LB *(13,608 kg)* 54” HH: NXT30M - 30,000 LB *(13,608 kg)* 62” HH: NXT30M - 30,000 LB *(13,608 kg)*	36” HH: NXT30M - 30,000 LB *(13,608 kg)* 54” HH: NXT30M - 30,000 LB *(13,608 kg)* 62” HH: NXT30M - 30,000 LB *(13,608 kg)*
DUMP CAPACITY:	NXT30S - 30,000 LB *(13,608 kg)*	NXT30M - 30,000 LB *(13,608 kg)*	NXT30L - 30,000 LB *(13,608 kg)*
CYCLE TIMES:	TILT/DUMP EXTEND NXT30S: 21 SECONDS	TILT/DUMP EXTEND NXT30M: 29 SECONDS	TILT / DUMP EXTEND NXT30L - 26 SECONDS
	TILT/DUMP RETRACT NXT30S: 23 SECONDS	TILT/DUMP RETRACT NXT30M: 32 SECONDS	TILT / DUMP RETRACT NXT30L - 29 SECONDS
	JIB EXTEND - 4 SECONDS	JIB EXTEND - 4 SECONDS	JIB EXTEND - 5 SECONDS
	JIB RETRACT - 5 SECONDS	JIB RETRACT - 5 SECONDS	JIB RETRACT - 6 SECONDS
	(TIMES BASED ON 24 GPM OF OIL FLOW)		
SHIPPING WEIGHT	—	—	—
	—	—	—
	36” / 54” MANUAL JIB NXT30S: 3,045 LB *(1,381 kg)*	36” / 54” MANUAL JIB NXT30M: 3,494 LB *(1,584 kg)*	36” / 54” MANUAL JIB NXT30L: 5,590 LB *(2,535 kg)*
	36” / 54” HYDRAULIC JIB NXT30S: 3,161 LB *(1,434 kg)*	36” / 54” HYDRAULIC JIB NXT30M: 3,665 LB *(1663 kg)*	36” / 54” HYDRAULIC JIB NXTL 5,695 LB *(2,583 kg)*
	—	54”/ 62” MANUAL JIB NXT30M: 3,572 LB *(1,620 kg)*	—
	—	54”/ 62” HYDRAULIC JIB NXT30M: 3,762 LB *(1,707 kg)*	—
	(WITHOUT RESERVOIR AND BODY LOCKS)		
BODY LENGTHS:	10’ - 14’ *(3,048 - 4,267mm)*	12’ - 16’ *(3,658 - 4,877 mm)*	14’ - 18’ *(4,268 - 5,487 mm)*
MIN. TRUCK GVWR:	NXT30S: 31,000 LB *(14,061kg)*	NXT30M: 31,000 LB *(14,061 kg)*	NXT30L - 31,000 LB *(14,061 kg)*
MIN RBM	1,300,000		
MAXIMUM HYDRAULIC FLOW:	24 GPM *(90.8 LPM)*		
OPERATING PRESSURE:	4,500 PSI *(310 BAR)*		
COMPONENTS:	• MAIN COMPONENTS ARE MANUFACTURED WITH HIGH-STRENGTH STEEL. • GREASABLE BUSHINGS AT ALL PIVOT POINTS. ALL PINS ARE ZINC-PLATED CARBON STEEL AS STANDARD WITH OPTION TO UPGRADE TO TYPE 17-4 STAINLESS PINS.		
REV. INITIAL RELEASE - 140099 / 143884-2026			

Serial Tag Location

The serial tag should be located on the right side (passenger side) of the base assembly:



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Chapter 2 - Assembly Drawings NXT30S

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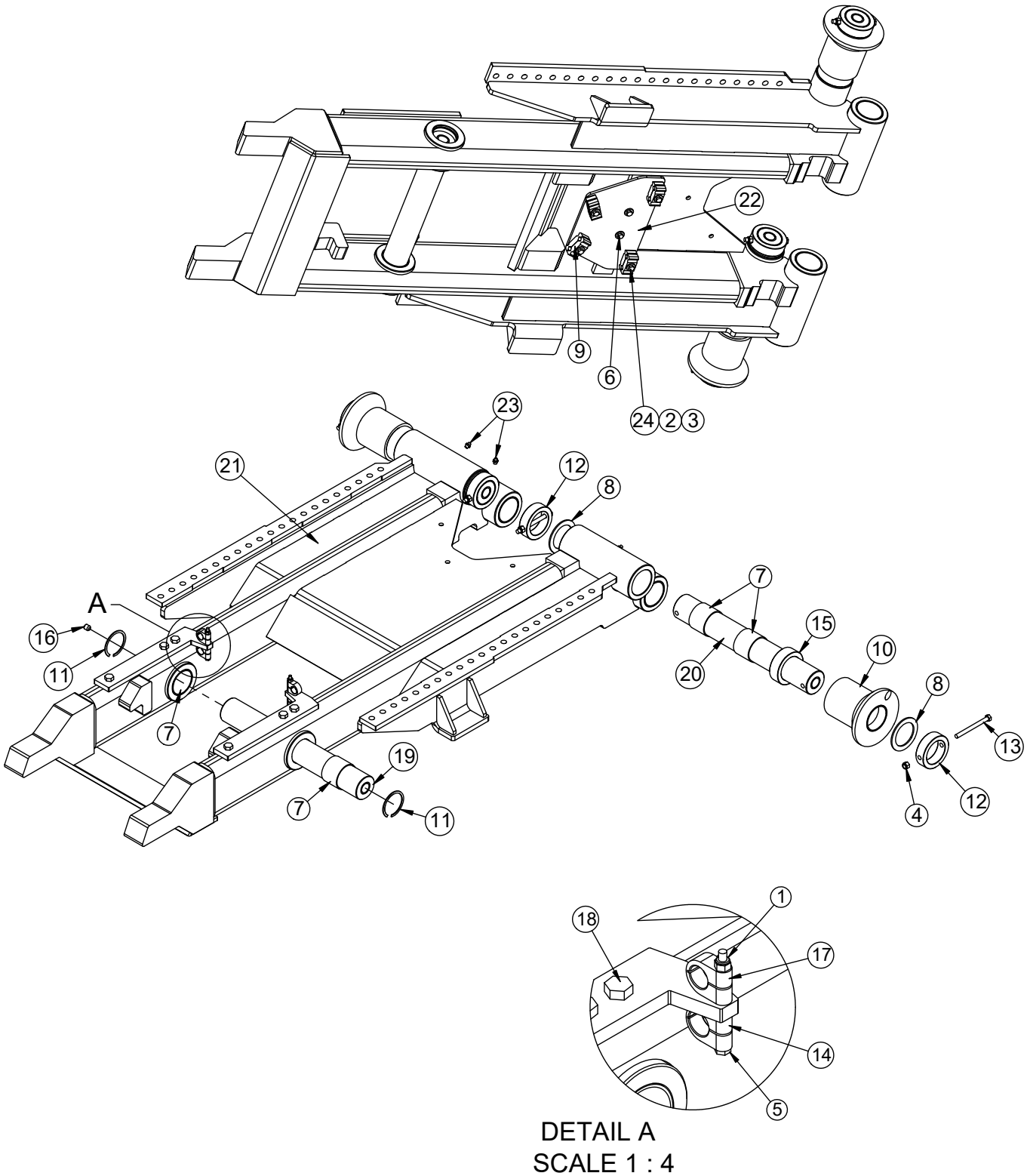
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NXT30S Base Assembly - PN 141801

NXT30S Base Assembly - PN 141801 Parts List

PN 141801			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	141802	BASE NXT24/30S	1
2	4380	BUSHING BPC32DXR24 2.00X1.50	4
3	0635	BUSHING BPC40DXR32 2.50X2.00	2
4	0108	SNAP RING 2.00 7200-200	4
5	58052	SET SCREW 0.50-13X0.50 W/ RED PATCH	2
6	0377	MACHY WASHER 2.00ID 14GA	4
7	32086	CAP SCR 0.38-16X4.25 HHGR5	2
8	0347	NUT 0.38-16 HHGR5 NYLOC	2
9	1547	THRUST WASHER 2.51DIA UHMW .12THK	2
10	139029CR	PIN 2.00X11.50 SR ZC	2
11	139986CR	PIN 2.50X35.94 ZC	1
12	23930	COLLAR 2.51X3.50X1.00 PC BLACK	2
13	139028	COLLAR 2.01X3.00X0.38 UHMW	2
14	0333	NUT 0.25-20 HHGR5 NYLOC	3
15	0340	WASHER 0.25 USS FLAT	4
16	96566	CLAMP 0.50 PORT TUBE TWIN - STAUFF LNGF	3
17	142641	TUBE ASSEMBLY 0.50X97.25 NXT24/30S EXT. CYL ZC	2
18	0481	CAP SCR 0.25-20X2.00 HHGR5	1
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NXT30S Dump Assembly - PN 141803

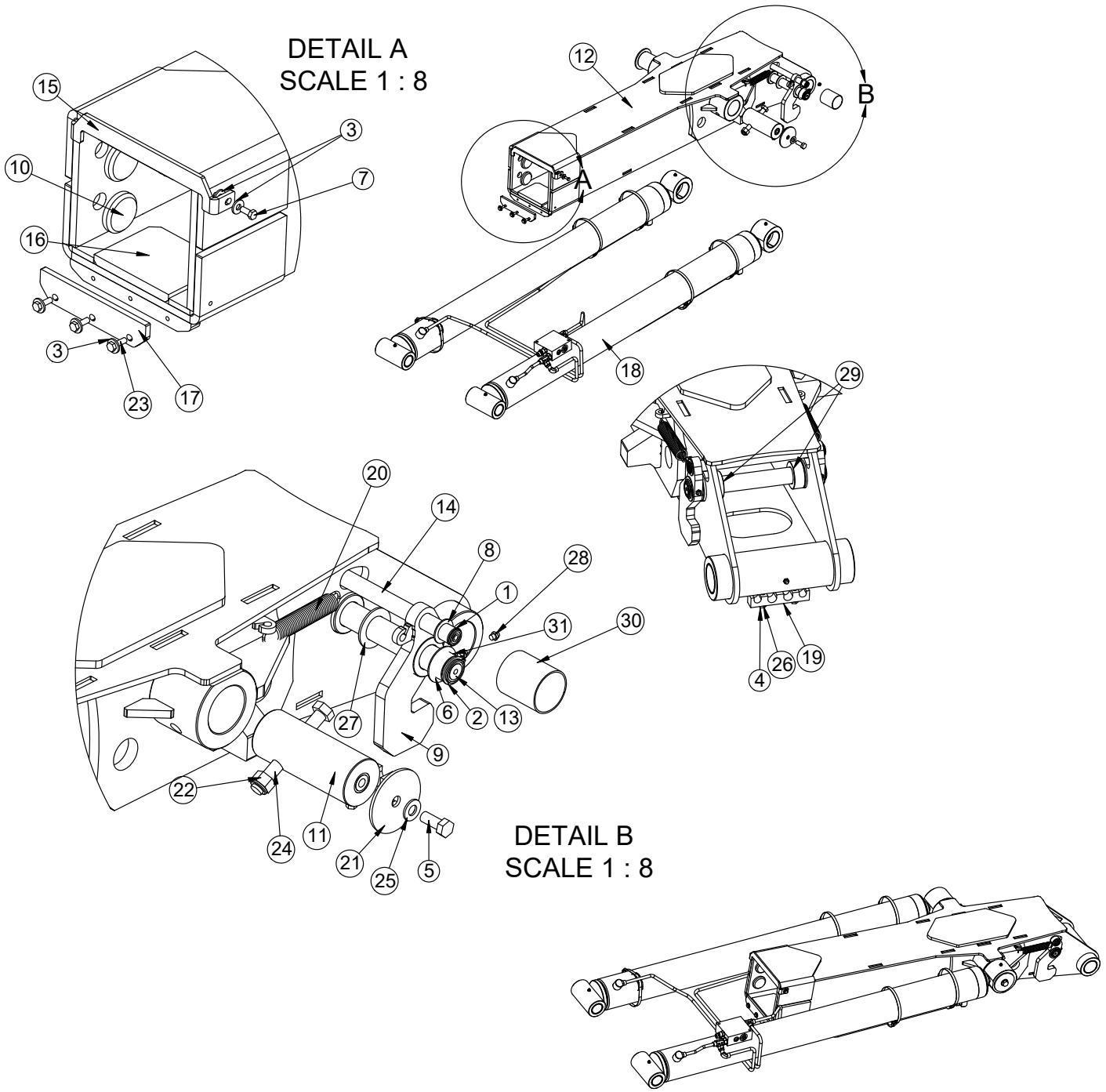


DETAIL A
SCALE 1 : 4

NXT30S Dump Assembly - PN 141803 Parts List

PN 141803			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	0333	NUT 0.25-20 HHGR5 NYLOC	2
2	0342	NUT 0.31-18 HHGR5 NYLOC	6
3	0343	WASHER 0.31 USS FLAT	12
4	0347	NUT 0.38-16 HHGR5 NYLOC	4
5	0483	CAP SCR 0.25-20X3.50 HHGR5	2
6	0486	CAP SCR 0.31-18X1.50 HHGR5	2
7	0635	BUSHING BPC40DXR32 2.50X2.00	10
8	1547	THRUST WASHER 2.51DIA UHMW .12THK	4
9	8622	CLAMP HOSE/TUBE AG-2	8
10	21496	ROLLER 2.50X4.00X3.81X6.00 PC YELLOW	2
11	22216	SNAP RING INSIDE 2.50	2
12	23930	COLLAR 2.51X3.50X1.00 PC BLACK	4
13	32086	CAP SCR 0.38-16X4.25 HHGR5	4
14	52116	HOSE CLAMP LN 4213 PP	2
15	54649	COLLAR 2.51X3.50X1.13 UHMW	2
16	58052	SET SCREW 0.50-13X0.50 W/ RED PATCH	1
17	60777	HOSE CLAMP LN 4190 PA	2
18	66945	CAP SCR 0.50-13X0.50 PLASTIC - BLACK	6
19	140344CR	PIN 2.50X18.56 D&T ZP	1
20	140345CR	PIN 2.50X18.19 ZC	2
21	141804	DUMP NXT24/30S	1
22	142657	PLATE, HOSE GUIDE NXT24/30	1
23	C1592	ZERK 1/8 NPT STRAIGHT	4
24	C0927	CAP SCR 0.31-18X2.25 HHGR5	4
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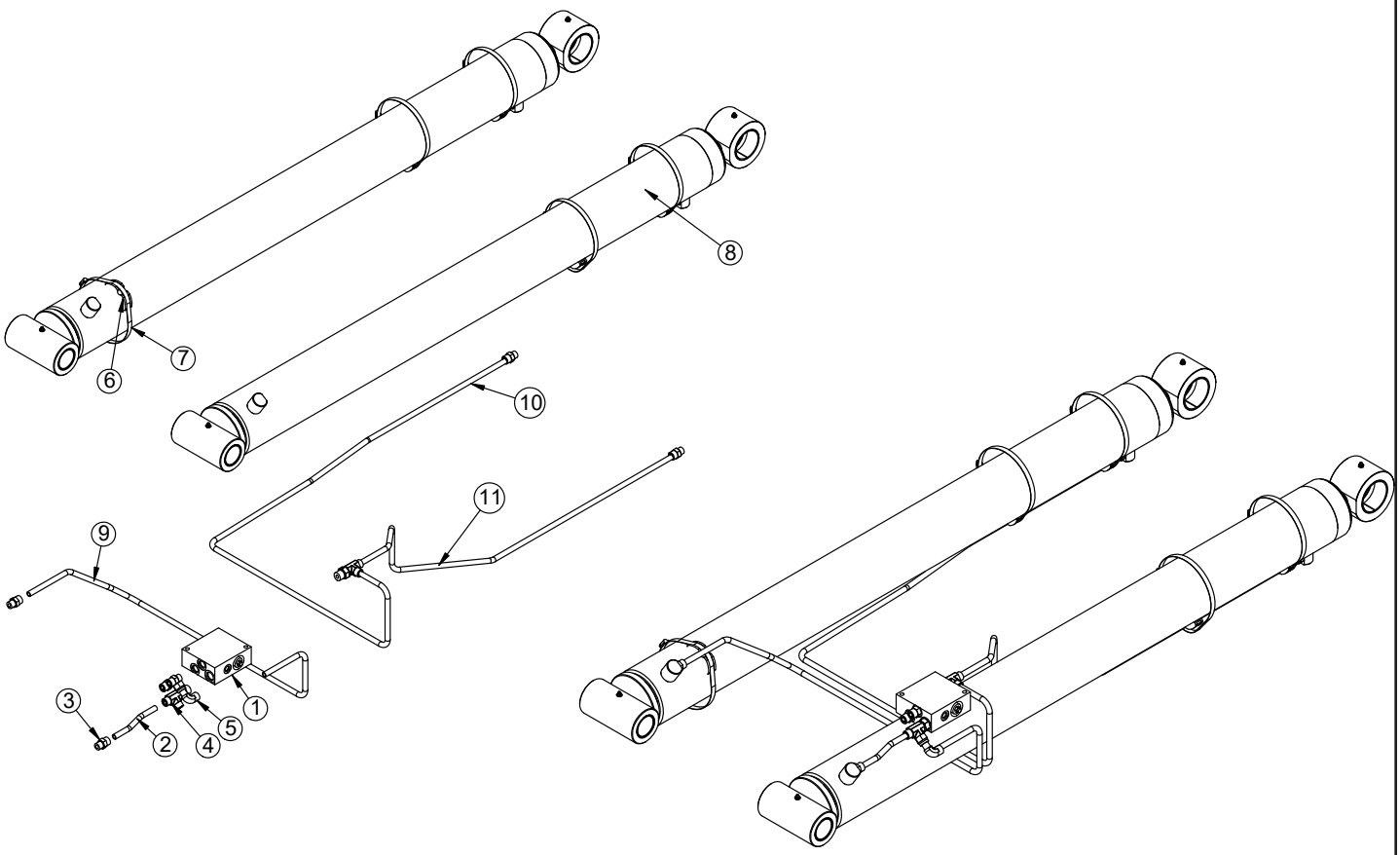
NXT30S Secondary / Dump Latch Assembly - PN 143123



NXT30S Sec / Dump Latch Assembly - PN 143123 Parts

PN 143123			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	0110	SNAP RING 1.00 ID 7200-100	2
2	0246	SNAP RING ID 7200 150	2
3	0343	WASHER 0.31 USS FLAT	7
4	0345	CAP SCR 0.38-16X1.50 HHGR5	2
5	0356	CAP SCR 0.63-11X1.50 HHGR8	2
6	0376	MACHY WASHER 1.50ID 14GA	2
7	0420	CAP SCR 0.31-18X0.75 HHGR5	2
8	0867	MACHY WASHER 1.00ID 14GA	2
9	113874	DUMP LATCH WLDMT SLIDER26 GEN3	2
10	114019	WEAR PAD 0.50X2.50 RND	4
11	139688CR	PIN 3.00X7.44 D&T W/HOLE ZP	2
12	141806	SECONDARY NXT24/30S	1
13	139662CR	PIN 1.50X13.00 SR	1
14	139687CR	PIN 1.00X12.81 SR	1
15	140009	PLATE WEAR PAD COVER NXT24/30	1
16	140010	WEAR PAD 0.63IN NXT24/30 SECONDARY	2
17	140011	PLATE WEAR PAD COVER SEC NXT24/30	1
18	143124	CYLINDER ASM DUAL NXT30S	1
19	140044	CLAMP 4 HOSE NXT24/30	1
20	54817	SPRING 1.00ODX0.125X4.50	2
21	8597	PIN CAP 0.69X4.00X0.19	2
22	C0538	NUT 0.75-10 HHGR8 NYLOC	2
23	C0922	CAP SCR 0.31-18X1.00 HHGR5	3
24	C1029	CAP SCR 0.75-10X6.00 HHGR8	2
25	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	2
26	C6353	WASHER 0.38 SAE FLAT YELLOW GR8	2
27	D0419	THRUST WASHER	2
28	C1592	ZERK 1/8 NPT STRAIGHT	3
29	140049	COLLAR 1.51X2.50X01.00 UHMW	2
30	5739	BUSHING BPC40DXR48 2.50X3.00	2
31	21810	BUSHING GSI-2426-12 1.50X0.75	2
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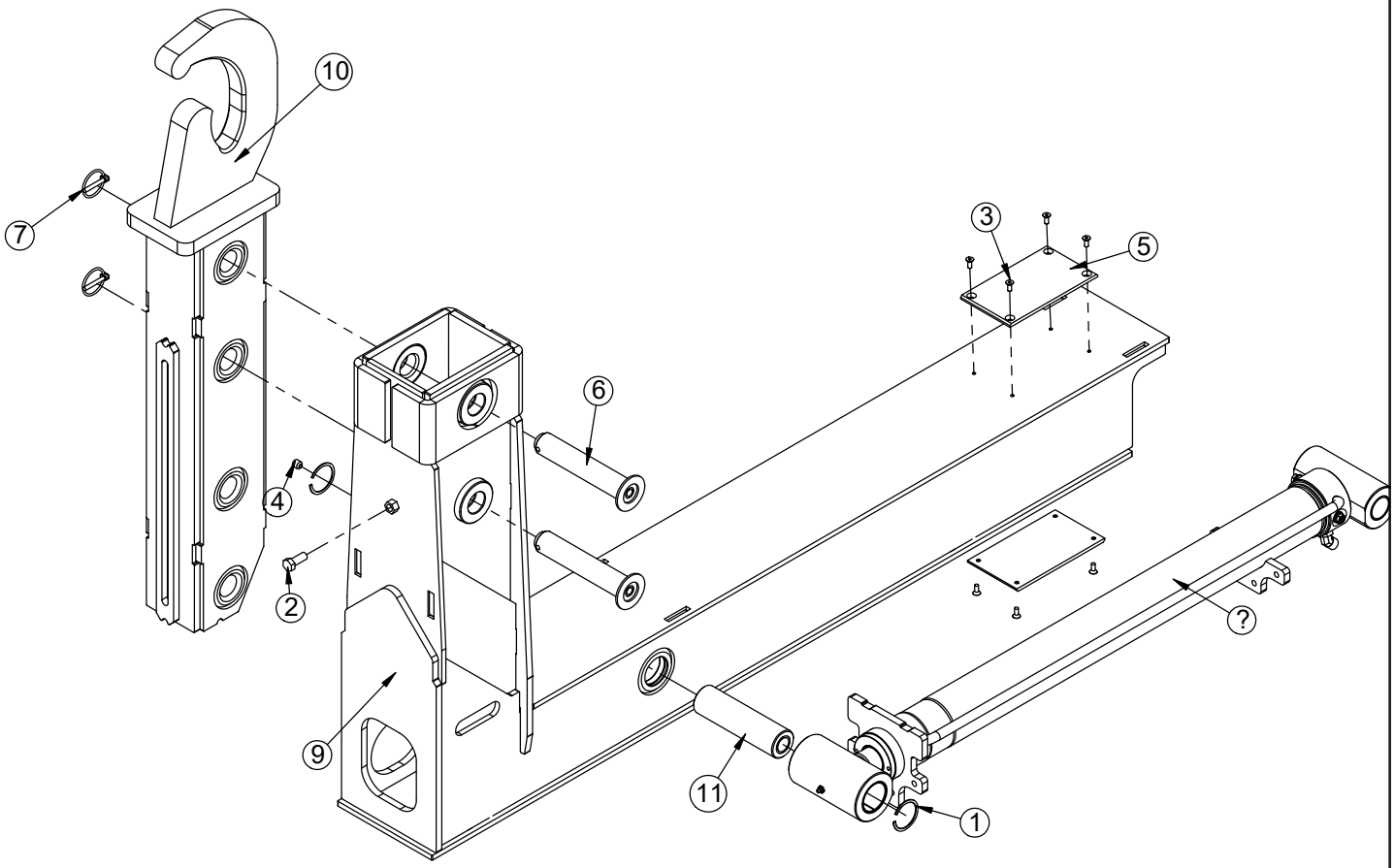
NXT30S Cylinder Assembly Dual - PN 143124



NXT30S Main Cylinder Assembly - PN 143124 Parts List

PN 143124			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	15995	MANIFOLD ASM DUAL T2A 5000PSI	1
2	53847	TUBE ASM 0.50X5.75 SLIDER 26 SS EXTEND YZ	1
3	1554	FTG 8-8 MFS-MORB STRAIGHT	6
4	37179	FTG 8-10-8 MFS-MAORB-MFS TEE	2
5	C2376	FTG 8-8 MFS-FFSS 90	1
6	18701	CLAMP PORT TUBE ZR518	5
7	19369	HOSE CLAMP 4.13-7.00 5416K38	5
8	141797	CYLINDER 5.00X59.38	2
9	140047	TUBE ASM 0.50X19.96 NXT24/30 CS EXTEND YZ	1
10	142638	TUBE ASM 0.50X77.19 NXT24/30S CS RETRACT YZ	1
11	142639	TUBE ASM 0.50X48.00 NXT24/30S SS RETRACT YZ	1
REV. INITIAL RELEASE			

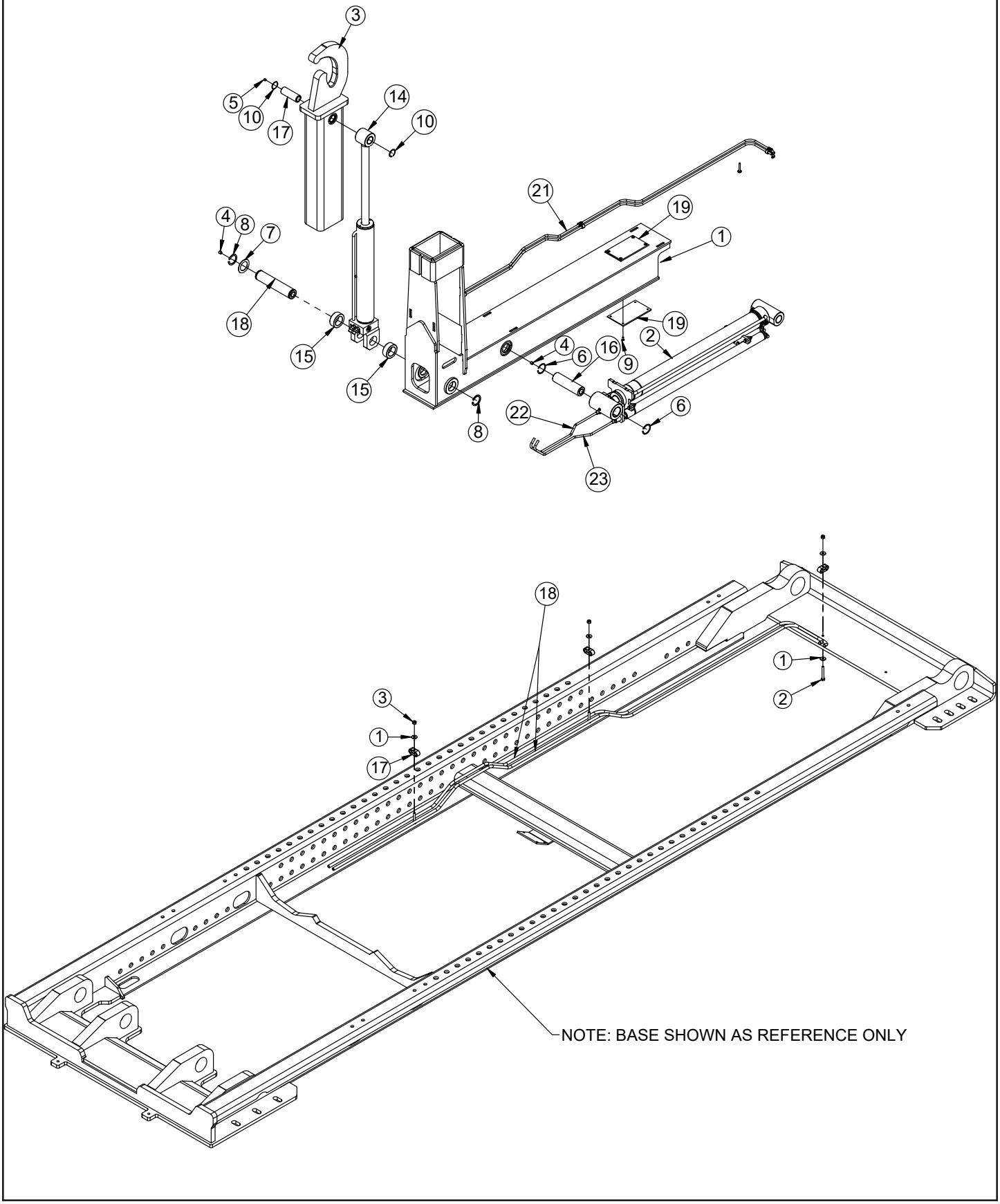
NXT30S Jib Assembly - PN 141807



NXT30S Jib Assembly - PN 141807 Parts List

PN 141807			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	2257	SNAP RING INSIDE 2.00	2
2	10666	CAP SCR 0.50-13X1.25 HHGR8	1
3	25741	CAP SCR 0.25-20X0.63 FHSH SS	8
4	58052	SET SCREW 0.50-13X0.50 W/ RED PATCH	1
5	114041	WEAR PAD SLIDER26 JIB GEN3	2
6	117599CR	PIN WLDMT 1.50X8.13	2
7	117616	PIN 0.25X1.63 LYNCH	2
8	142663	CYLINDER ASM 3.00X30.00 NXT	1
9	141808	JIB NXT24/30S MANUAL	1
10	140052	JIB TOP NXT MANUAL 36/54HH	1
11	140343CR	PIN 2.00X7.22 D&T ZC	1
REV. INITIAL RELEASE-202510			

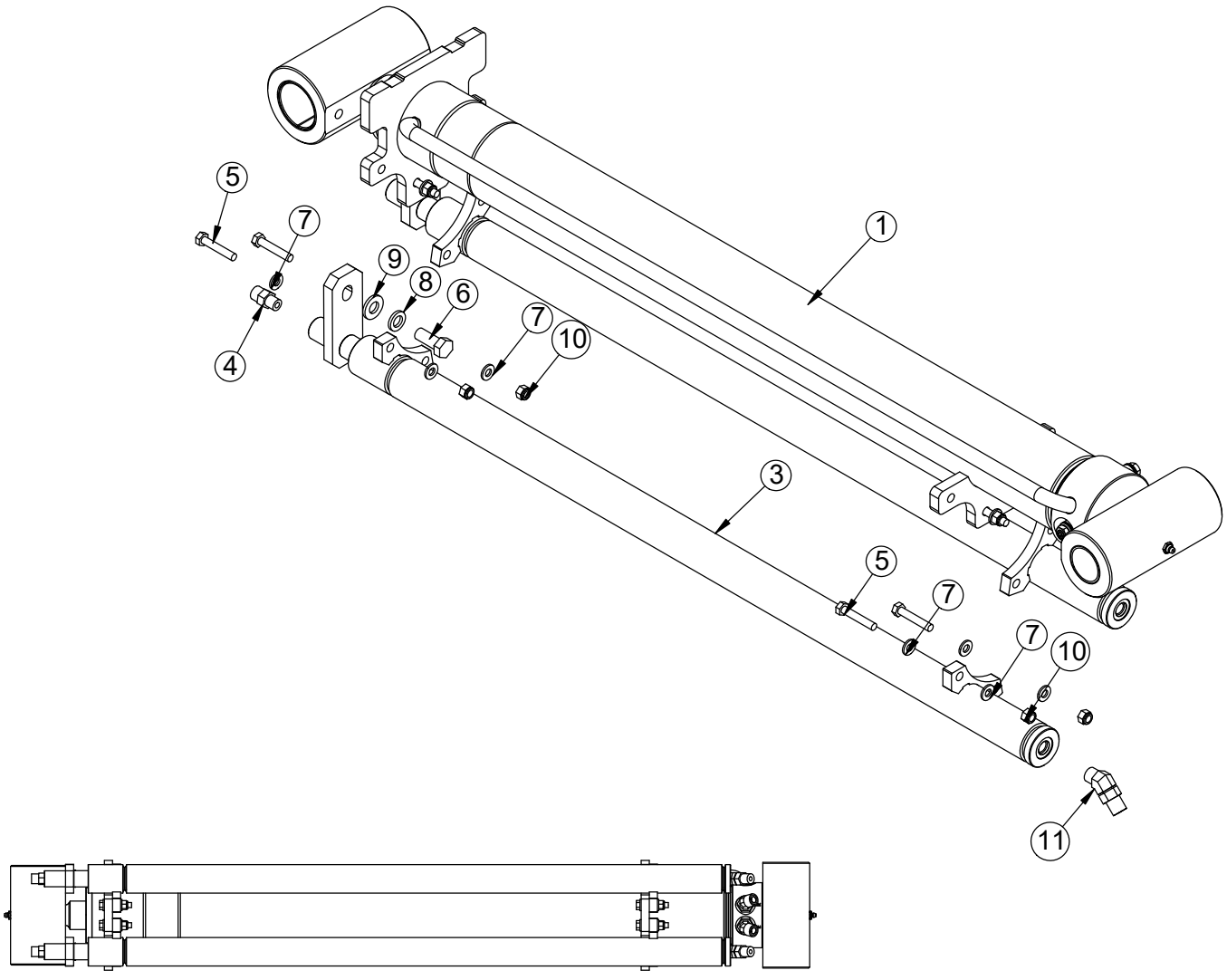
NXT30S Jib Assembly - PN 142633



NXT30S Jib Assembly - PN 142633 Parts List

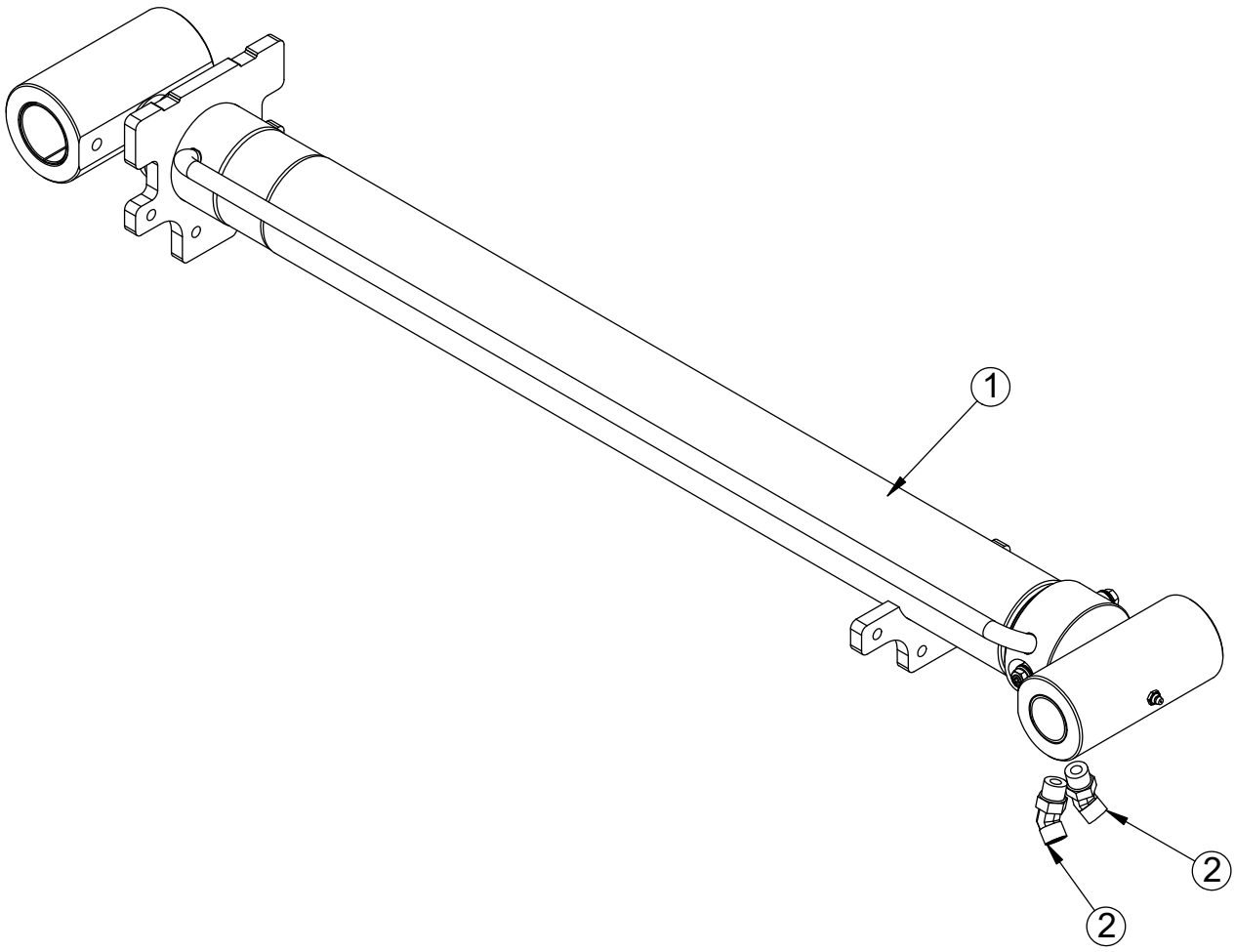
PN 142633			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	142634	JIB WLDMT NXT 24/30S 36/54HH HYD	1
2	142637	CYLINDER ASM NXT24/30S HYD	1
3	139209	JIB TOP NXT24/30 HYD	1
4	58052	SET SCREW 0.50-13X0.50 W/ RED PATCH	2
5	C3397	SET SCREW 0.38-16X0.38 W/ RED PATCH	1
6	2257	SNAP RING INSIDE 2.00	2
7	0377	MACHY WASHER 2.00ID 14GA	2
8	0108	SNAP RING 2.00 7200-200	2
9	25741	CAP SCR 0.25-20X0.63 FHSH SS	8
10	54129	SNAP RING INSIDE 1.50	2
11	0340	WASHER 0.25 USS FLAT	4
12	0481	CAP SCR 0.25-20X2.00 HHGR5	1
13	0333	NUT 0.25-20 HHGR5 NYLOC	3
14	140008	CYLINDER ASM 3.00X17.88 NXT24/30	1
15	89287	COLLAR 2.01X3.00X1.13 UHMW	2
16	140343CR	PIN 2.00X7.22 D&T ZC	1
17	54130CR	PIN 1.50X4.31 D&T	1
18	22220CR	PIN 2.00X9.75 SR ZC	1
19	114041	WEAR PAD SLIDER26 JIB GEN3	2
20	96567	CLAMP 0.38 PORT TUBE TWIN - STAUFF LNGF	3
21	142636	TUBE ASM 0.38X97.98 NXT24/30S HOOK CYL ZC	2
22	140084	TUBE ASM 0.38X23.53 NXT24/30 FRNT HOOK CYL ZC CS	1
23	140080	TUBE ASM 0.38X23.53 NXT24/30 FRNT HOOK CYL ZC SS	1
REV. A - 20260611			

NXT30S Cylinder Assembly - PN 142637



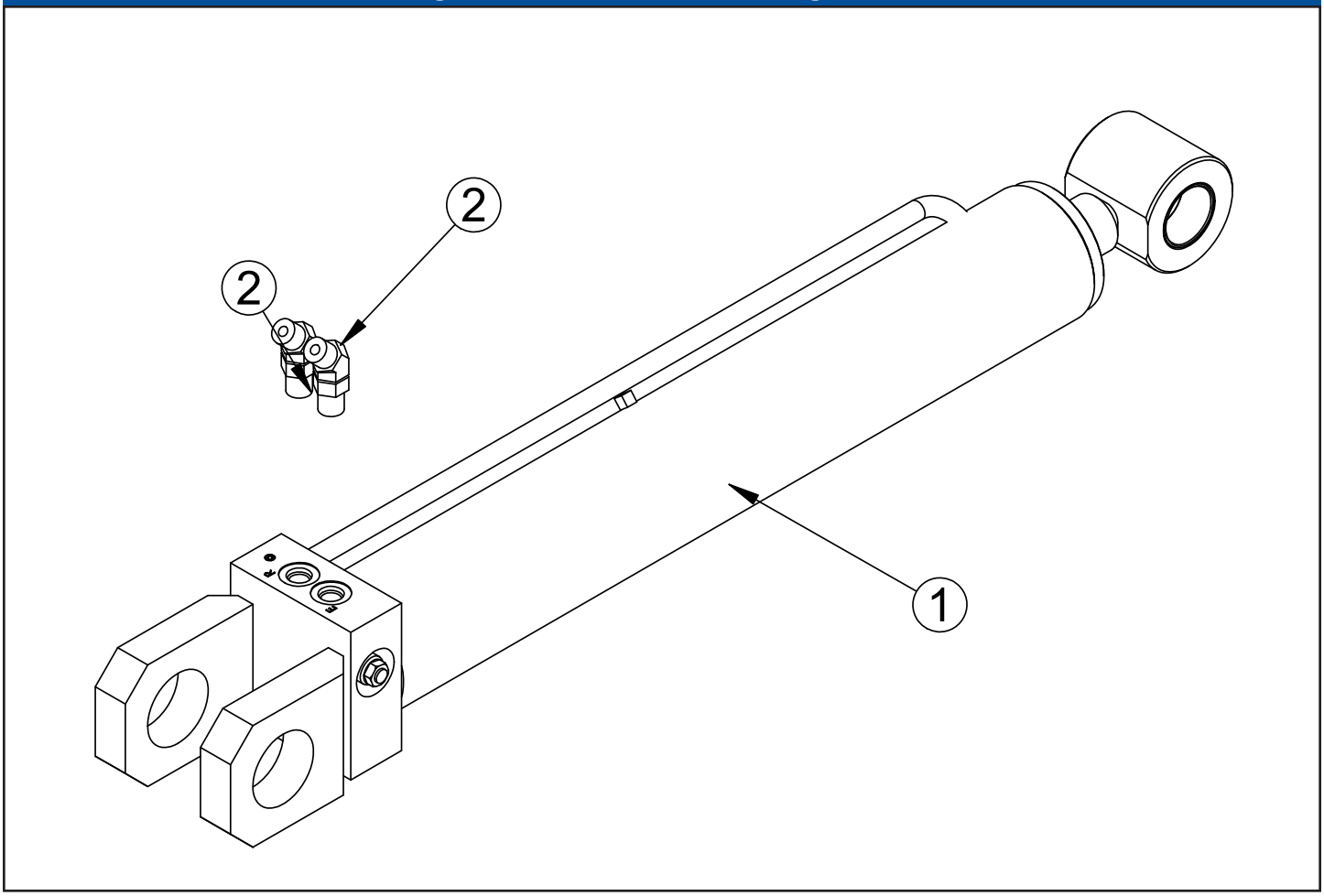
PN 142637			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	142663	CYLINDER ASM 3.00X30.00 NXT	1
2	142640	TUBE ASM TELESCOPIC 1.00X30.00	1
3	142640	TUBE ASM TELESCOPIC 1.00X30.00	1
4	0279	FTG 6-6 MFS-MORB STRAIGHT	2
5	0487	CAP SCR 0.31-18X1.75 HHGR5	8
6	0498	CAP SCR 0.50-13X1.25 HHGR5	2
7	5591	WASHER 0.31 SAE FLAT YELLOW GR8	16
8	0525	WASHER 0.50 LOCK	2
9	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	2
10	0342	NUT 0.31-18 HHGR5 NYLOC	8
11	D1193	FTG 6-6 MFS-MAORB 45	2
REV. INITIAL RELEASE-202510			

NXT30S Cylinder Assembly - PN 142663



PN 142663			
ITEM	PART	DESCRIPTION	QTY
1	142664	CYLINDER 3.00X30.00 NXT	1
2	C1175	FTG 8-8 MFS-MAORB 45	2
REV. INITIAL RELEASE-202510			

NXT30S Cylinder Assembly - PN 140008



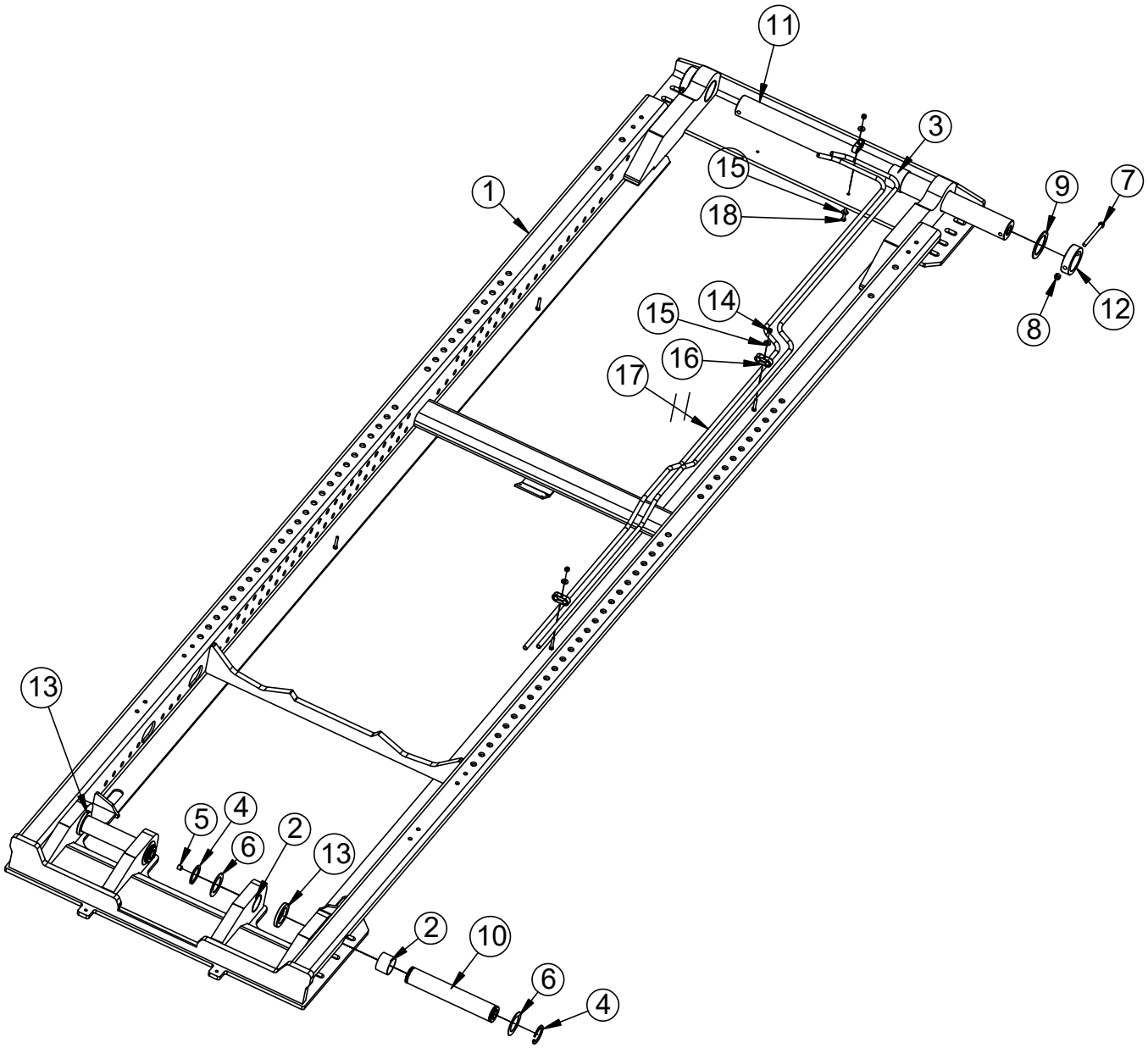
PN 140008			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	54521	CYLINDER 3.00X17.88	1
2	D1193	FTG 6-6 MFS-MAORB 45	2
REV. INITIAL RELEASE-202510			

Chapter 3 - Assembly Drawings NXT30M

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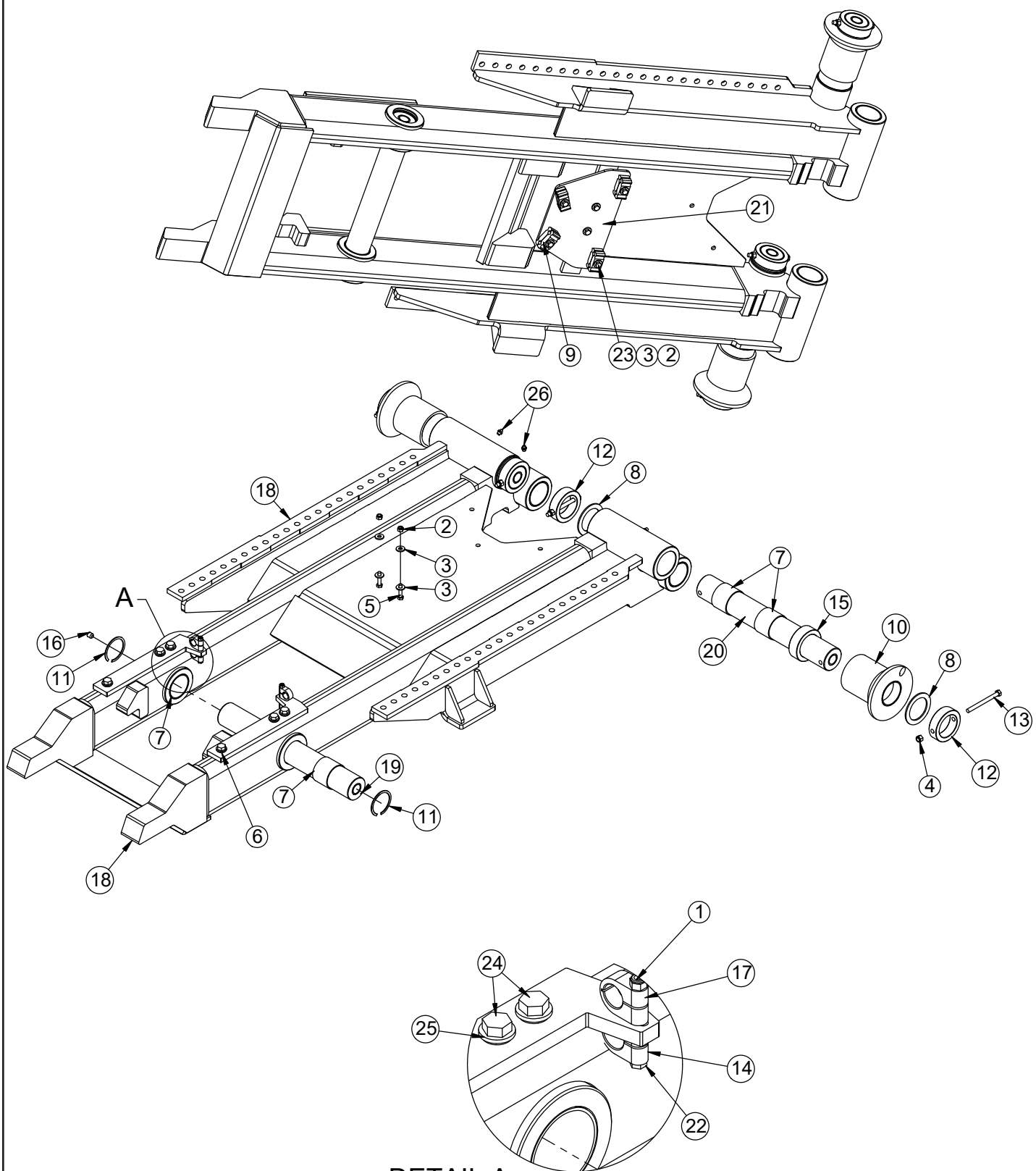
NXT30M Base Assembly - PN 139201



NXT30M Base Assembly - PN 139201 Parts List

PN 139201			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	139202	BASE NXT24/30M	1
2	4380	BUSHING BPC32DXR24 2.00X1.50	4
3	0635	BUSHING BPC40DXR32 2.50X2.00	2
4	0108	SNAP RING 2.00 7200-200	4
5	58052	SET SCREW 0.50-13X0.50 W/ RED PATCH	2
6	0377	MACHY WASHER 2.00ID 14GA	4
7	32086	CAP SCR 0.38-16X4.25 HHGR5	2
8	0347	NUT 0.38-16 HHGR5 NYLOC	2
9	1547	THRUST WASHER 2.51DIA UHMW .12THK	2
10	139029CR	PIN 2.00X11.50 SR ZC	2
11	139986CR	PIN 2.50X35.94 ZC	1
12	23930	COLLAR 2.51X3.50X1.00 PC BLACK	2
13	139028	COLLAR 2.01X3.00X0.38 UHMW	2
14	0333	NUT 0.25-20 HHGR5 NYLOC	3
15	0340	WASHER 0.25 USS FLAT	4
16	96566	CLAMP 0.50 PORT TUBE TWIN - STAUFF LNGF	3
17	140028	TUBE ASM 0.50X97.98 NXT24/30 EXT. CYL ZC	2
18	0481	CAP SCR 0.25-20X2.00 HHGR5	1
REV. INITIAL RELEASE-202510			

NXT30M Dump Assembly - PN 139203

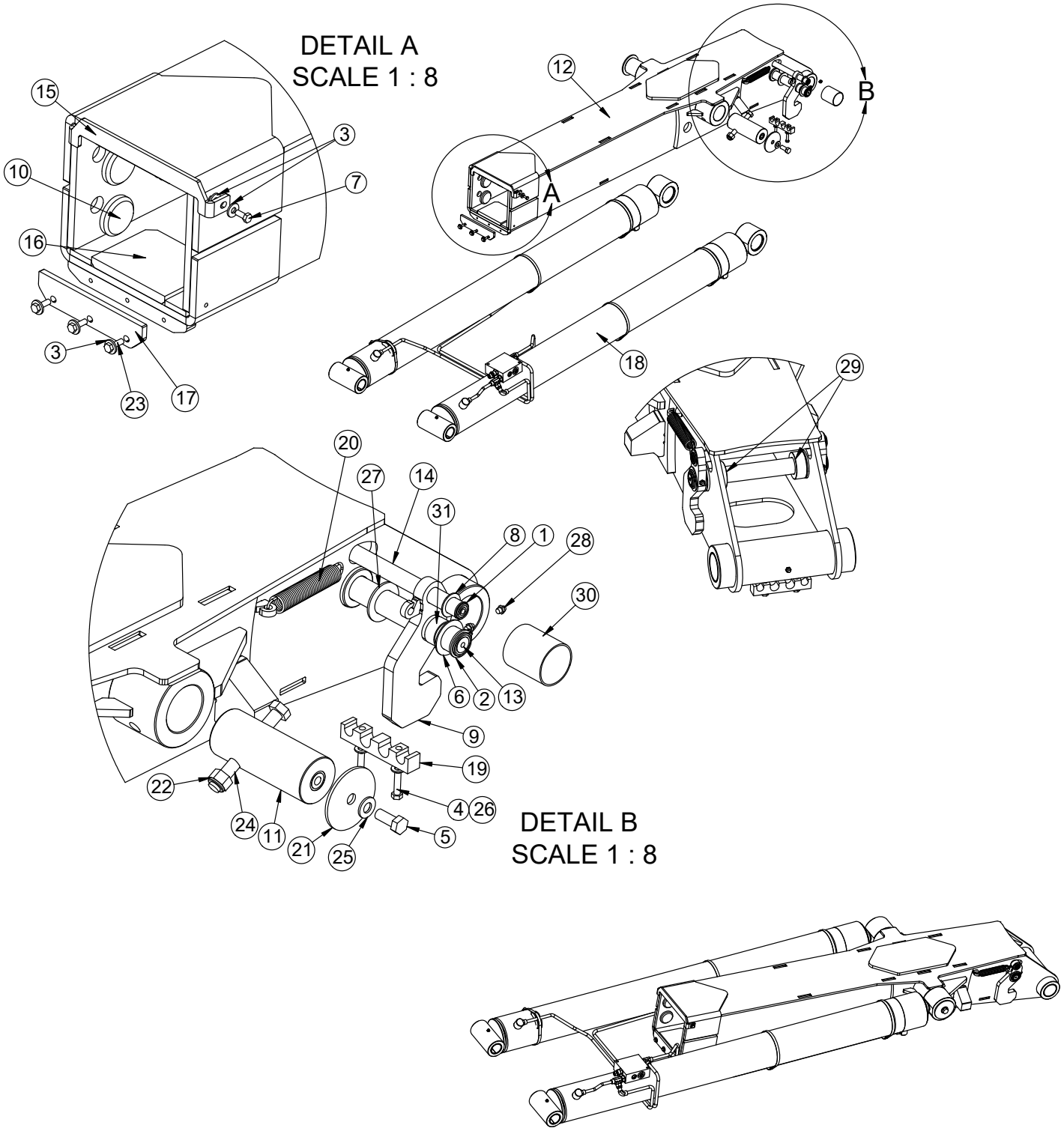


DETAIL A
SCALE 1 : 4

NXT30M Dump Assembly - PN 139203 Parts List

PN 139203			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	0333	NUT 0.25-20 HHGR5 NYLOC	2
2	0342	NUT 0.31-18 HHGR5 NYLOC	6
3	0343	WASHER 0.31 USS FLAT	12
4	0347	NUT 0.38-16 HHGR5 NYLOC	4
5	0486	CAP SCR 0.31-18X1.50 HHGR5	2
6	0525	WASHER 0.50 LOCK	6
7	0635	BUSHING BPC40DXR32 2.50X2.00	10
8	1547	THRUST WASHER 2.51DIA UHMW .12THK	4
9	8622	CLAMP HOSE/TUBE AG-2	8
10	21496	ROLLER 2.50X4.00X3.81X6.00 PC YELLOW	2
11	22216	SNAP RING INSIDE 2.50	2
12	23930	COLLAR 2.51X3.50X1.00 PC BLACK	4
13	32086	CAP SCR 0.38-16X4.25 HHGR5	4
14	52116	HOSE CLAMP LN 4213 PP	2
15	54649	COLLAR 2.51X3.50X1.13 UHMW	2
16	58052	SET SCREW 0.50-13X0.50 W/ RED PATCH	1
17	60777	HOSE CLAMP LN 4190 PA	2
18	139204	DUMP NXT24/30M	1
19	140344CR	PIN 2.50X18.56 D&T ZP	1
20	140345CR	PIN 2.50X18.19 ZC	2
21	142657	PLATE, HOSE GUIDE NXT24/30	1
22	C0910	CAP SCR 0.25-20X2.75 HHGR5	2
23	C0927	CAP SCR 0.31-18X2.25 HHGR5	4
24	C0990	CAP SCR 0.50-13X0.75 HHGR5	6
25	D0790	WASHER 0.50 FLAT GR8	6
26	C1592	ZERK 1/8 NPT STRAIGHT	4
REV. B 202510			

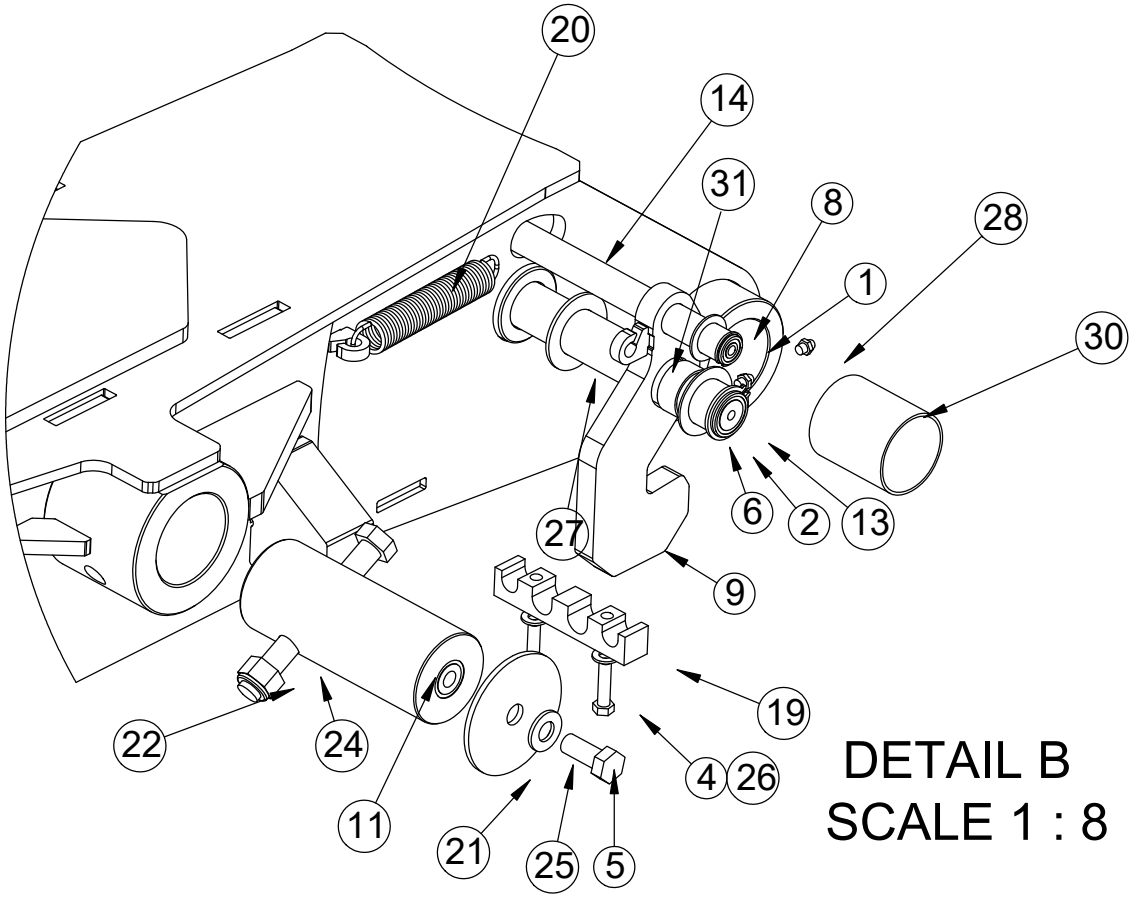
NXT30M Secondary Assembly - PN 139205



NXT30M Secondary Assembly - PN 139205 Parts List

PN 139205			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	0110	SNAP RING 1.00 ID 7200-100	2
2	0246	SNAP RING ID 7200 150	2
3	0343	WASHER 0.31 USS FLAT	7
4	0345	CAP SCR 0.38-16X1.50 HHGR5	2
5	0356	CAP SCR 0.63-11X1.50 HHGR8	2
6	0376	MACHY WASHER 1.50ID 14GA	2
7	420	CAP SCR 0.31-18X0.75 HHGR5	2
8	0867	MACHY WASHER 1.00ID 14GA	2
9	113874	DUMP LATCH WLDMT SLIDER26 GEN3	2
10	114019	WEAR PAD 0.50X2.50 RND	4
11	139688CR	PIN 3.00X7.44 D&T W/HOLE ZP	2
12	139206	SECONDARY NXT24/30M	1
13	139662CR	PIN 1.50X13.00 SR	1
14	139687CR	PIN 1.00X12.81 SR	1
15	140009	PLATE WEAR PAD COVER NXT24/30	1
16	140010	WEAR PAD 0.63IN NXT24/30 SECONDARY	2
17	140011	PLATE WEAR PAD COVER SEC NXT24/30	1
18	140042	CYLINDER ASM DUAL NXT24/30M	1
19	140044	CLAMP 4 HOSE NXT24/30	1
20	54817	SPRING 1.00ODX0.125X4.50	2
21	8597	PIN CAP 0.69X4.00X0.19	2
22	C0538	NUT 0.75-10 HHGR8 NYLOC	2
23	C0922	CAP SCR 0.31-18X1.00 HHGR5	3
24	C1029	CAP SCR 0.75-10X6.00 HHGR8	2
25	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	2
26	C6353	WASHER 0.38 SAE FLAT YELLOW GR8	2
27	D0419	THRUST WASHER	2
28	C1592	ZERK 1/8 NPT STRAIGHT	3
29	140049	COLLAR 1.51X2.50X01.00 UHMW	2
30	5739	BUSHING BPC40DXR48 2.50X3.00	2
31	21810	BUSHING GSI-2426-12 1.50X0.75	2
REV. B - 20260611			

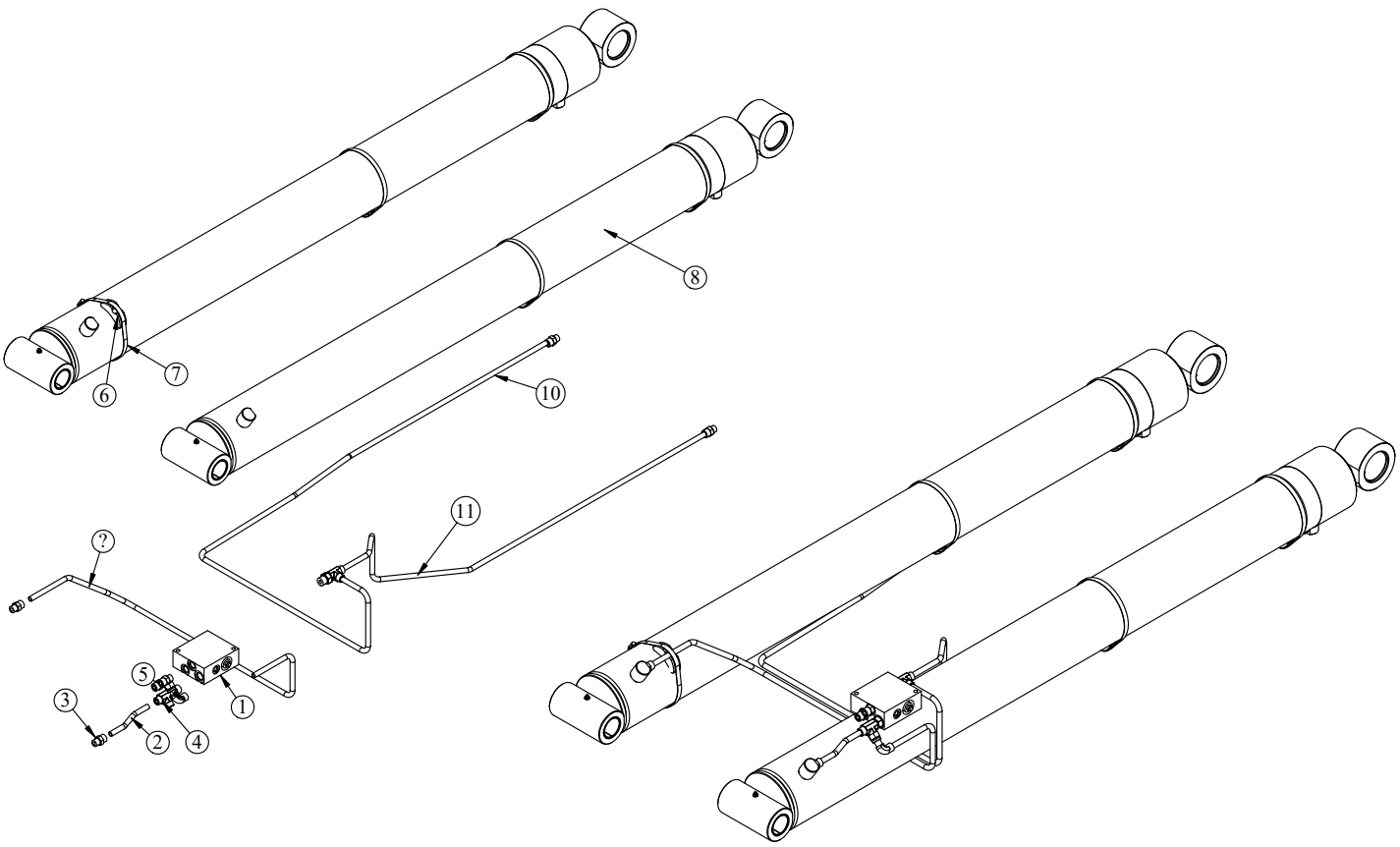
Secondary/Dump Latch Assembly Detail B - PN 139205



Secondary/Dump Latch Assembly - PN 139205 Parts List

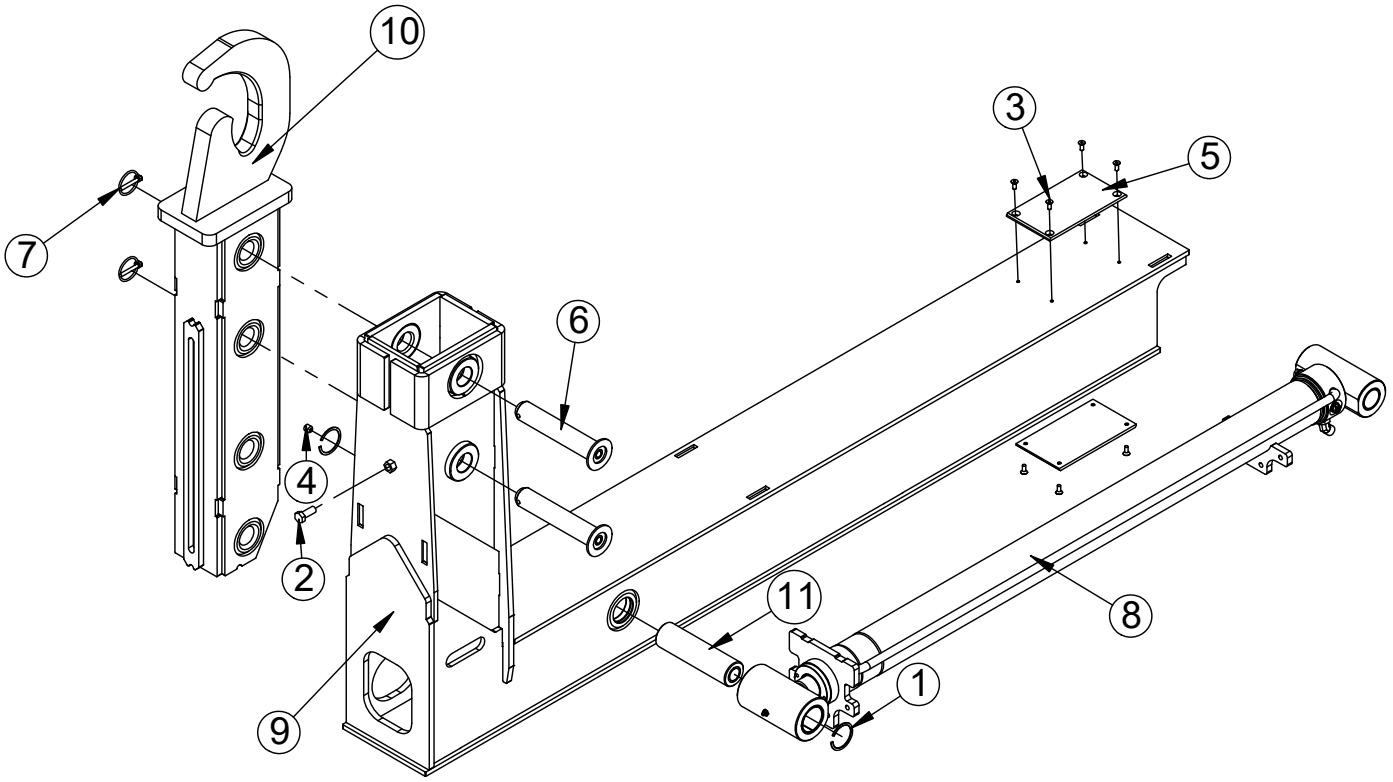
PN 139205 DETAIL B			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	0110	SNAP RING 1.00 ID 7200-100	2
2	0246	SNAP RING ID 7200 150	2
3	0343	WASHER 0.31 USS FLAT	7
4	0345	CAP SCR 0.38-16X1.50 HHGR5	2
5	0356	CAP SCR 0.63-11X1.50 HHGR8	2
6	0376	MACHY WASHER 1.50ID 14GA	2
7	0420	CAP SCR 0.31-18X0.75 HHGR5	2
8	0867	MACHY WASHER 1.00ID 14GA	2
9	113874	DUMP LATCH WLDMT SLIDER26 GEN3	2
10	114019	WEAR PAD 0.50X2.50 RND	4
11	139688CR	PIN 3.00X7.44 D&T W/HOLE ZP	2
12	139206	SECONDARY NXT24/30M	1
13	139662CR	PIN 1.50X13.00 SR	1
14	139687CR	PIN 1.00X12.81 SR	1
15	140009	PLATE WEAR PAD COVER NXT24/30	1
16	140010	WEAR PAD 0.63IN NXT24/30 SECONDARY	2
17	140011	PLATE WEAR PAD COVER SEC NXT24/30	1
18	140042	CYLINDER ASM DUAL NXT24/30M	1
19	140044	CLAMP 4 HOSE NXT24/30	1
20	54817	SPRING 1.00ODX0.125X4.50	2
21	8597	PIN CAP 0.69X4.00X0.19 YZ	2
22	C0538	NUT 0.75-10 HHGR8 NYLOC	2
23	C0922	CAP SCR 0.31-18X1.00 HHGR5	3
24	C1029	CAP SCR 0.75-10X6.00 HHGR8	2
25	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	2
26	C6353	WASHER 0.38 SAE FLAT YELLOW GR8	2
27	D0419	THRUST WASHER	2
28	C1592	ZERK 1/8 NPT STRAIGHT	3
29	140049	COLLAR 1.51X2.50X01.00 UHMW	2
30	5739	BUSHING BPC40DXR48 2.50X3.00	2
31	21810	BUSHING GSI-2426-12 1.50X0.75	2
REV. A 202510			

NXT30M Cylinder Assembly, Dual - PN 140042



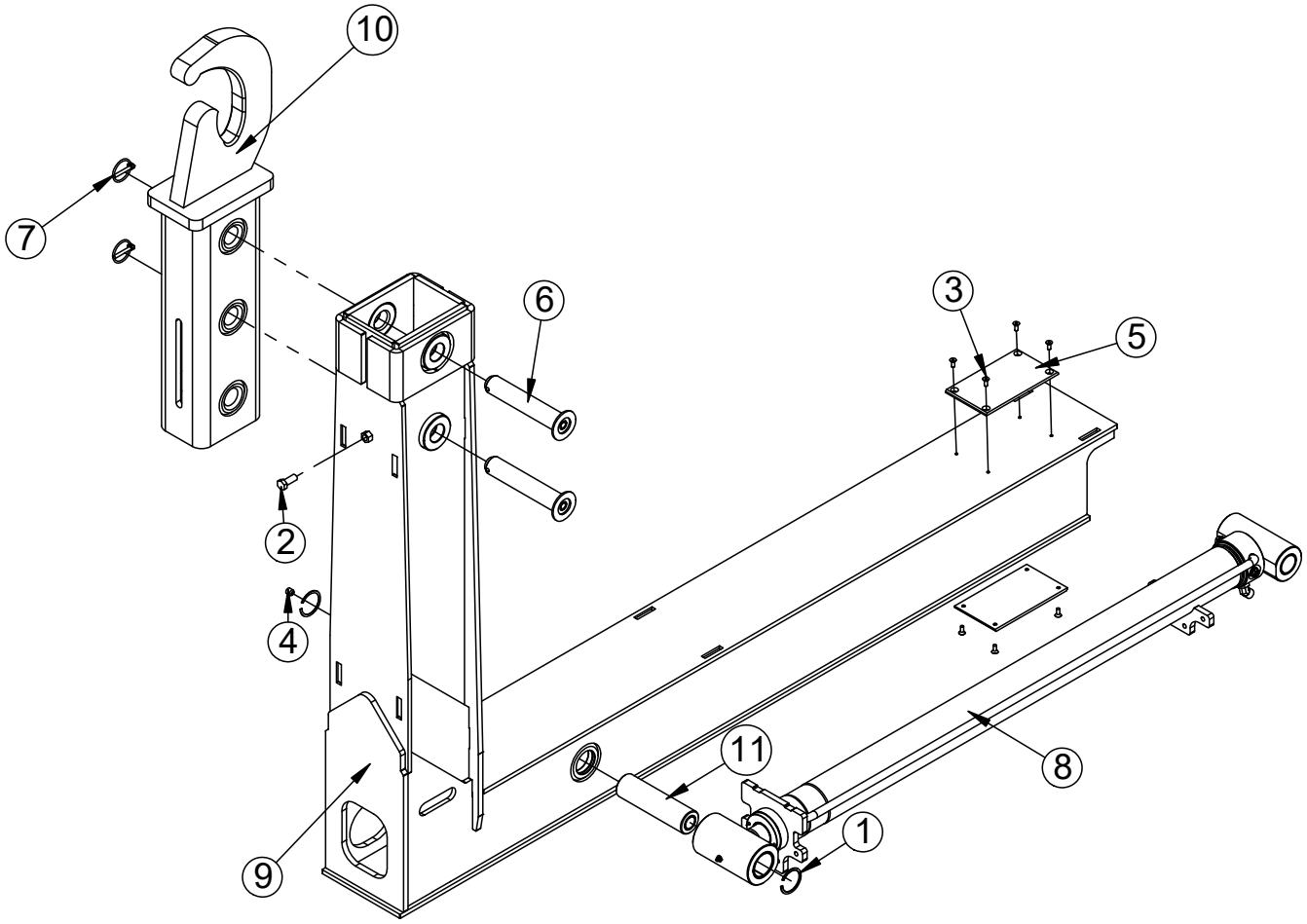
PN 140042			
ITEM	PART	DESCRIPTION	QTY
1	15995	MANIFOLD ASM DUAL T2A 5000PSI	1
2	53847	TUBE ASM 0.50X5.75 SLIDER 26 SS EXTEND YZ	1
3	1554	FTG 8-8 MFS-MORB STRAIGHT	6
4	37179	FTG 8-10-8 MFS-MAORB-MFS TEE	2
5	C2376	FTG 8-8 MFS-FFSS 90	1
6	18701	CLAMP PORT TUBE ZR518	5
7	19369	HOSE CLAMP 4.13-7.00 5416K38	5
8	139661	CYLINDER 5.50X67.00 REGEN	2
9	140047	TUBE ASM 0.50X19.96 NXT24/30 CS EXTEND YZ	1
10	140046	TUBE ASM 0.50X52.24 NXT24/30M CS RETRACT YZ	1
11	140045	TUBE ASM 0.50X60.44 NXT24/30M SS RETRACT YZ	1
REV. INITIAL RELEASE 202510			

NXT30M Jib Assembly - PN 139207



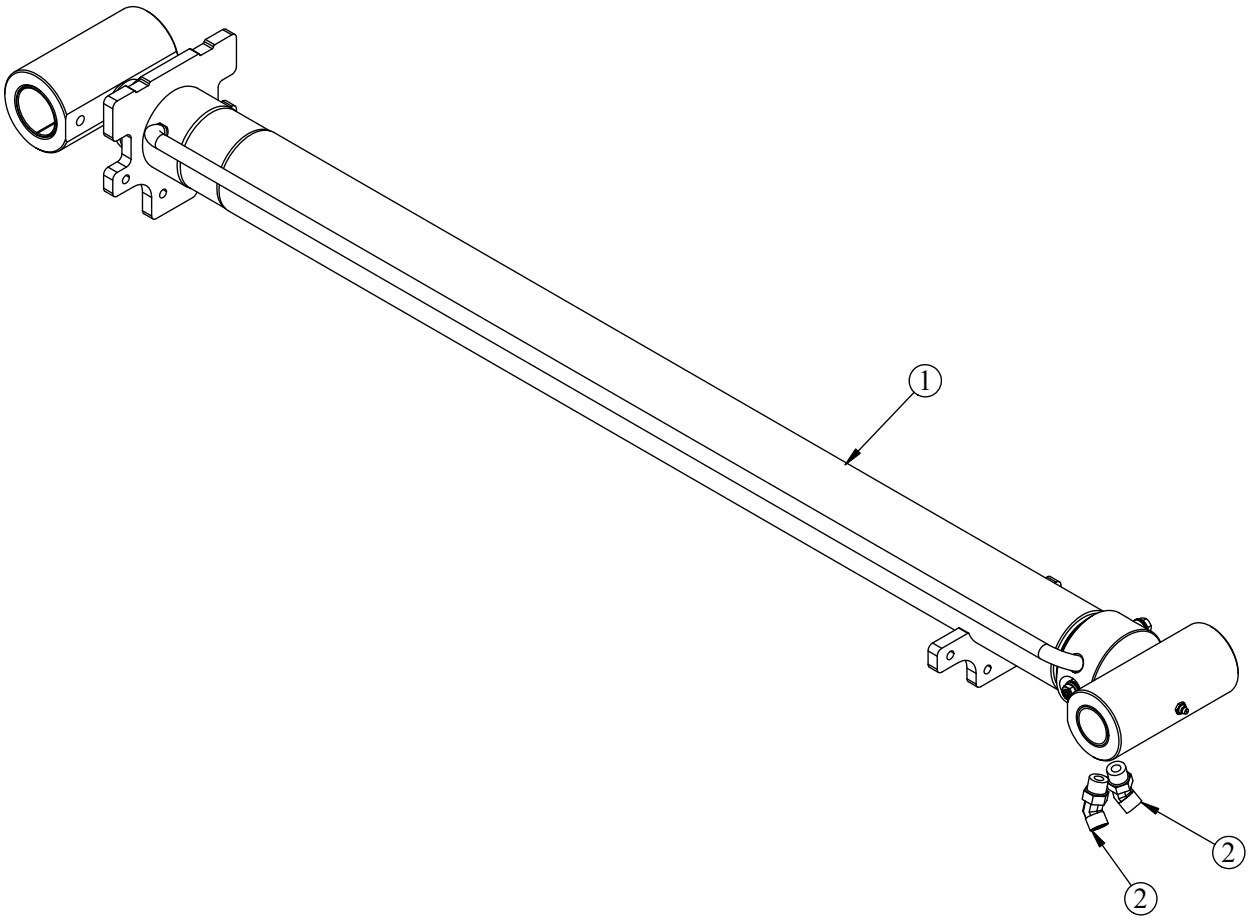
PN 139207			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	2257	SNAP RING INSIDE 2.00	2
2	10666	CAP SCR 0.50-13X1.25 HHGR8	1
3	25741	CAP SCR 0.25-20X0.63 FHSH SS	8
4	58052	SET SCREW 0.50-13X0.50 W/ RED PATCH	1
5	114041	WEAR PAD SLIDER26 JIB GEN3	2
6	117599CR	PIN WLDMT 1.50X8.13	2
7	117616	PIN 0.25X1.63 LYNCH	2
8	137937	CYLINDER ASM 3.00X42.00 NXT	1
9	139208	JIB NXT 24/30M MANUAL	1
10	140052	JIB TOP NXT MANUAL 36/54HH	1
11	140343CR	PIN 2.00X7.22 D&T ZC	1
REV. INITIAL RELASE 202510			

NXT30M Jib Assembly - PN 143115



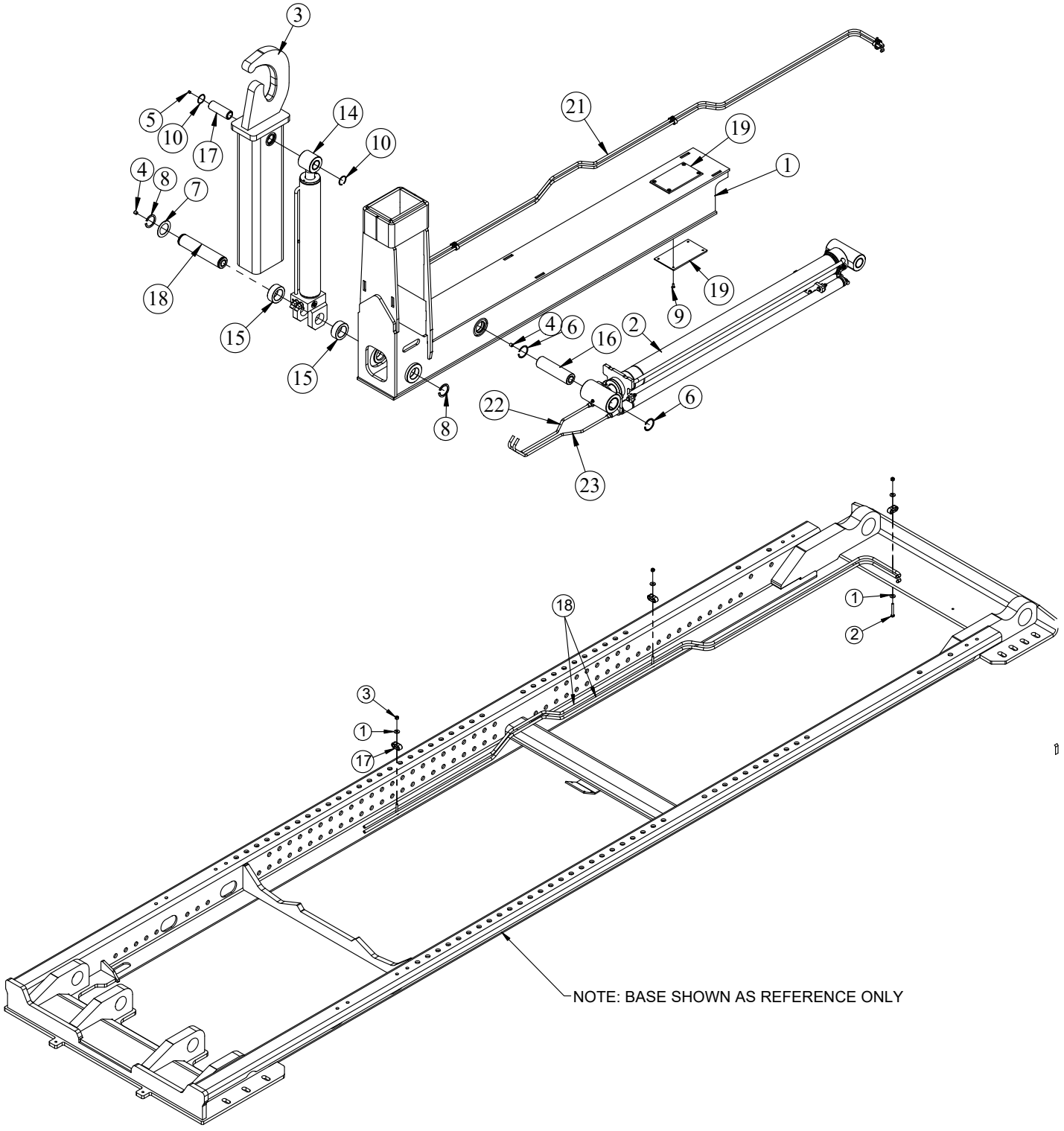
PN 143115			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	2257	SNAP RING INSIDE 2.00	2
2	10666	CAP SCR 0.50-13X1.25 HHGR8	1
3	25741	CAP SCR 0.25-20X0.63 FHSH SS	8
4	58052	SET SCREW 0.50-13X0.50 W/ RED PATCH	1
5	114041	WEAR PAD SLIDER26 JIB GEN3	2
6	117599CR	PIN WLDMT 1.50X8.13	2
7	117616	PIN 0.25X1.63 LYNCH	2
8	137937	CYLINDER ASM 3.00X42.00 NXT	1
9	143116	JIB NXT 24/30M 54/62HH	1
10	143047	JIB TOP NXT24/30 MANUAL 54/62HH	1
11	140343CR	PIN 2.00X7.22 D&T ZC	1
REV. INITIAL RELEASE 202510			

NXT30M Cyl Assembly 3.00 X 42.00 - PN 137937



PN 137937			
ITEM	PART	DESCRIPTION	QTY
1	137938	CYLINDER 3.00X42.00 NXT	1
2	C1175	FTG 8-8 MFS-MAORB 45	2
REV. INITIAL RELEASE 202510			

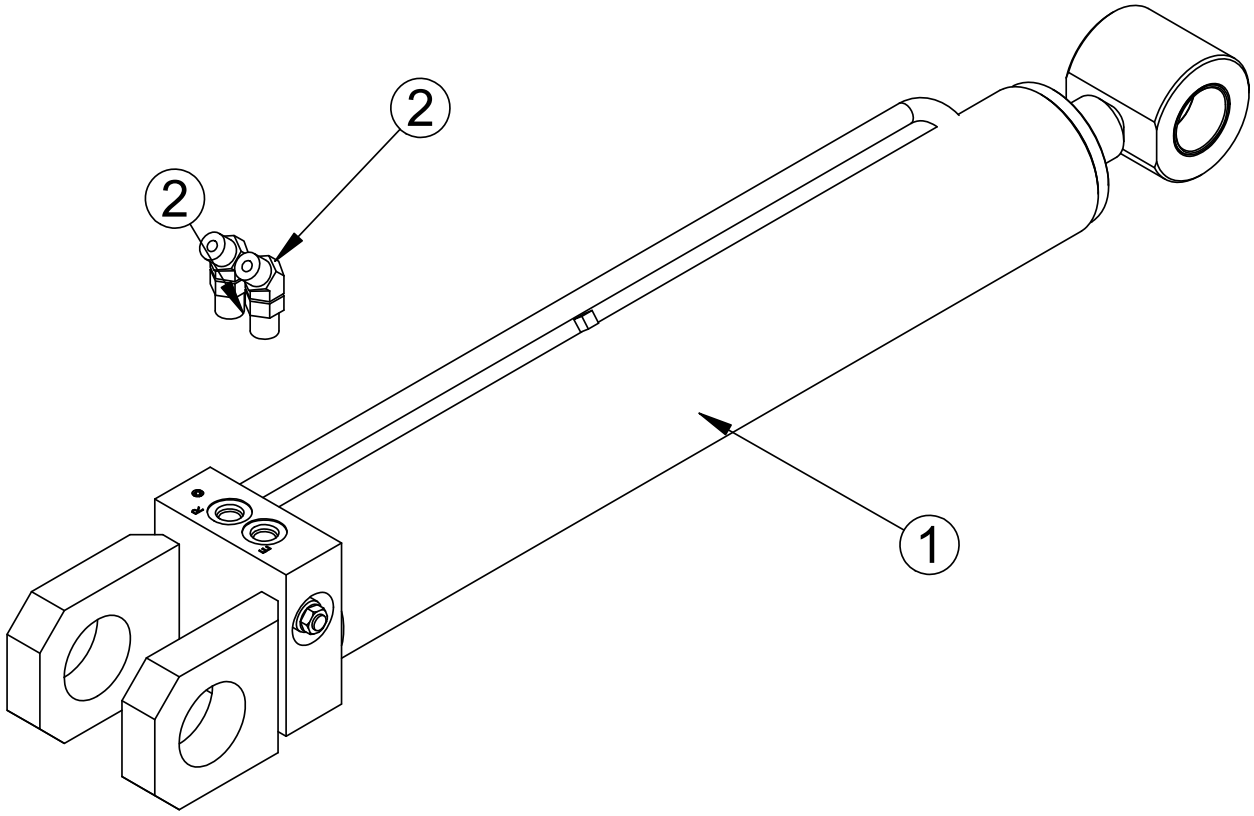
NXT30M Jib Assembly - PN 140032



NXT30M Jib Assembly - PN 140032 Parts List

PN 140032			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	140033	JIB NXT 24/30M HH	1
2	137936	CYLINDER ASM NXT24/30M HYD	1
3	139209	JIB TOP NXT24/30 HYD	1
4	58052	SET SCREW 0.50-13X0.50 W/ RED PATCH	2
5	C3397	SET SCREW 0.38-16X0.38 W/ RED PATCH	1
6	2257	SNAP RING INSIDE 2.00	2
7	0377	MACHY WASHER 2.00ID 14GA	2
8	0108	SNAP RING 2.00 7200-200	2
9	25741	CAP SCR 0.25-20X0.63 FHSH SS	8
10	54129	SNAP RING INSIDE 1.50	2
11	0340	WASHER 0.25 USS FLAT	4
12	0481	CAP SCR 0.25-20X2.00 HHGR5	1
13	0333	NUT 0.25-20 HHGR5 NYLOC	3
14	140008	CYLINDER ASM 3.00X17.88 NXT24/30	1
15	89287	COLLAR 2.01X3.00X1.13 UHMW	2
16	140343CR	PIN 2.00X7.22 D&T ZC	1
17	54130CR	PIN 1.50X4.31 D&T	1
18	22220CR	PIN 2.00X9.75 SR ZC	1
19	114041	WEAR PAD SLIDER26 JIB GEN3	2
20	96567	CLAMP 0.38 PORT TUBE TWIN - STAUFF LNGF	3
21	140337	TUBE ASM 0.38X97.98 NXT24/40 HOOK CYL ZC	2
22	140084	TUBE ASM 0.38X23.53 NXT24/30 FRNT HOOK CYL ZC CS	1
23	140080	TUBE ASM 0.38X23.53 NXT24/30 FRNT HOOK CYL ZC SS	1
REV. A 202510			

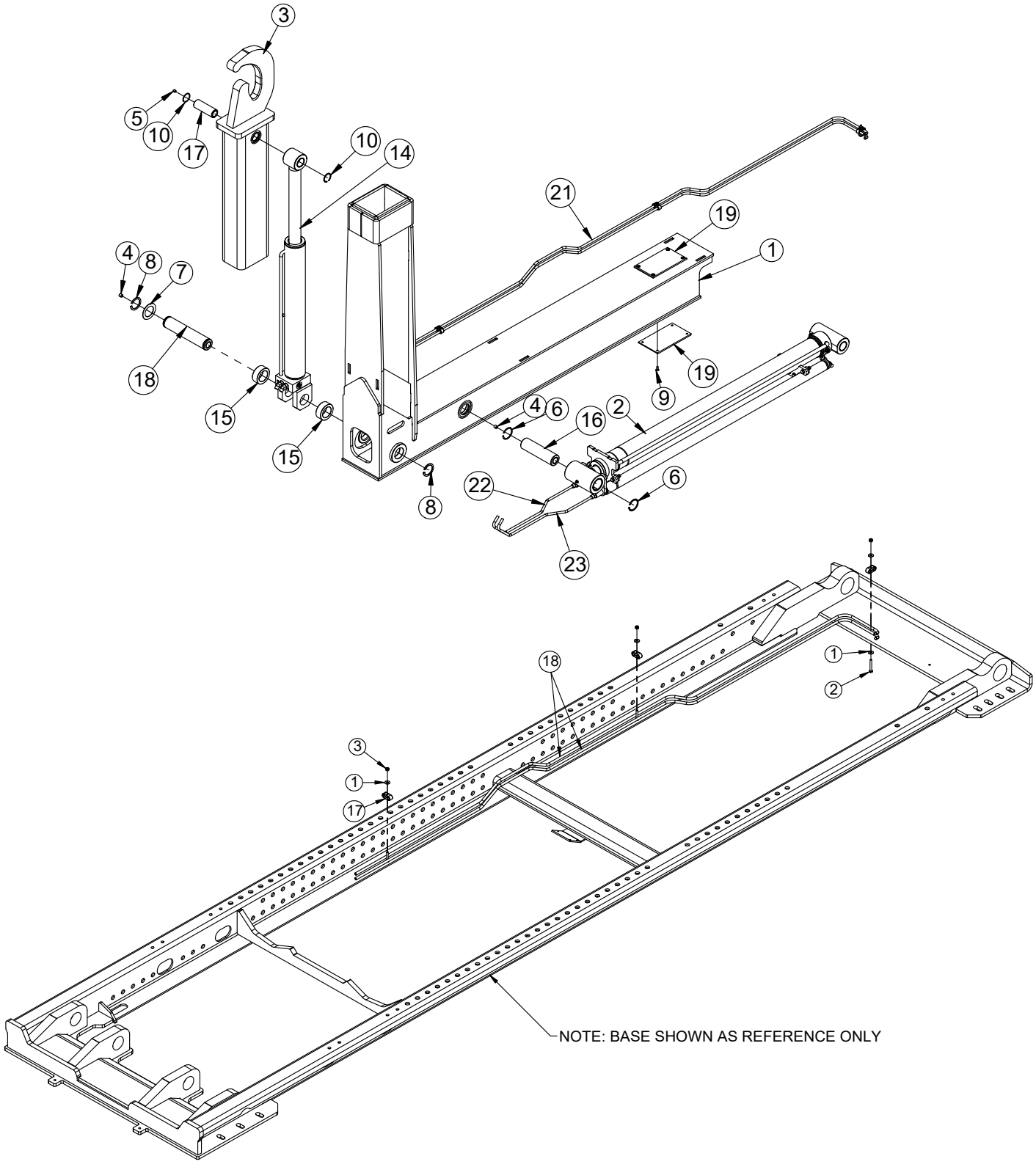
NXT30M Cylinder Assembly - PN 140008



PN 140008			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	54521	CYLINDER 3.00X17.88	1
2	D1193	FTG 6-6 MFS-MAORB 45	2
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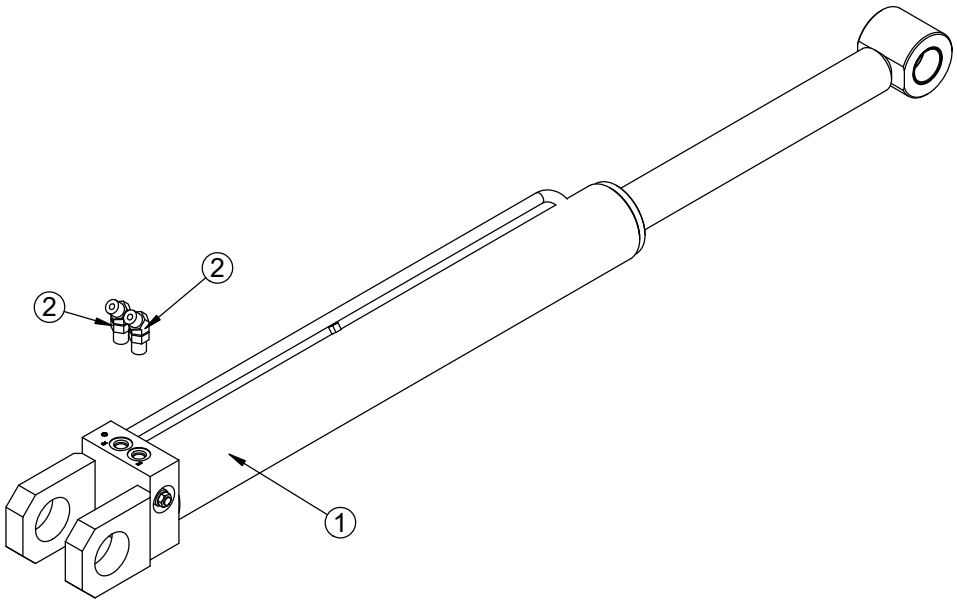
NXT30M Jib Assembly HH HYD - PN 143111



NXT30M Jib Assembly HH HYD - PN 143111 Parts List

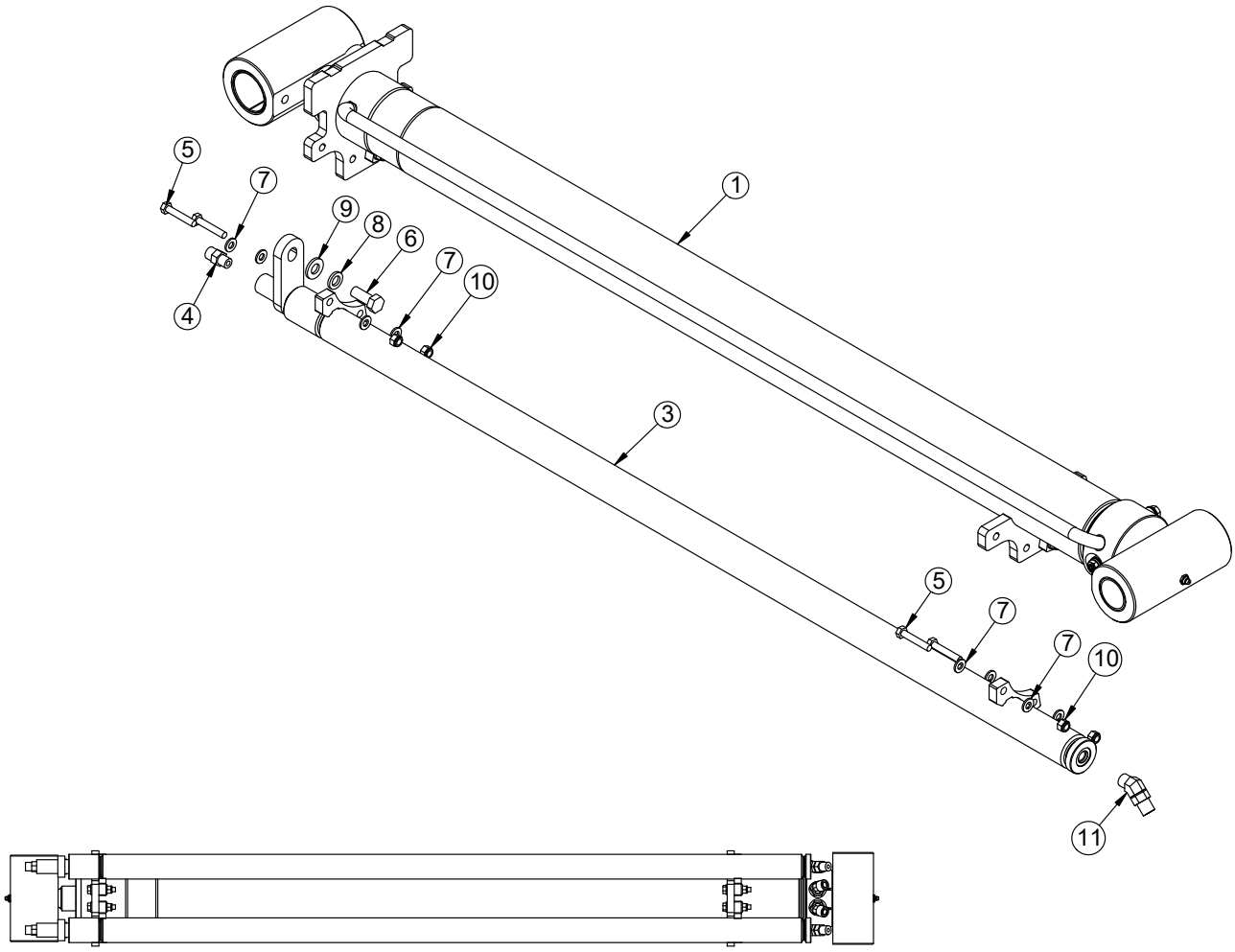
PN 143111			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	143112	JIB NXT 24/30M 54/62HH HYD	1
2	137936	CYLINDER ASM NXT24/30M HYD	1
3	139209	JIB TOP NXT24/30 HYD	1
4	58052	SET SCREW 0.50-13X0.50 W/ RED PATCH	2
5	C3397	SET SCREW 0.38-16X0.38 W/ RED PATCH	1
6	2257	SNAP RING INSIDE 2.00	2
7	0377	MACHY WASHER 2.00ID 14GA	2
8	0108	SNAP RING 2.00 7200-200	2
9	25741	CAP SCR 0.25-20X0.63 FHSH SS	8
10	54129	SNAP RING INSIDE 1.50	2
11	0340	WASHER 0.25 USS FLAT	4
12	0481	CAP SCR 0.25-20X2.00 HHGR5	1
13	0333	NUT 0.25-20 HHGR5 NYLOC	3
14	140079	CYLINDER ASM 3.00X17.88 NXT24/30	1
15	89287	COLLAR 2.01X3.00X1.13 UHMW	2
16	140343CR	PIN 2.00X7.22 D&T ZC	1
17	54130CR	PIN 1.50X4.31 D&T	1
18	22220CR	PIN 2.00X9.75 SR ZC	1
19	114041	WEAR PAD SLIDER26 JIB GEN3	2
20	96567	CLAMP 0.38 PORT TUBE TWIN - STAUFF LNGF	3
21	140337	TUBE ASM 0.38X97.98 NXT24/40 HOOK CYL ZC	2
22	140084	TUBE ASM 0.38X23.53 NXT24/30 FRNT HOOK CYL ZC CS	1
23	140080	TUBE ASM 0.38X23.53 NXT24/30 FRNT HOOK CYL ZC SS	1
REV. INITIAL RELEASE 202510			

NXT30M Cylinder Assembly - PN 140079



PN 140079			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	43506	CYLINDER 3.00X7.75	1
2	D1193	FTG 6-6 MFS-MAORB 45	2
REV. INITIAL RELEASE 202510			

NXT30M Cylinder Assembly - PN 137936



PN 137936			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	137937	CYLINDER ASM 3.00X42.00 NXT	1
2	137939	TUBE ASM TELESCOPIC 1.00X48.00	1
3	137939	TUBE ASM TELESCOPIC 1.00X48.00	1
4	0279	FTG 6-6 MFS-MORB STRAIGHT	2
5	0487	CAP SCR 0.31-18X1.75 HHGR5	8
6	0498	CAP SCR 0.50-13X1.25 HHGR5	2
7	5591	WASHER 0.31 SAE FLAT YELLOW GR8	16
8	0525	WASHER 0.50 LOCK	2
9	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	2
10	0342	NUT 0.31-18 HHGR5 NYLOC	8
11	D1193	FTG 6-6 MFS-MAORB 45	2
REV. INITIAL RELEASE 202510			

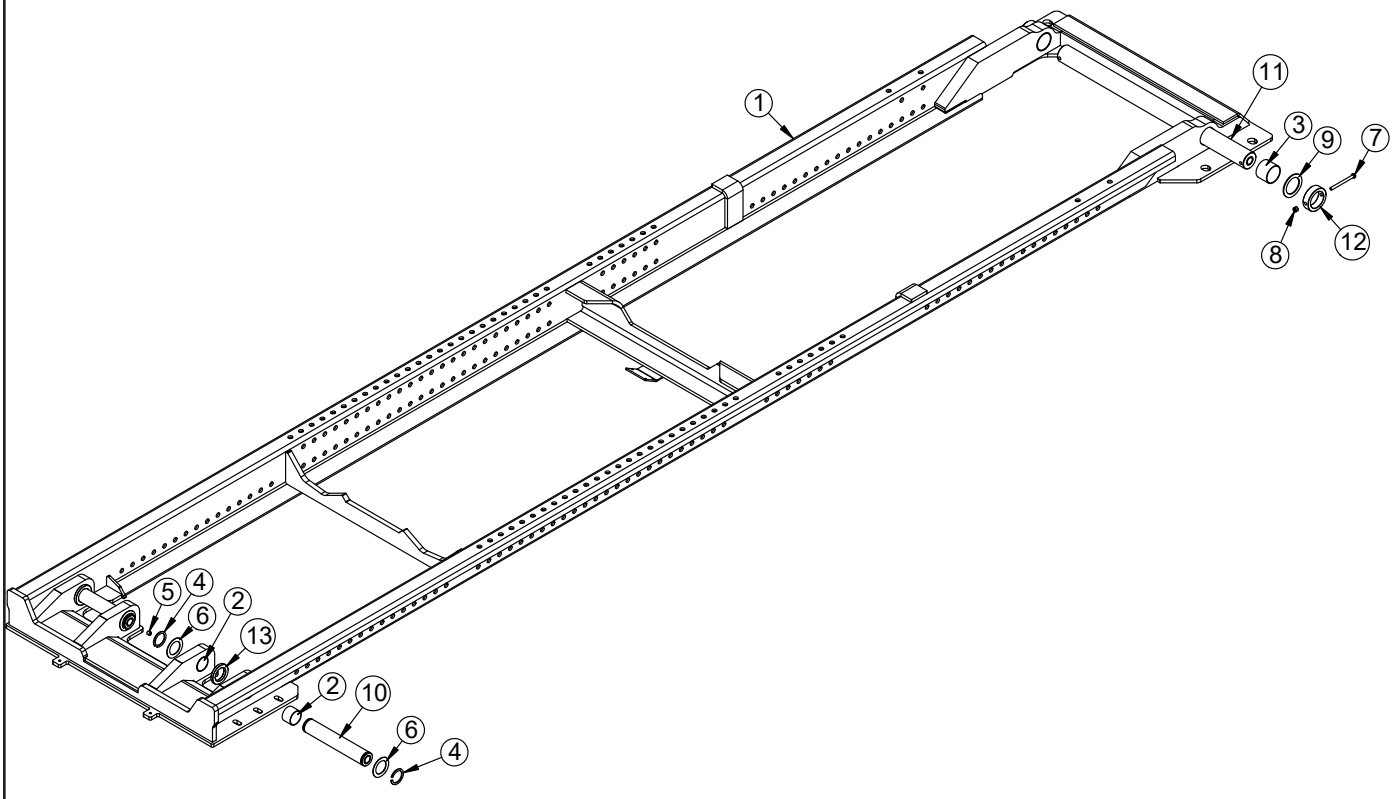
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Chapter 4 - Assembly Drawings NXT30L

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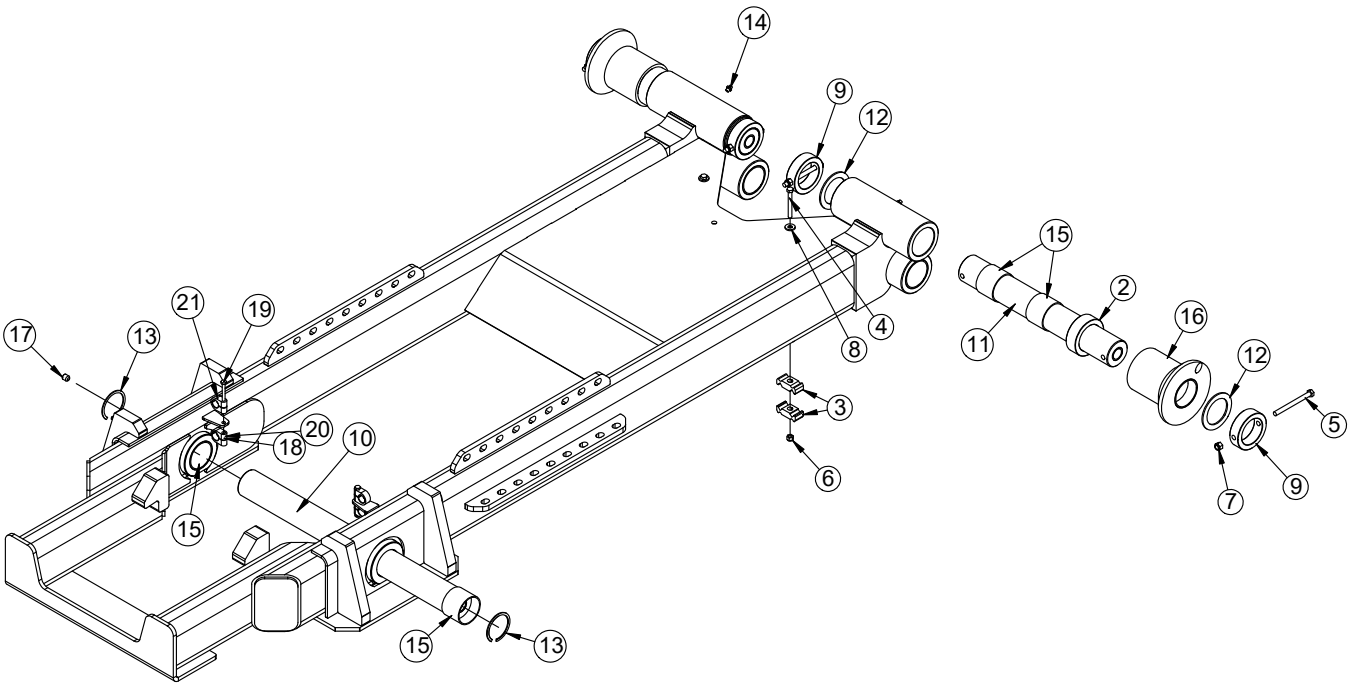
NXT30L Base Assembly - PN 140061



NXT30L Base Assembly - PN 140061 Parts List

PN 140061			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	140062	BASE NXT24/30L	1
2	4380	BUSHING BPC32DXR24 2.00X1.50	4
3	0635	BUSHING BPC40DXR32 2.50X2.00	2
4	0108	SNAP RING 2.00 7200-200	4
5	58052	SET SCREW 0.50-13X0.50 W/ RED PATCH	2
6	0377	MACHY WASHER 2.00ID 14GA	4
7	32086	CAP SCR 0.38-16X4.25 HHGR5	2
8	0347	NUT 0.38-16 HHGR5 NYLOC	2
9	1547	THRUST WASHER 2.51DIA UHMW .12THK	2
10	139029CR	PIN 2.00X11.50 SR ZC	2
11	139986CR	PIN 2.50X35.94 ZC	1
12	23930	COLLAR 2.51X3.50X1.00 PC BLACK	2
13	139028	COLLAR 2.01X3.00X0.38 UHMW	2
REV. INITIAL RELEASE-202510			

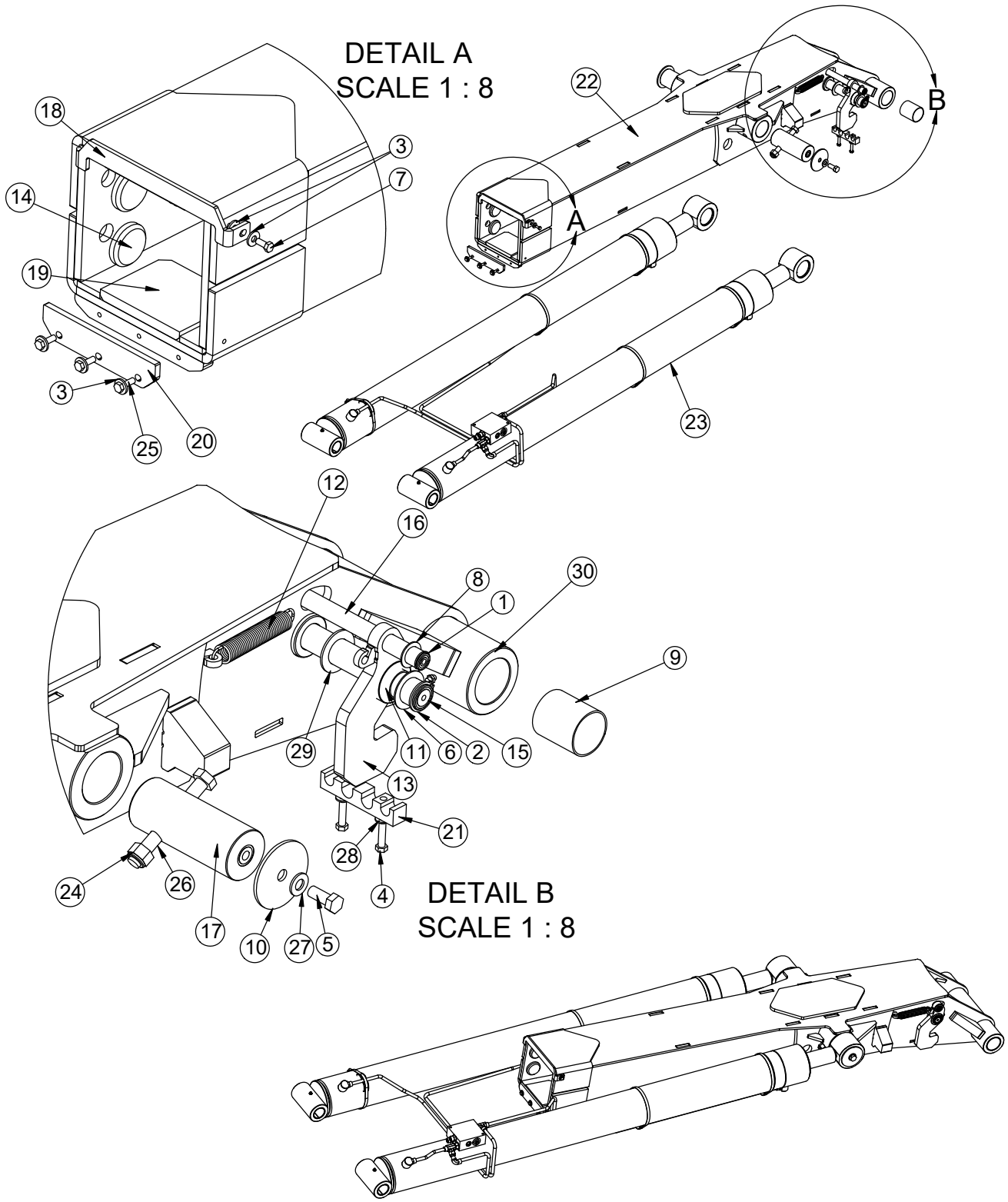
NXT30L Dump Assembly - PN 140063



NXT30L Dump Assembly - PN 140063 Parts List

PN 140063			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	140064	DUMP NXT24/30L	1
2	54649	COLLAR 2.51X3.50X1.13 UHMW	2
3	8622	CLAMP HOSE/TUBE AG-2	4
4	C0929	CAP SCR 0.31-18X2.75 HHGR5	2
5	32086	CAP SCR 0.38-16X4.25 HHGR5	4
6	0342	NUT 0.31-18 HHGR5 NYLOC	2
7	0347	NUT 0.38-16 HHGR5 NYLOC	4
8	0343	WASHER 0.31 USS FLAT	4
9	23930	COLLAR 2.51X3.50X1.00 PC BLACK	4
10	141787CR	PIN 2.50X26.06 ZC	1
11	140345CR	PIN 2.50X18.19 ZC	2
12	1547	THRUST WASHER 2.51DIA UHMW .12THK	4
13	22216	SNAP RING INSIDE 2.50	2
14	C1592	ZERK 1/8 NPT STRAIGHT	4
15	0635	BUSHING BPC40DXR32 2.50X2.00	10
16	21496	ROLLER 2.50X4.00X3.81X6.00 PC YELLOW	2
17	58052	SET SCREW 0.50-13X0.50 W/ RED PATCH	1
18	0333	NUT 0.25-20 HHGR5 NYLOC	2
19	C0910	CAP SCR 0.25-20X2.75 HHGR5	2
20	52116	HOSE CLAMP LN 4213 PP	2
21	60777	HOSE CLAMP LN 4190 PA	2
REV. INITIAL RELEASE 202510			

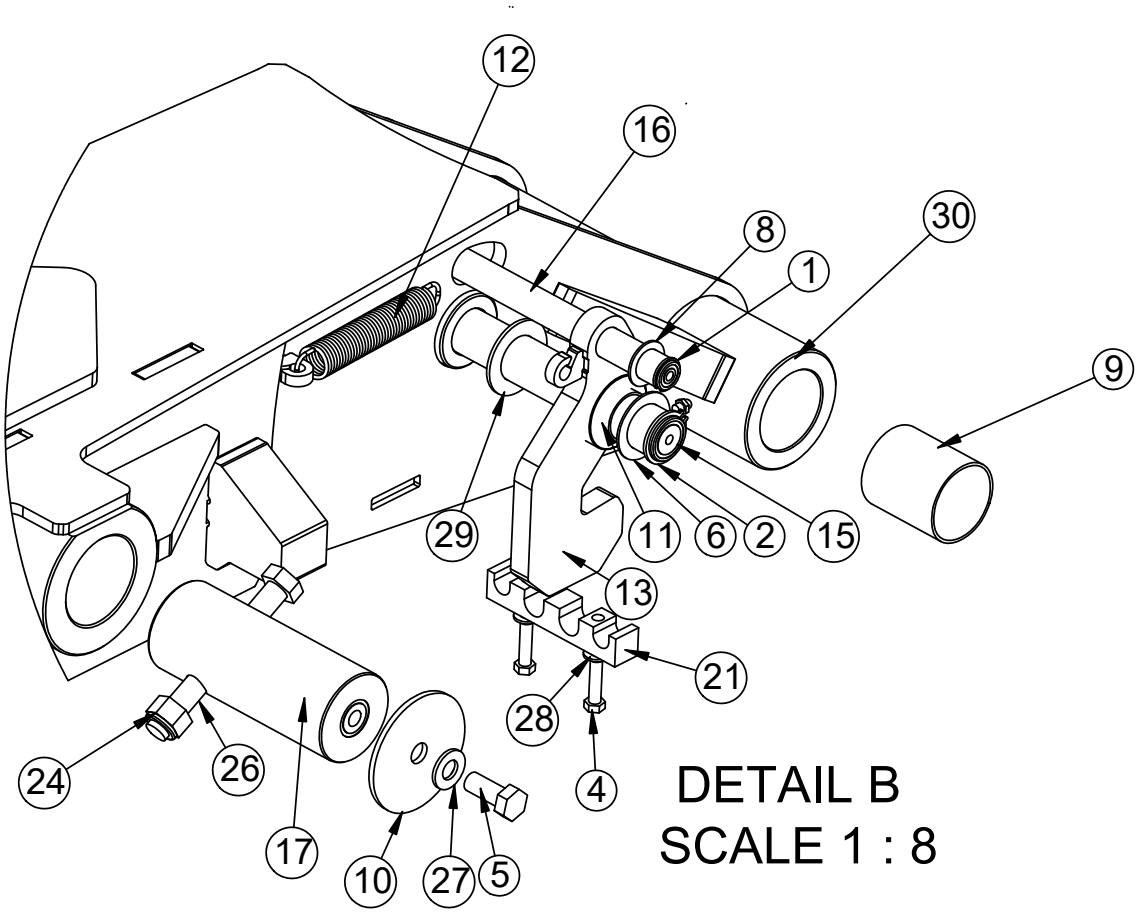
NXT30L Secondary Assembly - PN 140065



NXT30L Seconday Assembly - PN 140065 Parts List

PN 140065			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	0110	SNAP RING 1.00 ID 7200-100	2
2	0246	SNAP RING ID 7200 150	2
3	0343	WASHER 0.31 USS FLAT	7
4	0345	CAP SCR 0.38-16X1.50 HHGR5	2
5	0356	CAP SCR 0.63-11X1.50 HHGR8	2
6	0376	MACHY WASHER 1.50ID 14GA	2
7	0420	CAP SCR 0.31-18X0.75 HHGR5	2
8	0867	MACHY WASHER 1.00ID 14GA	2
9	5739	BUSHING BPC40DXR48 2.50X3.00	2
10	8597	PIN CAP 0.69X4.00X0.19 YZ	2
11	21810	BUSHING GSI-2426-12 1.50X0.75	2
12	54817	SPRING 1.00ODX0.125X4.50	2
13	113874	DUMP LATCH WLDMT SLIDER26 GEN3	2
14	114019	WEAR PAD 0.50X2.50 RND	4
15	139662CR	PIN 1.50X13.00 SR	1
16	139687CR	PIN 1.00X12.81 SR	1
17	139688CR	PIN 3.00X7.44 D&T W/HOLE ZP	2
18	140009	PLATE WEAR PAD COVER NXT24/30	1
19	140010	WEAR PAD 0.63IN NXT24/30 SECONDARY	2
20	140011	PLATE WEAR PAD COVER SEC NXT24/30	1
21	140044	CLAMP 4 HOSE NXT24/30	1
22	140066	SECONDARY NXT24/30L	1
23	140091	CYLINDER ASM DUAL NXT24/30L	1
24	C0538	NUT 0.75-10 HHGR8 NYLOC	2
25	C0922	CAP SCR 0.31-18X1.00 HHGR5	3
26	C1029	CAP SCR 0.75-10X6.00 HHGR8	2
27	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	2
28	C6353	WASHER 0.38 SAE FLAT YELLOW GR8	2
29	D0419	THRUST WASHER	2
30	C1592	ZERK 1/8 NPT STRAIGHT	3
31	140049	COLLAR 1.51X2.50X01.00 UHMW	2
REV. B			

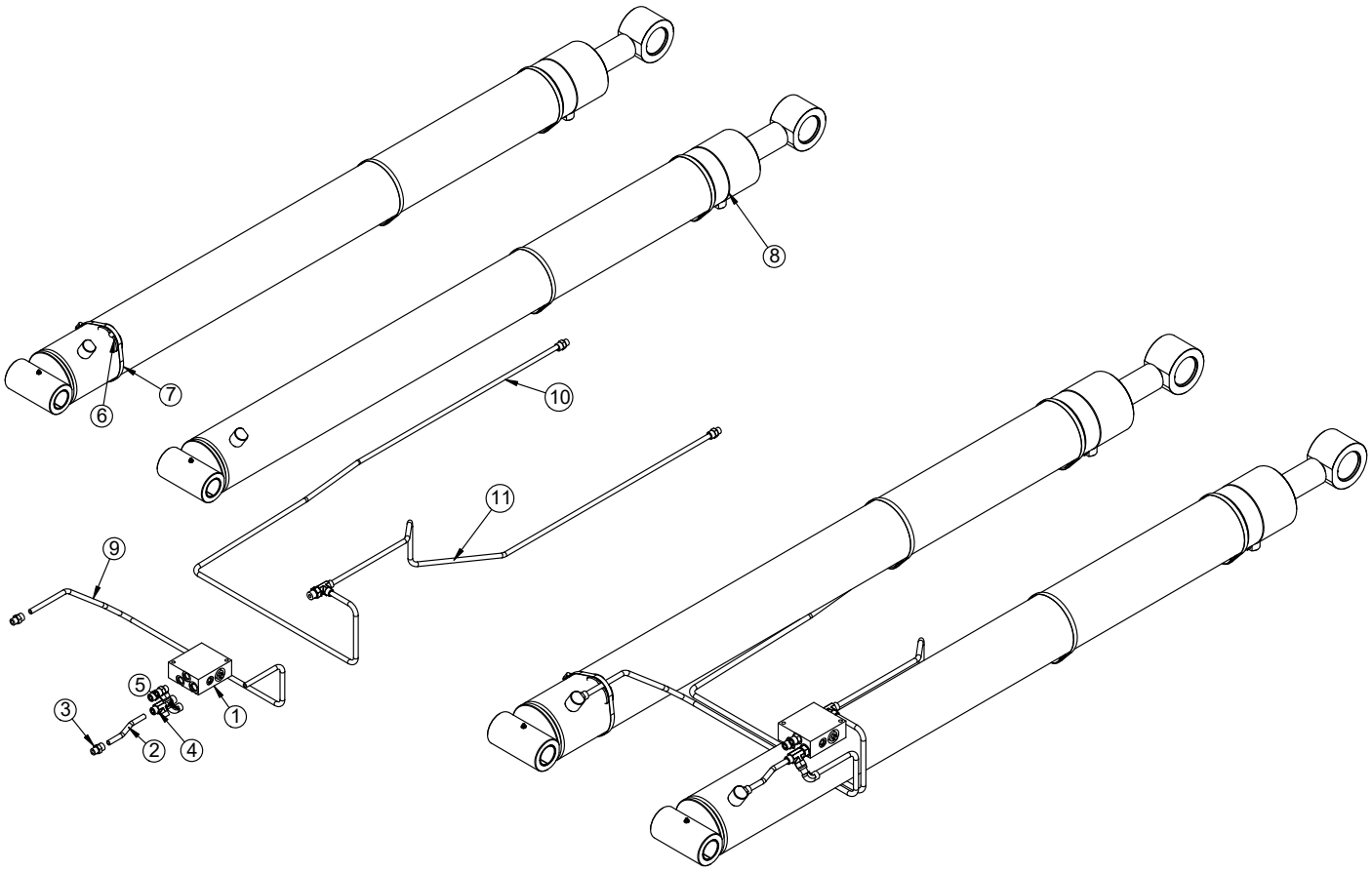
Secondary/Dump Latch Assembly Detail B - PN 140065



Secondary/Dump Latch Asm - PN 140065 Parts List

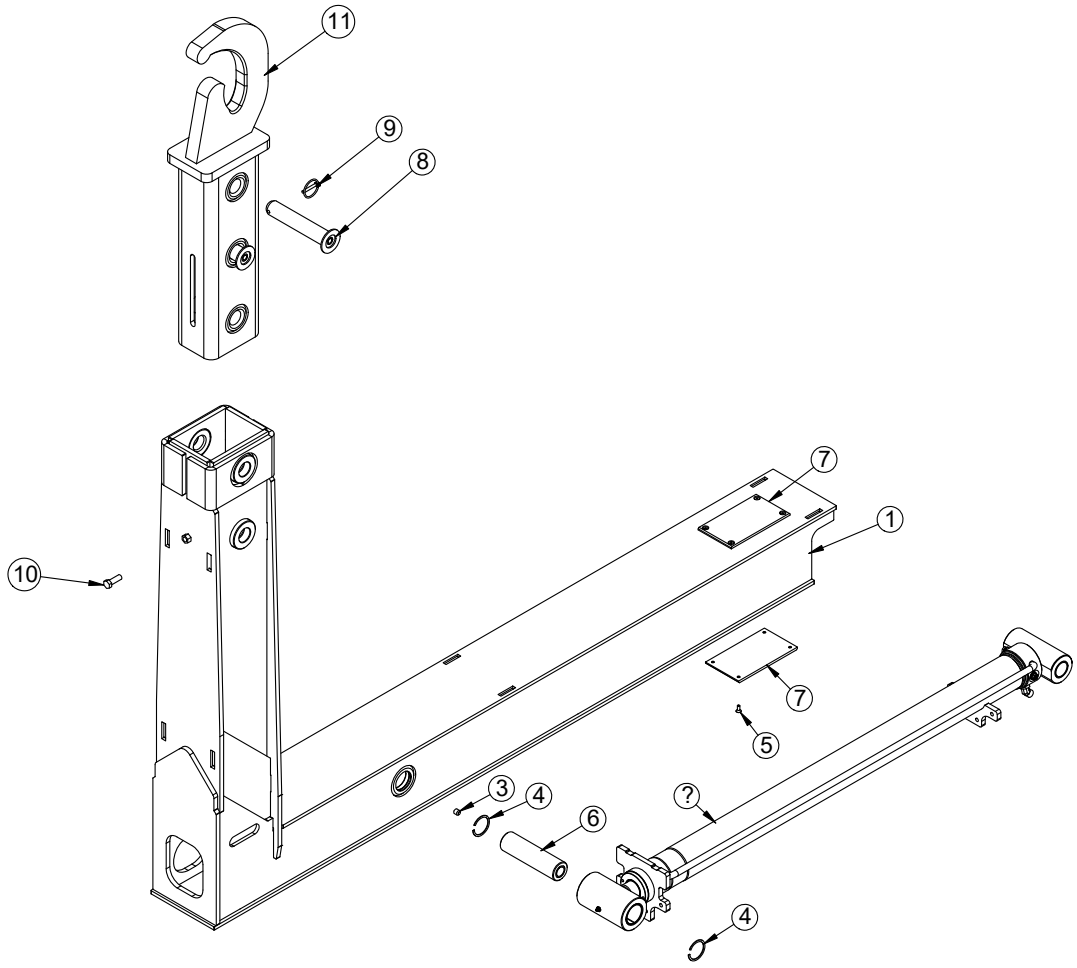
PN 140065			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	0110	SNAP RING 1.00 ID 7200-100	2
2	0246	SNAP RING ID 7200 150	2
4	0345	CAP SCR 0.38-16X1.50 HHGR5	2
5	0356	CAP SCR 0.63-11X1.50 HHGR8	2
6	0376	MACHY WASHER 1.50ID 14GA	2
8	0867	MACHY WASHER 1.00ID 14GA	2
9	5739	BUSHING BPC40DXR48 2.50X3.00	2
10	8597	PIN CAP 0.69X4.00X0.19 YZ	2
11	21810	BUSHING GSI-2426-12 1.50X0.75	2
12	54817	SPRING 1.00ODX0.125X4.50	2
13	113874	DUMP LATCH WLDMT SLIDER26 GEN3	2
15	139662CR	PIN 1.50X13.00 SR	1
16	139687CR	PIN 1.00X12.81 SR	1
17	139688CR	PIN 3.00X7.44 D&T W/HOLE ZP	2
21	140044	CLAMP 4 HOSE NXT24/30	1
24	C0538	NUT 0.75-10 HHGR8 NYLOC	2
26	C1029	CAP SCR 0.75-10X6.00 HHGR8	2
27	C5902	WASHER 0.63 SAE FLAT YELLOW GR8	2
28	C6353	WASHER 0.38 SAE FLAT YELLOW GR8	2
29	D0419	THRUST WASHER	2
30	C1592	ZERK 1/8 NPT STRAIGHT	3
REV. B 202510			

NXT30L Cylinder Assembly Dual - PN 140091



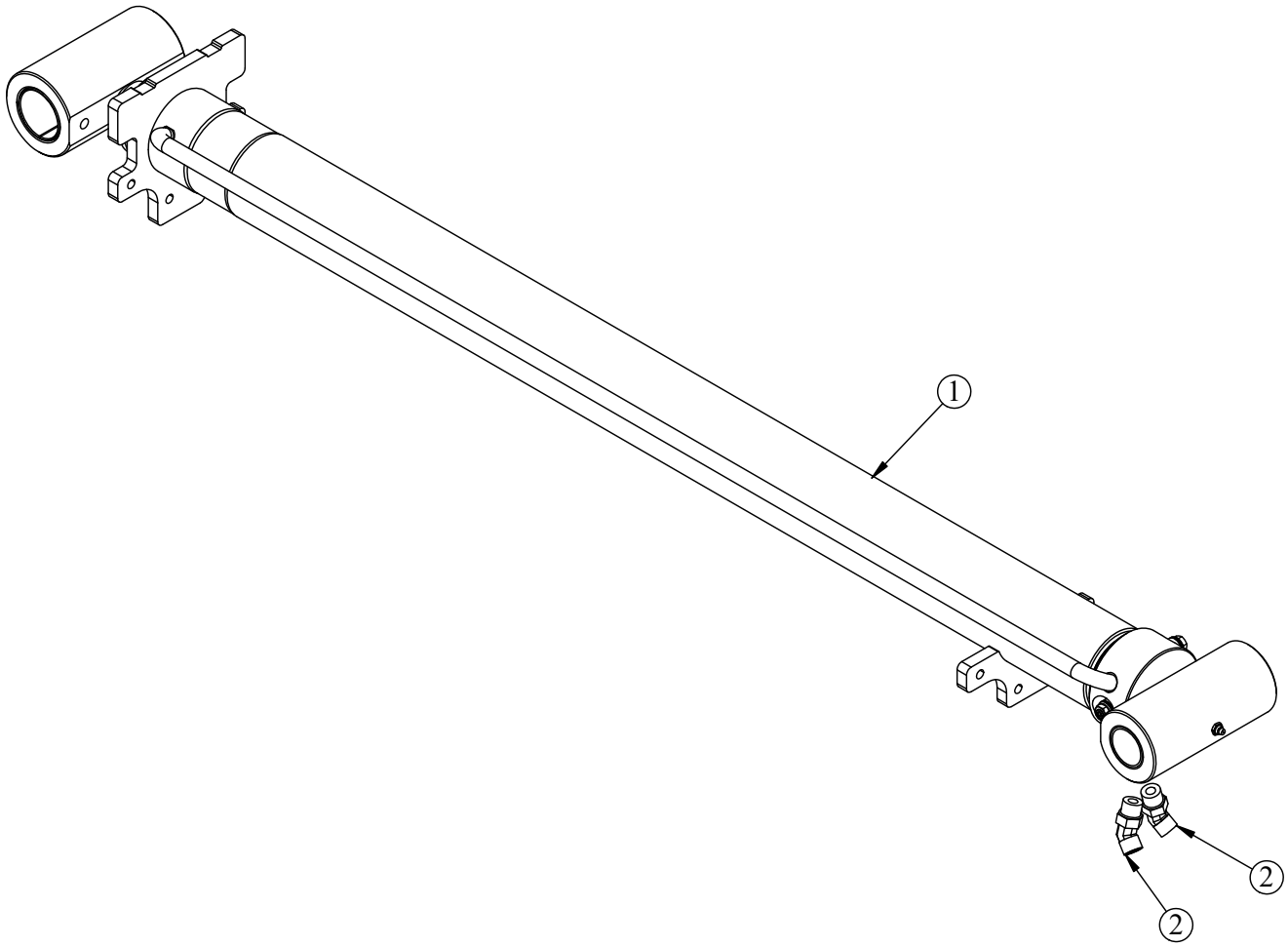
PN 140091			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	15995	MANIFOLD ASM DUAL T2A 5000PSI	1
2	53847	TUBE ASM 0.50X5.75 SLIDER 26 SS EXTEND YZ	1
3	1554	FTG 8-8 MFS-MORB STRAIGHT	6
4	37179	FTG 8-10-8 MFS-MAORB-MFS TEE	2
5	C2376	FTG 8-8 MFS-FFSS 90	1
6	18701	CLAMP PORT TUBE ZR518	5
7	19369	HOSE CLAMP 4.13-7.00 5416K38	5
8	140085	CYLINDER 5.50X91.25 REGEN	2
9	140047	TUBE ASM 0.50X19.96 NXT24/30 CS EXTEND YZ	1
10	141786	TUBE ASM 0.50X52.24 NXT24/30L CS RETRACT YZ	1
11	141785	TUBE ASM 0.50X60.44 NXT24/30L SS RETRACT YZ	1
REV. INITIAL RELEASE 202510			

NXT30L Jib Assembly - PN 143042



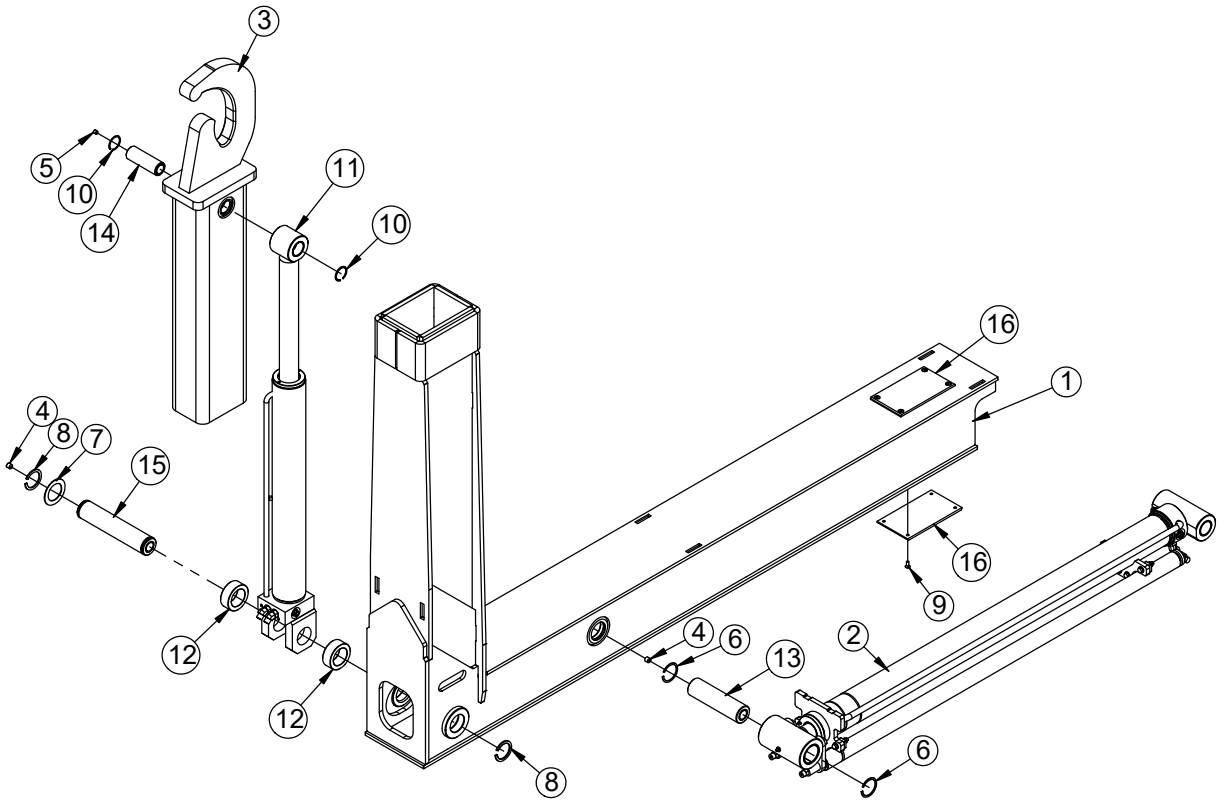
PN 143042			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	143043	JIB WLDMNT NXT24/30L 54/62HH	1
2	137937	CYLINDER ASM 3.00X42.00 NXT	1
3	58052	SET SCREW 0.50-13X0.50 W/ RED PATCH	1
4	2257	SNAP RING INSIDE 2.00	2
5	25741	CAP SCR 0.25-20X0.63 FHSH SS	8
6	140343CR	PIN 2.00X7.22 D&T ZC	1
7	114041	WEAR PAD SLIDER26 JIB GEN3	2
8	117599CR	PIN WLDMT 1.50X8.13	2
9	117616	PIN 0.25X1.63 LYNCH	2
10	10548	CAP SCR 0.50-13X1.50 HHGR8	1
11	143047	JIB TOP NXT24/30 MANUAL 54/62HH	1
REV. INITIAL RELEASE 202510			

NXT30L Cylinder Assembly - PN 137937



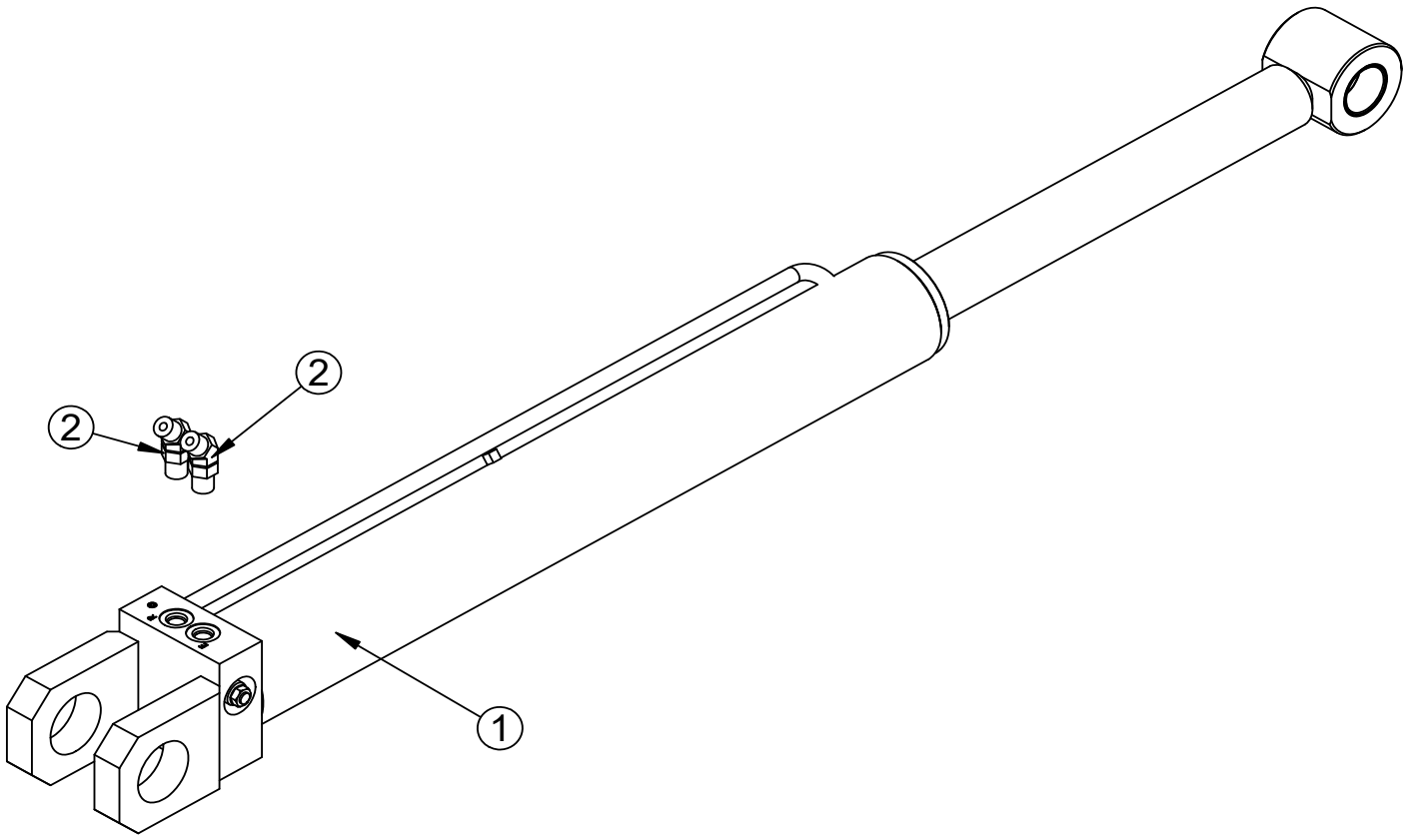
PN 137937			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	137938	CYLINDER 3.00X42.00 NXT	1
2	C1175	FTG 8-8 MFS-MAORB 45	2
REV. INITIAL RELEASE 202510			

NXT30L Jib Assembly - PN 140067



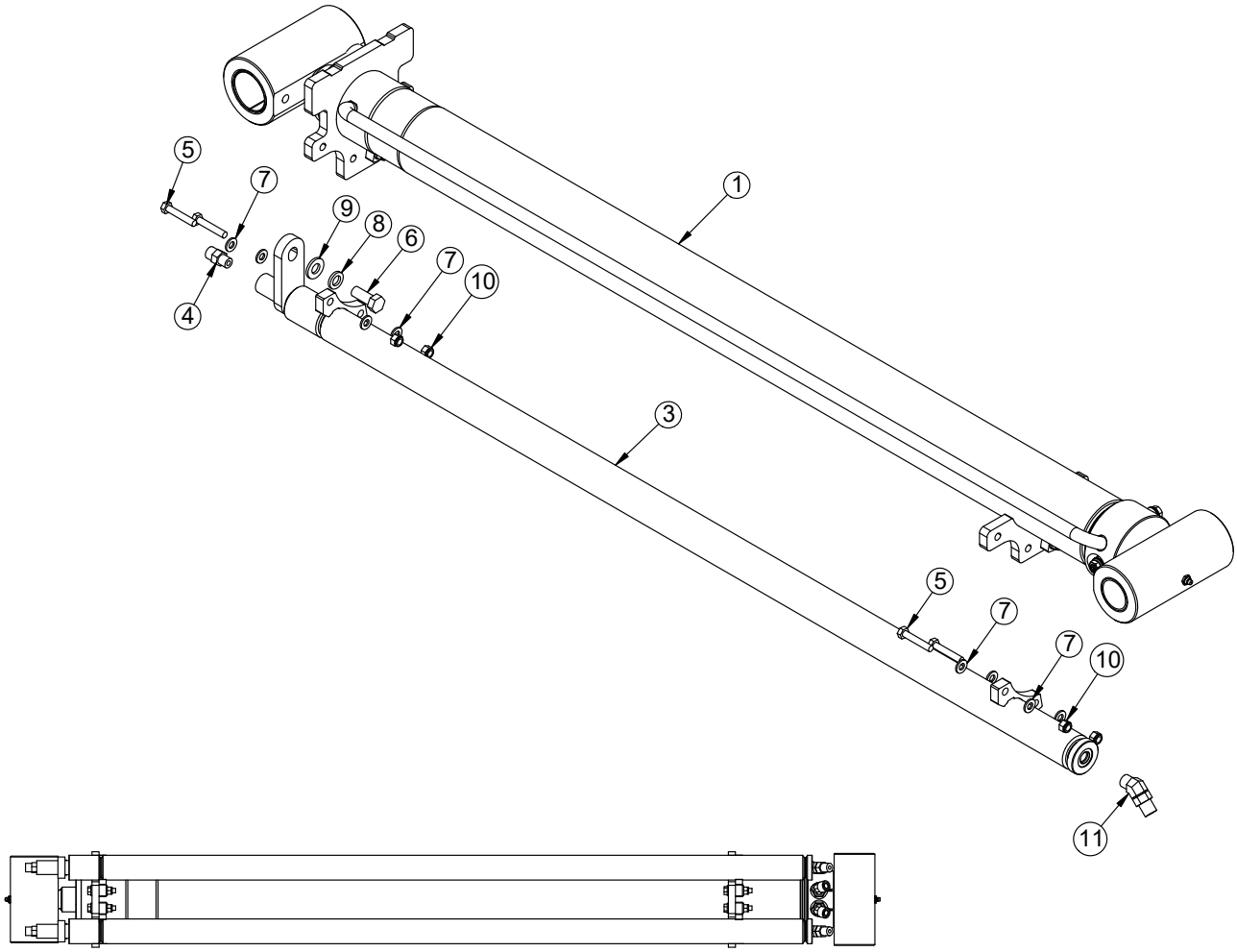
PN 140067			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	140068	JIB NXT 24/30L HH	1
2	137936	CYLINDER ASM NXT24/30M HYD	1
3	139209	JIB TOP NXT24/30 HYD	1
4	58052	SET SCREW 0.50-13X0.50 W/ RED PATCH	2
5	C3397	SET SCREW 0.38-16X0.38 W/ RED PATCH	1
6	2257	SNAP RING INSIDE 2.00	2
7	377	MACHY WASHER 2.00ID 14GA	2
8	108	SNAP RING 2.00 7200-200	2
9	25741	CAP SCR 0.25-20X0.63 FHSH SS	8
10	54129	SNAP RING INSIDE 1.50	2
11	140079	CYLINDER ASM 3.00X17.88 NXT24/30	1
12	89287	COLLAR 2.01X3.00X1.13 UHMW	2
13	140343CR	PIN 2.00X7.22 D&T ZC	1
14	54130CR	PIN 1.50X4.31 D&T	1
15	22220CR	PIN 2.00X9.75 SR ZC	1
16	114041	WEAR PAD SLIDER26 JIB GEN3	2
REV. INITIAL RELEASE 202510			

NXT30L Cylinder Assembly - PN 140079



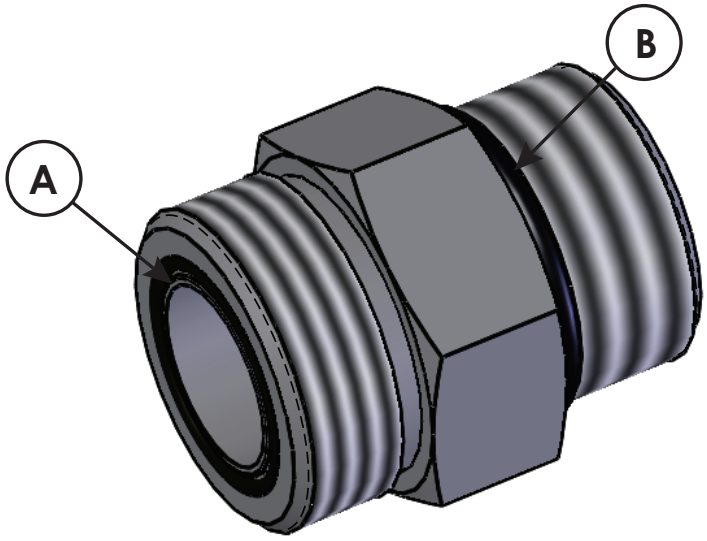
PN 140079			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	43506	CYLINDER 3.00X7.75	1
2	D1193	FTG 6-6 MFS-MAORB 45	2
REV. INITIAL RELEASE 202510			

NXT30L Cylinder Assembly - PN 137936



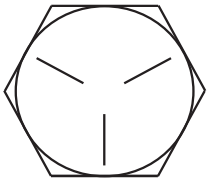
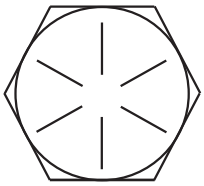
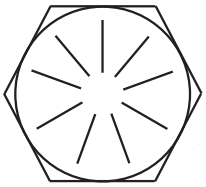
PN 137936			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	137937	CYLINDER ASM 3.00X42.00 NXT	1
2	137939	TUBE ASM TELESCOPIC 1.00X48.00	1
3	137939	TUBE ASM TELESCOPIC 1.00X48.00	1
4	0279	FTG 6-6 MFS-MORB STRAIGHT	2
5	0487	CAP SCR 0.31-18X1.75 HHGR5	8
6	0498	CAP SCR 0.50-13X1.25 HHGR5	2
7	5591	WASHER 0.31 SAE FLAT YELLOW GR8	16
8	0525	WASHER 0.50 LOCK	2
9	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	2
10	0342	NUT 0.31-18 HHGR5 NYLOC	8
11	D1193	FTG 6-6 MFS-MAORB 45	2
REV. INITIAL RELEASE 202510			

Face Seal / O-Ring Size Chart



HOSE SIZE	FITTING SIZE	FACE SEAL (A) STELLAR PART NUMBER	O-RING BOSS (B) STELLAR PART NUMBER
1/4”	#4	C2027	D1245
3/8”	#6	C2028	D1246
1/2”	#8	C2029	D1247
5/8”	#10	32223	D1248
3/4”	#12	D1244	D1249
1”	#16		D1250

Torque Data Chart

		GRADE 5		GRADE 8		GRADE 9
						
SIZE (DIA - TPI)	**BOLT DIA (INCHES)**	**PLAIN (FT-LB)**	**PLATED (FT-LB)**	**PLAIN (FT-LB)**	**PLATED (FT-LB)**	**PLATED (FT-LB)**
5/16-18	0.3125	17	13	25	18	22
3/8-16	0.3750	31	23	44	33	39
7/16-14	0.4375	49	37	70	52	63
1/2-13	0.5000	75	57	105	80	96
9/16-12	0.5625	110	82	155	115	139
5/8-11	0.6250	150	115	220	160	192
3/4-10	0.7500	265	200	375	280	340
7/8-9	0.8750	395	295	605	455	549
1-8	1.000	590	445	910	680	823
1 1/8-7	1.1250	795	595	1290	965	1167
1 1/4-7	1.2500	1120	840	1815	1360	1646
1 3/8-6	1.3750	1470	1100	2380	1780	2158
1 1/2-6	1.500	1950	1460	3160	2370	2865

Torquing Information & Warnings

⚠WARNING **When using the torque data in the chart, the following rules should be observed:**

- **Bolt manufacturer's** particular specifications should be consulted when provided.
- **Flat washers** of equal strength must be used.
- **All torque measurements** are given in foot-pounds. To convert to inch-pounds, multiply by 12.
- **Torque values** specified are for bolts with residual oils or no special lubricants* applied. If special lubricants of high stress ability, such as Never-Seez compound graphite and oil, molybdenum disulphite, colloidal copper or white lead are applied, multiply the torque values in the charts by the factor .90. The use of Loctite does not affect the torque values listed above.
- **Torque values** for socket-head capscrews are the same as for Grade 8 capscrews.
- **Do not use these values** if a different torque value or tightening procedure is given for a specific application. Torque values listed are for general use only. Check tightness of fasteners periodically.
- **Sheer bolts** are designed to fail under predetermined loads. Always replace shear bolts with identical grade.
- **Fasteners** should be replaced with the same or higher grade. If higher grade fasteners are used, these should only be tightened to the strength of the original.
- **Tighten** plastic insert or crimped steel-type lock nuts to approximately 110 percent of the dry torque values shown in the chart on page 8, applied to the nut, not to the bolt head. Tighten toothed or serrated-type lock nuts to the full torque value.

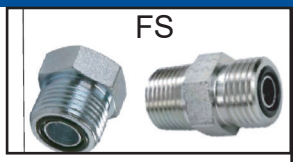
NOTICE ****Lubricated means coated with a lubricant such as engine oil, or fasteners with phosphate and oil coatings. "Dry" means plain or zinc plated without lubrication. Tighten lubricated bolts to approximately 80% of dry bolts.***

Fittings

Flat Face O-Ring Seal - FFORX

HOSE FITTING ONLY





SIZE	THREAD SIZE	LB-FT TORQUE
-4	9/16-18 UNF	21
-5	5/8-18 UNF	25
-6	11/16-16 UN	40
-8	13/16-16 UN	46
-10	1-14 UNS	50
-12	1-3/16-12 UN	75
-16	1-7/16-12 UN	104
-20	1-11/16-12 UN	141
-24	2-12 UN	166
-32	2-1/2-12 UN	423

SAE 37º JIC

HOSE FITTING & FEMALE SWIVEL FITTINGS





SIZE	THREAD SIZE	LB-FT TORQUE
-2	5/16-24 UNF	7
-3	3/8-24UNF	9
-4	9/16-18 UNF	13
-5	5/8-18 UNF	16
-6	11/16-16 UN	20
-8	13/16-16 UN	41
-10	1-14 UNS	64
-12	1-3/16-12 UN	89
-16	1-7/16-12 UN	122
-20	1-11/16-12 UN	143
-24	2-12 UN	178
-32	2-1/2-12 UN	275

Fittings - Continued

O-Ring Boss

HYDRAULIC FITTING ONLY





-SIZE	THREAD SIZE	LB-FT TORQUE	
-4	7/16-20 UNF	15	23
-6	9/16-18 UNF	24	32
-8	3/4-16 UNF	40	55
-10	7/8-14 UNF	61	76
-12	1-1/16-12 UN	101	116
-16	1-5/16-12 UN	120	119
-20	1/5/8-12 UN	125	125
-24	1-7/8-12 UN	140	140
-32	2-1/2-12 UN	157	157

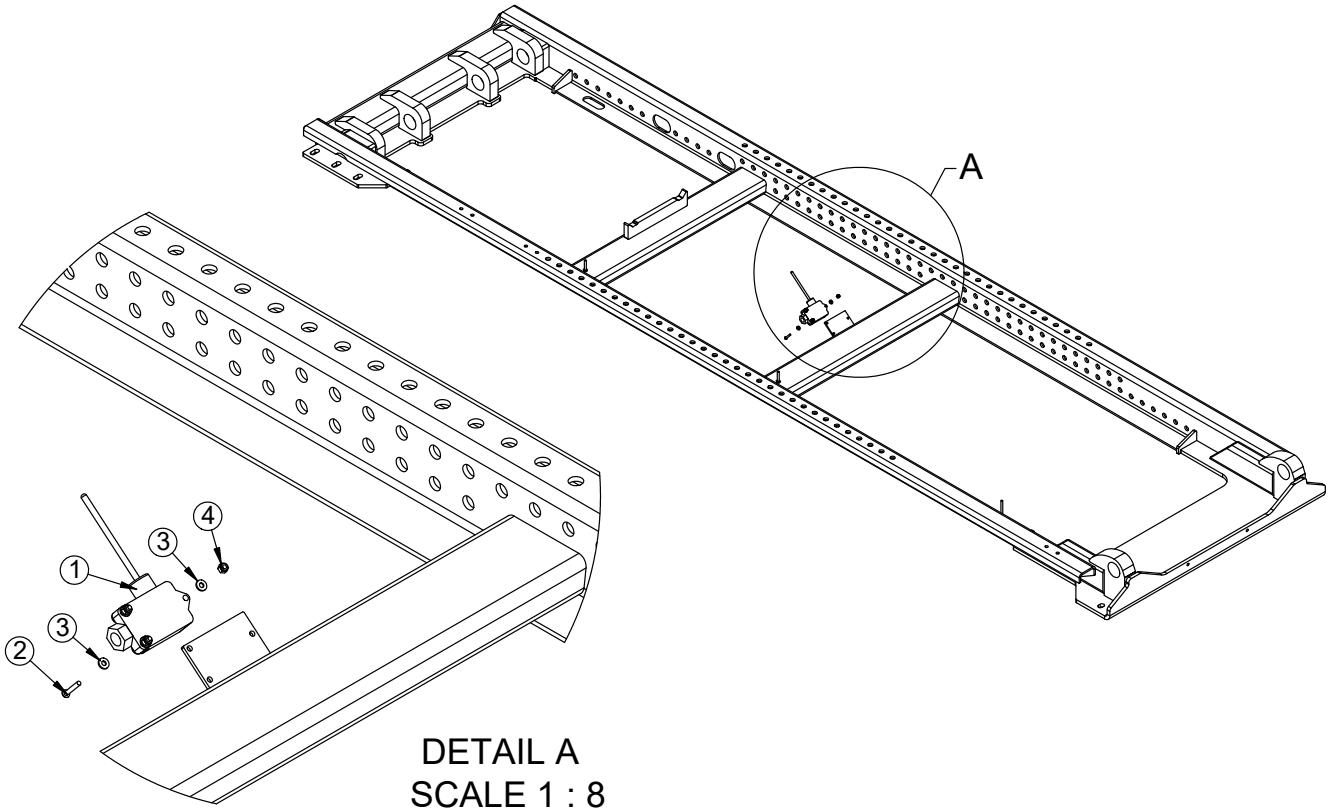
Face Seal Female Swivel Fittings

HYDRAULIC FITTING ONLY

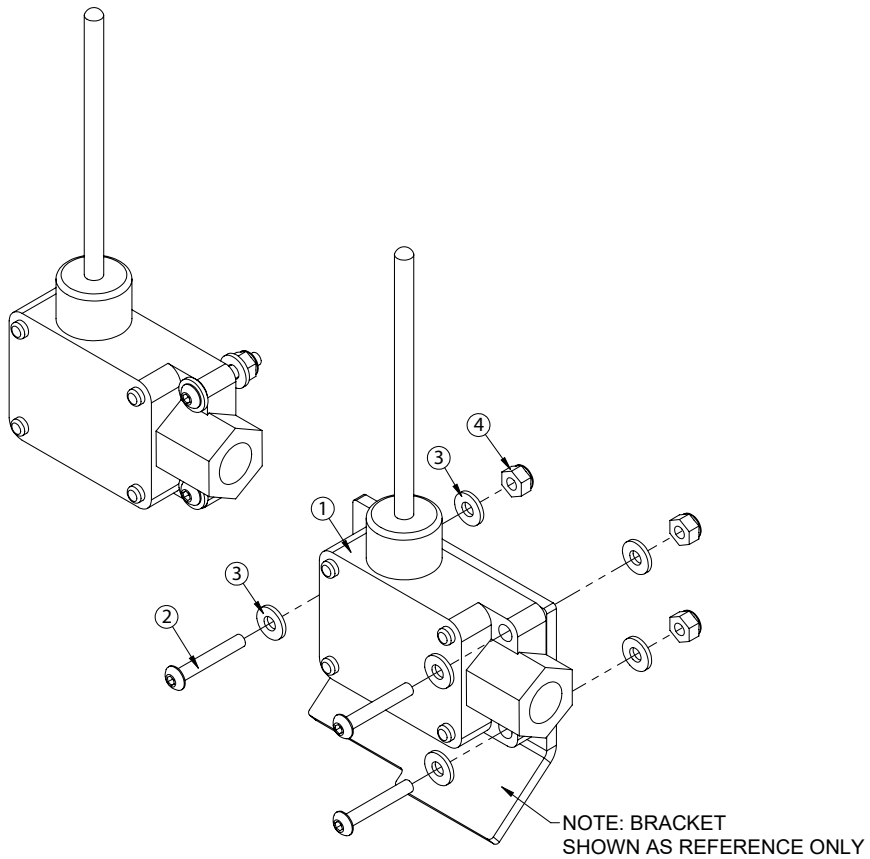


-SIZE	THREAD SIZE	LB-FT TORQUE
-4	9/16-18 UNF	13
-6	11/16-16 UN	23
-8	13/16-16 UN	40
-10	1-14 UNS	61
-12	1-3/16-12 UN	86
-16	1-7/16-12 UN	119
-20	1-11/16-12 UN	125
-24	2-12 UN	140

Raised Hoist Indicator Light Kit - PN 127153



DETAIL A
SCALE 1 : 8



Raised Hoist Indicator Light Kit - PN 127153 Parts List

PN 127153			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	127000	SWITCH ASM HOIST UP NXT	1
2	30472	CAP SCR #10-24X1.25 BTNHD SS	3
3	D0178	WASHER #10 SAE FLAT	6
4	26034	NUT #10-24 HH NYLOC	3

NOTES:
SEE CONTROLLER ASSEMBLY FOR WIRING.
FOR REFERENCE:

- **GREEN TO IGNITION**
- **BLACK TO BODY DN**
- **WHITE TO BODY UP**

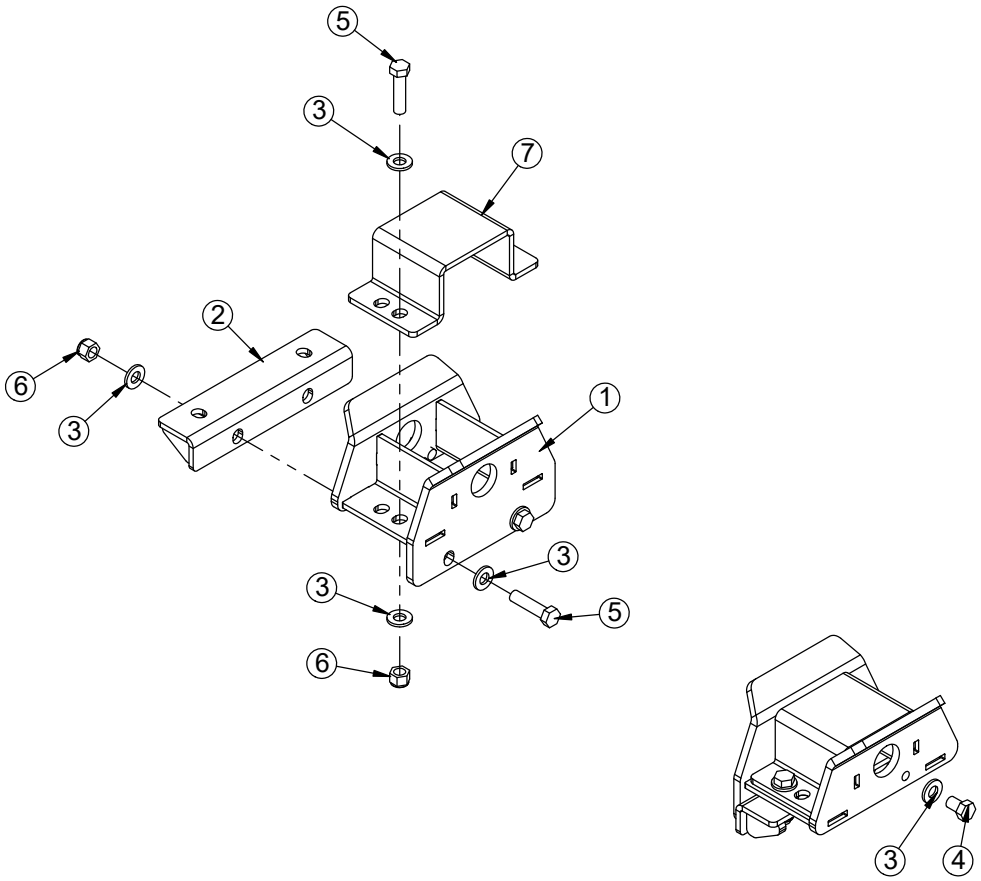
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Chapter 5 - Accessory Drawings

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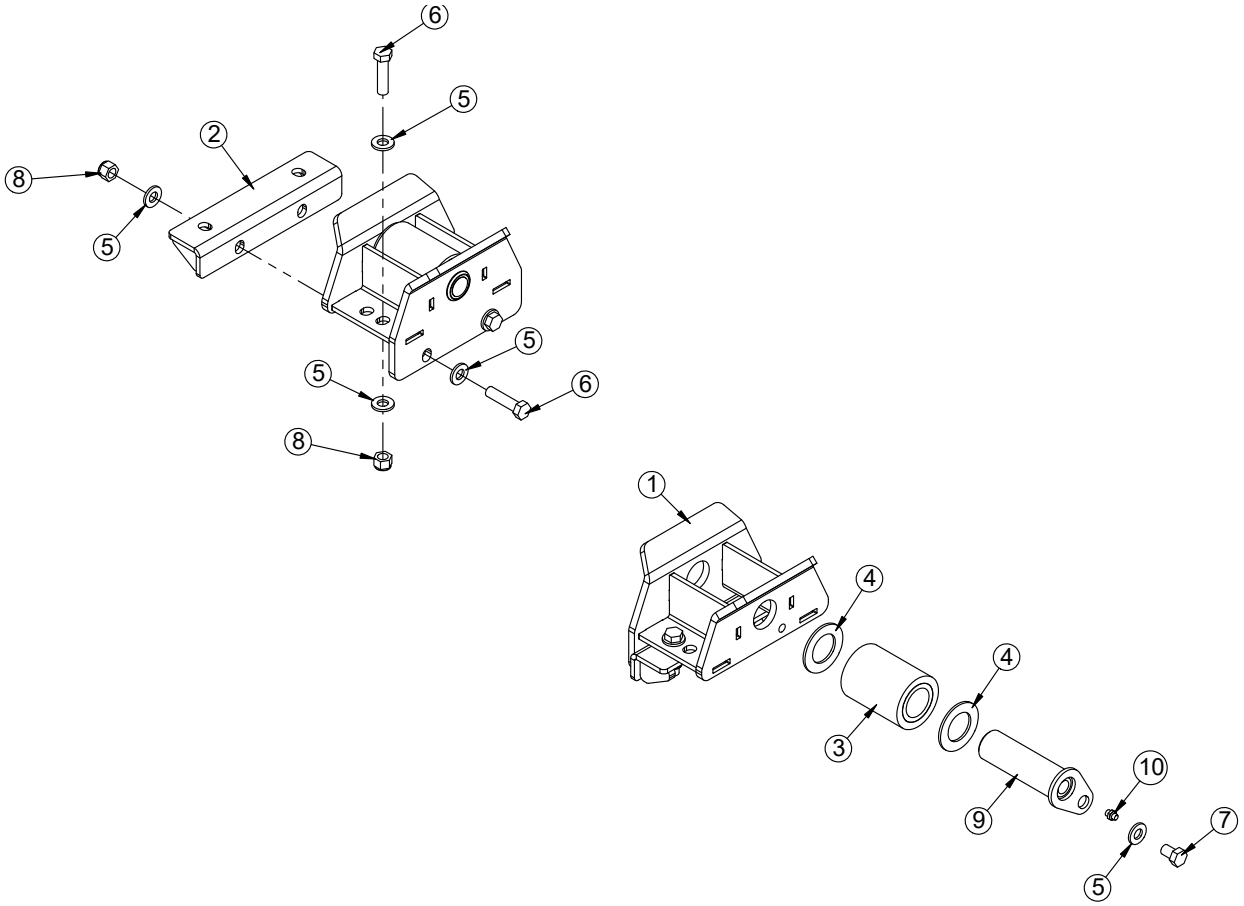
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Saddle Assembly Skid Plate - PN 123771



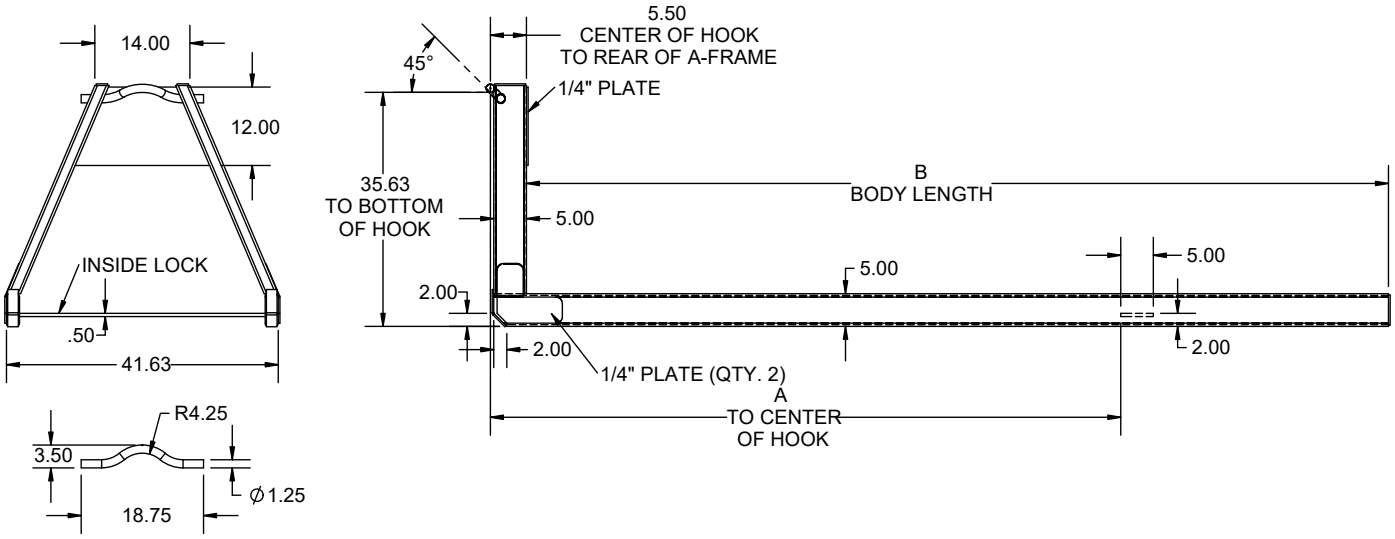
PN 123771			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	122664	WLDMT SADDLE CARRIAGE NXT18	2
2	122983	WLDMT SADDLE SUPPORT NXT18	2
3	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	18
4	9844	CAP SCR 0.50-13X0.75 HHGR8	2
5	8833	CAP SCR 0.50-13X2.00 HHGR8	8
6	5468	NUT 0.50-13 HHGR8 NYLOC	8
7	123774	FORMED SADDLE WEAR PLATE NXT18	2
REV. B 20251015			

Saddle Assembly Roller - PN 124210



PN 124210			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	122664	WLDMT SADDLE CARRIAGE NXT18	2
2	122983	WLDMT SADDLE SUPPORT NXT18	2
3	124209	ROLLER ASM 1.50X2.75X3.69	2
4	D0419	THRUST WASHER	4
5	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	18
6	8833	CAP SCR 0.50-13X2.00 HHGR8	8
7	9844	CAP SCR 0.50-13X0.75 HHGR8	2
8	5468	NUT 0.50-13 HHGR8 NYLOC	8
9	123773CR	PIN TEAR DROP 1.50X4.94 W/ZERK ZC	2
10	C1592	ZERK 1/8 NPT STRAIGHT	2
REV. C 20251015			

NXT30 36” HH Skids

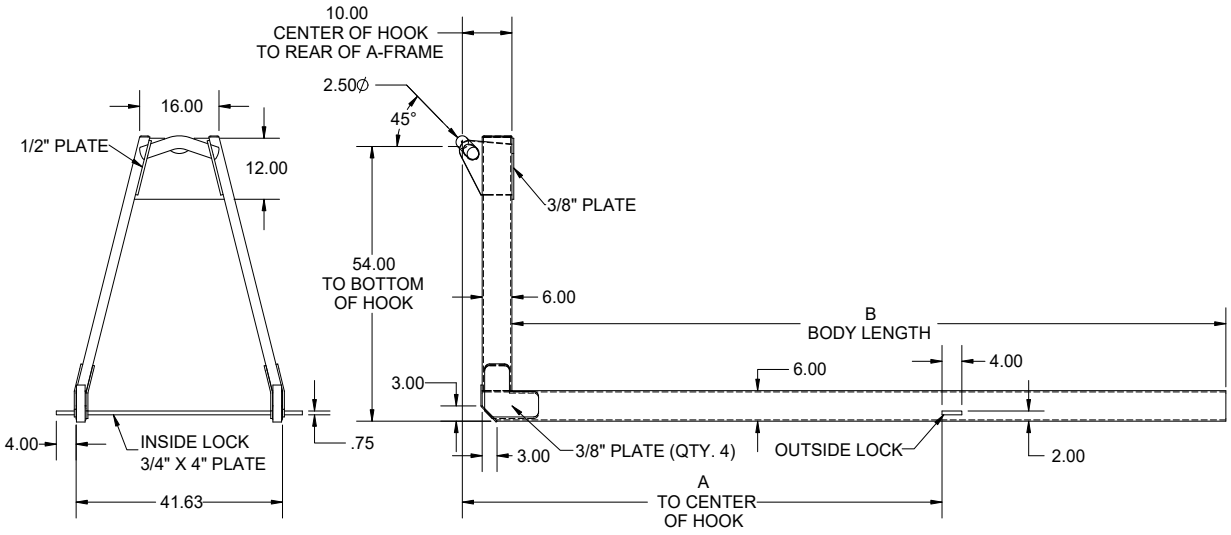


PART NO.	NXT30S	A	B
8246	SKID 36” HH 5X2 10’ 96.5” INSIDE LOCK	96.5	120
132926	SKID 36” HH 5X2 11’ 96.5” INSIDE LOCK	96.5	132
8248	SKID 36” HH 5X2 12’ 96.5” INSIDE LOCK	96.5	144
8547	SKID 36” HH 5X2 13’ 96.5” INSIDE LOCK	96.5	156
132927	SKID 36” HH 5X2 14’ 110” INSIDE LOCK	110	168
REV. INITIAL RELEASE			

PART NO.	NXT30M	A	B
8248	SKID 36” HH 5X2 12’ 96.5” INSIDE LOCK	96.5	144
8547	SKID 36” HH 5X2 13’ 96.5” INSIDE LOCK	96.5	156
132927	SKID 36” HH 5X2 14’ 110” INSIDE LOCK	110	168
8551	SKID 36” HH 5X2 15’ 110” INSIDE LOCK	110	180
REV. INITIAL RELEASE			

NOTE:
DRAWING FOR DIMENSIONAL PURPOSES ONLY.

NXT30 54” HH Skids

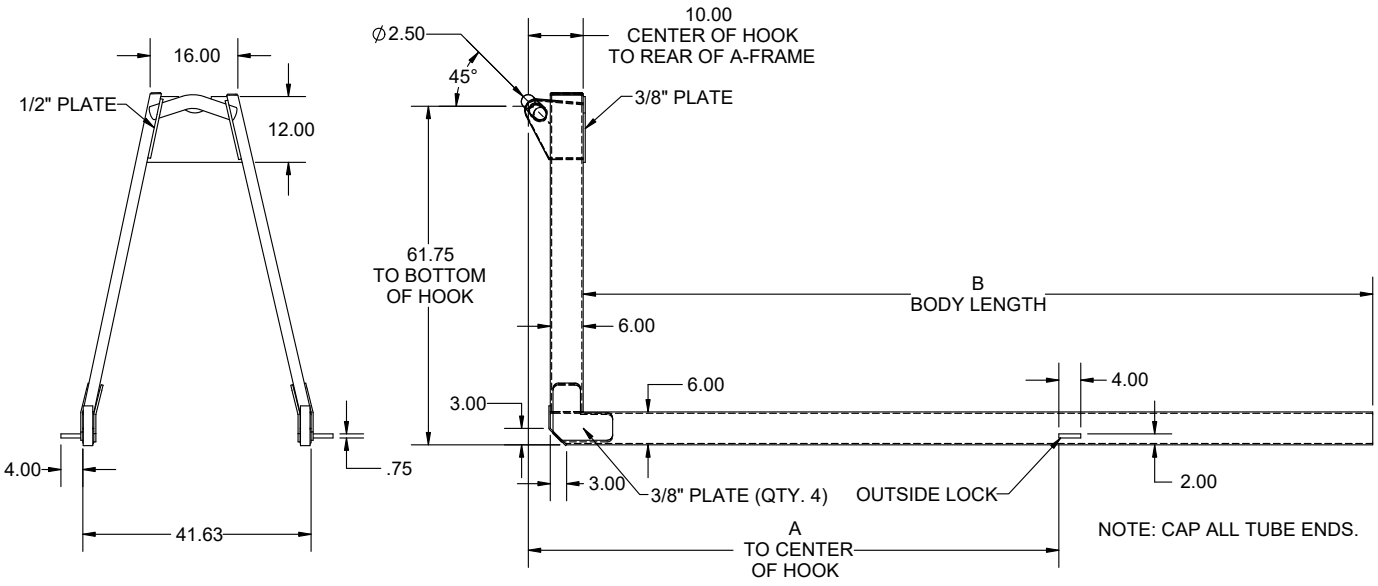


PART NO.	NXT30S	A	B
8559	SKID 54” HH 6X2 10’ 97.25” INSIDE LOCK	97.25	120
8560	SKID 54” HH 6X2 11’ 97.25” INSIDE LOCK	97.25	132
139773	SKID 54” HH 6X2 11’ 110” OUTSIDE LOCK	110	132
132689	SKID 54” HH 6X2 12’ 97.25” INSIDE LOCK	97.25	144
132924	SKID 54” HH 6X2 12’ 120” OUTSIDE LOCK	120	144
132690	SKID 54” HH 6X2 13’ 97.25” INSIDE LOCK	97.25	156
132925	SKID 54” HH 6X2 13’ 120” OUTSIDE LOCK	120	156
138517	SKID 54” HH 6X2 14’ 110” INSIDE LOCK	110	168
REV. INITIAL RELEASE			

PART NO.	NXT30M	A	B
132689	SKID 54” HH 6X2 12’ 97.25” INSIDE LOCK	97.25	144
132924	SKID 54” HH 6X2 12’ 120” OUTSIDE LOCK	120	144
132690	SKID 54” HH 6X2 13’ 97.25” INSIDE LOCK	97.25	156
132925	SKID 54” HH 6X2 13’ 120” OUTSIDE LOCK	120	156
138517	SKID 54” HH 6X2 14’ 110” INSIDE LOCK	110	168
136863	SKID 54” HH 6X2 15’ 110” INSIDE LOCK	110	180
8564	SKID 54” HH 6X2 15’ 146” INSIDE LOCK	146	180

PART NO.	NXT30L	A	B
132690	SKID 54” HH 6X2 13’ 97.25” INSIDE LOCK	97.25	156
132925	SKID 54” HH 6X2 13’ 120” OUTSIDE LOCK	120	156
8563	SKID 54” HH 6X2 14’ 97.25” INSIDE LOCK	97.25	168
138517	SKID 54” HH 6X2 14’ 110” INSIDE LOCK	110	168
139776	SKID 54” HH 6X2 14’ 110” OUTSIDE LOCK	110	168
136863	SKID 54” HH 6X2 15’ 110” INSIDE LOCK	110	180
139777	SKID 54” HH 6X2 15’ 110” OUTSIDE LOCK	110	180
8564	SKID 54” HH 6X2 15’ 146” INSIDE LOCK	146	180
8565	SKID 54” HH 6X2 16’ 156” OUTSIDE LOCK	156	192
8566	SKID 54” HH 6X2 17’ 156” OUTSIDE LOCK	156	204
8567	SKID 54.00HH 6X2 18’ 156” OUTSIDE LOCK	156	216

NXT 62” HH Skids

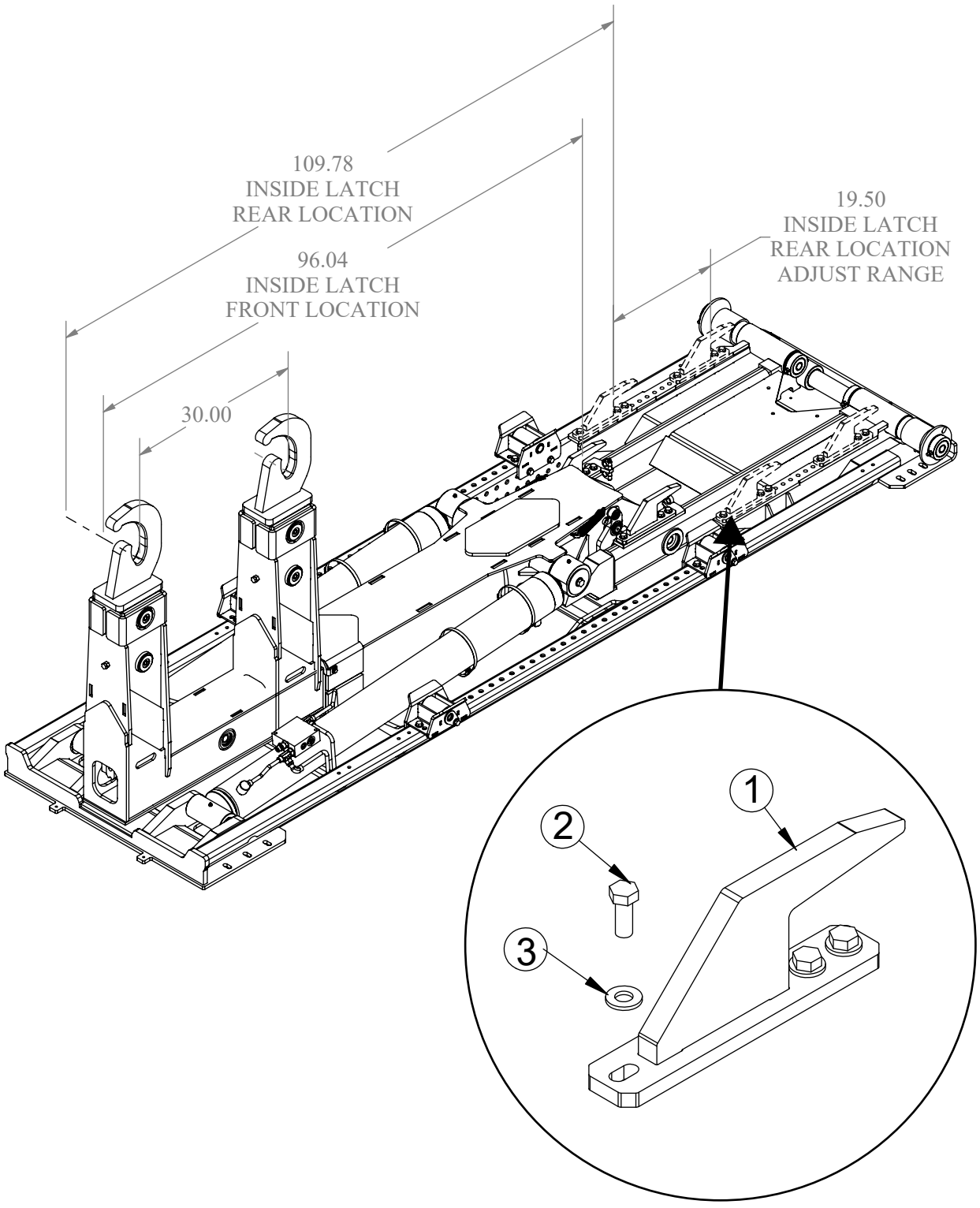


PART NO.	NXT30M	A	B
8571	SKID 62” HH 5X2 12’ 110” OUTSIDE LOCK	110	144
8572	SKID 62” HH 6X2 13’ 110” OUTSIDE LOCK	110	156
8573	SKID 62” HH 6X2 14’ 110” OUTSIDE LOCK	110	168
8574	SKID 62” HH 6X2 15’ 110” OUTSIDE LOCK	110	180

PART NO.	NXT30L	A	B
8571	SKID 62” HH 5X2 12’ 110” OUTSIDE LOCK	110	144
8572	SKID 62” HH 6X2 13’ 110” OUTSIDE LOCK	110	156
8573	SKID 62” HH 6X2 14’ 110” OUTSIDE LOCK	110	168
8574	SKID 62” HH 6X2 15’ 110” OUTSIDE LOCK	110	180
8575	SKID 62” HH 6X2 16’ 156” OUTSIDE LOCK	156	192
8576	SKID 62” HH 6X2 17’ 156” OUTSIDE LOCK	156	204
8577	SKID 62” HH 6X2 18’ 156” OUTSIDE LOCK	156	216

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NXT30S Inside Latch Assembly

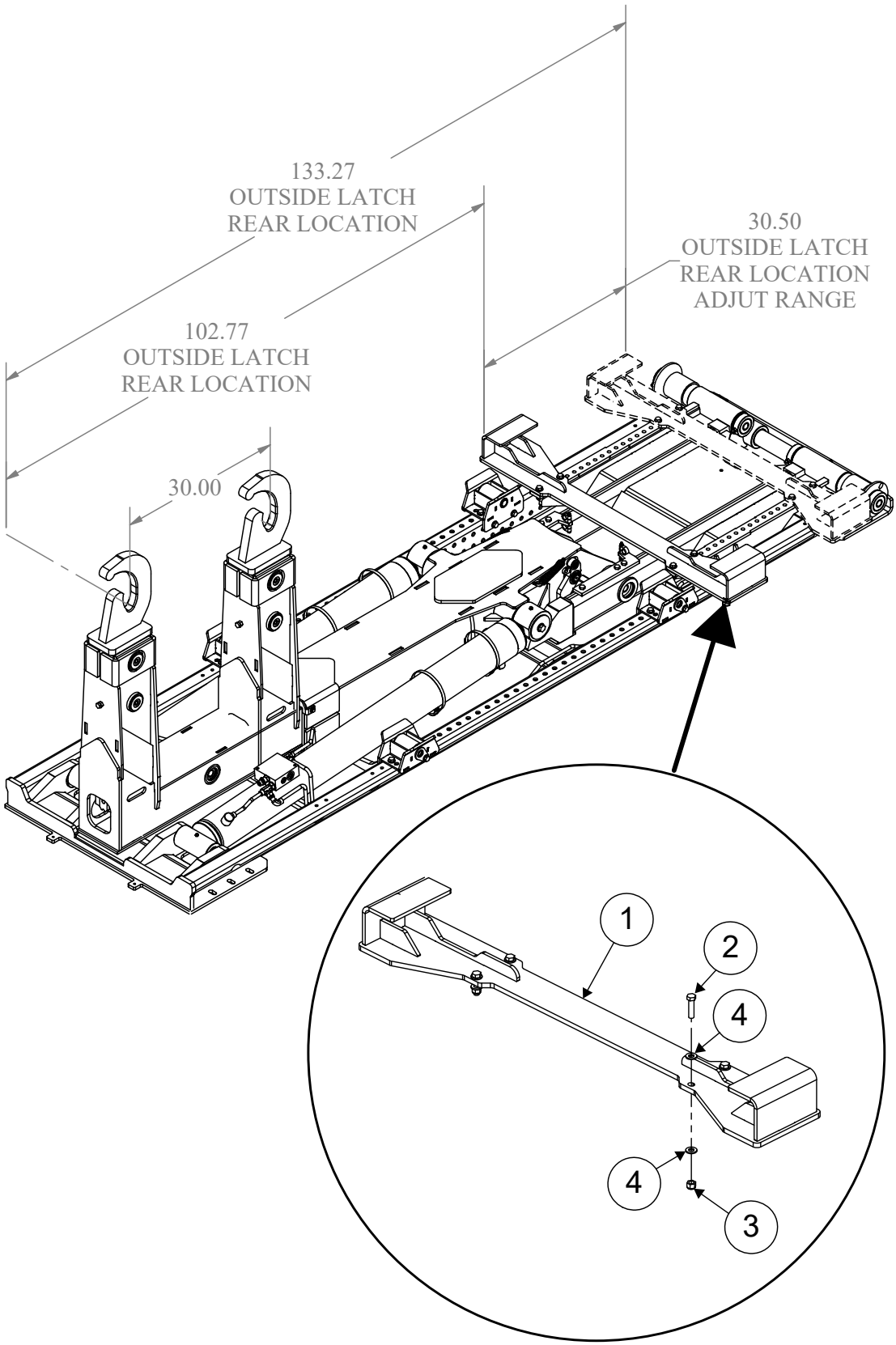


NXT30S Inside Latch Assembly Parts List

PN 123445			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	123256	LATCH INSIDE NXT30 BOLT ON	2
2	10666	CAP SCR 0.50-13X1.25 HHGR8	6
3	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	6

ITEMS NOT SHOWN*		
PART	**DESCRIPTION**	**QTY**
8833	CAP SCR 0.50-13X2.00 HHGR8	6
5468	NUT 0.50-13 HHGR8 NYLOC	6
D0790	WASHER 0.50 SAE FLAT YELLOW GR8	6

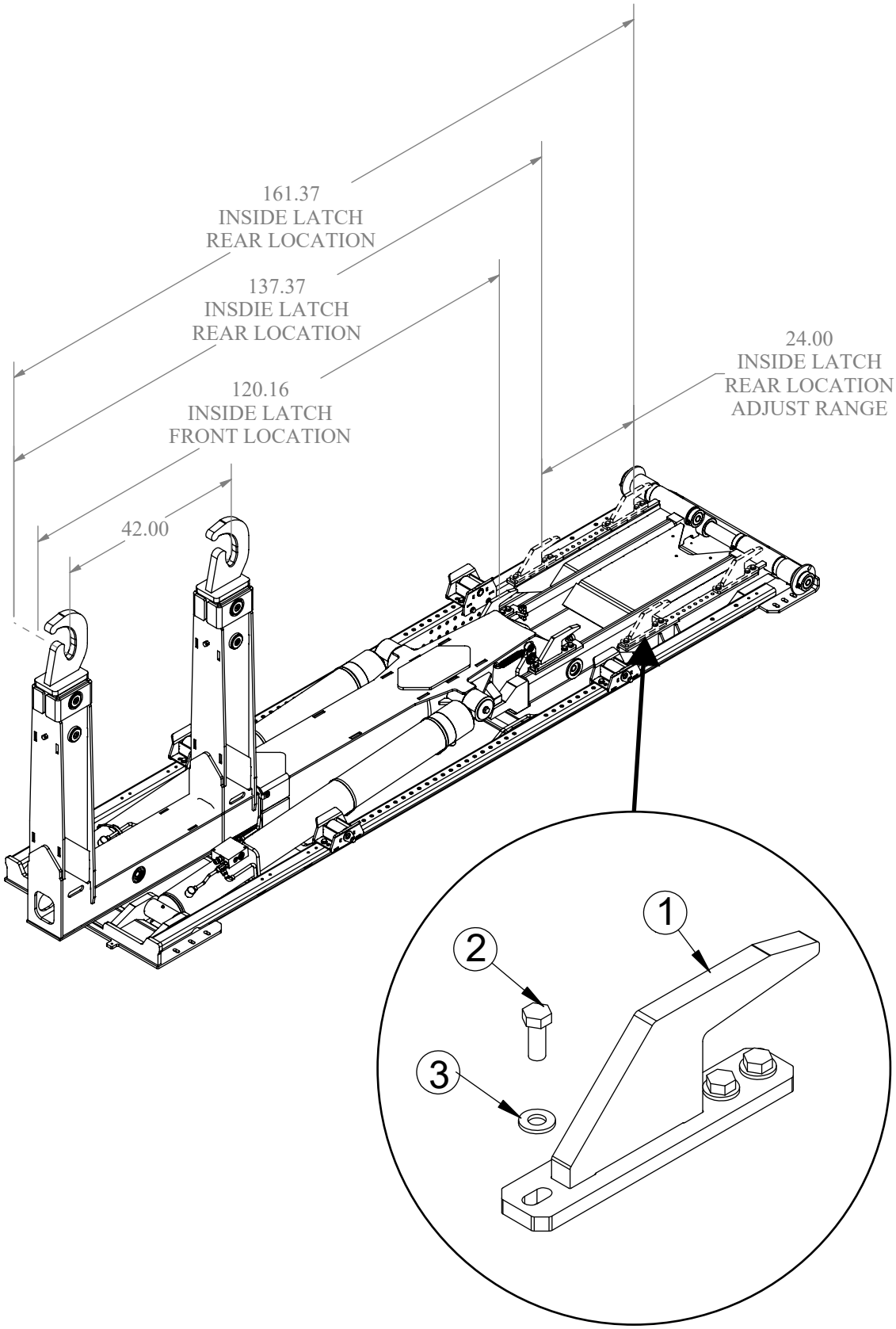
NXT30S Outside Latch Assembly



NXT30S Outside Latch Assembly Parts List

ITEM	PART	DESCRIPTION	QTY
1	123197	LATCH WLDMT OUTSIDE NXT30 BOLT ON	1
2	8833	CAP SCR 0.50-13X2.00 HHGR8	4
3	5468	NUT 0.50-13 HHGR8 NYLOC	4
4	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	8
REV. A			

NXT30M Inside Latch Assembly

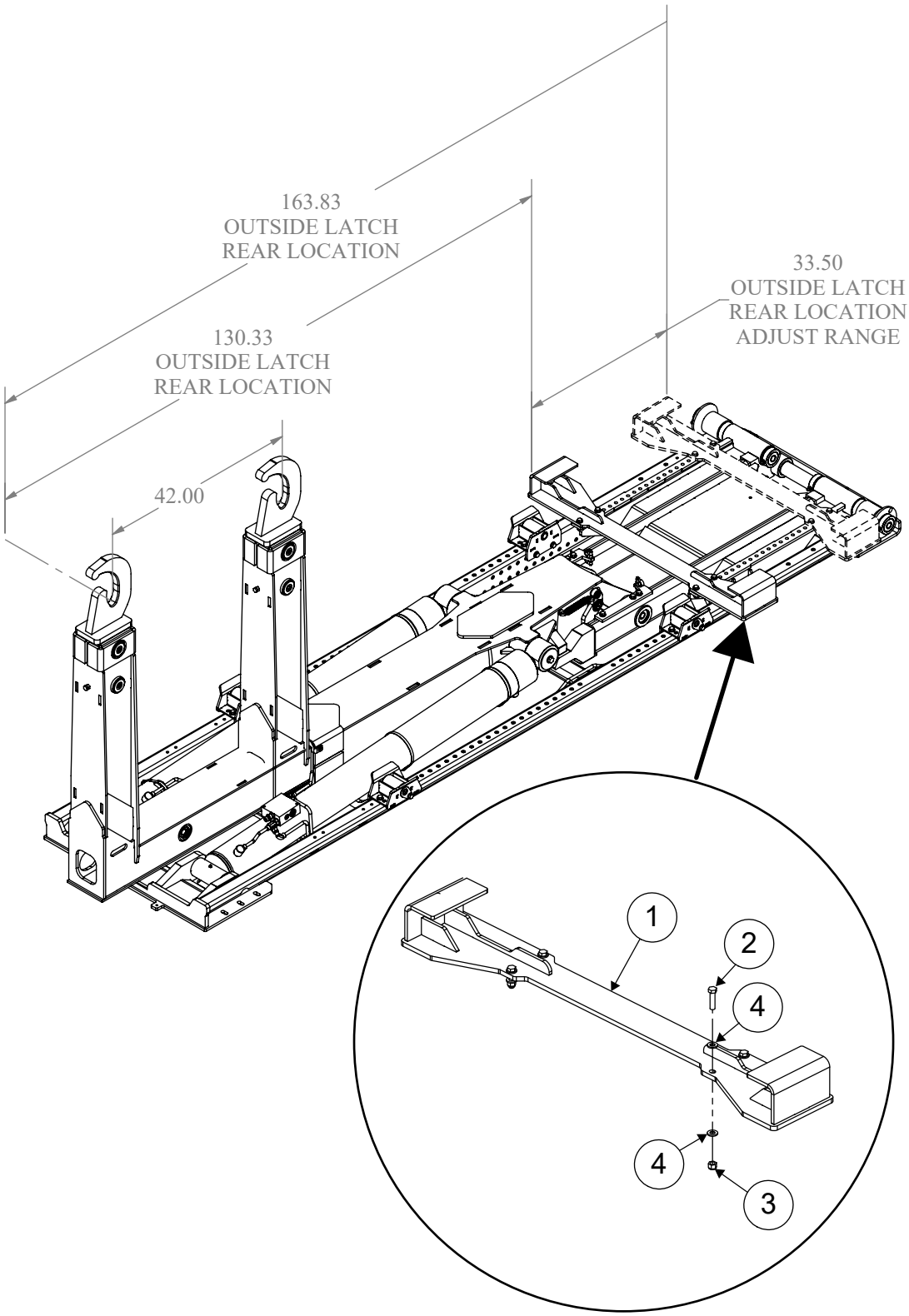


NXT30M Inside Latch Assembly Parts List

PN 123445			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	123256	LATCH INSIDE NXT30 BOLT ON	2
2	10666	CAP SCR 0.50-13X1.25 HHGR8	6
3	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	6

ITEMS NOT SHOWN		
PART	**DESCRIPTION**	**QTY**
8833	CAP SCR 0.50-13X2.00 HHGR8	6
5468	NUT 0.50-13 HHGR8 NYLOC	6
D0790	WASHER 0.50 SAE FLAT YELLOW GR8	6

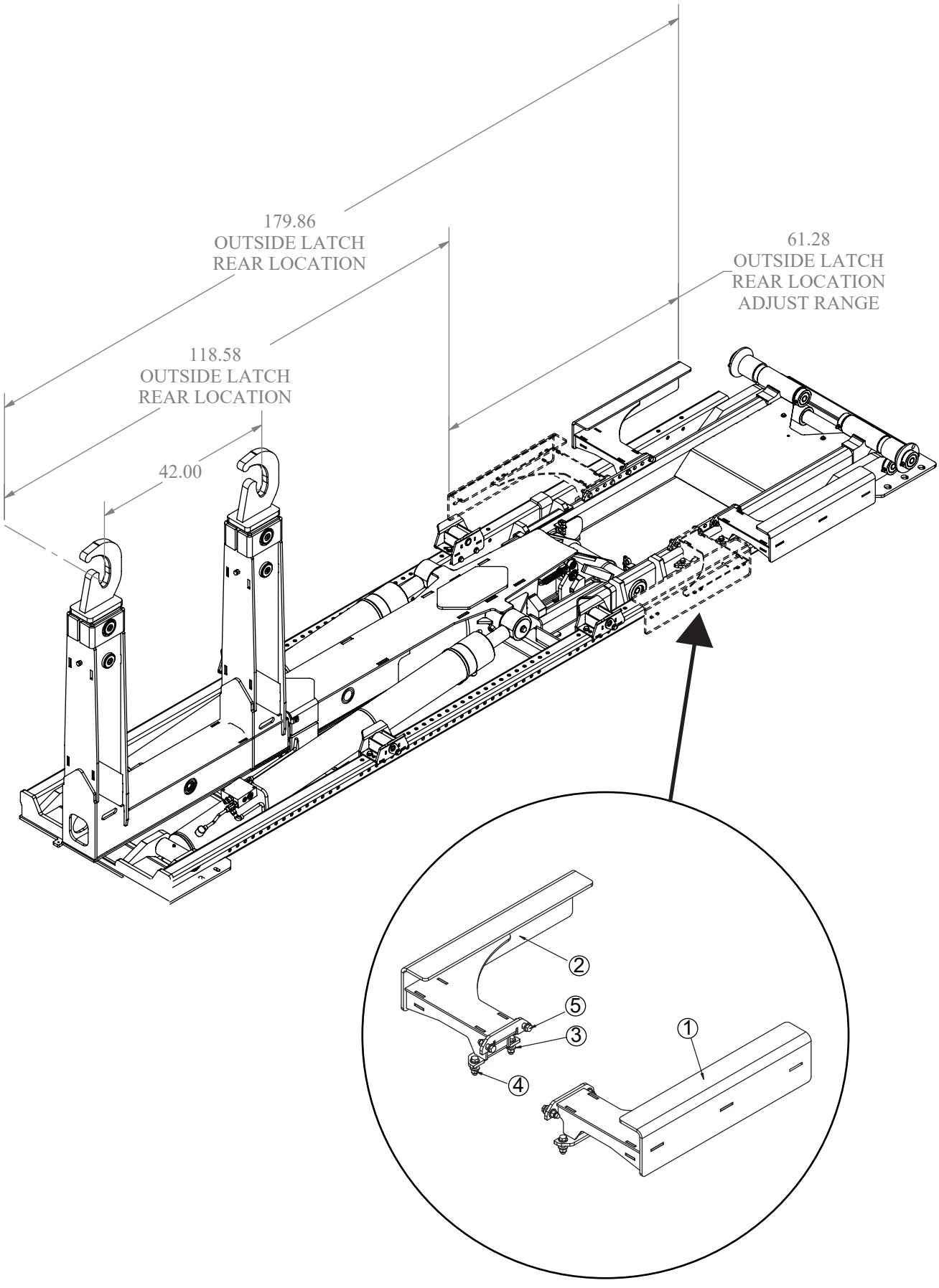
NXT30M Outside Latch Assembly



NXT30M Outside Latch Assembly Parts List

PN 123196			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	123197	LATCH WLDMT OUTSIDE NXT30 BOLT ON	1
2	8833	CAP SCR 0.50-13X2.00 HHGR8	4
3	5468	NUT 0.50-13 HHGR8 NYLOC	4
4	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	8
REV. A 202510			

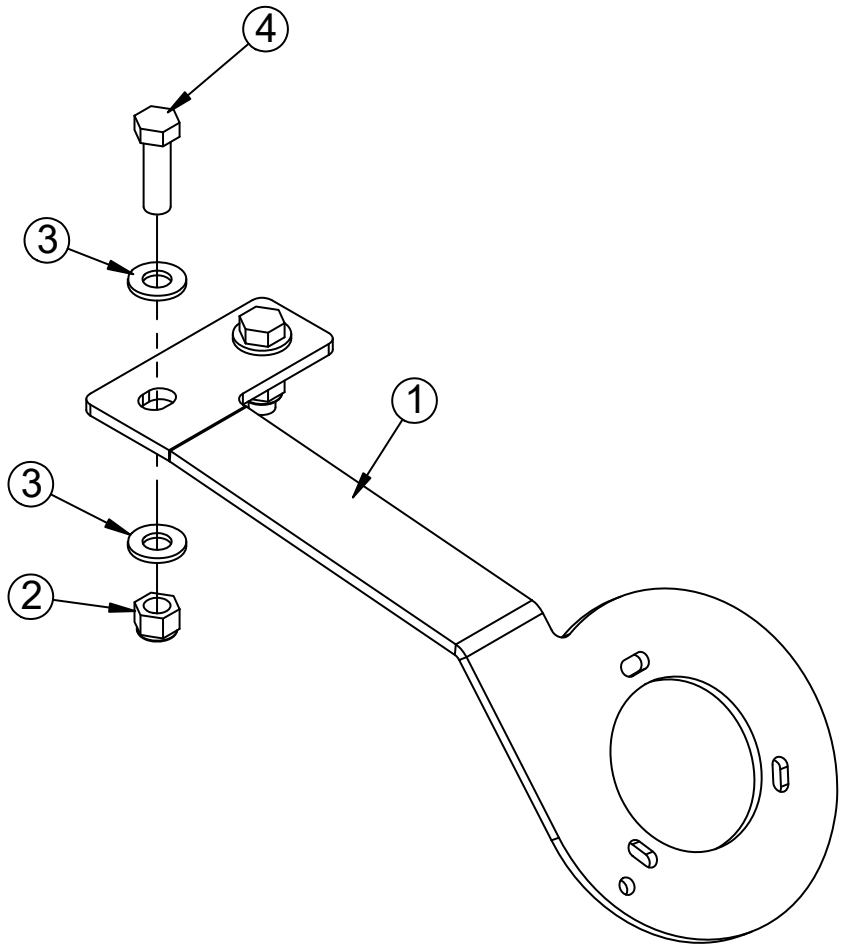
NXT30L Outside Latch Assembly



NXT30L Outside Latch Assembly Parts List

PN 123196 / 142642			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	142645	WLDMNT LOCK OUTER SS NXT24/30 BOLT	1
2	142646	WLDMNT LOCK OUTER CS NXT24/30 BOLT	1
3	D0790	WASHER 0.50 SAE FLAT YELLOW GR8	16
4	5468	NUT 0.50-13 HHGR8 NYLOC	8
5	8833	CAP SCR 0.50-13X2.00 HHGR8	8

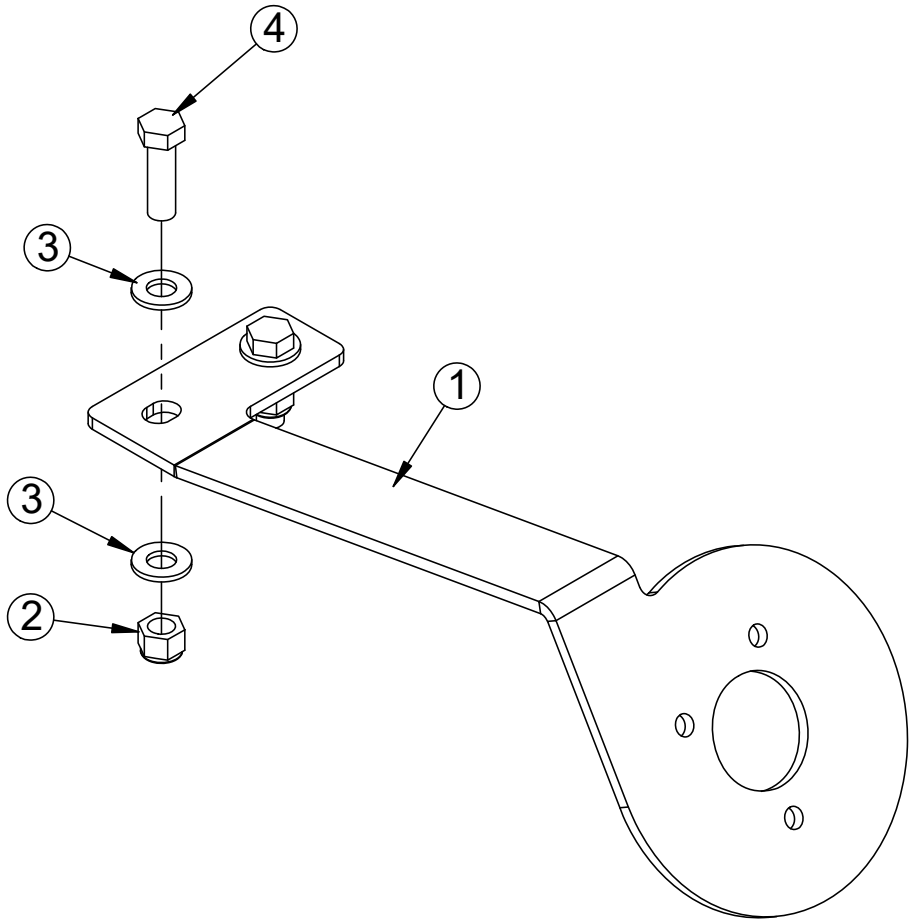
Kit - Fuel Fill Bolt On - PN 125670



PN 125670			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	125013	BRKT FUEL FILL BOLT ON Z-RAIL	1
2	56673	NUT 0.38-16 HHGR8 NYLOC	2
3	C6353	WASHER 0.38 SAE FLAT YELLOW GR8	4
4	13576	CAP SCR 0.38-16X1.25 HHGR8	2

ITEMS NOT SHOWN		
PART	**DESCRIPTION**	**QTY**
97701	EXHAUST PIPE FOR 6.4L ELBOW 3.00”	1
132325	FTG 24MM DEF FILL FORD 90 QUICK CONNECT	1
132330	HOSE 1.00 (RM) MULTIPURPOSE BLK	3
C4677	HOSE PL 0.50 (RM) MULTIPURPOSE BLACK	3
C4659	HOSE CLAMP #16 SS	2
C4665	HOSE CLAMP #8 SS	2
102204	INSTRUCTIONS F550 DIESEL EXHAUST MODIFICATION	1

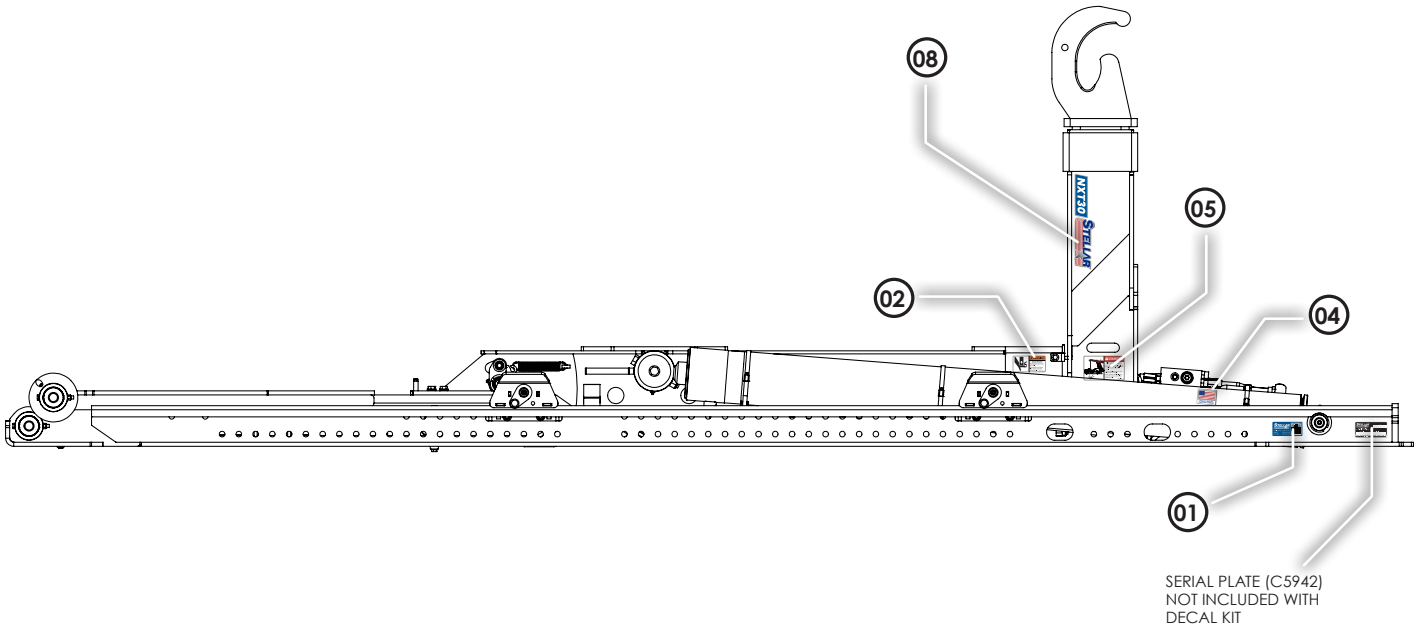
Kit - Urea Fill Bolt On - PN 125000

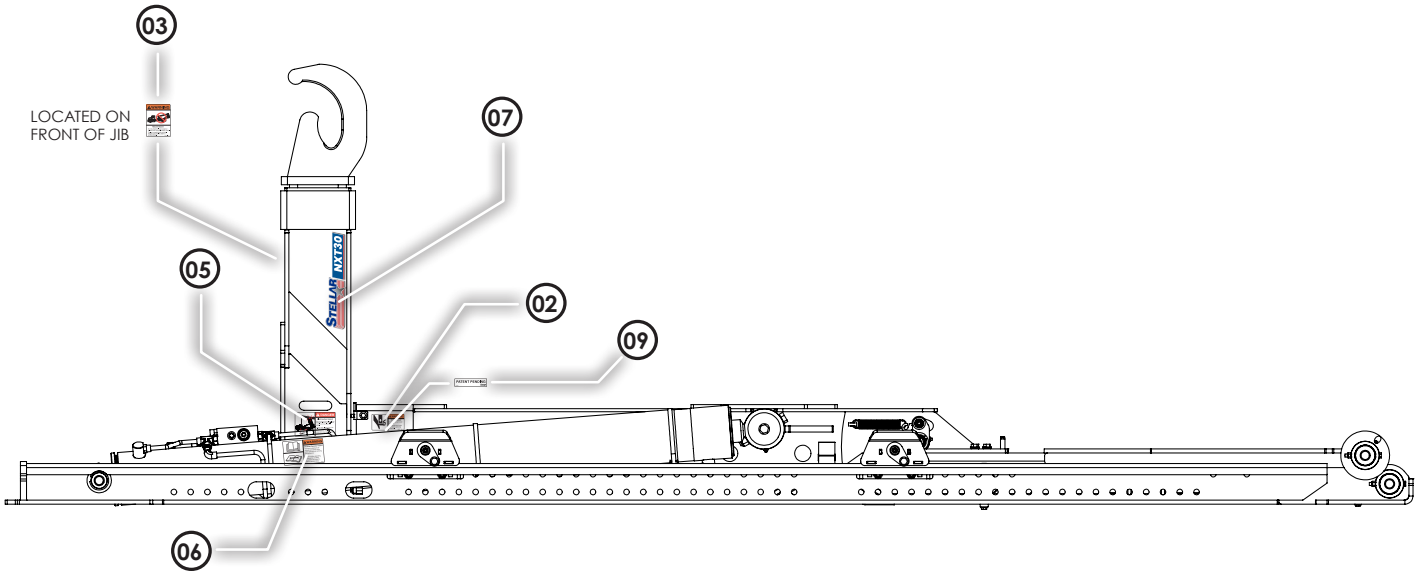


PN 125000			
ITEM	**PART**	**DESCRIPTION**	**QTY**
1	125001	BRKT UREA FILL BOLT ON Z-RAIL	1
2	56673	NUT 0.38-16 HHGR8 NYLOC	2
3	C6353	WASHER 0.38 SAE FLAT YELLOW GR8	4
4	13576	CAP SCR 0.38-16X1.25 HHGR8	2

ITEMS NOT SHOWN		
PART	**DESCRIPTION**	**QTY**
97701	EXHAUST PIPE FORD 6.4L ELBOW 3.00”	1
102204	INSTRUCTIONS F550 DIESEL EXHAUST MODIFICATION	1

NXT30 Hooklift Decals - PN 140373





NXT30 DECAL KIT - PN 140373

ITEM	PN	DESCRIPTION	QTY
01	4214	DECAL CONTACT STELLAR	1
02	25627	DECAL WARNING CRUSH	2
03	45955	DECAL WARNING HOOK HEIGHT MATCH	1
04	35234	DECAL STELLAR MADE IN THE USA	1
05	55832	DECAL DANGER ELECTROCUTION HOOK	2
06	68024	DECAL WARNING UNTRAINED OPERATOR	1
07	140405	DECAL NXT30 STRIPE CS	1
08	140404	DECAL NXT30 STRIPE SS	1
09	143384	DECAL PATENT PENDING	1

Chapter 6 - Controller Assemblies

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Controller Assembly - Electric..... 90
Controller Assembly - Radio..... 90

Controller Assembly - Cable

CHASSIS	TYPE	SECT	LENGTH (INCHES)	PART NO.
FORD F550 2017+	CABLE	2	120	142854
		3		142855
		2	144	142856
		3		142857
RAM 5500 2017+	CABLE	2	120	142858
		3		142859
		2	144	142860
		3		142861
CHEVY 5500 2017+	CABLE	2	120	142862
		3		142863
		2	144	142864
		3		142865
FRIEGHTLINER M2 2017+	CABLE	2	120	142866
		3		142867
		2	144	142868
		3		142869
STANDARD CAB	CABLE	2	120	142870
		3		142871
		2	144	142872
		3		142873

Controller Assembly - Air

CHASSIS	TYPE	SECT	PART NO.
GENERAL USE	AIR	2	142874
		3	142875

Controller Assembly - Electric

CHASSIS	TYPE	SECT	PART NO
GENERAL USE	ELECTRIC	2	136972
		3	138175

Controller Assembly - Radio

CHASSIS	TYPE	SECT	PART NO.
GENERAL USE	RADIO	2	141518
		3	141519

NOTE:
FOR A COMPLETE DETAILED DESCRIPTION OF THE CONTROLLER ASSEMBLIES, PLEASE SEE Options Manual, PART NUMBER 127722.

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