MP-SR-22

Hydraulic Ramp Trailers
Model SR



E.D. ETNYRE & CO. 1333 S. Daysville Road, Oregon, Illinois 61061
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PARTS / SERVICE: 888-586-1899 • CustomerService@etnyre.com

MP-SR-22

Hydraulic Ramp Trailers Parts Manual

HOW TO ORDER PARTS

To assure prompt delivery when ordering parts, please furnish the following information: 1) Complete name and address of consignee. 2) Method of shipment preferred. 3) Serial numbers of units to which parts apply. 4) Complete part numbers and descriptions. 5) Any special instructions.

Specify unit serial number when ordering parts!

PARTS WARRANTY

E. D. Etnyre & Co. warrants to the original Purchaser, its replacement parts to be free from defects in material and workmanship for a period of twelve (12) months after date of delivery to original Purchaser.

The following are exceptions to this policy:

(1) All new electronic components are warranted for a period of 60 days. This is subject to vendor approval.
(2) Remanufactured electronic components are warranted for a period of 30 days.
(3) Remanufactured hydraulic components are warranted for a period of 60 days.
(4) All non-Etnyre manufactured components are subject to the original warranty of the manufacturer.
(5) New hydraulic components are warranted for the period of time set forth by the vendor of the individual item.

The obligation of the Company is limited to repairing or replacing any defective part returned to the Company and will not be responsible for consequential damages or any further loss by reason of such defect. Furthermore, the Etnyre Co. will not be responsible for any labor charges, freight charges, or transportation costs incurred by the purchaser if said part were to fail.

This warranty does not apply to:
(1) Normal start-up services, normal maintenance services or adjustments usually performed by the selling dealer, factory service representative or customer personnel.
(2) Any product manufactured by E. D. Etnyre & Co. purchased or subjected to rental use.
(3) Any product or part thereof which shows improper operation, improper maintenance, abuse, neglect, damage or modification after shipment from factory.
(4) Any product or part thereof damaged or lost in shipment. Inspection for damage should be made before acceptance or signing any delivery documents releasing responsibility of the delivering carrier.

This warranty and foregoing obligations are in lieu of all other obligations and liabilities including negligence and all warranties of merchantability or otherwise, express or implied in fact or by law.

The company excludes all implied warranties of merchantability and fitness for a particular purpose. There are no warranties, express or implied, which extend beyond the description of the goods contained in this contract.

E. D. ETNYRE & CO., Oregon, Illinois 61061-9778

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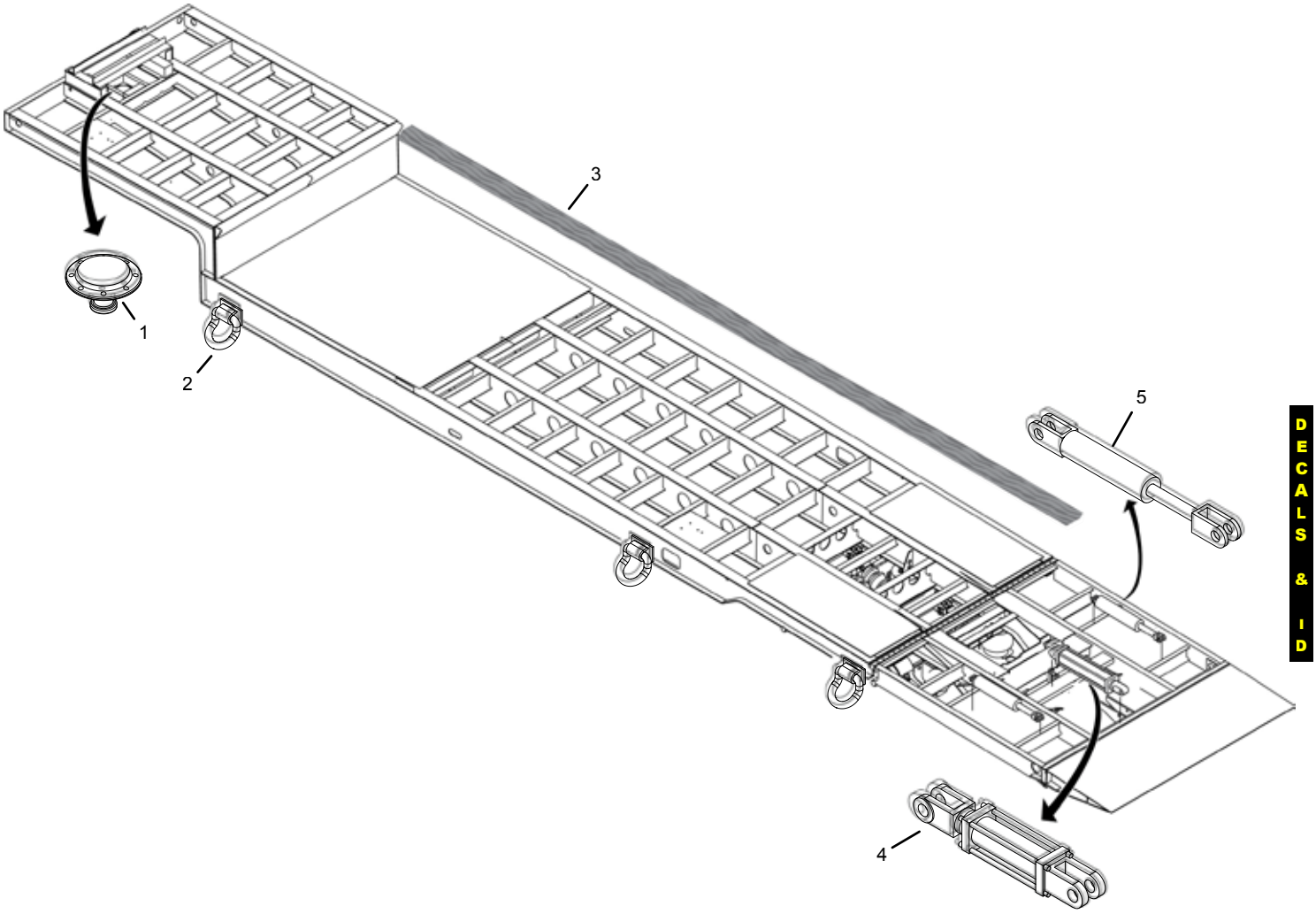
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General Identification

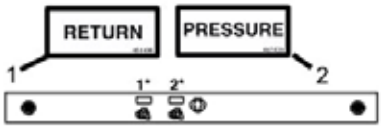


DECALS & ID

REF	PART NO.	QTY	DESCRIPTION
1	Q400449	1	KINGPIN-2",FOR 1/4" PLATE
2	Q508507	AR	RING-LASH
3	6321035	AR	BOARD-APITONG
4	*****	1	CYLINDER-HYD, 3.5B X 16 STROKE
5	*****	2	CYLINDER-HYD, 5 X 16 STROKE

Decal Location

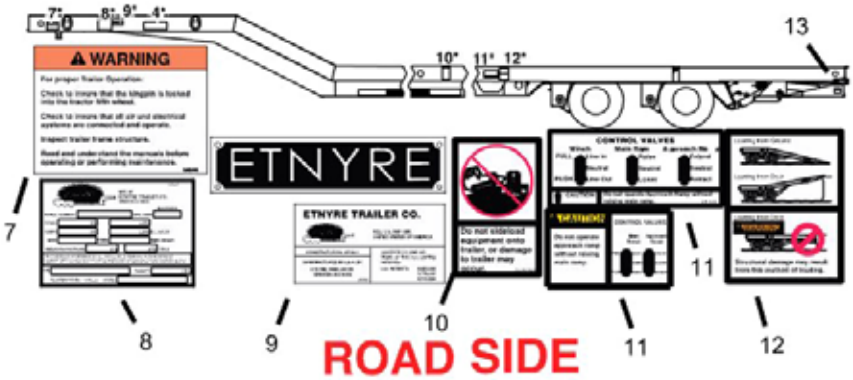
DECALS & ID



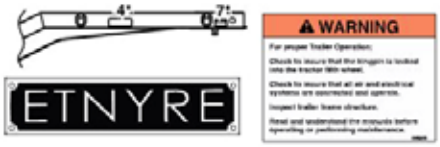
FRONT



REAR



ROAD SIDE

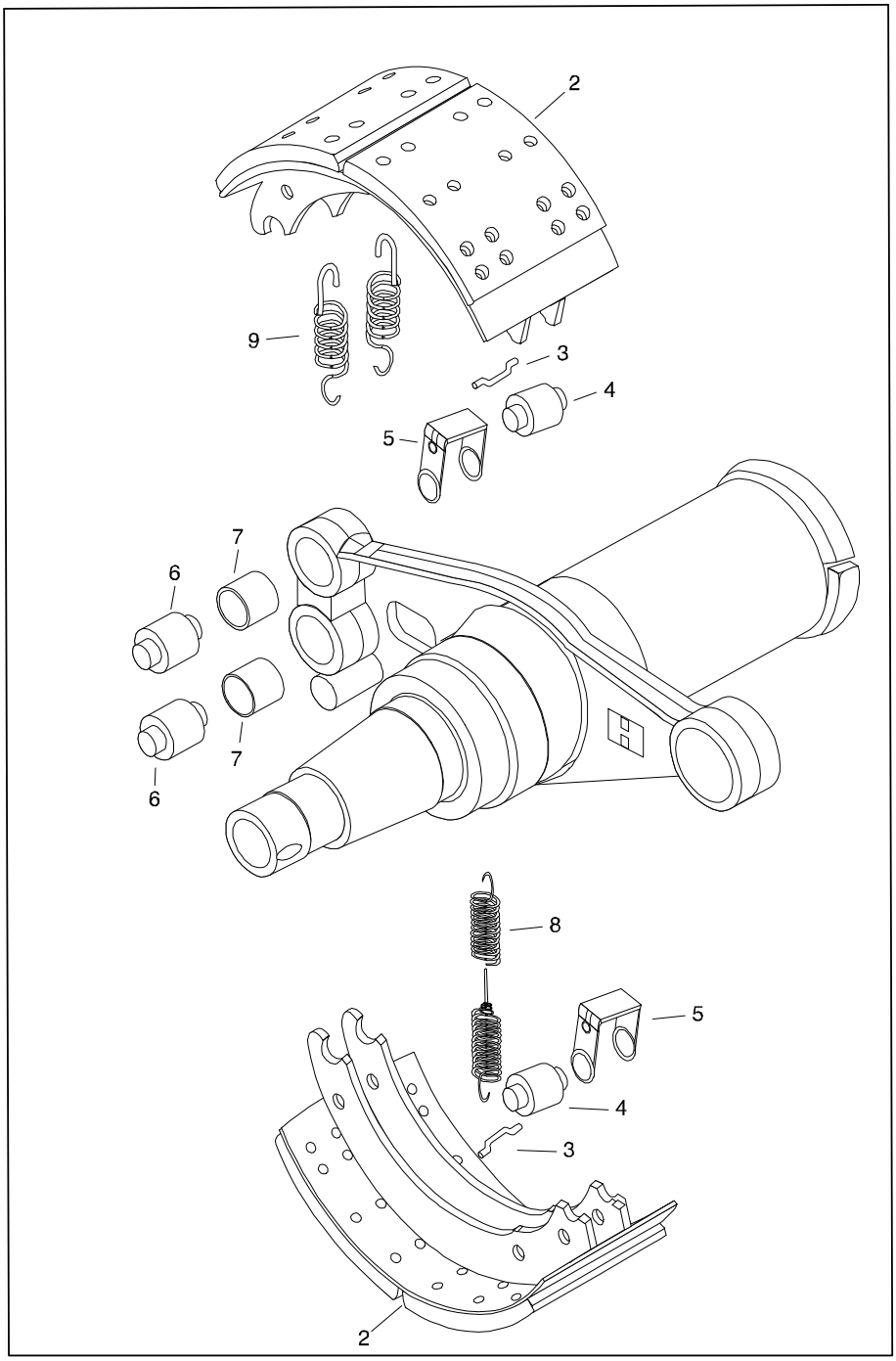


CURB SIDE

REF	PART NO.	QTY	DESCRIPTION
1	Q451436	1	DECAL: RETURN
2	Q451435	1	DECAL: PRESSURE
3	Q459148	2	DECAL: DANGER, STAND CLEAR
4	3390149	3	PLATE-NAME, STRAIGHT, ETNYRE
5	2790527	60'	TAPE-CONSPICUITY, 2", RED/WHITE
6	QL419538	1	SPLASH GUARD GROUP
7	Q452415	2	DECAL: WARNING, PROPER TRAILER OPERATION
8	Q506064	1	PLATE-SERIAL NO., TRAILER

REF	PART NO.	QTY	DESCRIPTION
9	Q452390	1	DECAL: TRADEMARK, PATENTS
10	Q471243	2	DECAL: WARNING, SIDELOAD
11	Q464455	1	PLACARD-CONTROL VALVES w/ WINCH
11	Q464457	1	PLACARD-CONTROL VALVES w/o WINCH
12	Q491021	1	DECAL: SR, DOCK WARNING
13	Q464456	2	DECAL: CAUTION APPROACH RAMP

Brake Kit

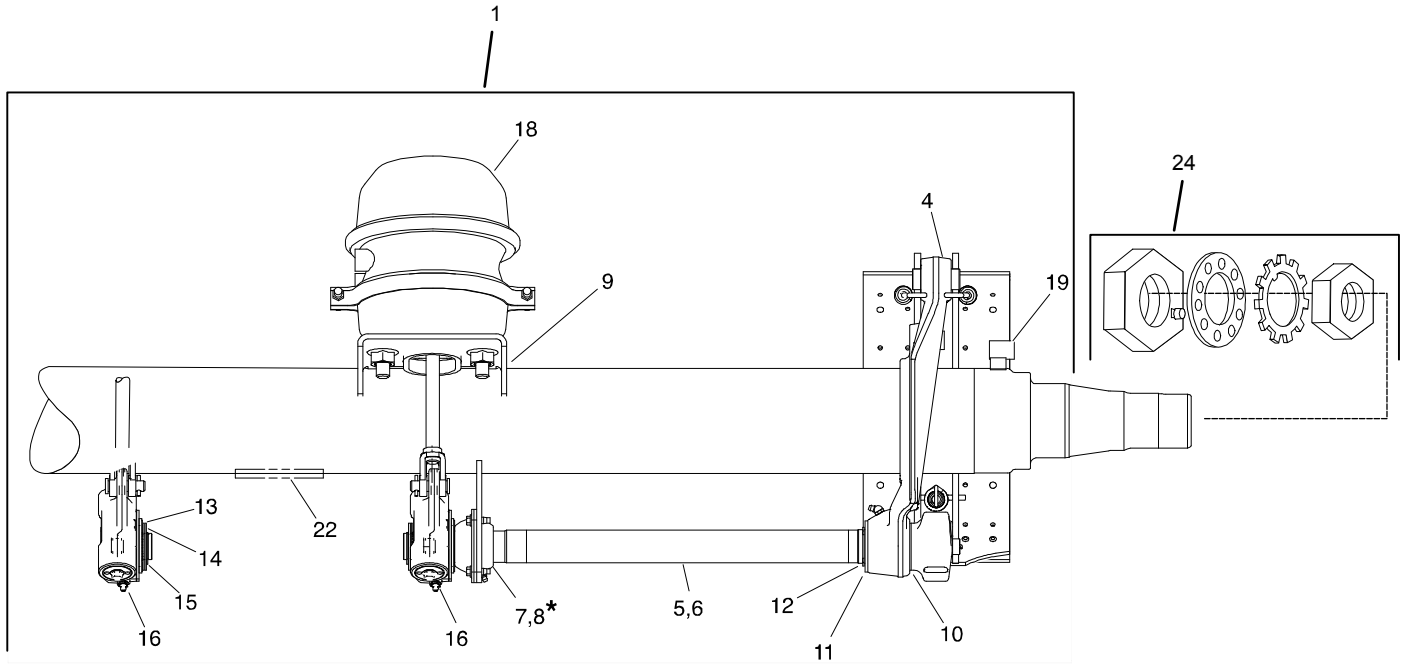


REF	PART NO.	QTY	DESCRIPTION
1	Q565593	1	SHOE KIT-BRAKE, 12.25" X 7.5", 20K RATING
			(Includes Ref #'s 2–9)
2*		2	BRAKE SHOE-LINED
3*		2	PIN-SPRING, RETURN
4*		2	ROLLER-SHOE, BRAKE
5*		2	CLIP-SPRING, ROLLER
6*		2	PIN-ANCHOR
7*		2	BUSHING-ANCHOR PIN
8*		1	SPRING-RETURN, BRAKE
9*		2	SPRING-RETAINING, BRAKE

Major Overhaul Brake Kit - Specify Kit S-31962-3

Axle Assembly

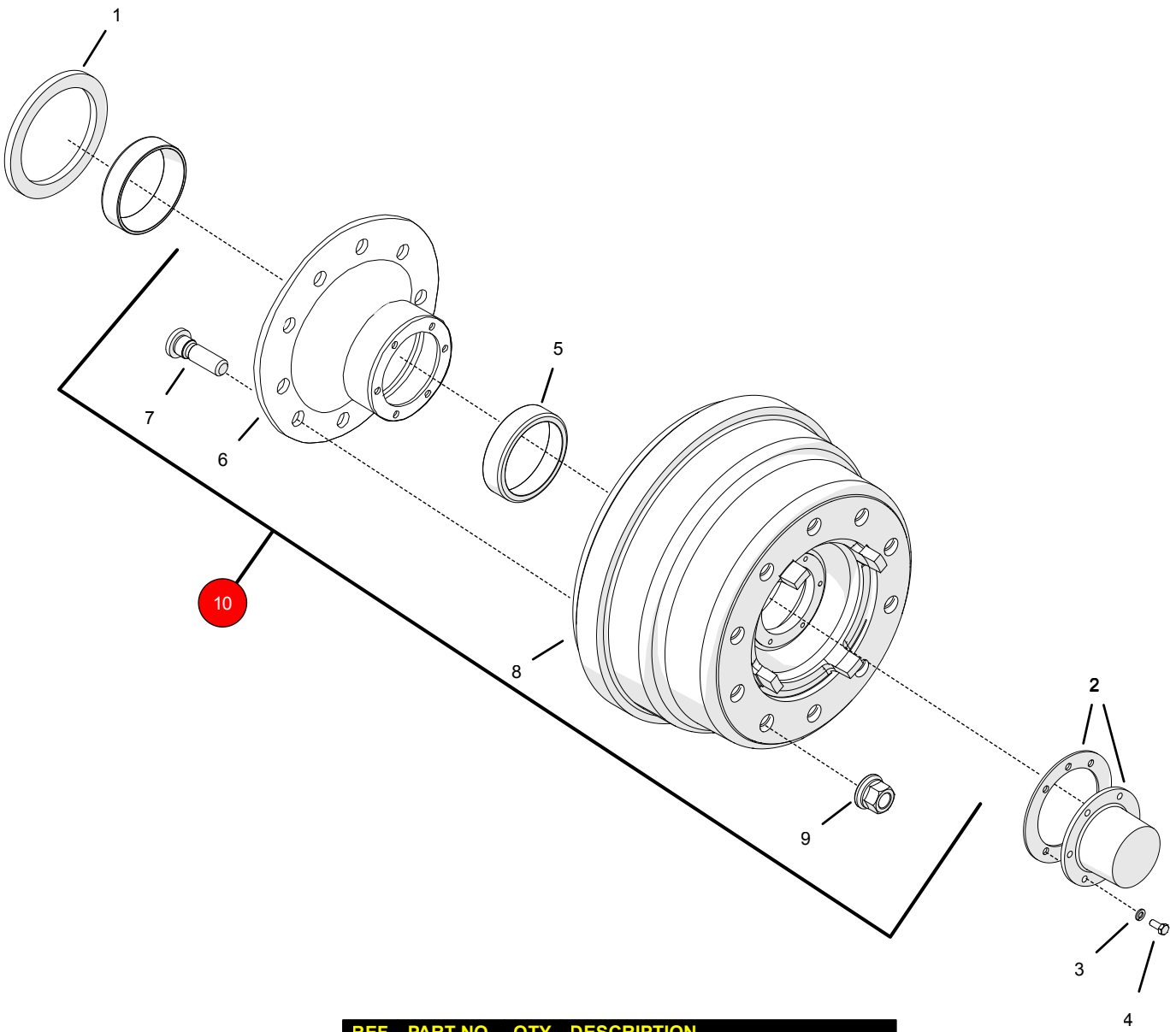
UNDERCARRIAGE



REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	Q559446-08	1	AXLE ASSEMBLY	13		12	WASHER-INNER
			(Includes Ref 2–23)	14		2	WASHER-CAM SPLINE
2		2	FILTER-AXLE *(Not Shown)*	15		2	LOCK RING-CAM SPLINE
3	6452720	2	PLUG-SPINDLE END, HN *(Not Shown)*	16		2	SLACK ADJUSTER
4		2	SPIDER	17		2	ANCHOR STUD-SLACK ADJUSTER *(N.S.)*
5		1	CAM-28 SPLINE, 22.25” LG, LH	18		2	BRAKE CHAMBER ASM
6		1	CAM-28 SPLINE, 22.25” LG, RH	19		2	BLOCK-ABS SENSOR
7		1	BRACKET ASM-CAM, LH	20		1	RIVET-I.D. TAG
8		1	BRACKET ASM-CAM, RH	21		2	NUT-SLACK ADJUSTER STUD
9	Q492170	2	BRACKET-BRAKE CHAMBER MTG	22		1	TAG-IDENTIFICATION
10		2	WASHER-CAM HEAD	23	6453205	2	CLEVIS-SLACK ADJUSTER
11	Q495037	2	WASHER-CAM	24	Q527019	2	SPINDLE NUT KIT
12	Q495036	2	SNAP RING-CAM				

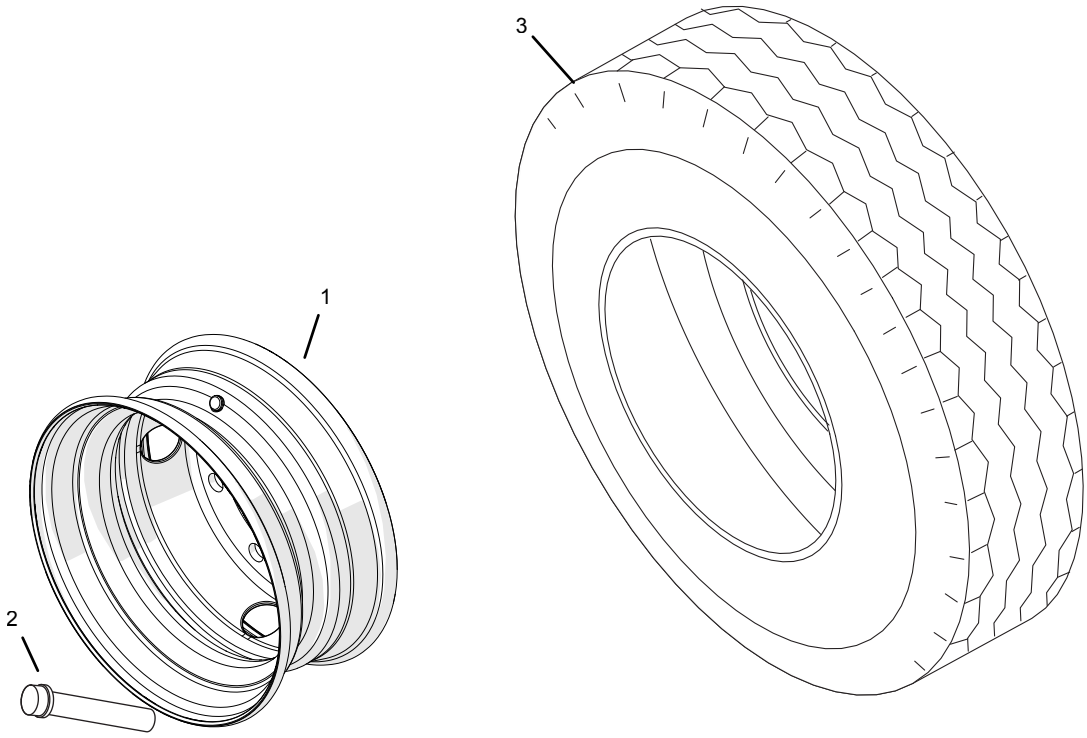
Steel hubs and Cast Drums - HN (Tapered) Spindles

Hub and Drum with ABS



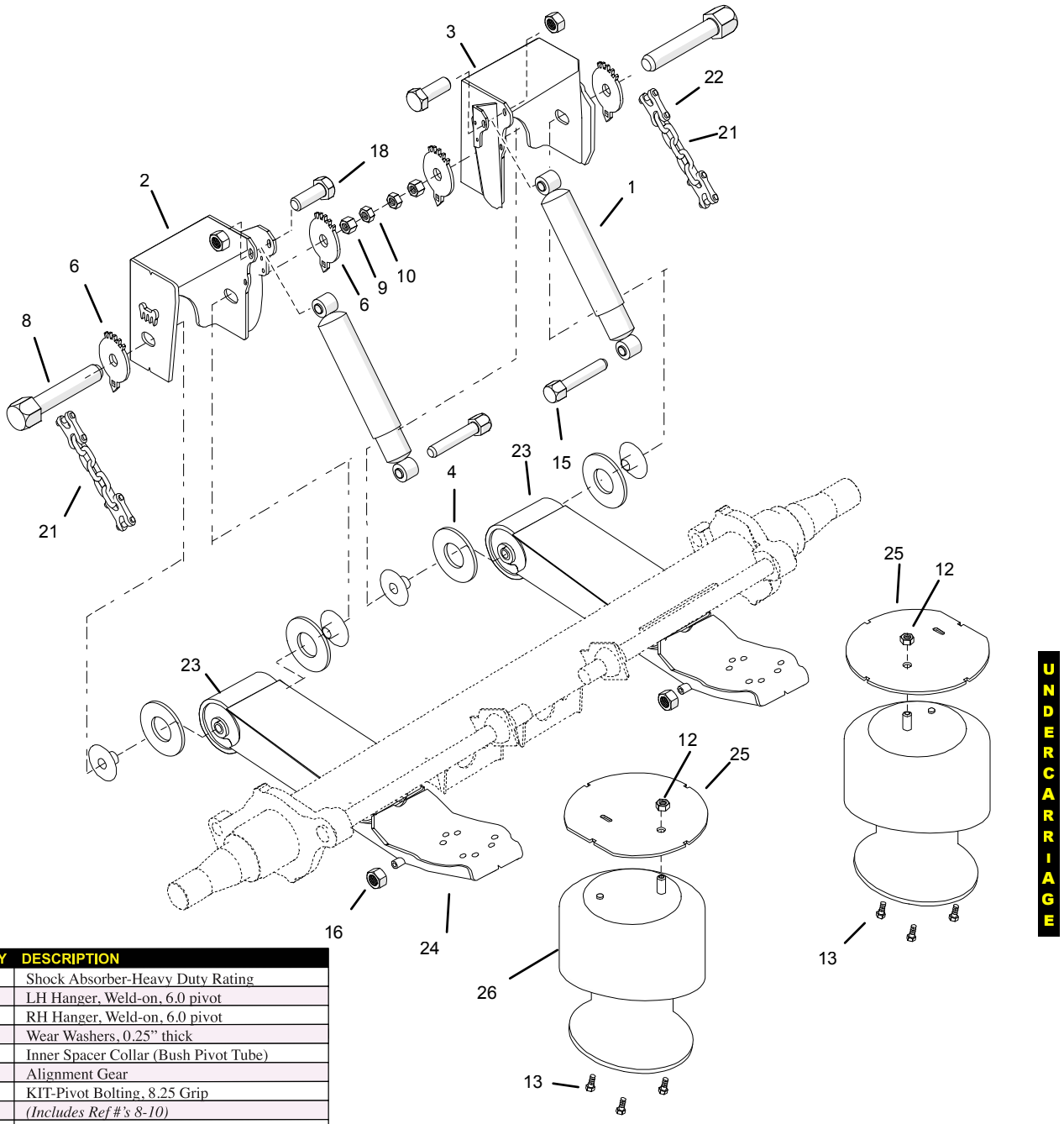
REF	PART NO.	QTY	DESCRIPTION
1	Q476230	2	SEAL-OIL / GREASE
2	Q413457	2	HUB CAP & GASKET
3	Q015155	6	WASHER-LOCK, 5/16"
4	Q016836	6	CAPSCREW 5/16 UNC X 3/4,GR5
5	6452774	1	AXLE BEARING KIT
6	****	1	HUB
7	****	8	WHEEL STUD
8	****	1	DRUM, 12.25" X 7.5"
9	****	8	NUT-FLANGE, 22MM HEX
10	Q524951	1	HUB & DRUM ASM (Includes Ref 6-9)

Tire & Wheel Assemblies



REF	PART NO.	QTY	DESCRIPTION
1	Q499723	8	WHEEL-DISC, STEEL, 17.5" X 6.75"
2	Q471414	8	VALVE-TIRE, TUBELESS
3	Q568821	8	TIRE-235/75R17.5

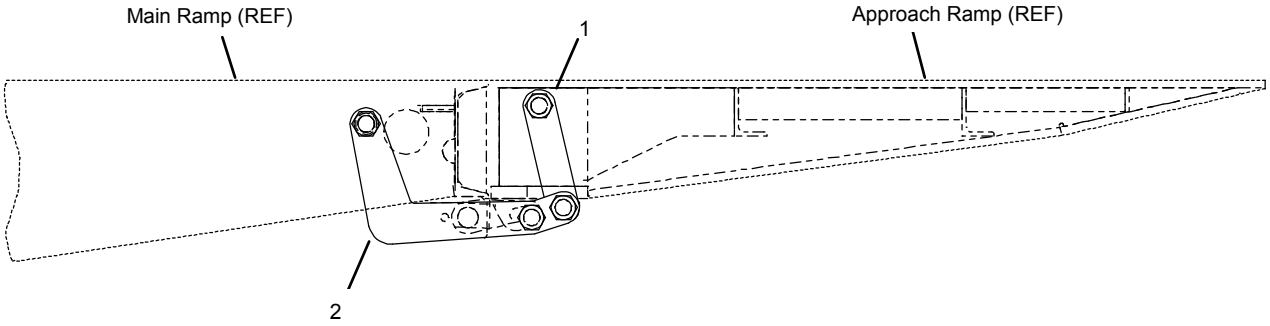
Suspension - Q527149

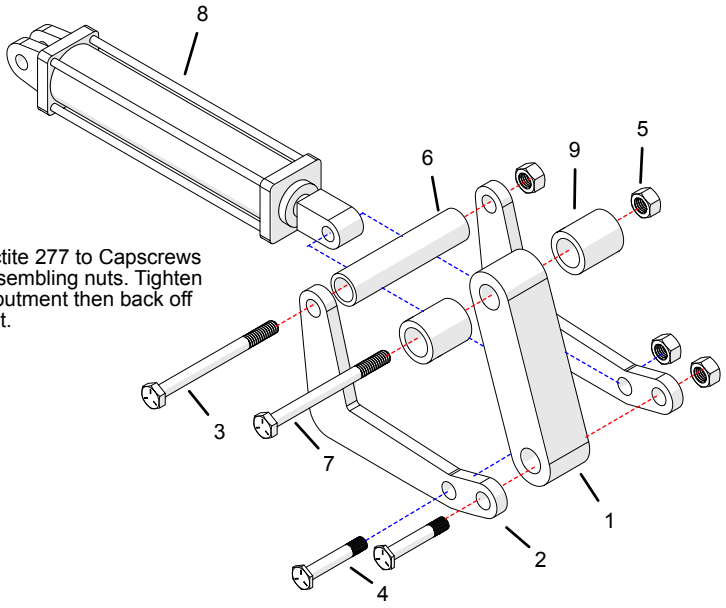


UNDERCARRIAGE

REF	PART NO.	QTY	DESCRIPTION
1	PD11456	2	Shock Absorber-Heavy Duty Rating
2	*	1	LH Hanger, Weld-on, 6.0 pivot
3	*	1	RH Hanger, Weld-on, 6.0 pivot
4	PD11385	4	Wear Washers, 0.25" thick
5	*	4	Inner Spacer Collar (Bush Pivot Tube)
6	*	4	Alignment Gear
7	Not Shown	2	KIT-Pivot Bolting, 8.25 Grip
			(Includes Ref #'s 8-10)
8	PD11619	1	HHCS, 0.875-14 UNF x 10.00" lg, GR8
9	*	1	Nut-Nylock, 0.875-14 UNF, GR8
10	*	1	Nut-Jam, 0.875-14 UNF, GR2/5
11	Not Shown	2	KIT-Air Spring Mounting 1R12-494
			(Includes Ref #'s 12, 13)
12	*	3	HHCS, FlgLock 0.5-13 UNC x 1.25"lg, GR5
13	*	1	Nut-Nylock, 0.75-16 UNF, GR2/5
14	Not Shown	2	KIT-Shock Mounting, 8.50 Grip
			(Includes Ref #'s 15, 16)
15	PD11622	1	HHCS, 0.75-10UNC x 9.50 lg, GR5
16	PD11542	1	Nut-Top, Lock, 0.75-10 UNC, GR5
17	Not Shown	2	KIT-Shock Mounting, 2.25 Grip
			(Includes Ref #'s 18, 19)
18	PD11524	1	HHCS, 0.75-10 UNC x 3.25 lg, GR5
19	PD11542	1	Nut-Top, Lock, 0.75-10 UNC, GR5
20	Not Shown	2	KIT-Chain Kit (6 Links + 2 Double D links)
			(Includes Ref #'s 21, 22)
21	*	1	0.375 Chain, Grade 70 (6 Links)
22	PD11626	2	0.375 Double D Attachment Links
23	*	2	Bushing-Rubber, Dual Rate 1
24	*	2	Trailing Arms w/ Front
25	*	2	Air Spring Mounting Plate, 12.00" Dia.
26	PD11253	2	Air Spring-Goodyear

Linkage - Q468491



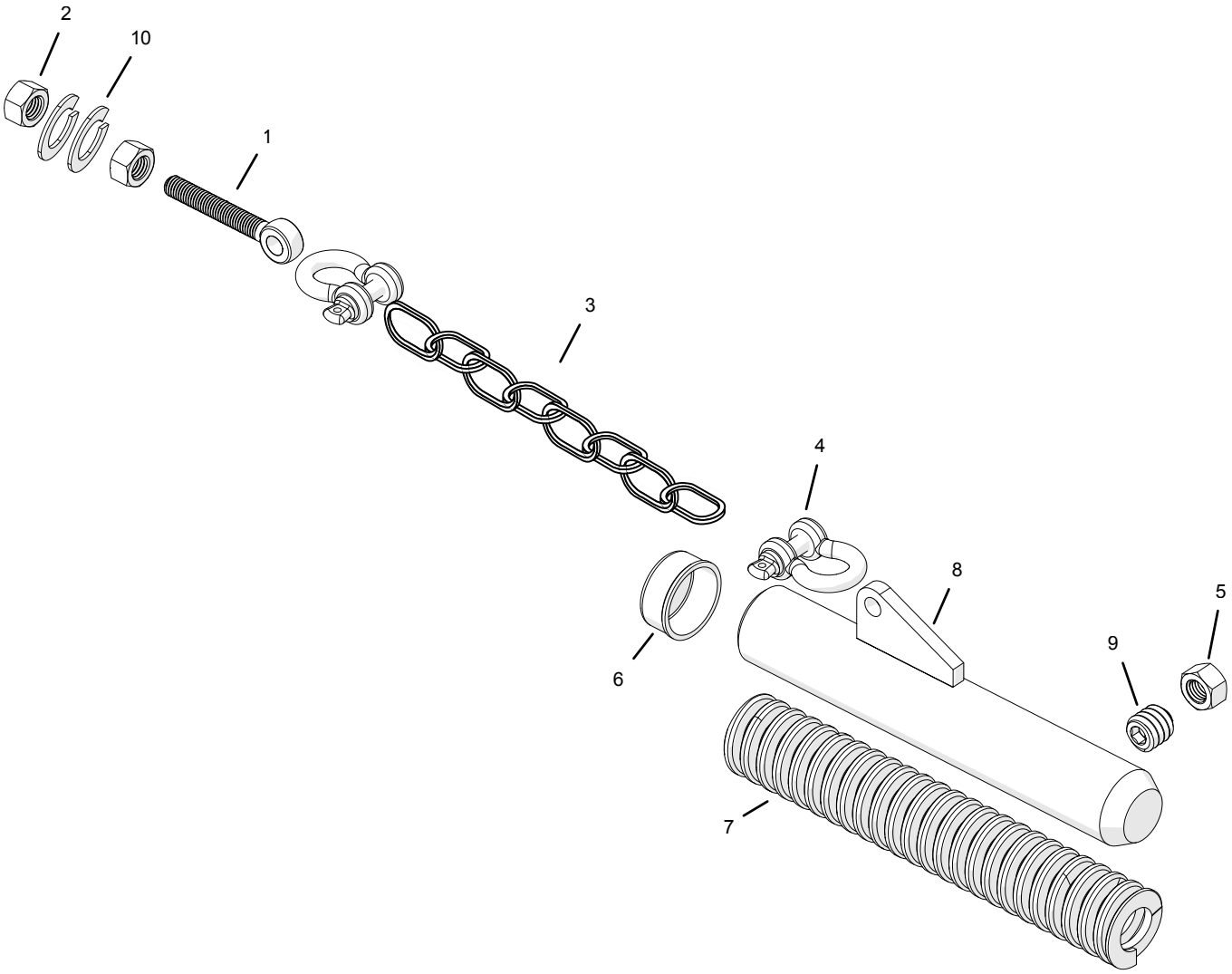


RAMP

Apply Loctite 277 to Capscrews before assembling nuts. Tighten to solid abutment then back off for snug fit.

REF	PART NO.	QTY	DESCRIPTION
1	Q468856	1	LINK
2	Q468857	2	PLATE
3	Q468858	1	CPSCW1-14UNS X 6.5HX
4	Q468859	2	CPSCW--14UNS X 5HX
5	Q221721	4	NUT-HEX, 1.00-14, NF, PD, GR8
6	6303357	1	PIPE HC16, 1" STD X 2 1/8 (.18 FT)
7	Q469680	1	CAPSCREW, 1"-14 X 10
8	Q472830	1	CYLINDER
9	Q527104	2	PIPE-SCH 160, 1.5" X 2.25"

Lock Assembly - Q468554



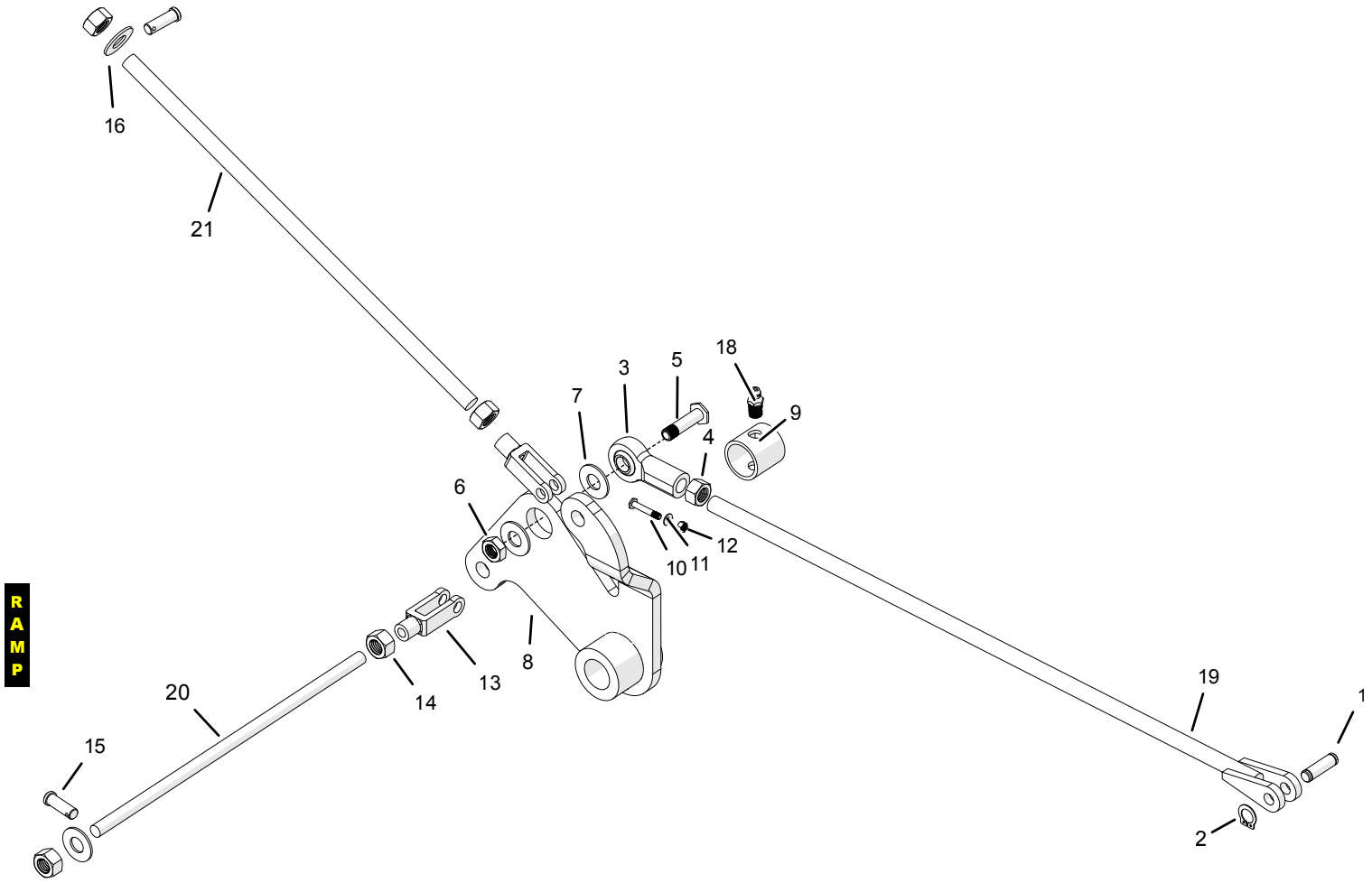
RAMP

REF	PART NO.	QTY	DESCRIPTION
1	Q528605	1	EYEBOLT-CLOSE FORMED, 1/2
2	0120378	4	NUT-HEX, 0.50"NC
3	Q401133	AR	CHAIN, 3/8"
4	LD12057	4	SHACKLE-ANCHOR w/ SCREW PIN, 3/8
5	Q015019	2	NUT-HEX, 0.75"UNC, REG
6	6200052	2	CAP-PIPE, 2.5"NPT, PN
7	Q465183	1	SPRING-COMPRESSION
8	Q468550	2	PIN ASSEMBLY
9	Q400012	2	SCREW-SET, 0.75"NC X 2.5"
10	Q015158	2	WASHER-LOCK, 0.5"

AR = As Required

Compression Block Linkage Asm

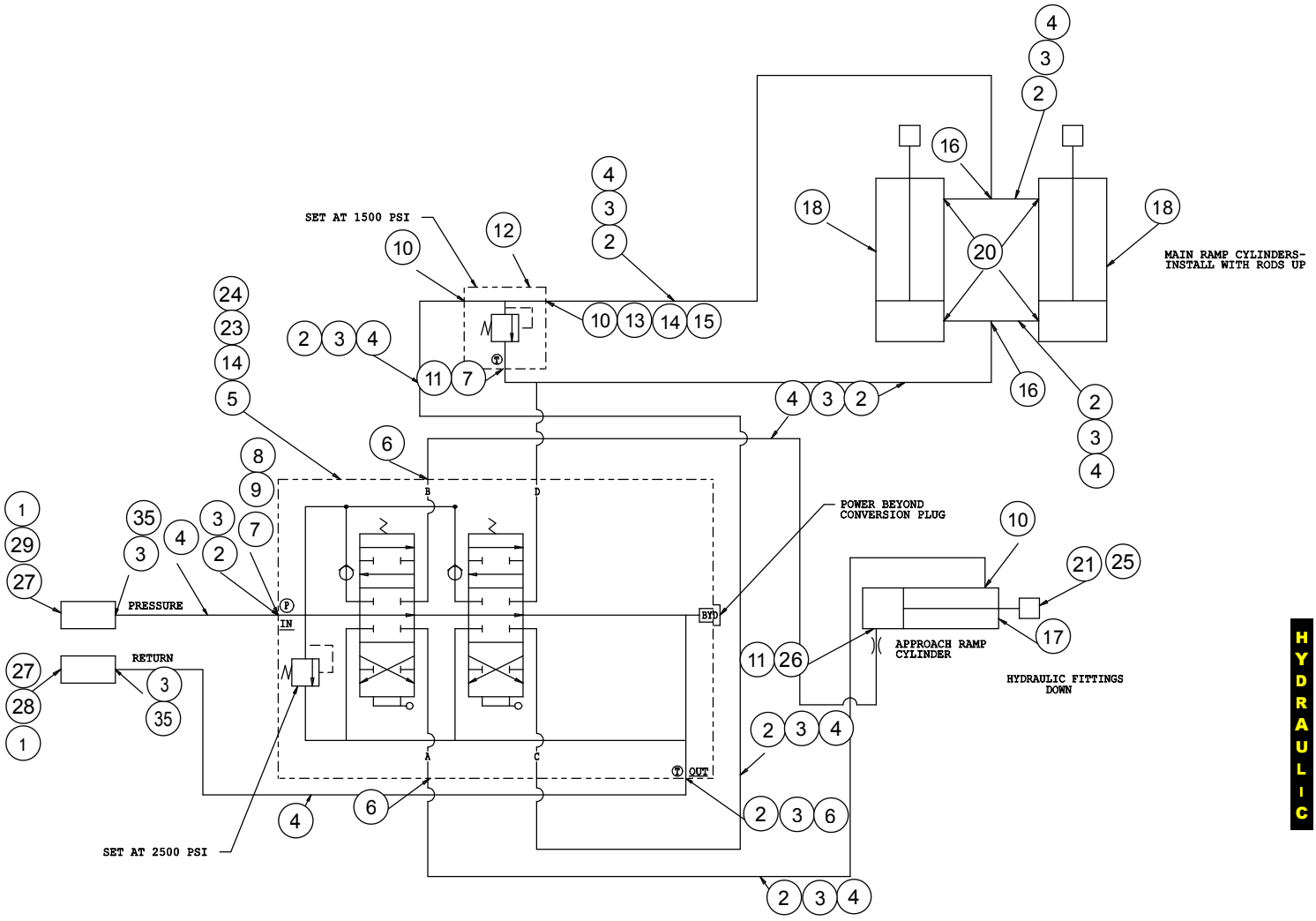
Q527153



REF	PART NO.	QTY	DESCRIPTION
1	Q468350	1	PIN
2	6001315	2	SNAP RING, FOR 0.75"
3	Q464599	1	ROD END
4	Q015036	1	1 NF NUT
5	Q018673	1	HCF508 1.0" UNS X 3.25"
6	Q015110	1	NUT-NYLOK
7	Q015133	3	WASHER-FLAT, 1.0"
8	Q492954	1	BELL CRANK ASM
9	Q468353	1	PIPE
10	0180130	1	HCE-508 CPSCR 3/8UNC X 2.0"
11	Q015156	1	WASHER-LOCK, 3/8"
12	9416532	1	NUT-HEX, 0.38"NC, GRB, PD
13	Q000152	4	YOKE END REF. Q169816 (D)
14	Q015028	4	NUT-JAM, HEX, 1/2 X 20
15	Q457190	4	PIN-CLEVIS, 1/2 X 1-1/2
16	Q015135	4	WASHER-FLAT, 0.5"
17	Q015223	4	PIN-COTTER, 0.125" X 1.0" (Not Shown)
18	Q177413	1	ZERK-GREASE
19	Q494991	1	ROD WELDMENT, 8' RAMP
19	Q492963	1	ROD WELDMENT, 10' RAMP
19	Q494019	1	ROD WELDMENT, 13' RAMP
20	Q527152	1	ROD
21	Q527151	1	ROD

Hydraulic Schematic - T.O. 5" Cylinder

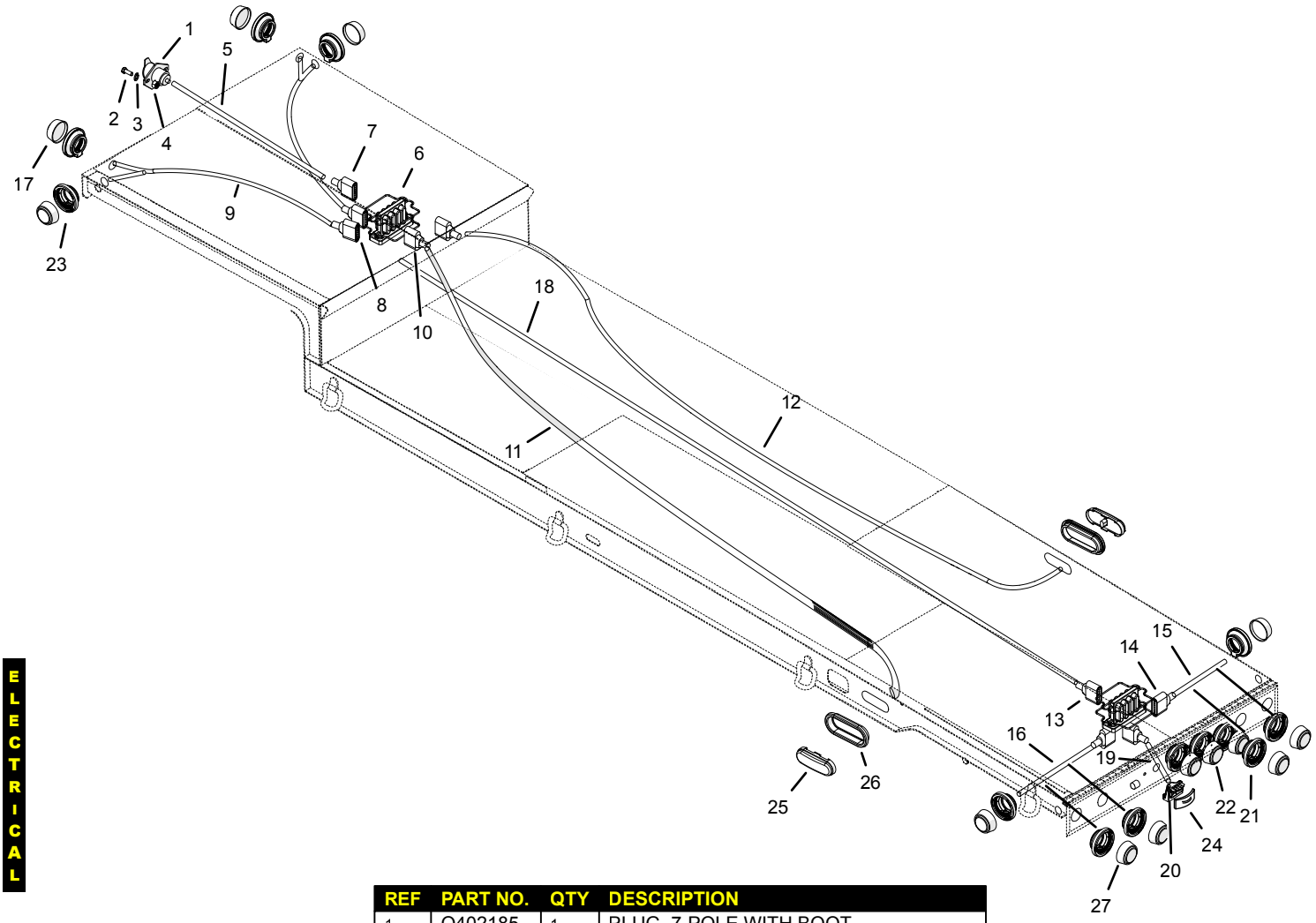
Q496837



HYDRAULIC

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	6100447	2	WASHER-LOCK, 1.0" TOOTH, INTERNAL	15	Q016828	2	HCE-508 CPSCR 3/UNC X 1.25
2	Q6601978	22	HOSE END-08JFX	16	Q6602078	2	TEE-HYD, 08MJ-08MJ-08MJ
3	Q6601964	24	FERRULE 1/2	17	***	1	CYLINDER-APPROACH RAMP
4	Q6601963	180'	HOSE-HYD 1/2 BULK	18	***	2	CYLINDER-HYD, 5 X 16
5	Q476244	1	DIRECTIONAL CONTROL VALVE	20	Q9410977	4	ELBOW-HYD, 90, 08MB-08MJ
6	Q6602165	5	ELBOW-HYD, ADPT, 90, 12MB-08MJ	21	***	1	ROD END
7	Q9410333	2	TEE-HYD, 08MJ-08FJX, 08MJ	23	Q015156	3	HCE-554 WASHER 3/8
8	Q6600921	1	ADAPTER-HYD, ST, 08MJ-12MB	24	Q016379	3	HCE-508 CPSCR 3/8UNC X 2.25'
9	Q6602168	1	CAP-HYD, 1/2	25	Q222516	1	HCE-819 FTG-LUBE
10	Q6600958	5	ELBOW-HYD, 90, 08MP-MJ	26	A-465423	1	90 DEGREE RESTRICTING ADAPTER
11	Q9402709	2	ADAPTER-HYD, ST, 08MP-08MJ	27	6602314	2	ADAPTER-HYD, BLKHD, 12MP-12MJ
12	Q458735	1	VALVE-HYD, RELIEF	28	6602313	1	COUPLING, HYD, HALF, -12, FEMALE
13	Q153069	2	CLAMP-HOSE	29	6602312	1	COUPLING-HYD, HALF, -12, MALE
14	Q0274993	5	NUT-LOCK, 3/8"	35	6601977	2	HOSE END, ST, 12FJX-08

Electrical Group, LED - Q519546

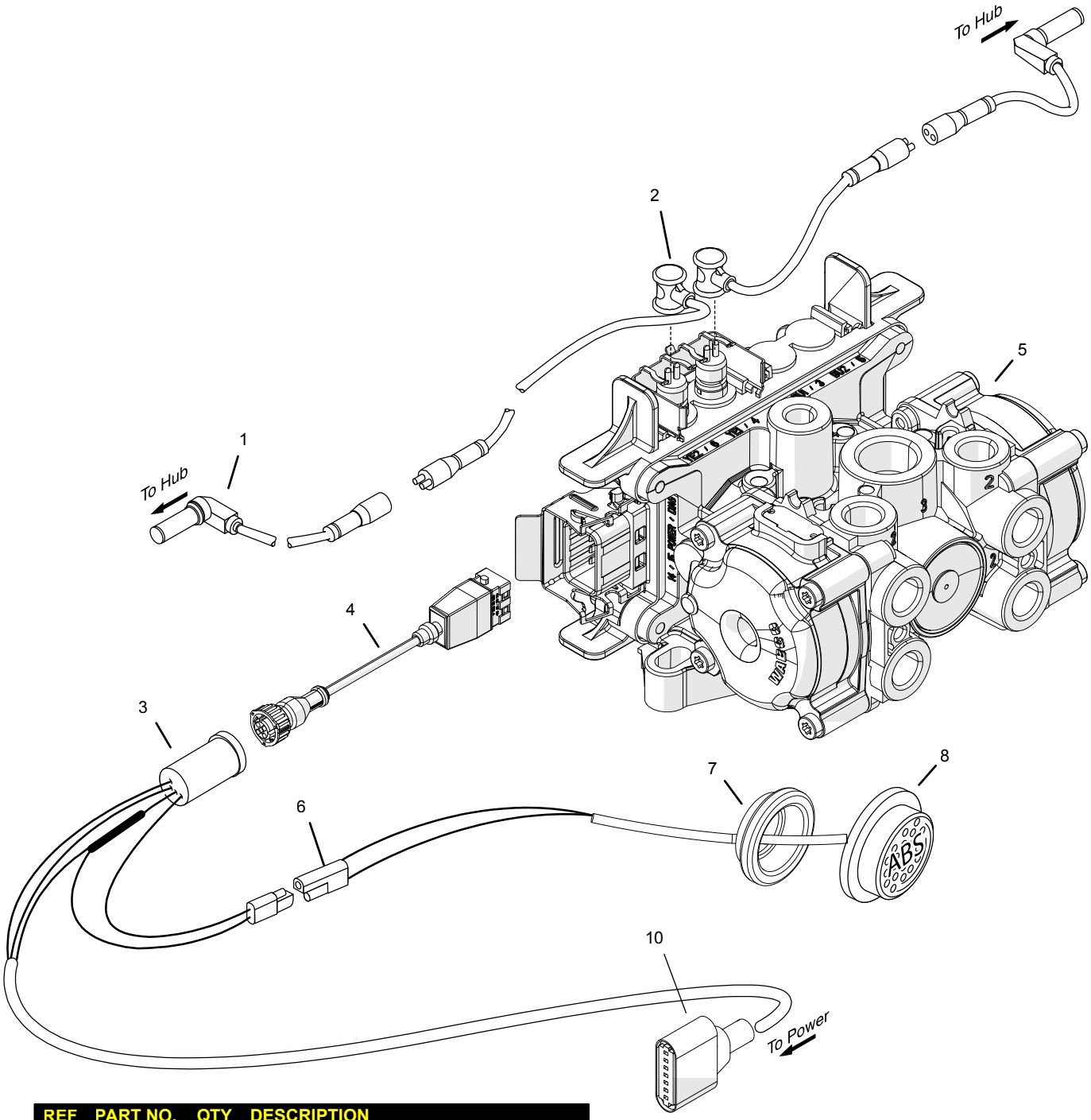


ELECTRICAL

REF	PART NO.	QTY	DESCRIPTION
1	Q402185	1	PLUG, 7-POLE WITH BOOT
2	Q018465	2	CPSCR-1/4 UNC X 1, GR5
3	Q015154	2	LOCKWASHER-0.25"
4	Q015054	2	NUT-HEX, FULL, 0.25"UNC
5	6702504	50'	CABLE-7 WAY
6	Q495725	2	DISTRIBUTION MODULE
7	Q492774	3	CONNECTOR ASM-3/4"
8	Q495726	4	CONNECTOR ASM-3/8", 2 COND. CABLE
9	6703128	2	HARNESS-MRKR/CLRNC, 2PLUG, LED
10	Q495728	4	CONNECTOR-FLAT, 3 COND. CABLE
11	6703460	1	HARNESS-TURN/TAIL, LED
12	6703285	1	HARNESS-BRAKE, LED
13	Q492775	5	CONNECTOR ASM-FILLER
14	Q495727	2	CONNECTOR ASM-0.5", 3 COND. CABLE
15	6703109	1	HARNESS-MARKER, S-T-T, RH, LED
16	6703110	1	HARNESS-MARKER, S-T-T, LH, LED
17	6702368	4	LAMP-M/C, MDL10, AMBER, 12V, LED
18	6703111	1	HARNESS-LOWER, ID LIGHT
19	6703112	1	HARNESS-CLEAR, MARKER, CENTER
20	6702116	1	BRACKET-LICENSE LAMP
21	Q478488	4	GROMMET-4" LAMP
22	6702369	5	LAMP-M/C, MDL 10, RED, 12V, LED
23	Q450083	9	GROMMET-2.5", CLEARANCE LIGHT
24	6702455	1	LAMP-LICENSE PLATE
25	6702364	2	LAMP-MDL 60 LED, T/S 12V
26	Q475295	2	GROMMET-OVAL
27	6703071	4	LAMP-STOP/TURN, TAIL, 6 DIODE, LED

Electrical Schematic - ABS 2S / 2M

Q513582



REF	PART NO.	QTY	DESCRIPTION
1	6451097	2	SENSOR ASM-441 032 808 0
1	6450956	2	SENSOR SPRING CLIP
2	6451076	2	CABLE-SENSOR, 1.8M LONG
3	6702506	1	HARNESS-ABS TL52100 X 120"
4	6703016	1	HARNESS-1M POWER CABLE
5	6451270	1	ECU/VALVE ASM-2S/2M STANDARD
5a	6451269	1	ECU/VALVE ASM, 2S/1M
5b	6451271	1	ECU/VALVE ASM, 2S/2M-4S/3M
6	6702507	1	HARNESS-ABS LAMP JUMPER-SR
7	6702151	1	GROMMET-MOUNTING
8	6702505	1	LIGHT-MARKER, 2" ABS, TL 30257Y
9	6700169	16	TIE-PLT-4 SCP-0, BLACK, EXTRA LONG
10	Q492775	1	CONNECTOR, 0.5" ID

Air Group - Brakes, Susp, 2S/2M ABS, Man. Exhaust

AIR GROUP

