

Illustrated Parts Manual

Model 522

10709907 October 1998



23450-1 MODEL 522 FINAL ASSEMBLY - Perkins/Standard Axle 23450-1A MODEL 522/4 FINAL ASSEMBLY - Perkins/Power Assist Axle

DRIVE TRAIN (Includes Axle and Transmission Sreakdown)

- 23452 Drive Train Assembly Perkins
- 23453 Radiator & Transmission Oil Cooler Assembly
- 23454 Throttle Assembly
- 23455 Air Cleaner Assembly
- 23456 Exhaust Assembly
- 23457 Engine Cover Assembly

STEER AXLE

- 23462 Rear Steer Axle Assembly Standard
- 23483 Rear Steer Axia Assembly Power Assist

Wheel Hub Breakdown

23464 Steer Cylinder Assembly

FRAME & PLATFORM

- 23465 Main Frame Assembly
- 23466 Operators Compartment Assembly

TELESCOPIC BOOM

23467 Telescopic Boom Assembly

UPPER HYDRAULICS

- 23468 Boom Hydraulic Assembly
- 23469 Boom Extension Cylinder Assembly
- 23470 Front Carriage Tilt Cylinder Assembly

LOWER HYDRAULICS

- 23471 Control Hydraulic Assembly
- 23472 Hoist Cylinder Assembly
- 23473 Frame Tilt Cylinder Assembly
- 23474 Joystick Handle & Cover Assembly
- 23475 Pump, Suction Return Hydraulic Assembly Standard
- 23476 Pump, Suction Return Hydraulic Assembly Power Assist Hydraulic Pump Drive Assembly
- 23477 Hydraulic Steering, Brake & Diff, Lock Assembly

BRAKES

23478 Service & Parking Brake Assembly

ELECTRICAL

- 23479 Electrical Assembly Perkins
- 23480 Wiring Diagram
- 23481 Electrical Assembly Power Assist

DECALS & ACCESSORIES

23484 Decai Group Assembly
Optional Equipment (Accessories)

FORK CARRIAGES(S)

GENERAL INFORMATION

The parts book assembly numbers and date appear in the lower right hand corner of each page. Each page also lists the machine serial number to assist in identifying the machine to which the parts book page applies.

The quantity shown in the "Oty." column is the number of parts used on that assembly. Where parts are referenced, the part shown is included in another assembly or part of another item. For certain parts such as shims, apacers, etc. an "A/R" will be shown in the "Qty." column. This "A/R" indicates that the quantity to be used is as required.

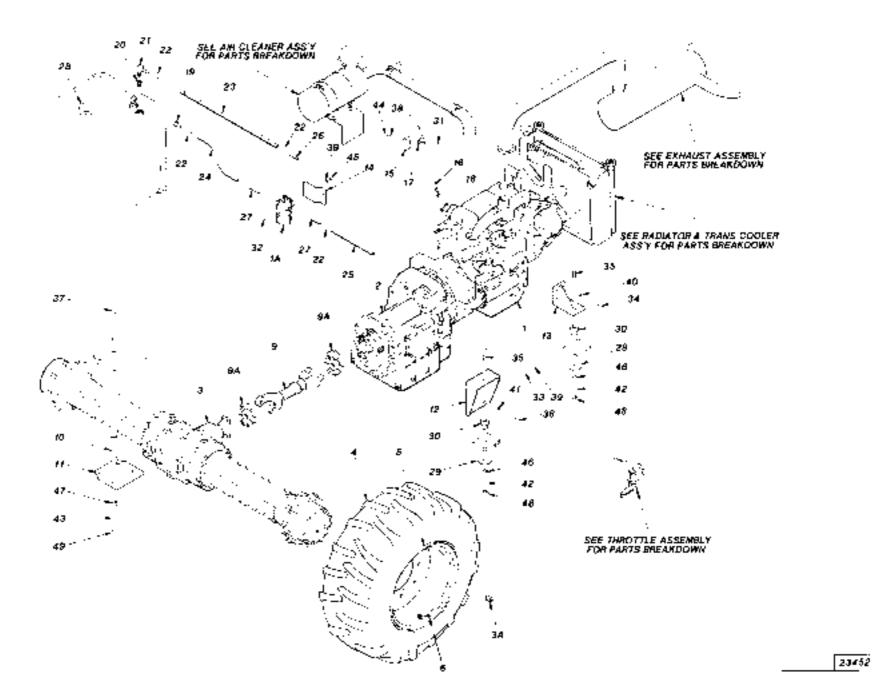
Always check illustration and parts listing page before ordering. <u>Never order from illustration alone.</u> When ordering parts, order by part number only and not by assembly number unless the complete assembly is desired.

The following abbreviations are used in this manual:

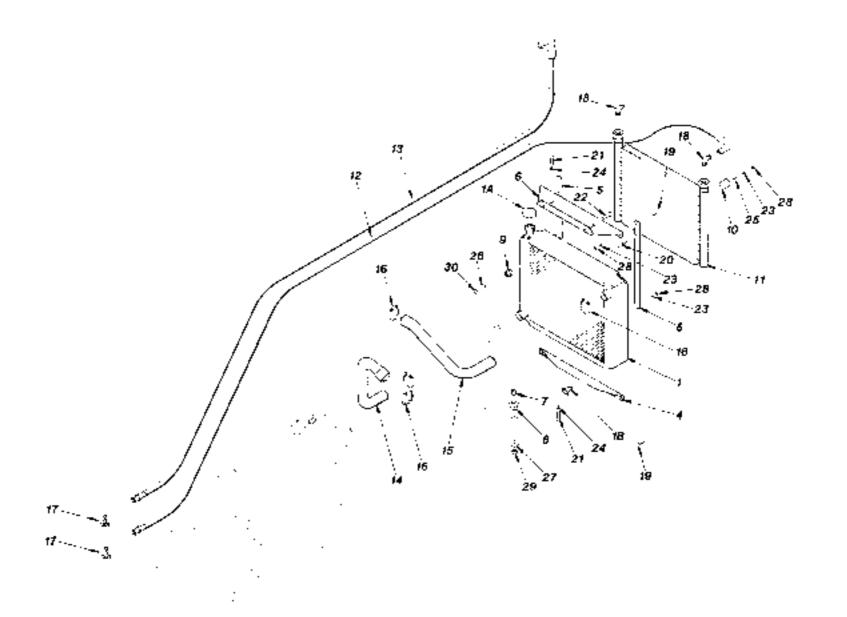
A/R = As Required N/A = Not Applicable N.L.A. = No Longer Available Ass'y = AssemblyNeg. = Negative Cont. = Continues Cvl. = Cylinder N.S.S. = Not Sold Separately O.D. = Outside Diameter Dia. = Diameter Osc. = Oscillation Diff. = Differential P/N = Part Number Ext. = Extension Pos. = Positive GA. ≔ Gauce Pt. = Point GR = Grade Hd. = Head REF = Reference Hx = HexReq. = Required Hyd. = Hydraulic A.F. = Right Front R.H. = Right Hand I.D. = Inside Diameter incl. = includes P.A. = Plight Rear Ad. = Hound Int. # Internal LG. = LongSlot. = Slotted L.F. = Left Front Soc. = Socket L.H. = Left Hand S/N = Serial Number L.R. = Left Rear Trans = Transmission

NOTE: Because of owner requirements, equipment variations may exist. It is therefore the owner's responsibility to contact his Lull dealer for specific information that is not covered in this parts book.

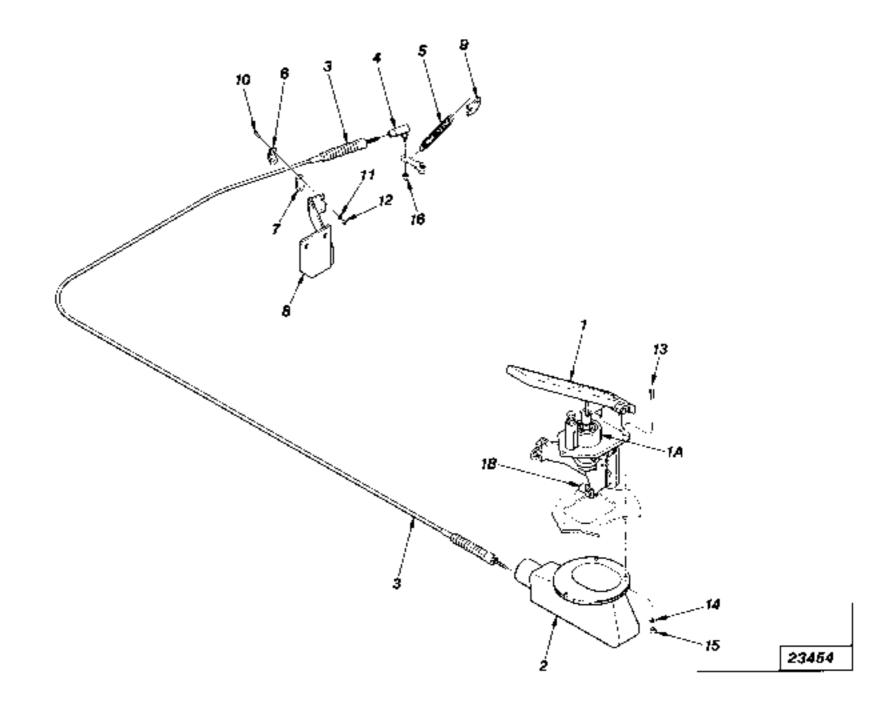
<u>WARNING:</u> Do not service or operate the Luli fork-lift without taking the necessary safety precautions. See Operator Safety and Operating Procedures in the Owner/Operator's Manual for this model.



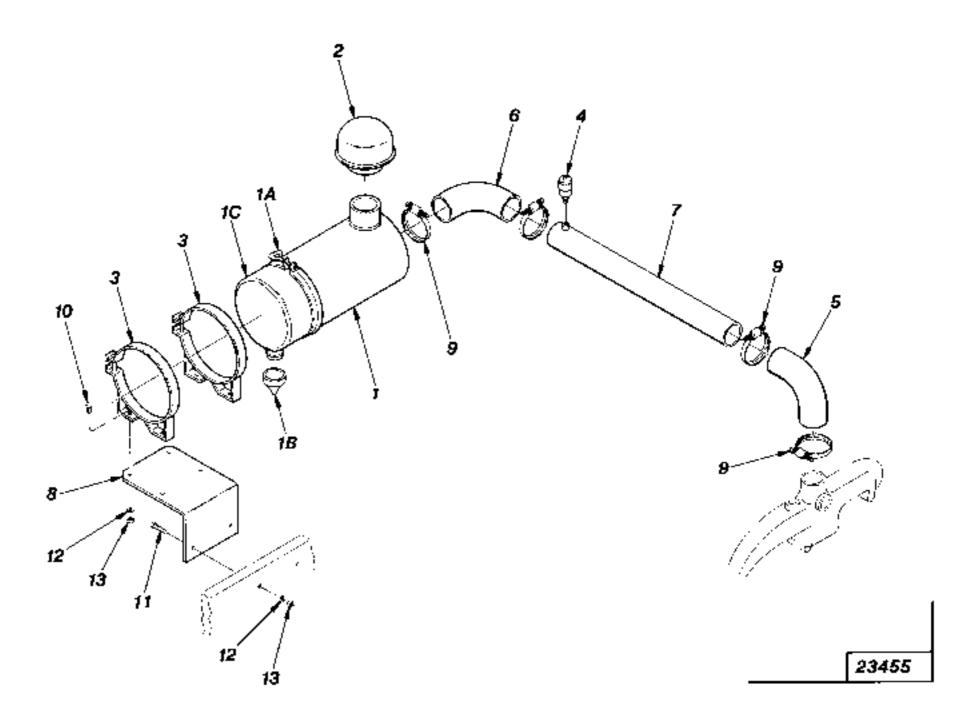
	PART				PART		
ITEM	NUMBER	OTY.	DESCRIPTION	ITEM	NUMBER	QTY.	DESCRIPTION
1 ,	P25257	1	Engine, Perkins 4.236	39	P01310	14	Lockwasher, 3/8'
14	P22203	REF	Pre Filter, Water Trap	40	P01311	6	Lockwasher, 7/16"
18	P28491	REF	Starter, Heavy Duly - 37 MT	41	P01314	l ă l	Lockwasher, 3/4'
2	P26320	1	Transmission	42	P01363	4	Starwasher, 5/8' - External
3	P26150	1	Axle, Drive	43	P01364	l à l	Starwasher, 3/4' - External
3A	P27000	REF	Lug Nul	44	P01507	1	Nut, Hx., 5/16'-18
4	P21660	2	Tire, 16.9 x 24 10 Ply	45	P01508	2	Nut, Hx., 3/8*-16
5	23373C	2	Wheel, Rim	46	P01535	4	Nut, Hx., 5/8*-18
6	P25387	. 2	Valve Stem	47	P01536	8	Nut, Hx., 3/4*-16
9	P21679	- I	Drive Shalt	48	P01585	4	Jam Nul, Hx., 5/81-18
9A	P18749	REF	Cross & Bearing (Includes Hardware)	49	P01586	8	Jam Nul, Hx., 3/4"-16
10	N11656	4	Spacer, Axie Pad		1		
11	23348B	2	Axie Pad	1	1		
12	23416B	2	Transmission Mount	1	1		
13	23420B	2	Engine Mount	1	1		1
14	23524A	1	Mounting Bracket, Water Trap	REF	P20995	-	Engine Oil Filter
15	2434 6 A	1 1	Support Bracket, Dipstick	1	1		-
16	P267\$6	1	Dipstick w/Tube	REF	P21601	-	Fuel Filter
17	P17554	1 1	Clamp, Dipstick	1	1		
18	P18936	1 1	Connector, O-Ring	REF	P19868	-	Transmission Fitter
19	P13619	1	Adapter, Pipe to Hose	1	1		
20	P10690	1 1	Reducer Bushing	1	1		1
21	P21317	፣	90° Elbow, Pipe to Hose	1	1		j
22	P14047	6	Hose Clamp	1	1		
23	A)N11832	1	Hose, Return Line 1/4" x 27" LG.	1	1		
24	N11574	1	Hose, Fuel Line 5/16" x 24" LG.	1	1		1
25	N11576	1	Hose, Fuel Line 5/16" x 14" LG.	1	1		1
26	N11416	1	Tube. 1/4' O.D.				
27	N11430	3	Tube, 5/16' O.D.				i
28	P12182	REF	Fuel Cap	1	NOTES:		
29	P20395	4	Snubbing Washer	1	A) Hose	s 15' Lon	ig, use N11573.
30	P18180	4	Aubber Mount				
31	P00100	1	Boll, Hx., 5/16"-18 x 1/2"				ì
32	P00205	2	Bolt, Hx., 3/8"-18 x 1 1/4"				i
33	P00206	12	Boll, Hx., 3/8"-16 x 1 1/2"				į
34	P00381	6	Bolt, Hx., 7/16'-20 x 1 1/2'			1 1	00450
35	P00689	4	Bolt, Hx., 5/6"-18 x 3 1/2" GR 8				23452
36	P00725	8	Bolt, Hx., 3/4'-10 x 1 1/2' GR 8	522 S/	N 101 THRU		4/89
37	P00784	8	Boll, Hx., 3/4'-16 x 8 1/2' GR 8				. 5.4
38	P01309] 1]	Lockwasher, 5/16"	DRIV	E TRAIN AS	SSEMB	LY (Perkins)



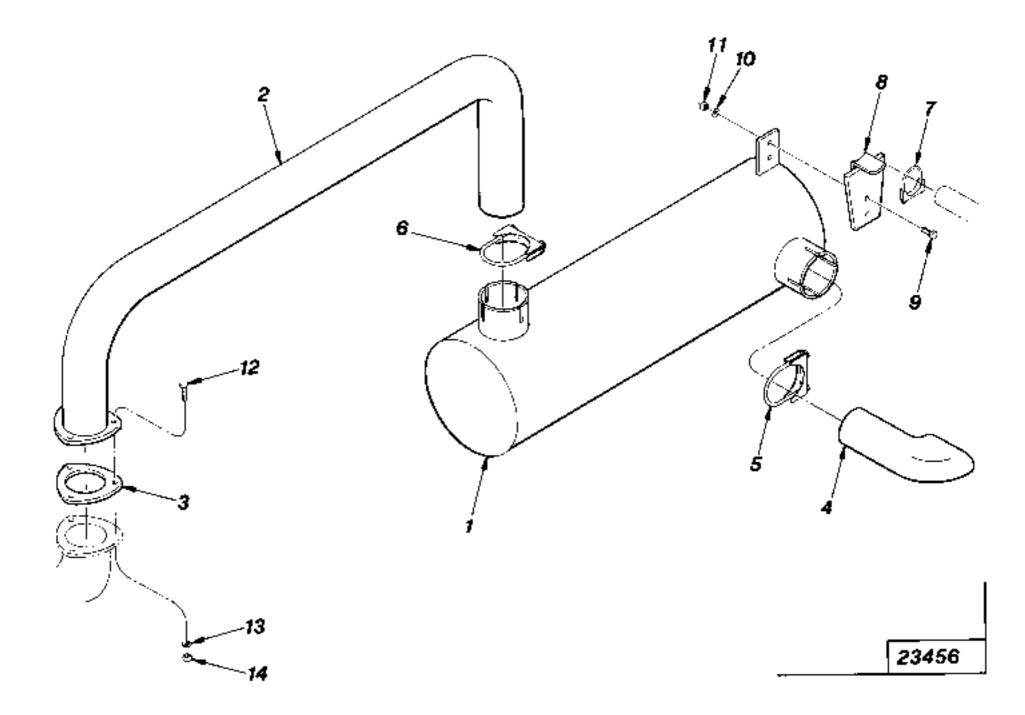
ITEM	PART NUMBER	QTY,	DESCRIPTION	ITEM	PART NUMBER	QTY.	DESCRIPTION	
1	P25512	1	Radiator					
iA	P17140	REF	Cap, Radiator					
18	P16675	REF	Drain Cock					
4	22374A	''-'	Bracket, Lower					
5	23563A	2	Bar, Cooler Mount		i			
, ě	22376B	1	Bracket, Upper		i			
] 7	P24305	2	Bushing					
8	P24306	2	Grommet, Rubber]			
e	P18723	2	Grommet					
10	P26312	4	Rubber Block					
11	P17598	i	Transmission Cooler			·		
12	P21353	1	Hose, Transmission Cooler, 75' Lg.			,		
13	P21923	1	Hose, Transmission Cooler, 63' Lg.					
14	P26074	1	Hose, Lower Radiator	ı				
15	P26318	1	Hose, Upper Radiator			[
16	P10601	4	Hose Clamp		ŀ			
t7	P17802	2	90° Elbow, O-Ring		ŀ	!		
18	P17808	2	90° Elbow, JIC - Pipe		į			
19	P00102	4	Bort, Hx., 5/16'-18 x 3/4"					
20	P00111	4	Bolt, Hx., 5/16*-18 x 2 3/4*					
21	P00202	4	Bolt, Hx., 3/8"-18 x 3/4"					
22	P00204	2	Bolt, Hx., 3/8"-16 x 1"					
23	PQ1309	8	Lockwasher, 5/16"					
24	P01310	4	Lockwasher, 3/6'					
25	P01453	4	Flatwasher, 5/16' - Fender	i		!		
26	P01404	2	Flatwasher, 3/8"					
27	PQ1439	2	Flatwasher, 5/8' SAE	i		1		
28	P01507	8	Nut, Hx., 5/16'-18	ļ			!	
29	P01510	2	Nut, Hx., 1/2'-13				·	
30	P01658	2	Locknut, Hx., 3/8'-16					
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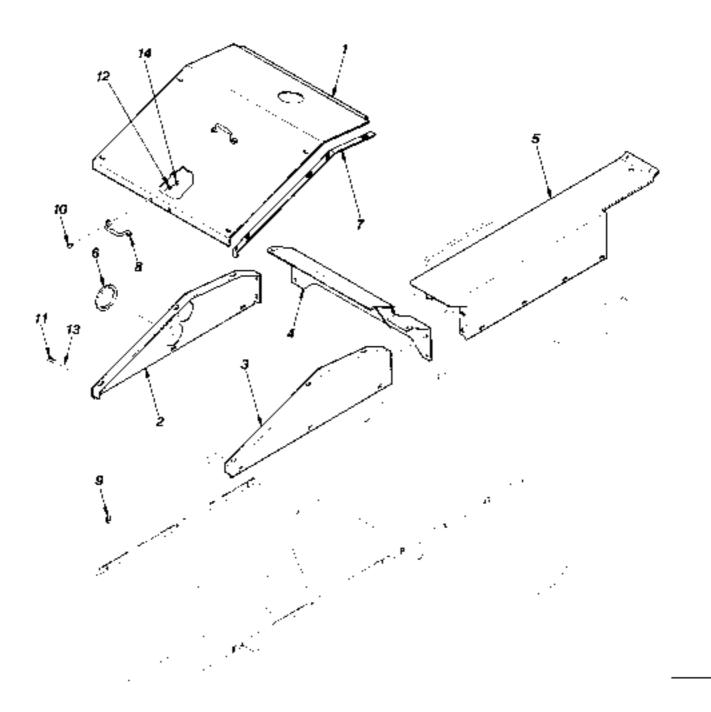
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f	P19263	1	Accelerator Pedal	1	į	:		
1A	P20069	REF	Bellows	1	j	'		
t₿	P20072	REF	Clevis Kit	1	į			
2	P19268	1	Bool Guard	l	i			
3	P21773	1	Cable, Throffle	l	ļ			
4	P10505	1	Balt Joint	l	1			
5	P21260	1	Spring	l	ļ			
6	P17678	1 !	Clamp, Cable	l	1			ļ
7	P19128	1	Shim	l	!			
8	227278	1	Bracket, Cable Support	l				
9	17786A	1	Spring Anchor	l				
10	P02057	2	Screw, Rd. Hd., #10-24 x 3/4"	l	i			
11	P01306	2	Lockwasher, #10	l				}
12	P01504	2	Nut, Hx., #10-24	l				
13	P00005	3	Boll, Hx., 1/41-20 x 1"	l				
14	P01308	3	Lockwasher, 1/4"	ŀ				
15	P10506	3	Nut, Hx., 1/4"-20	l				
16	P01529	ı	Nut, Hx., 1/4"-28	1				
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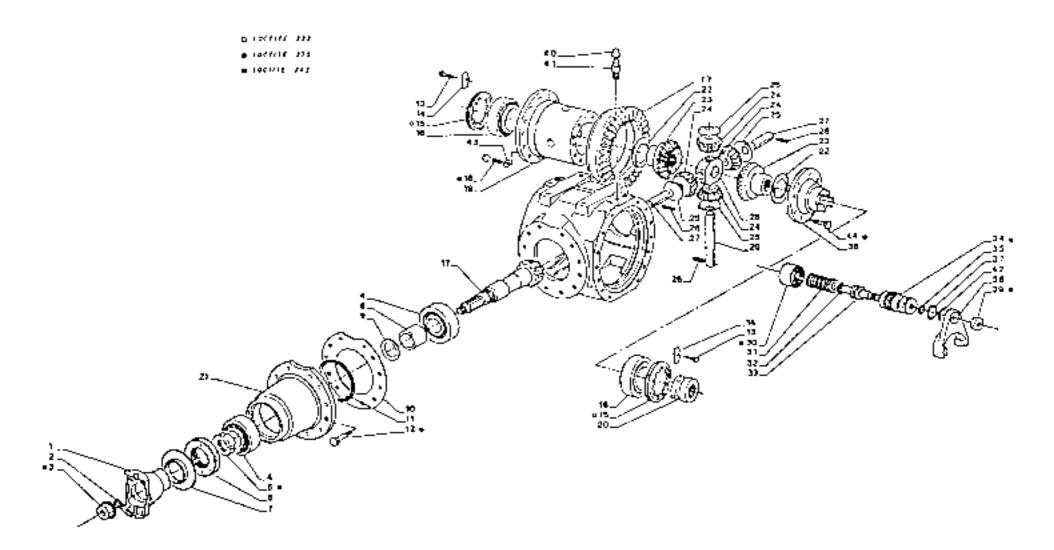
	PART				PART			
ITEM	NUMBER	QTY.	DESCRIPTION	ITEM	NUMBER	GTY.	DESCRIPTION	
1 1	P12163	1	Air Cleaner					
1A	P20499	REF	Clamp					
18	P20342	REF	Veculator Valve					
10	P19727	REF	Vaculator Cup		ļ			
10*	P17340	REF	Baitle		1			
1E*	P18169	REF	Thumb Screw					
1F*	P12179	REF	Filter Element					
2	P12164	1	Rain Cap					
3	P12165	2	Mounting Bend					
4	P21485	1	Service Indicator (Includes Fitting)					
5	P24314	1 1	90° Elbow, Rubber					
6	P26511	1 1	90° Elbow, Rubber			,		
7	235148	1 1	Intake Tube		<u> </u>	[
6	234398	1 1	Support Bracket		ļ			
9	P10553	4	Hose Clamp			l		
10	P00202	4	Bolt, Hx., 3/8'-18 x 3/4'		į	l		
11	P00206	, 2	Bolt, Hx., 3/6"-16 x 1 1/2"			l		
12	P01310) в	Lockwasher, 3/8"			l		
13	P01508	8	Nut. Hx., 3/8'-16		ļ.	l		
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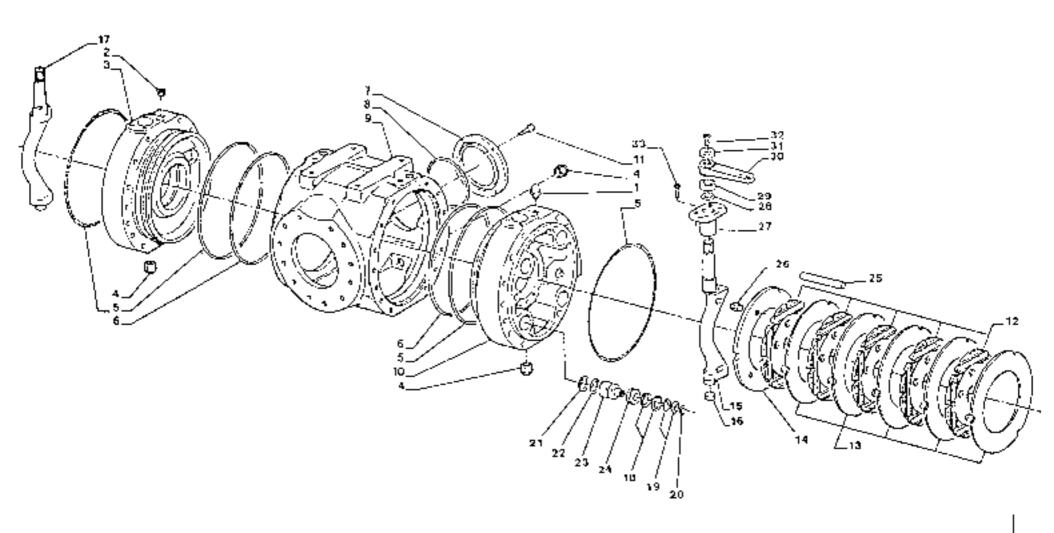
ITEM	PART NUMBER	QTY,	DESCRIPTION _	ITEM	PART NUMBER	QTY.	DESCRIPTION	
1	P26268	1	Muttler					
2	P28514	i i I	Exhaust Pipe					
3	P26217	1	Gasket					
4	23371A	1	Tail Pipe					
5	P26022	1	Muffler Clamp, 2 3/4*					
6	P12169	7	Muffler Clamp. 2 1/2"					
7	P15470	1	Muffler Clamp, 1 1/4"			}		•
8	P19280	1	Hanger, Muffler					į
9	P00104	2	Bolt, Hx., 5/16*-18 x 1*	1				- 1
10	P01309	2	Lockwasher, 5/16"	1	l			- 1
11	P01507	2	Nul, Hx., 5/16'-18		İ	!		- 1
12	P00206	3	Bott, Hx., 3/8"-16 x 1 1/2"					- 1
13	P01310	3	Lockwasher, 3/8"					- 1
14	P01508	3	Mul, Hx., 3/8"-16	į.				- 1
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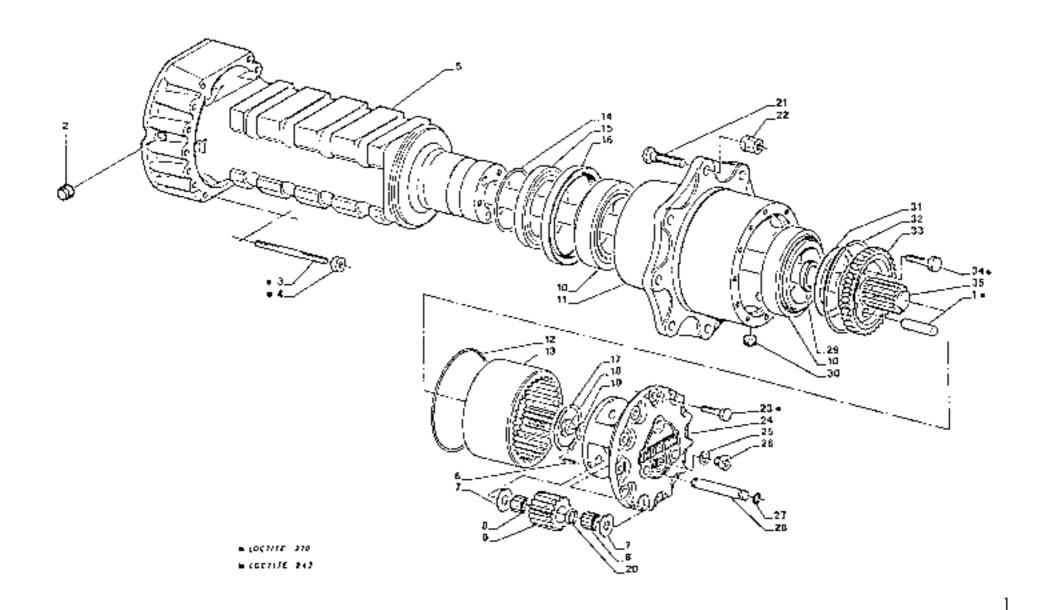
ITEM	PART NUMBER	QTY.	DESCRIPTION	ITEM	PART NUMBER	QTY.	DESCRIPTION	
	HOWBER	Va 1112	Descriii Wolf	T	1	<u> </u>		
1	24404C	1	Engine Cover	1				
2	24405C	1	Support Panel, Right	1				
3	24406C	1	Support Panel, Left	1				
4	24408B	1	Rear Cover Panel	1				
5	24348C	1	Cover Panel, Exhaust	1				ļ
6	N11595	1	Edge Trim	1				
7	N11596	2	Sponge Gasket	1				
6	P26713	2	Grab Handle	1				
9	P20459	20	Speed Nut	1				,
10	P02054	4	Screw, Slotted Rd. Hd., #10-24 x 1/2	1	ŀ			;
11	P02157	24	Screw, Slotted Rd. Hd., 5/16"-18 × 3/4"	1	į.			ŀ
12	P01306	4	Lockwasher, #10	1				ļ
13	P01358	24	Sterwasher, 5/16' - External	1				
14	P01504	4	Nut, Hx., #10-24	l				-
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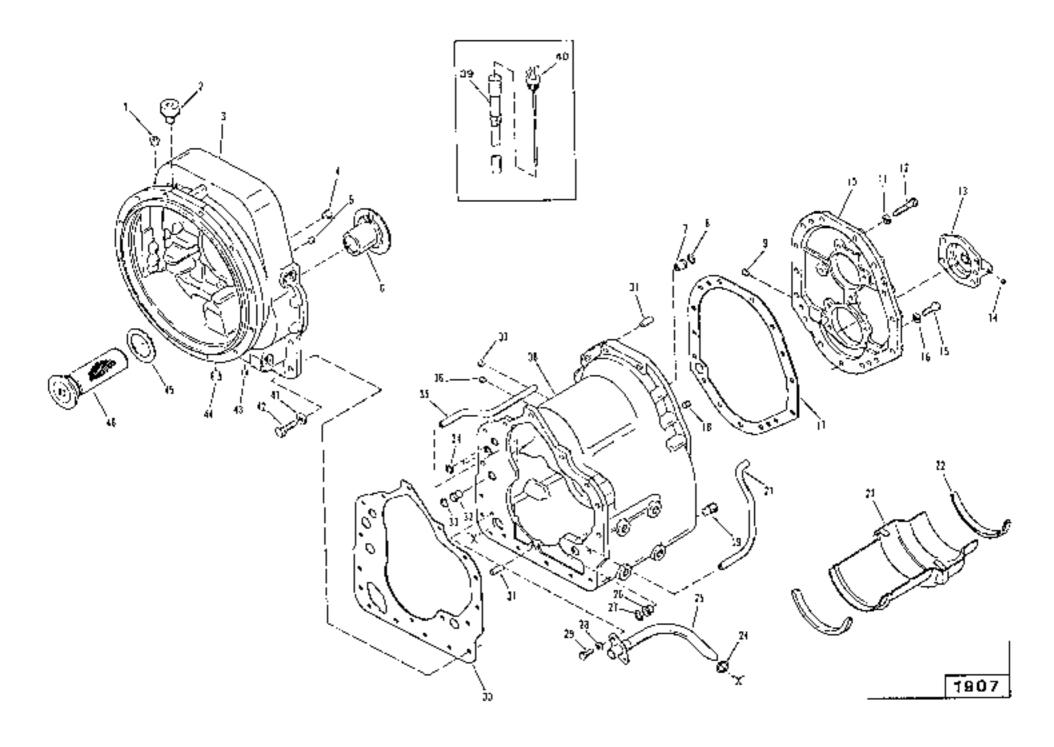
ITEM	PART NUMBER	07Y.	DESCRIPTION	ITEM	PART NUMBER	QTY.	DESCRIPTION
		. [
!	P27037	1	Yoke Flange	33	P27061	1	Piston
2	P27004	1 1	O-Hing	34	P27062	2	Cylinder
3	P27058	1 }	Nut, Pinion	35	P27010	1	O-Ring
4 1	P270:8	2	Bearing	36	C)P20989	1 1	Differential Case Cover
5	P2709A	1	Ring Nut	37	P27000	1	O-Ring
6	P27002	1	Seal	38	P27060	1	Lever
7	P27099	1	Cover Plate	39	P26997	1	Jam Nul
_ B	P27094	ן י	Spacer	40	P25654	2	Cap Plug
1 1	P27095	- ļ	Spacer	41	P25627	2	Extrausting Boll
	P27096	- 1	Spacer	42	P27012	t i	O-Ring
	P27097	1 .	Spacer	43	P26994	16	Spring Washer
9	P27021	1	Shim - 0.35mm	44	P04228	8	Bell, Hx., M12-1.75 x 30mm
	P27022	'	Shim - 0.40mm	45*	G)8269#8	2	Spacer
.	P27C23	-	Shim - 0.45mm				
l	. F27024	-	Shim - 0.55mm				
10	P27045	1	Shian		į		
	P27046	•	Shim		1		
:	P27047	-	Shim				
11 .	P27006	1	Q-Ring			l	L
12	P04203	12	Bolt, Hx., M12 -1.75 x 30mm	!	MOYEC.		•
13	P04051	2 .	Bolt, Hx., M6-1 x 10mm	l	NOTES:	D - 1- D -	
14	P27065	2	Lock Plate	ļ			rriers, Items 18 & 19 must be purchase
15	P27049	. 2	Ring Nut	1	for reg		. 40 Pale Camina
16	F)P26991	2	Bearing		, ,		12 Bolt Carriers.
17	A)P27066	1	Ring Gear & Pinion				rriers, Items 17 & 18 must be purchase
18	U)P26992	15	Bolt, Hx.		for rep		D47467
19	C)P27048	ī	Differential Case				use P27057.
20	D)2 26 967	1	Change Selector			-	use P27067.
21	P27044	1	Searing Cap Retainer	ł	1 '		use P27017.
22	P27056	2	Thrust Washer, Gear	1	G) Not us	ea 5/N "	000".
23	P27051	2	Olfferentiat Side Gear	l			
24	P27050	4	Pinion Gear	ļ			
25	P27055	4	Thrust Washer, Pinion	1	$1_{000} = 20$	N 101 -	116, 121 - 123, 126 - 131, 134 - 152, 159 = 161.
25	P27034	i J	Roll Pin]			
27	P27053	2	Pln, Gear		I		
26	927054	1	Retainer, Pin		I		1004 8
20	P27052	2	Pin, Gear				1904-A
30	P27063	٦	Relainer, Spring			ustrated	
31	P27064	1	Spring	522 S	/N 161 THRU		4/89
32	P27011	[1	O-Ring	FRO	NT DRIVE A	XLE AS	SSEMBLY (Hurth)



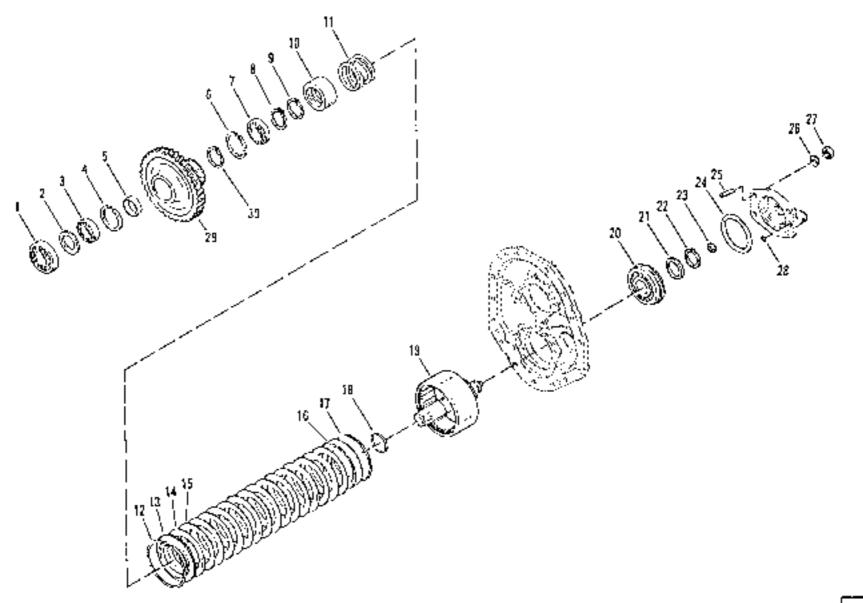
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				1		, <u></u>	DESIGNATION	<u> </u>	 -
1 !	P25653	1	Ven:	1		1 :			
2	P26998	2	Plac Plug	1		•			
1 3	P27042	ſ	Axia Case	1					
4	P25657	3	Plug, Magnet	1					
5	P25602	4	Seal		,				1
- 6	P27013	2	O-Ring		į				
7	P25601	1	Cover		ļ				
8	P25553	1	O-Ring		i				
9	P27040	1	Case, Differential		i				
10	P27043	1	Axie Case		1				
11	P25669	4	Bolt, Socket Hd., Mg - 1,25 x 12mm		1				
12	P27092	10	Brake Disc		ŀ				
13	P27083	10	Brake Disc, Intermediate]	1				
14	P27084	2	Spacer]	;				
15	P27080	1 1	Brake Lever]	•	<u> </u>			- 1
16	P27036	2	Plug	i					
17	P27081	[1]	Brake Lever	l		!			Į
1.8	P27C90	16	Snap ring	l		-			
19	P27020	16	Cup Spring	l					[
50	P27014	8	Circlip	ł		ŀ			ĺ
21	927088	В	Ring	į			•		j
22	P27087	В	Ring						- 1
23	P270 8 5	B	Piston	·					ı
24	P27089	8	Ring						
25	P27086	6	Pin _	1 1					
26	P27091	4	Pusher	 					
27	P27082	2	Flange						J
28	P27003	2	Ö-Ring						}
29	P27093	2	Spacer						- 1
30	P27039	2	Change Lever						
31	P27059	2	Spacer						
32	P26995	2	Bolt, Countersunk, M8 -1.25 x 18mm	1					- 1
33	P04852	a	Bolt, Socket Hd., MB-1 x 16mm	1	;				i
	i				ĺ				l
		<u>'</u>							l
1						i			
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1				522 S/	N 10 E THRU	<u> </u>			4/89
		[(IE AC	SEMBLY (Hurth)		700
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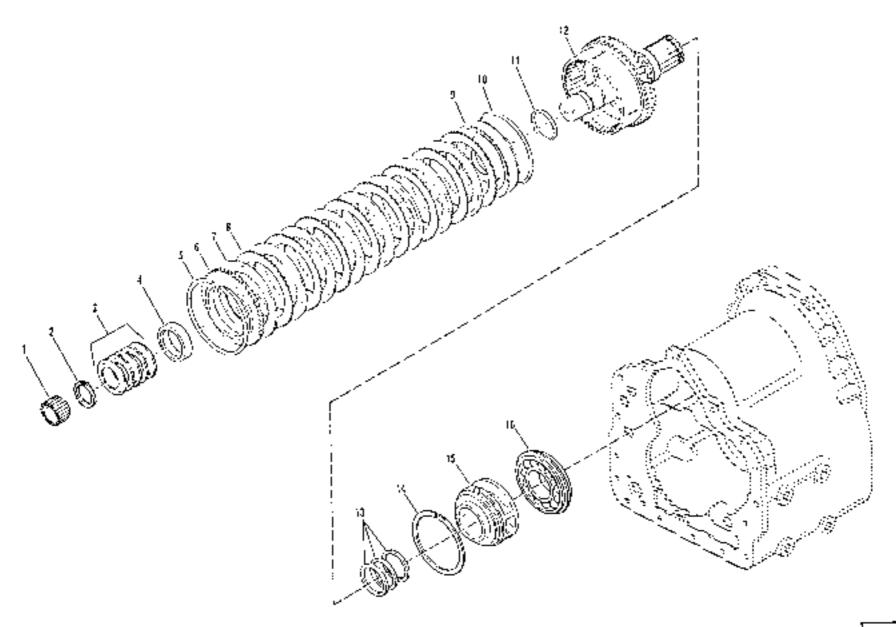
ITEM	PART NUMBER	ΔTV	DECCOUNTION		PART		
	HUNIDEN	ΩTY.	DESCRIPTION	ITEM	NUMBER	GTY.	DESCRIPTION
1 1	P27076	8	Dowel	34	Doctor	ا ہا	Male dia harana an
2	P25658	ž	Plug	35	P26996	В	Bolt, Hz., M14-1.5 x 45mm
]]	P27078	28	Stud	1 35	P27068	2	Half Shaff
4	P25573	28	Nut, Hx., M12 - 1.75				
5	P27041	z	Axie Case, Lateral				
5	P27035	2	Roll Pin			l i	
7	P27074	52	Washer, Keyed	1		1	
8	P27019	12	Needle Bearing] }	
9	P27071	6	Planet Gear			1	
10	P25564	4	Bearing				
11	P27079	2	Wheel Hub				
12	P27008	2	O-Rang				
13	P27070	2	Ring Gear				
14	P27007	2	O-Ring				
15	P27075	2	Spacer			1	
16	P25558	2	Seal			li	
17	P27015	2	Circlip	. ! .		1 1	
18	P25656	2	Plog	!			
19	P25586	A/R	Shim010mm				
ł ⁻ I	P27030	-	Shim02cmm				
	P27031	.	Shim030mm			1 1	
	P27032	-	Shim050mm				
	P27033	-	Shim - ,100mm				
20	P27077	6	Spacer				
21	P26999	16	Wheel Stud				
22	P27000	16	Wheel Nut				
23	P25661	24	Boll, Hx., M12 - 1.75 x 30mm				
24	P27069	2	Drive Flange			. 1	
25	P26993	2	Seal Washer			!	
26	P27036	2	Plug			1	
27	P27005	6	O-Ring			1	
28	P27073	6	Pin, Planet Gear			1	
29	P27001	2	Seal	1 1			
30	P25659	2	Pipe Plug	1			
31	P27025	A/R	Shim - 0.15mm	1 1		;	
	P2702 6	-	Shim - 0.20mm			†	
<u> </u>	P27027	-	Shim - 0.25mm				1906-A
.	P27028	-	Shim - 0.30mm				
32	P27016	2	Snap Ring	522 \$/I	N 101 THRU		4/89
93	P27072	2	Ring Gear Support	· · · · · · · · · · · · · · · · · · ·		KLE AS	SEMBLY (Horth)



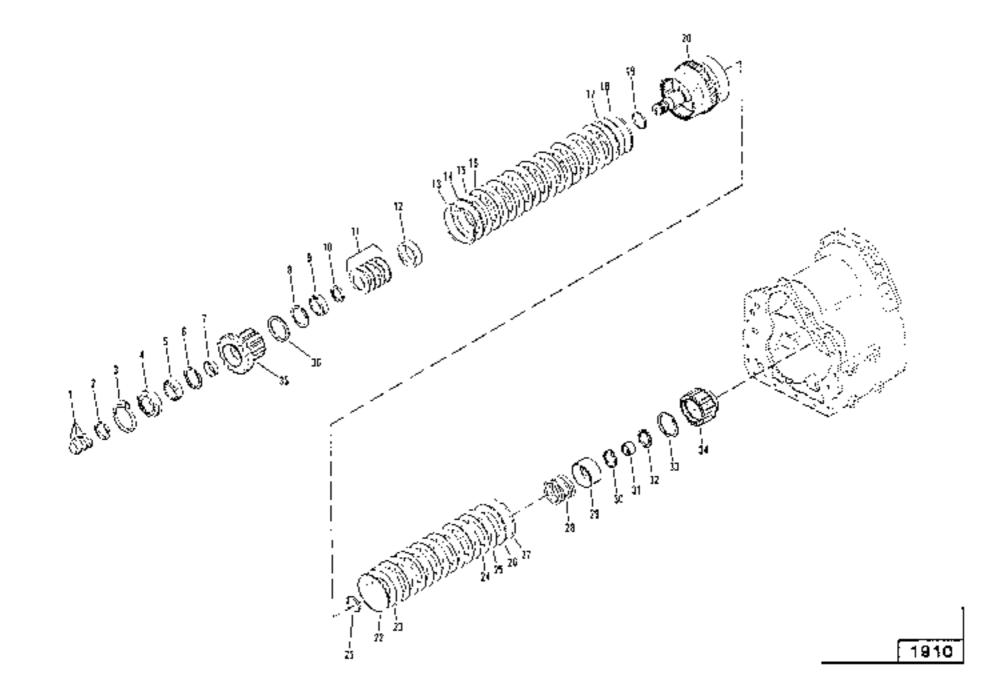
ITEM	PARY NUMBER	OTY.	D#SCRIPTION	ITEM	PART NUMBER	ĠŦY,	DESCRIPTION
		T		r '''''	THIPARE PE, IN	Cr.,	DESCRIPTION
t l	P26940	1 1	Pige Plug	41	P20503	16	Lockwasher, Housing to Case
2	P25930	1	Air Breather	42	P20590	16	Screw, Housing to Case
3	A)P26906	1 1	Converter Housing	43	P269J9	1 1	Pipe Plug
4	P20586	1 1	의 Pipe Plug	44	P20586	i	Pipe Plug
5	P20939	1	Pipe Plug	45	P20593	1 1	Gasket, Screen
6	P20588	1 1	Sleeve, Converter Housing	46	P20594	1 1	Screen
7	P20597	1 1	Tube Siecve				
8	P20596	1	O-Ring				
9	P26939	1 1	Pipe Plug				
10	P26908	1	Rear Cover (Includes Item 9)				
11	P20503	9	Lockwasher				
12	P23402	9	Screw, Rear Cover To Caso				
13	P26910	1 i	Rear Bearing Cap (Includes Item 14)				
14	P20707	1	Plug				
15	P20590	6	Screw, Rear Cover to Case				
16	P20503	6	Lockwasher				
17	P26902	1 1	Gasket, Rear Cover				
18	P26940	1	Pipe Plug				
19	P20614	2	Drain Plug, Magnetic				
21	P25920	1	Clutch Lube Tube				
22	P26904	2	Seat, Oil Baitte				
23	P26903	1	Oil Battle				
24	P23311	1 1	O-Ring, Suction Line				
25	P26901	1	Suction Tube		HOTEO		
26	P20627	1	Tube Sleeve		NOTES:		
27	P20596	1	O-Ring, Pressure Tube		A) For S	/N 101-	· 223, use P26933.
28	P20621	2	Lockwasher		i		
29	P20622	2	Screw, Suction Line Retainer			1 1	
30	P20595	1 1	Gasket, Converter Housing]			
31	P20607	3	Dowel Pin		1		
32	P20597	1	Tube Sleeve				
33	P20596	1	O-Ring, Pressure Tube]	1		
34	P20501	2	O-Ring, Clutch Pressure	1			
35	P10601	1 1	Low Speed Clutch Pressure Tube		ļ		
36	P26940	1 1	Pipe Plug	•			
37	P26957	1 1	Pipe Plug				
. 38	P26921	1	Transmission Case	l			[1907-A
			(Includes Items 7, 21 - 26, 28, 29, 32, 35)		<u> </u>		
39	P26951	1	Dipstick Tube	522 5/	N 101 THRU		4/89
40	P2 6 951	ı	Dipstick	THAN	SMISSION	CASE	GROUP ASSEMBLY



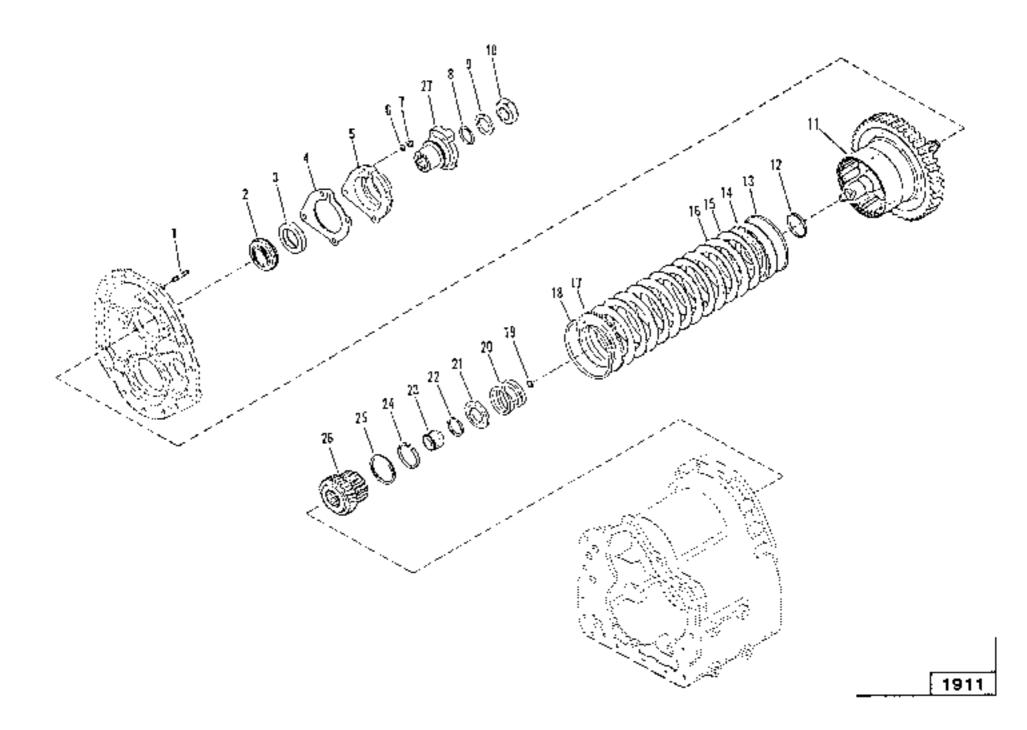
пем	PART NUMBER	QTY.	DESCRIPTION	ITEM	PARY NUMBER	ĊΤΥ,	DESCRIPTION		
				T					
1 1	P20661	1	Low Speed Clutch Shaft Front Bearing	1		!!			
3	P20662 P20663	1 t	From Bearing Spacer	1		1			
4	P20664	t	Low Speed Gear Bearing	1		!			
5			Locating Ring	1		1		1	
	P20665	1	Low Speed Gear Spacer	1					
6 7	P20664	1 1	Locating Ring						
l á	P20663 P20651	1	Low Speed Gear Bearing		,				
-	·		Retaining Ring		ł.				
9	P20643	1	Spring Retainer Snap Ring		1				
10	P20644	1	Spring Retainer		1				
12	P20645	1	Platon Return Spring	,	ļ	!			
13	P20773	1	Backing Plate Snap Hing		!	!			
	P20774	1 1	Clutch Disc Backing Plate		!	1 ;			
14	P26905	8	Clutch Inner Disc	1	l	1			
15	P20776	8	Clutch Outer Disc	j	!	;			
26	P20777	i !	Clutch Piston	}		;	1		
:7	Р20778	1	Outer Clutch Piston Ring	•	1		1		
18	P20779	j 1	Inner Clutch Piston Seat	1	1		i		
19	P26915] 1 1	Low Clutch Shaft Drum & Bleed Valve	}	ļ				
20	206 9 8	1	Low Speed Shaft Rear Bearing	,	1				
21	P20699	[1 .	Rear Bearing Support Washer		1				
22	P20551	1 1	Rear Bearing Retaining Ring	t	ļ	!			
23	P20701	, 1	Low Shaft Piston Ring		1	1			
24	P20702	1 1	Rear Bearing Cap O-Ring	•					
25	P26937	4	Bearing Cap Stud	}	1		Ì		
26	P20503	4	Bearing Cap Stud Lockwasher	1					
27	P20507	4	Bearing Cap Stud Nut		•				
2B ·	P20708	1	Bearing Cap O-Ring		1	:			
29	P26963	1 1	Low Shaft Gear (Includes Item 30)		1				
30	P26945	(1	Retaining Ring		ļ				
i		§			•	[•			
1 :		1		Ţ	•				
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				522 S/N 101 THRU 4/89					
L				LOW SPEED SHAFT GROUP ASSEMBLY					



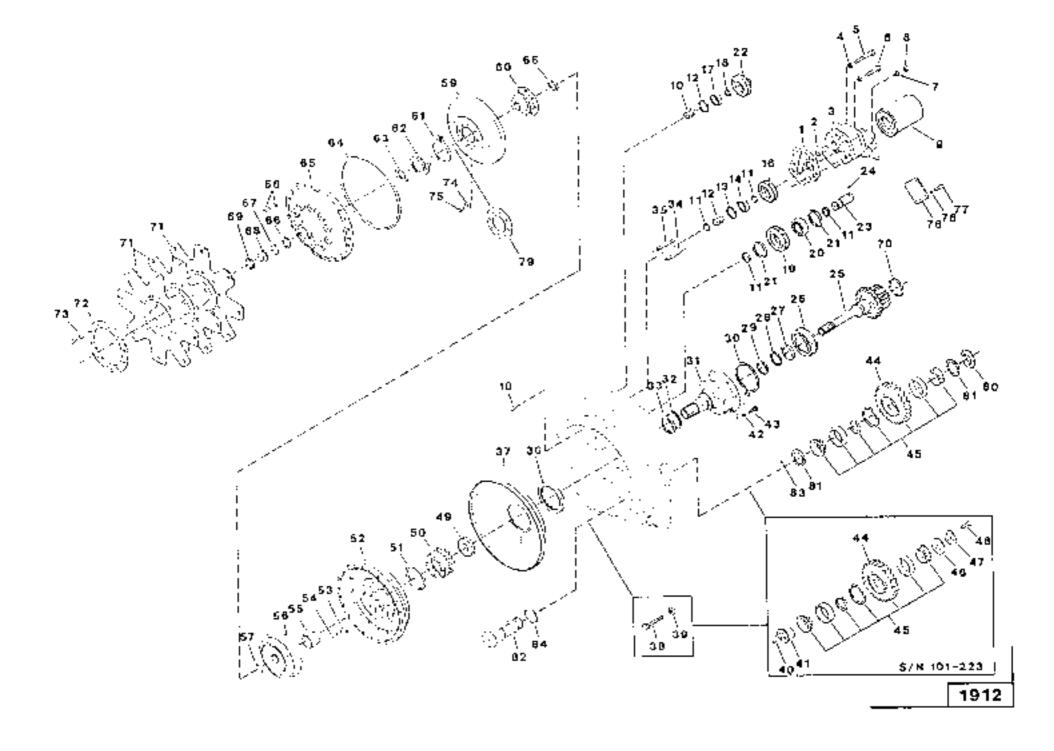
ITEM	PART NUMBER	QTY.	DESCRIPTION	ITEM	PART NUMBER	OYY.	DESCRIPTION	
				1.1.1,111	l l		description	
1	P20660	1	Forward Shaft Pilot Bearing		ł .			
2	P26919	1	Spring Retaining Snap King		i			
3	P25917	5	Piston Return Spring				·	
4	P26916	1	Piston Return Spring Spacer		Į.			
, 5	P20773	1	Backing Plate Snap Ring					
5	P20774	1	Clutch Disc Backing Plate	•				
7	P26912	6	Clutch Inner Disc	1				
1 8	P20776	8	Clutch Outer Disc	- 1	ļ			
1 9	P20777	1	Clutch Piston	1	Ì			
10	P20778	1	Clutch Piston Ring - Quter	1	1	.		
11	P20779	1	Clutch Piston Seal - Inner	1	1		į	
12	P26918	1 1	Forward Shaft Drum	1	1		<u>!</u>	
13	P20693	[4	Forward Shaft Piston Ring	1	1		į	
14	P20694	1 1	Platon Ring Sleeve Retaining Ring	1	1			
15	P20695	1 1	Piston Ring Sleeve	1	1		;	
76	P26948	[1	Forward Shaft Rear Bearing]	·		
!		!			1			
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		}		522 S/N 101 THRU 4/89				
				FORWARD SHAFT GROUP ASSEMBLY				



ITEM	PART NUMBER	_ατγ.	DESCRIPTION	ITEM	PART NUMBER	ΩTY.	DESCRIPTION		
[.]	.			Ţ	l •				
1 1	P20633	3	Reverse & 2nd Shaft Piston Ring	•	1	i			
2	P20634	2	Front Bearing Retaining Ring	ĺ		1		Į.	
] 3	P20635	1	Front Bearing Snap Ring	1		(}		
1 4	P20636	1	Reverse & 2nd Shaft Front bearing	1		1 1			
5	P23424	1 1	Clutch Driven Gear (Jearing	1		-		i	
6	P20638	1 1	Bearing Retaining Ring	1]	
7	P20639	1 1	Clutch Driven Gear Bearing Spacer	1				1	
. 8	P20638	1	Bearing Retaining Ring	1				1	
3	P20637	1	Clutch Driven Gear Bearing	1					
10	P26919	l i	Spring Retainer Snap Ring		ļ				
11	P26917	5	Piston Return Belleville Springs						
12	P26916	1	Piston Return Spring Spacer		Į.				
13	P20773	T	Backing Plate Snap Ring		[
14	P20774	τ	Clutch Disc Backing Plate		ľ				
15	P26912	8	Clutch Inner Disc		ŀ				
16	P20776	8	Clutch Outer Disc	1	•				
17	P20777	:	Clutch Piston		i				
18	P20778	1	Outer Clutch Piston Seal		;				
19	P20779	1	Inner Clutch Piston Scal		ļ				
20	P26950	1	Réverse & 2nd Shaft						
21	P20779	1	Inner Clutch Piston Seal		ţ				
22	P20778	1	Outer Clutch Piston Seal		[
23	P20516	1 1	Clutch Piston		!				
24	P20776	-6	Clutch Outer Disc		!				
25	P26912	G	Cluich Inner Disc		!			1	
56	P20774	1 1	Clutch Disc Backing Plate		1			1	
27	P20773	1 1	Backing Plate Snap Ring		1				
28	P20645	1 1	Piston Return Spring						
29	P20544	1 1	Spring Retainer		1				
30	P20643	1 1	Spring Retainer Snap Ring		1				
31	P20650	1 1	Reverse & 2nd Shall Rear Bearing		1				
32	920651	1 1	2nd Clutch Disc Hub Snap Ring		1				
33	P26945	1 1	Retaining Ring		1				
34	P26946	1 1	2nd Clutch Disc Hub (Includes Item 33)		I				
35	P26961	1	Reverse Clutch Gear (Includes Item 36)		I				
36	P26945	1	Retaining Ring		I				
								1910-A	
,				\$22 S/N 101 THRU 4/89					
<u> </u>				REVERSE & 2ND SHAFT GROUP ASSEMBLY					

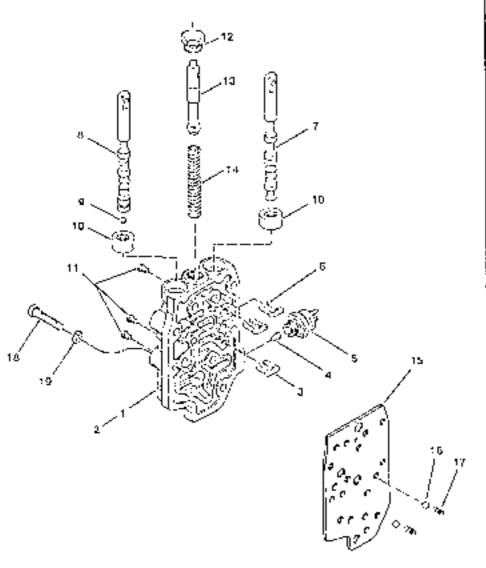


ITEM	PAH7 NUMBER	ΩTY.	DESCRIPTION	ITEM	PART NUMBER	OTY.	DESCRIPTION		
l .	Docasa	١. ١	Output Base Baseles Con Breed						
2	P2593\$	4	Output Rear Bearing Cap Stud					- 1	
	P26953	1	Output Shaft Rear Bearing		L			- 1	
3 4	P26909 P26907	1 1	Rear Bearing Cap Dit Seat		ŀ			l.	
5	P26949	;	Rear Bearing Cap Gasket	ŀ				ĺ	
В	P\$1922	4	Output Shaft Rear Bearing Cap Bearing Cap Stud Lockwasher	į.	!			ļ	
"	P20719	4	Bearing Cap Stud Not		<u> </u>			•	
B	P23335	lil	Flange O-Ring)		1	
ğ	P23334	[;]	Flange Washer			ļ			
10	P23333	1 ; 1	Flange Nut	ì		1			
11	P26914		Output & 3rd Clutch Shaft, Drum	j					
12	P20779	1 ;	Inner Clutch Piston Seal	1					
13	P20778	1 ;	Outer Clutch Piston Scal						
14	P20516	li	Clutch Piston Assembly	1					
15	P20776	6	Clutch Outer Disc						
16	P26912	5	Clutch Inner Disc						
17	P20774	t	Clutch Disc Backing Plate						
18	P20773	1	Backing Plate Snap Ring		,				
19	P20701	1	Output Shaft Piston ring						
20	P20645	;	Piston Return Spring						
21	P20644	;	Spring Retainer		ł				
22	P20643	;	Spring Retainer Snap Ring		1				
23	P26900	;	Pilot Bearing						
24	P20654	;	ard Gear & Hub Retainer Ring		}				
25	P26945	;	Relaining Ring						
26	P26962	;			1				
27	P23336	;	3rd Gear & Hutt (Includes Item 25)						
1 2	F23336	'	Output Flange						
1	i								
1									
1				<u> </u>					
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i	j			<u> </u>			l l	211*M	
1	ŀ			522 S/N 101 THRU 4/89					
	Į			OUTPUT & 3RD CLUTCH GROUP ASSEMBLY					

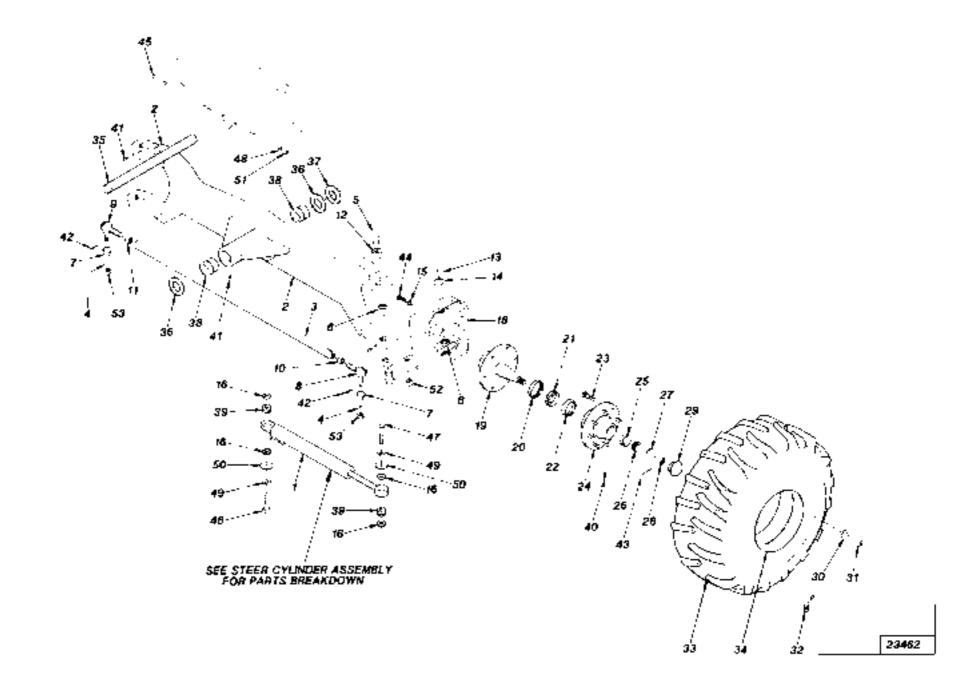


ITEM_	PART NUMBER	QTY.	DESCRIPTION	ITEM	PART NUMBER	מדץ.	DESCRIPTION		
	1			·	1	i			
!	P20500	1	Pump to Housing Gasket	42	P20538	8 6	Stator Support Screw Lockwasher		
2	P205 0 1	1	O-Ring	43	P20537	6	Stator support Screw		
3	P20502	1	Charging Pump Assembly	44	P26934	1 1	Reverse idler Gear		
4	P20503	3	Pump Mounting Screw Lockwasher	45	P20540	1	Severse Idler Gear Bearing		
5	P26955	1	Pump Mounting Screw	46	A)P20543	1	Bearing Relaining Plate		
6	P20504	{ 2	Ритр Mounting Screw	47	A)P20544	1	Lock Plate		
7	P20503	9 2	Pump Mounting Stud Lockwasher	46	A)P26959	3	Retaining Plate Screw		
В	P20507	į 2	Pump Mounting Stud Nut	40	P20929	1	Impeller Rub Gear Bearing		
] 5	P19868	1	Filter, Transmission	50	P26927	1	Impeller Huh Gear		
10	P20509	4	Bearing Support Screw & Lockwasher	51	P20548	1	Impeller Hub Q-Ring		
16	P20510	5	Bearing Locating Ring	52	P20549	1	Impeller		
12	P20511	2	Pump Drive Bearing Support	. 53	P20550	4	Impeller to Hul) Screw Lock Tab		
13	P20512	1	Bearing Relaining Ring	54	P26958	B	Impeller to Hub Screw		
14	P20513	1	Pump Drive Gear Bearing	55	P26952	1	Impeller to Hub Bearing Spacer		
16	P26923	1	Pump Drive Gear	56	P20553	1	Reaction Member		
17	P20520	1	Bearing Relaining Ring, Auxiliary	57	P20554	1	Retaining Hung		
18	P26925	1	Pump Drive Gear Bearing, Auxiliary	56	P20555	24	Impeller to Cover Screw & Lockwasher		
19	P26922	(1	Pump Drive Idler Gear	59	P26942	1 ,	Turbine		
20	P26926	1	ldler Stub Shaft Bearing	[60	P26943	¦ ;	Torbine Hub		
21	P20664	2	Dearing Retaining Fling	61	P20558	; i i	Turbine Hub Searing Locating Ring		
22	P26941	1 {	Auxiliary Pump Drive Gear	62	P20559	(i)	Turbine Hub Bearing		
23	P26924	1 1	Idler Gear Stub Shaft	63	P20560	1 1	Bearing Retaining Washer		
24	P20523	1 1	Stub Shaft Lockball	64	P2056:	1	Impeller to Cover O-Ring		
25	F26944	1	Turbine Shaft	65	P20562	l i	Impeller Cover		
26	P20525	1	Turbine Shaft Bearing	66	P20556	2	Turbine Retaining Ring		
27	P20526	1 1	Bearing Locating Washer	67	P20564	-	Impoler Cover Bore Plug Q-Ring		
28	P20527	1	Bearing Retaining Ring	63	P20565	lil	Bore Plug		
29	P20528	t	Piston Ring	69	P26954	lil	Bore Ptug Retaining Ring		
30	P20529	1	Bearing Snap Ring	70	P26945	lil	Retaining Ring, Turbine Shaft		
3:	P26947	1	States Support	71	P26913		Driveplate		
32	P20531	l ı l	Piston Ring Expander Spring	72	P20569	lil	Driveplate Backing Hing		
33 -	P25928	1	Piston Ring	73	P20570	10	Driveplate Mounting Screw & Lockwasher		
34	P26934	l t l	Pump Mounting Stud	74	A)P23360	12	Washer, Turbine to Hub		
35	P26935	t	Pump Mounting Stud	75	P23383	12	Screw, Turbine to Hub		
36	P20535	1 t	Oil Scal	76	P26931	1	Cover, Pump		
37	P20535	f	Oil Baffle	'	I	' ' '			
38	A}P26960	1	Screw, Reverse Idler Shaft		Continued (оп пеха г	age 1912-A		
39	A)P20503	3	Lockwasher, Reverse Idler Shaft		<u>!</u>		1.0.2		
40	A)P20541	1	Reverse Idler Shaft Pin	522 8	N 101 THRU		4 00 0		
41	A)P26032] ;]	Reverse kiler Shaft	522 S/N 101 THRU 4/89					
<u> </u>	. , =	<u> </u>		1 COM	LRIER HO	USING	GROUP ASSEMBLY PAGE 1 OF 2		

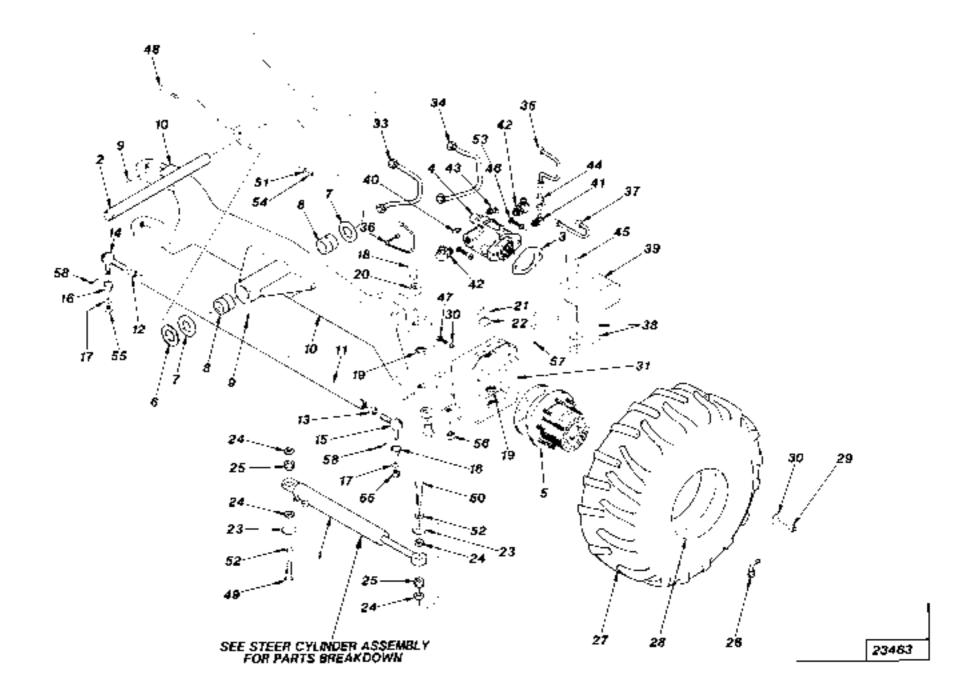
ITEM	PART NUMBER	QTY.	DESCRIPTION	ITEM	PART NUMBER	ary.	DESCRIPTION	
77 78 79 80 81 82 83	P26956 P11929 P29305 P29304 P29303 P29302 P29301 P29300	4 1 1 2 1 1 1	Capscrew, Pump Cover Lockwasher, Pump Cover Ring Washer, Turbine to Hub Nut, Bearing Retainer Thrust Washer, Idler Gear Idler Shaft, Reverse Lockbalf, Idler Shaft O-Ring, Idler Shaft					
	NOTES: A} Used:	S/N 101	- 223 only.					
						•		
	. = =.			I —— :	N 101 THRU ERTER HO	USING	GHOUP ASSEMBLY	1912-A 4/89 PAGE 2 OF 2



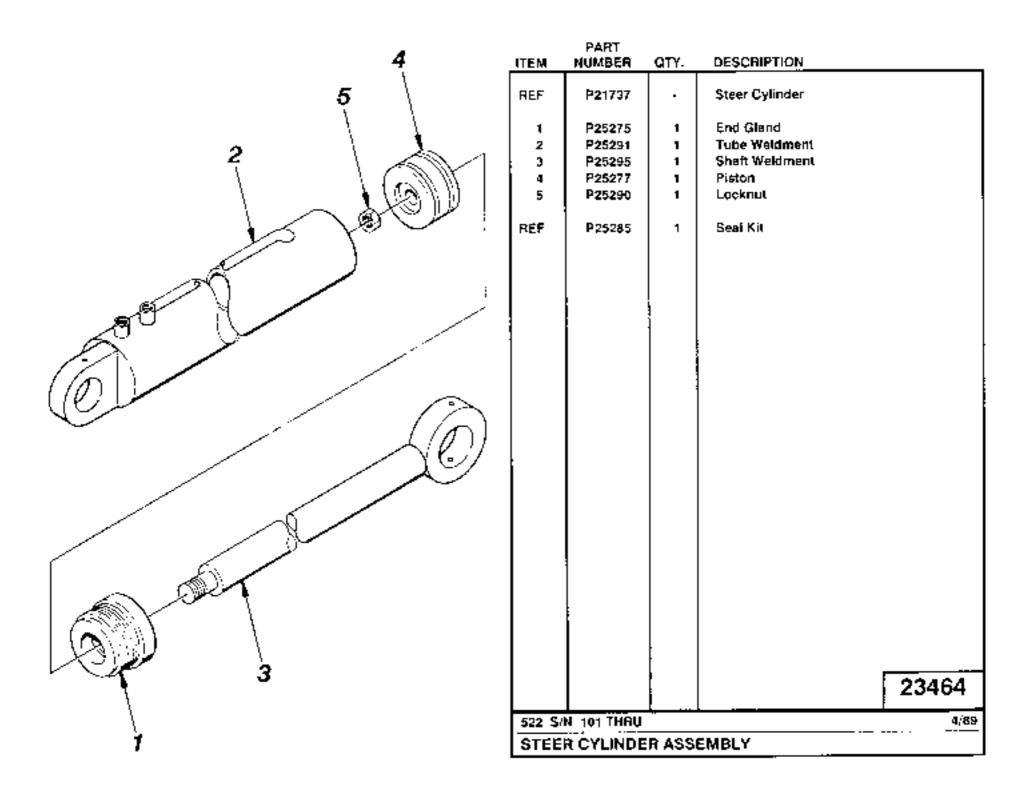
ITEM	PART NUMBER	aty.	DESCRIPTION					
1	P20579	AEF	Control Valve Assembly (Includes Items 3-14)					
2	P20809	REJ-	Control Valve Assembly (Includes Items 3-11)					
3	P20810	2	Valve Spoot Stop					
1	P20011	1 1	Switch Actuating Pin					
5	P20812	1	Neutral Switch					
- 6	£200t0	1	Valve Spool Stop					
7	P20815	1	Forward & Reverse Valve Spool					
В	P2080\$	1	Speed Selector Spool (Includes Item 9)					
9	P23529	1	Plug					
10	P20807	2	Oil Seal					
11	P20808	3	Pipe Plug					
12	P20816	1	Plug					
13	P20817		Valve Spoot					
14	P20B1B	1	Control Valve Spring					
15	P20580	וֹ וֹ	Gasket, Control Valve					
16	P11892	1 2	Detent Ball					
17	P20582	2	Detent Spring					
18	P20577	9	Screw					
19	P20538	9	Lockwasher					
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CONTROL VALVE GROUP ASSEMBLY								

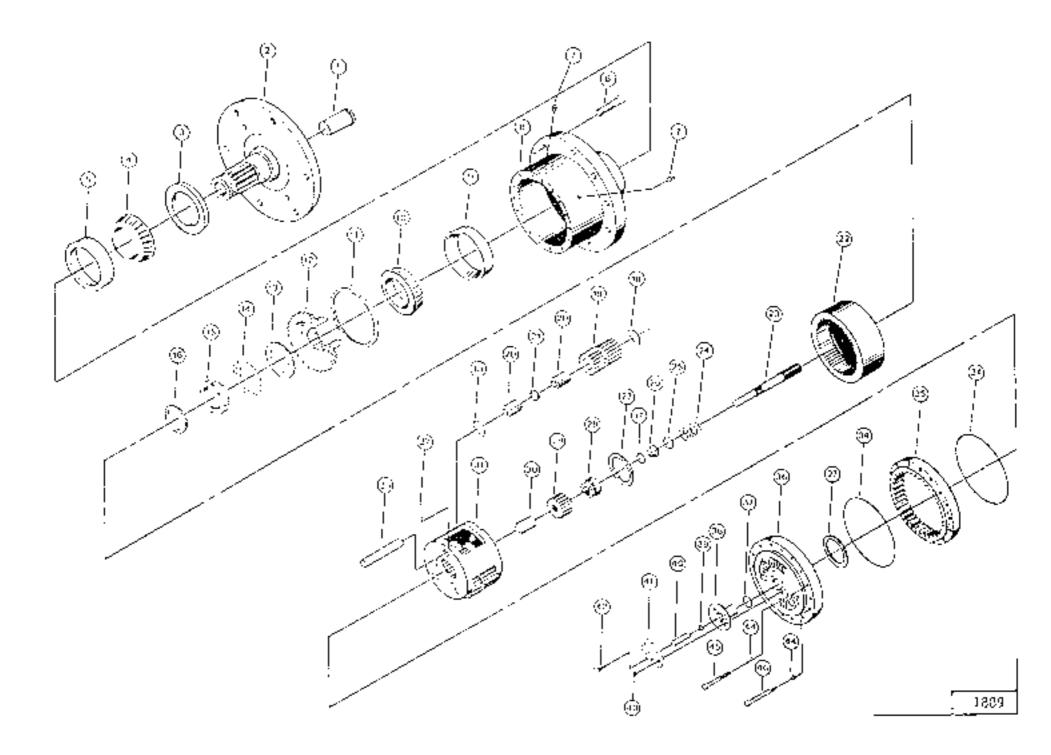


ITEM	PART NUMBER	QTY.	DESCRIPTION	ITEM	PART NUMBER	QTY,	DESCRIPTION		
	NUMBER	141172	DESCRIPTION	7,5	TOWNER		DESCRIPTION .		
1 1	A)P21737	2	Stear Cylinder	41	P16611	6	Grease Zerk		
2	P27321	1	Steer Axie	42	P03840	2	Cotter Pin, 1/8' x 1 1/2'		
1	P25739	i	Tie Rod	43	P03869	2	Cotter Pin, 3/16' x 2 1/2'		
4	P25799	2	Washer, Hardened	44	P00602	12	Bolt, Hx., 5/8'-11 x 1 1/2'		
5	P25798	4	Pivol Pin	45	P00864	1 1	Bolt, Hx., 5/8'-18 x 5'		
6	P25798	4	Jam Nut, Pivot Pin	46	P00957	1 2	Bolt, Hx., 1"-14 x 3 1/4"		
7	P25793	2	Rubber Seal	47	P00960	2	Bolt, Hx., 1"-14 x 4"		
l ė l	P25792	1 1	Tie Rod End (L.H. Thread)	48	P01314		Lockwasher, 5/8"		
9	P25791	1	Tie Rod End	49	PQ1317	4	Lockwasher, 1'		
10	P25790		Jam Nut (L.H. Thread)	50	P01442	4	Flalwasher, 1" SAE		
11	P25789	1	Jam Nut	51	P01535	; ;	Nut, Hx., 5/6'-18		
12	P25788	اية	Bearing, Spherical	52	P01598	2	Jam Nul, Hx., 1'-14		
13	P25787	2	Thrust Washer	53	P01635	2	Castle Nut. Hx., 5/6*-18		
14	P25786	2	Thrust Washer	"		-			
15	P25748	12	Machinery Bushing						
16	P25741	6	Spacer						
17*	P25737	ĭ	Housing, Spindle - R.H.	REF	P25077	1 .	Hub Assembly		
16	P25736	i	Housing, Spindle - L.H.				(includes items 22 - 25, 30, 31, & 40.)		
19	P25740	2	Spindle				***************************************		
20	P25079	2	Oil Seal						
21	P25076	2	Bearing, Inner						
22	P25083	2	Cup, Inner						
23	P25084	16	Wheel Lug Bolt						
24	P25082	2	Hub, Wheel						
25	P24329	2	Cup, Outer						
26	P24324	2	Bearing, Outer						
27	P25081	2	Washer, Bearing						
28	P25080	2	Nut, Hub Retainer		ļ				
29	P24321	2	Cap, Wheel Hub		1				
30	P25085	16	Washer, Lug Nut		1				
31	P25086	16	Lug Nut		NOTES:	. '	•		
32	P25387	2	Valve Stem	1	A) See I	Parts Bre	akdown for Service Parts.		
33	P28230	2	Tire, 14.0 x 17.5						
34	234128	2	Rim, Wheel	1					
35	23503A	1	Trunion Pin						
36	19110A	2	Shim, 3/16"				00400		
37	P20431	A/R	Shim, 14 GA.		* Not i	llustrated	23462		
38	P19108	. 2	Bushing, Axle Pivol	<u> </u>	1				
39	P11430	4	Bushing, Self - Align	522 S	N 101 THRU		4/89		
40	P15272	2	Grease Zenk	(STAI	(STANDARD) REAR STEER AXLE ASSEMBLY				

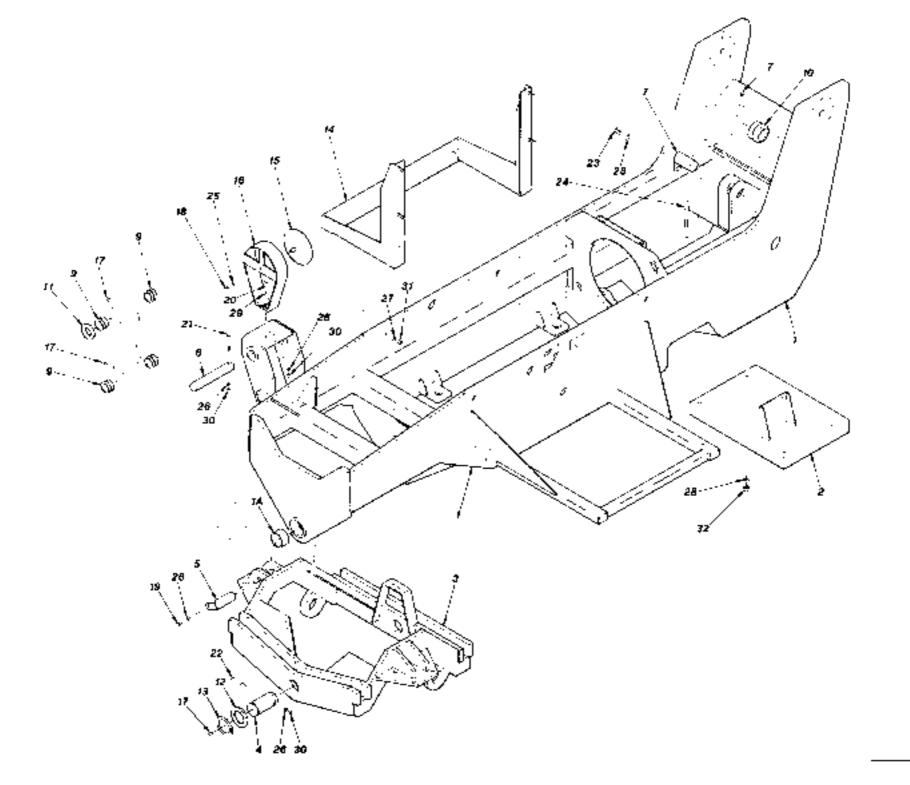


ITEIA	PART NUMBER	άτγ.	DESCRIPTION	ITEM	PART NUMBER	QTY.	DESCRIPTION	
ITEM	NUMBER	QII.	DESCRIPTION	II CIVI	I	<u> </u>	DESCRIPTION .	\neg
1 1	A)P21737	2	Steer Cylinder	40	P18960	2	Connector, O-Ring	
2	23503A	1 1	- · · · · · · · · · · · · · · · · · · ·		90° Elbow, O-Ring			
3	P25794	ż	Gaskel, Motor	42	P19810	4	90° Elbow, O-Ring	
4	P27624	2	Motor, Variable	43	P21919	2	90° Elbow, O-Ring	
REF	P26001		Seat Kit, Variable Motor	44	P19412	2	Tee, Swivel	
5	A)P25745	2	Planetary Gear Box	45	P00207		Bolt, Hx., 3/8*-16 x 1 3/4"	
6	P20431	A/B	Shim, 14 GA	46	P00431	4	Bolt, Hx., 1/2'-13 x 1 1/2' GR 8	
7	19110A	2	Shim, 3/16"	47	P00602	12	Bolt, Hx., 5/8'-11 x 1 1/2"	
ė	P19108	2	Bushing	48	P00664	1	Bolt, Hx., 5/8'-18 x 5'	
9	P16611	6	Grease Zérk	49	P00957	2	Bolt, Hx., 1"-14 x 3 1/4"	
10	P27321		Steer Axle	50	P00960	2	Bolt, Hx., 1"-14 x 4"	
11	P25739		Tie Rod	51	P01314	1	Lockwasher, 5/8"	
12	P25789	1	Jam Nut	52	P01317	4	Lockwasher, 1'	
13	P25790	1	Jam Nut (L.H. Thread)	53	P01437	4	Flatwasher, 1/2" SAE	
14	P25791	1	Tie Rod End	54	P01535	1	Nut, Hx., 5/8'-18	
15	P25792	1	Tie Rod End (L.H. Thread)	55	P01635	2	Castle Nut, Hx., 5/8'-18	
16	P25793	2	Rubber Seal	56	P01588	2	Jam Nul, Hx., 1'-14	
17	P25799	2	Washer, Hardened	57	P01658	4	Locknut, Hx., 5/8'-16	
18	P25798	4	Piyot Pin	58	P03840	2	Cotter Pin, 1/8' x 1 1/2'	
19	P25796	4	Jam Nut, Pivol Pin	1	l			
20	P25786	4	Bearing Spherical	1	l			
21	P25787	2	Thrust Washer	1	l			
22	P25786	2	Thrust Washer	1	l			
23	925746	4	Flatwasher, 1' SAE	1	l			•
24	P25741	8	Spacer	1	l			
25	P11430	4	Bushing, Self-Align	1	l			
26	P25387	2	Valve Stem	1	1			
27	P26230	2	Tire, Rear 14.0 x 17.5	1		ĺ		
28	238119	2	Rim, Wheel	1	l	i		
29	P17665	18	Lug Nut	1		I		
30	P25748	30	Machinery Bushing					
31	P25736	1	Box Frame, L.H.		Notes:			
32*	P25373	1	Box Frame, R.H.		A) See P	arts Brea	akdown for Service Parts.	
33	P25729	2	Hyd. Tube, 1/2 O.D. (L.F. & R.R.)		1			
34	P27625	2	Hyd. Tube, 1/2° O.D. (R.F. & ∟R.)		1			
35	P27626	2	Hyd. Tube, 3/8° O.D.	į.	1		00400	, $ eg$
36	P25732	2	Hyd. Tube、1/4" O.D.	i	* Not III	ustrated	23463	•
37	P25733	2	Hyd. Tube、3/8' O.D.		<u> </u>			•
38	P25734	4	Tube Clamp		N 101 THRU			89
39	P25735	2	Tuḥe Guard	[POW	ER ASSIST) REAL	R STEER AXLE ASSEMBLY	

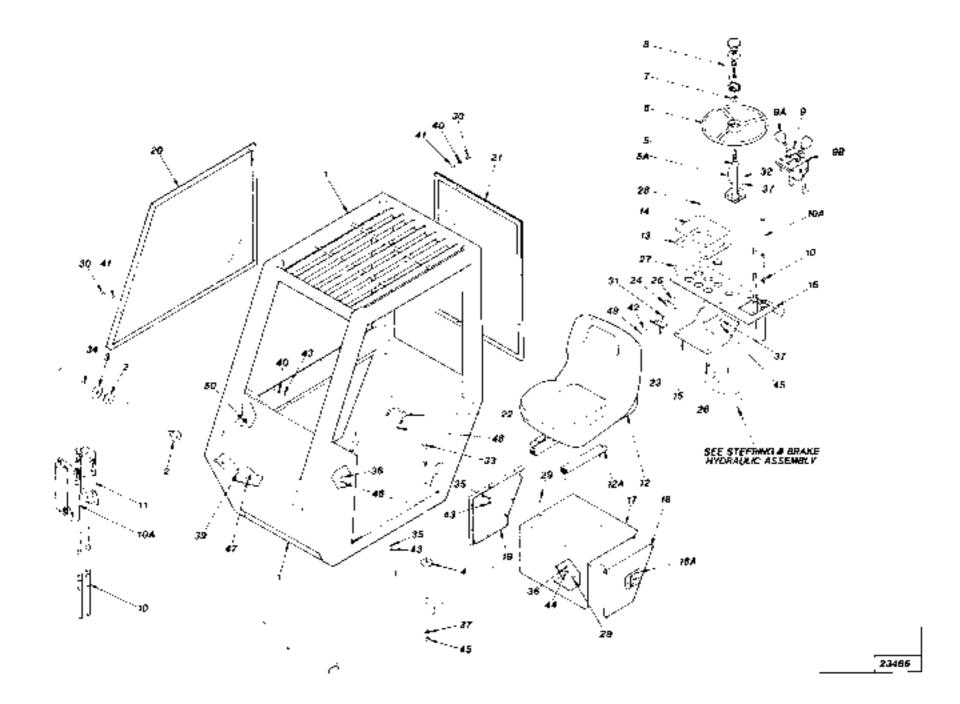




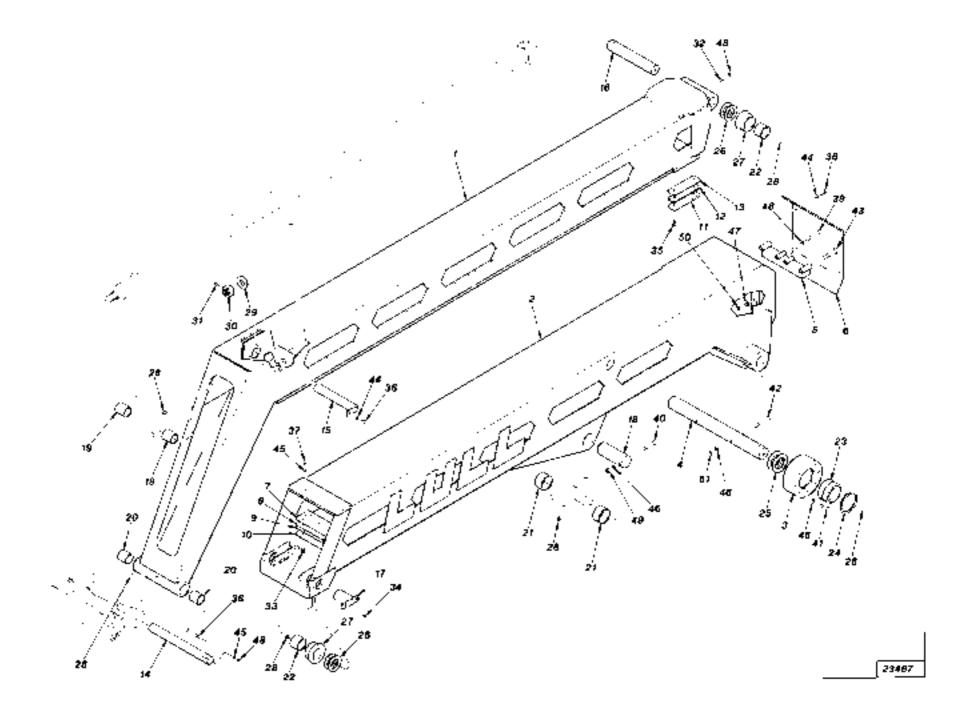
IYEM	PART NUMBER	QTY.	OESCRIPTION	ITEM	PAHT RUBUMUN	OTY.	DESCRIPTION
				1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
REF	P25745	-	Planetary Gear Box Assembly	00	N.S.S.	1	Q-Ring
				40	P25770	1 1	Disconnect Red
1 1	P25751	1 j	Coupting	41	P25769	1	Disconnect Cap
2	P25752	1	Spindle	42	P00003	1 1	Boh, Rx., 1/41-20 x 3/41
3	N.S.S.	1	Spindle Seat	40	P10706	1 1	Pipe Plug
4	P25753	1 1	Bearing Cone	44	P01403	16	Flatwasher, 5/16*
5	P25754	1	Bearing Cup	45	P00136	12	Boll, Hx., 5/161-18 x 2 1/41 GR 8
6	P25771	9	Stud	46	P25740	4 !	Shoulder Boll
7	P10737	2	Pipe Plug			:	
8	P25755	1	Hub	REF	PZ5750	-	Seal Kit - Includes Items 3, 14, 34, 37, & 39
9	P25756	1	Bearing Cup		į.		
10	P25757	1	Bearing Cone		Į		
11	P2\$758	1 1	Retaining Ring		į		
12	P25759	i 1 !	Internal Gear Hub	ł	1	l	
13	P25760	1 1	Tongued Washer		1		
14	N.S.S.] 1	Lockwasher	j	1	j	
15	P25761	1	Locknut	1		1	
16	P25763	1	Helaining Ring	1		1	
17	P25781	1	Relating Fling	1		1	
18	P25773	6	Thrust Washer	1			:
19	P25777	J	Cluster Gear	1			
20	P25774	96	Needle Roller	1			
21	P25775] 3	Spacer	ļ			
2.2	P25764	ſ	Internal Gear	1			
23	P25780	1	Input Shaft]			
24	P25782	1	Spring	1			
25	P25762	1	Spacer				
26	P25765	1	Thrust Spacer				
27	P25765	2	Thrust Washer]			
28	P25765	ı	Input Spacer	}			
29	P25763	l 1	Input Gear	1			
30	P25784	1	Thrust Spacer	!			
31	P25772	1	Carrier	1			
32	ያ25778	3	Holl Pin	1			
33	P25776	3	Planet Shaft	ì			
34	N.S.S.	2	Q-Ring	!	1	1	4000 1
35	P25779	1 1	Aing Gear	1	1	1	1889-A
36	P25767	1	Cover				
37	N.S.S.	1	D-Ring	522 S/	N 101 THRU		4/89
36	P25768	1	Cover Cap	PLAN	ETARY GEA	AR BO	X ASSEMBLY (Rear Axle)



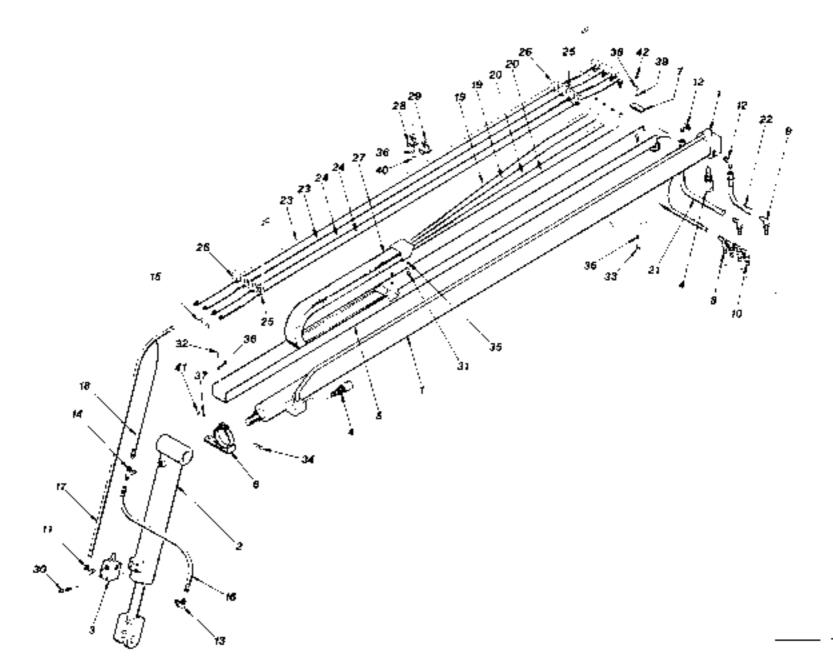
ITEM	PART NUMBER	OTY.	DESCRIPTION	ITEM	PART NUMBER	QTY.	DESCRIPTION		
		i			Γ']	•	•	\neg
1	23347R	1 1	Mein Frame	- 1					- 1
t A	P24284	REF	Bushing, Oscillation Frame	i					- 1
2	24432B	1 1	Counterweight						- 1
3	23337D	1	Oscillation Frame						- 1
4	21183B	2	Pin, Oscillation Frame	Į.					- 1
5	18336A	1	Pin, Frame Till-Lower						- 1
6	A)24732A	1	Pin, Frame Till-Upper						- 1
7	18082A	1	Pin, Hoist Cylinder						- 1
9	P19106	4	Bushing, Frame Tilt Cylinder						- 1
10	P20484	1	Bushing, Hoist Cylinder						- 1
11	P21586	A/R	Shim, 14 GA.		ļ				- 1
12	P24746	2	Shim, 14 GA.						- 1
13	P21693	2	Retaining Ring						- 1
14	P26266	1	Tank Support						. !
15	P21368	1	Mirror		į				ļ
16	213558	1 1	Bracket, Mirror Guard			·			i
17	P16611	5	Grease Zerk						i
18	P00003	[1	Bolt, Hx., 1/4"-20 x 3/4"						- 1
19	P00202	1 1	Bolt, Hx., 3/8"-16 x 3/4"						1
20	P00205	[4	Bolt, Hx., 3/6'-16 x 1 1/4'						- 1
21	P00215	1	Balt, Hx., 3/8'-16 x 3 3/4'	- 1					- 1
22	P00217	2	Bolt, Hx., 3/8'-18 x 4 1/2'	1					
23	P00601	1	Boh, Hx., 5/8'-11 x 1 1/4'						
24	P00614	4	Bolt, Hx., 6/8'-11 x 5'						
25	P01308	1 1	Lockwasher, 1/4"			1			
26	P01310	8	Lockwasher, 3/8"	i					
27	P01312	4	Lockwasher, 1/2"	ŀ					
28	P01314	5	Lockwasher, 5/8"	i					
29	P01404	4	Flatwasher, 5/8"	Į.					
30	P01508	7	Nut, Hx., 3/8"-16						Į
31	P01510	4	Nut, Hx., 1/2'-13						ŀ
32	P01512	4	Nut, Hx., 5/8"-11		NOTES:				į
	1				A) For S/	N 101 - I	239, use 18339A.		į.
	ŀ			- 1			ı		ł
ŀ	ŀ								Į
Ì								2346	5
	1			522 St	N 101 THRU		<u></u>		4/89
					FRAME AS	SEMP			
1	I	l		I WALL	FORME AV	-JEITID	- 1		



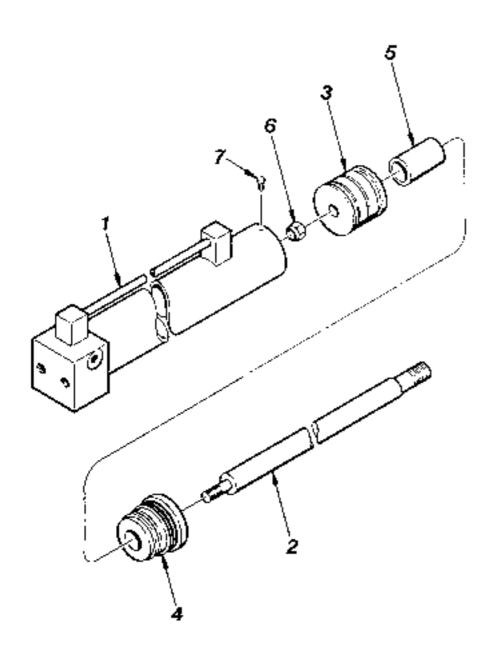
ITEM	PART NUMBER	QTY.	DESCRIPTION	ITEM	PART Number	QTY.	DESCRIPTION	
1 2 3 4 5 5 6 7 8 9 9B 10 10A 11 12 12A 13	P26274 P26317 P20397 P21746 P18726 P18737 P13006 P13009 P18141 P24335 P24985 P27824 P19913 P26232 P26225 P17742 P24773 A)P24707	1 2 2 4 1 REF 1 1 REF 2 REF 1 REF 1	Operators Platform (Incl. Items 15 - 21) Universal Mount, 2 Pieces Snubbing Washer Rubber Mount Steering Column Brush, Horn Steering Wheel Nut, Steering Wheel Horn Button Kit Shift Control Knob, Shifter Gate Plate w/Screws Cable, Shift Control Umbrella Seal, Shift Cable Connection Kit, Transmission Seat, Operators Rails - Set Gasket, Vandal Cover	35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 REF*	P01308 P01309 P01310 P01312 P01314 P01393 P01402 H)P01427 P01506 P01507 P01508 P01510 P01535 P01560 J)P01553 P20459 P17554 P19429	11 4 10 2 2 26 26 2 21 4 6 2 2 2 9 2 A/A	Lockwasher, 1/4" Lockwasher, 5/16" Lockwasher, 1/2" Lockwasher, 1/2" Lockwasher, 5/8" Sterwasher, 1/4" - External Flatwasher, 1/4" Fletwasher, #8 Nut, Hx., 1/4"-20 Nut, Hx., 5/16"-18 Nut, Hx., 5/16"-18 Nut, Hx., 1/2"-13 Nut, Hx., 5/8"-16 Jam Nut, Hx., #8-32 Speed Nut Clamp, Shift Cable Plug, 7/18" Hole	
			Gasket, Vandal Cover Vandal Cover, Gauges Vandal Cover, Lower Instrument Panel Seat Box		P17554 2 P19429 A/R P19430 A/R P27328 A/R		1	
18 18A 19 20 21 22 23 24 25 26 27 28 29	23411C P19085 23424C C)24954C D)24952B 15573A E)P28782 F)P28470 G)P02034 P02154 P27829 P19424 P00001 P00005	1 REF 1 1 1 1 2 4 4 4 11 26	Door, Seat Box Door Latch w/Key Panel, Side Side Shield, Operators - Lexan Window, Rear - Lexan Grab Handle Bracket, Level Indicator Level Indicator Screw, Rd. Hd., #8-32 x 1/2' Screw, Rd. Hd., #8-32 x 1/2' Screw, Phillips Truss Hd., 5/16'-18 x 3/4" Soit, Button Hd. Socket, 1/4'-20 x 1' Bolt, Hx., 1/4'-20 x 1'		NOTES: A) For S/N 177 - 217, use P27655. B) For S/N 177 - 217, use 24343B. C) For Metal Screen, use 23548C. D) Production Initiated S/N 148. E) For S/N 101 - 316, use 23153A. F) For S/N 101 - 316, use 23300B. (Replacement Kit) G) For S/N 101 - 316, use P02005. (#5-40 x 3/4") H) For S/N 101 - 316, use P01425. J) For S/N 101 - 316, use P01651.			
31 32 33 34	P00201 P00205 P00221 P00698	2 4 4 2	Boll, Hx., 3/8'-16 x 5/8" Bolt, Hx., 3/8'-16 x 1 1/4" Bolt, Hx., 3/8'-16 x 6 1/2" Bolt, Hx., 5/8'-18 x 7 1/2" GR 8	* Not Ithustrated 23466 522 S/N 101 THRU 4 OPERATORS COMPARTMENT ASSEMBLY				



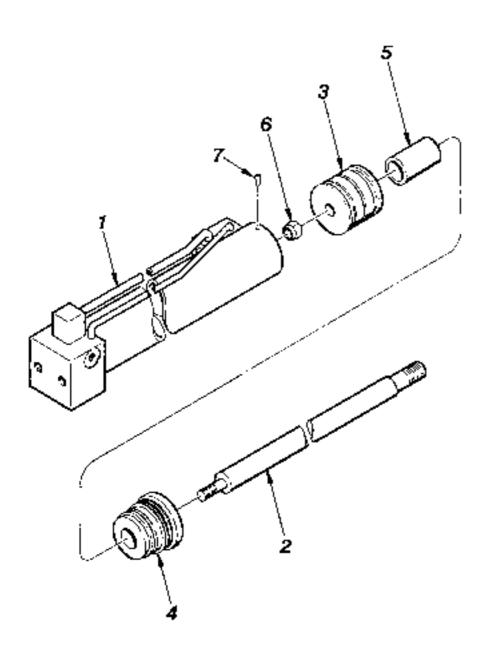
	PART				PART		
ITEM	NUMBER	QTY.	DESCRIPTION	ПЕМ	NUMBER	QTY.	DESCRIPTION
			I F	١	Dogco4		Bott, Hx., 5/8'-11 x 2 t/2' GR 8
1	23192R	1 1	Inner Boom	41 42	P00634 P00695	16 2	Bolt, Hx., 5/6'-18 x 6' GR 8
2	A)23842R	1	Outer Boom	43	P00711	2	Boft, Hx., 3/4"-10 x 4 1/2"
3	23359C	2	Eccentric		P01310	5	Lockwasher, 3/8"
4	23360B	'	Shaft, Boom Plyot	44 45			Lockwasher, 1/2*
5	23361B	1	Rear Mount Block, Boom Extension Cyl.		P01312 P01314	21	Lockwasher, 5/8'
6	23556B	1	Cover, Hydraulics	46 47	P01314 P01315	2	Lockwasher, 3/4
7	15886A	1	Base, Slide Plate		P01510	2	Nut. Hx., 1/2'-13
8	16361A	A/R	Shim, .06'	48 49	P01512	1	Nut, Hx., 5/8'-11
9	16362A	A/R	Shim, .12'		P01512	2	Nul. Hx., 3/4"-10
10	P26297	1 1	Silde Plate, Front	50 51	1	2	Nut, Hx., 5/8'-18
11	P26296	2	Slide Plate, Rear	91	P01535	1	HUI, HX., 310-10
12	15764A	A/R	Shim, 12 GA.	•			
13	17962B	A/H	Shim, 16 GA.	1			
14	15723A	1	Pin, Carriage Pivot	1	i	1	
15	15769A	1 1	Pln. Carriage Tilt Cylinder	1	1		[
16	16678A	1	Pin, Rear Rollers	l l	1		
17	171888	2	Pin, Front Rollers	1	1		
15	18113B	1	Pin, Haist Cylinder	1	1		
19	P19106	2	Bushing, Carriage Tilt Cylinder	1	1		
20	P19109	2	Bushing, Carriage Tilt Pin	1	1		
21	P19111	2	Bushing, Holst Cylinder	1	1		
22	P26493	4	Bushing, Rollers	1	1		
23	P26223	2	Bushing, Boom Pivot	1	1		
24	P26224	2	Retaining Ring	1	1		
25	P24746	A/R	Shim, 14 GA., Boom	1	1		
26	P20431	A/R	Shirn, 14 GA., Rollers	1	ļ		
27	P24735	4	Roller, Boom	1	1		
28	P16611	8	Grease Zerk	!		l	!
29	13598A	1	Boss, Extension Cylinder Rod	1			
30	16369A	1	Nut, Extension Cylinder Rod	1	NOTES:		
31	P02612	1	Setscrew, Cup Pt., 3/8*-16 x 3/8*	1	A) For S/	N 101, u	se 21393R.
32	P02656	1	Setscrew, Cup Pt., 1/2'-13 x 1 1/4'	1			
33	18147A	4	Screw, Bress, 1/2"-13 x 3/4"	l l	1		,
34	P20152	4	Screw, Ft. Hd. Socket, 3/8'-18 x 1"	i	1	•	
35	P20154	4	Screw, Ft. Hd. Socket. 1/2"-13 x 1 1/4"	1	1	1	
36	P00202	5	Bolt, Hx., 3/8'-16 x 3/4"	1	1		00467
37	P00400	3	Bolt, Hx., 1/2'-13 x 3/4"		1		23467
35	P00442	1	Bolt, Hx., 1/2'-13 x 4 1/2' GR 8	COA D	N (A) THEY		4/89
39	P00512	2	Bott, Hx., 5/8*-11 x 4*		N 101 THRU		
45	P00814	1	Bolt. Hx., 5/8'-11 x 5'	TELE	SCOPIC BO	OM A	SSEMBLY



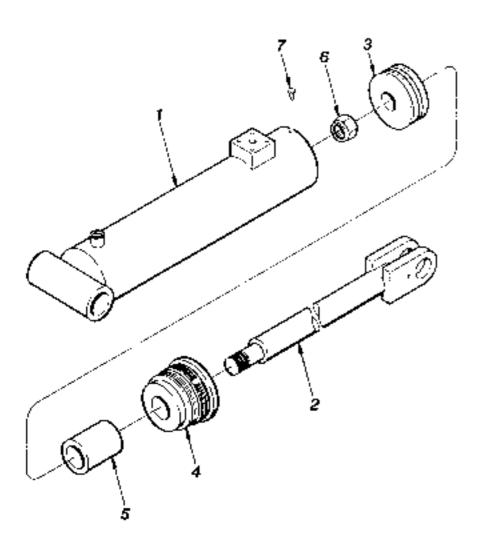
.7514	PART	A.T./	OF CODINTION	17544	PART	A ****	n coopertion		
ITEM	NUMBER	QTY.	DESCRIPTION	ITEM	NUMBER	QTY.	DESCRIPTION		
1	A)P27750	1	Boom Extension Cylinder	41	P01508	1	Nut. Hz., 3/8"-16		
2	P26503	;	Front Carriage Tilt Cylinder	42	P01558	1	Jam Nut, Hx., 1/4"-20		
3	P26325	i	Counterbalance Valve	72	1	1	Delle Hadi Hadi		
4	B)P26335	2	Counterbalance Valve	1		ļ			
5	23364C	1	Hose Tray	1		}			
6	23365B	ì	Support Mount	1	ì	į			
7	23369A	1	Hold Down, Hose	1	<u> </u>	j			
8	P18947	2	45° Elbow, Bulkhead	1	ļ	Í			
9	P18950	2	45° Elbow, Bulkhead	1	i	(
10	P21580	2	45° Elbow, Bulkhead	1	1	;			
11	P18935	1	90° Elbow, O-Ring	1	ļ	•			
12	P19055	2	90° Elbow, O-Ring	1	1	1			
13	P21919	1	90° Elbow, O-Ring	1	ì	į			
14	P18958	1	Tea. O-Ring	1	!	ŀ			
15	P21627	2	Сар, Нех	1	!	Ĺ			
16	P23654	1	Hyd. Hose .25' x 19'			•			
17	P19498	1	Hyd. Hose .38' x 36'	1		ĺ			
18	P27116	1	Hyd. Hose .38" x 16"	1		,			
19	P26121	2	Hyd. Hose .38' x 176	1		1			
20	P26122	2	Hyd, Hose .50' x 177"	1)			
21	P26120	1	Hyd. Hose .75' x 14'	1					
22	P26119	1	Hyd. Hose .75" x 12"	1		1			
23	P26262	2	Hyd. Tube .38" O.D.	1		;			
24	P26261	2	Hyd. Tube .50° O.D.	1					
25	P20487	4	Tube Clamp, 1/2' Tube	1		[
26	P26015	4	Tube Clamp, 3/8' Tube	1	ł	•			
27	P26510	1	Tube, Hose Carrier	1		Į.			
28	P17553	2	Clamp, 3/8' Tube	1					
29	P17809	2	Clamp, t/2 Tube	1		-			
30	P01791	4	Bolt. Socket Hd., 5/16'-18 x 2 1/4'	1	NOTES:				
31	P00001	4	Balt, Hx., 1/4'-20 x 1/2'		A) For Si	N 101 -	175, Replacement Cylinder		
32	P00100	2	Bolt, Hx., 5/16'-18 x 1/2"		Requi	res 2 (P:	26335) Counterbalance Valves.		
33	P00102	2	Bolt, Hx., 5/16'-18 x 3/4"	1	B) For S	N 101 -	175, City. Required was 1.		
34	P00207	1	Bott, Ha., 3/6'-16 x 1 3/4"	1					
35	P01308	4	Lockwesher, 1/4"	1		ı	ı		
36	P01309	6	Lockwasher, 5/16"		l		23468		
37	P01310	1	Lockwasher, 3/8'		l		23400		
38	P01357	1	Starwasher, 1/4"	522 50	N 101 THRU		4/69		
39	P01508	1	Nut, Hx., 1/4'-20	<u> </u>		10.10			
40	P01507	2	Nul, Hx., 5/16'-18	ROOM	BOOM HYDRAULIC ASSEMBLY				



ITEM	PART NUMBER	QTY.	DESCRIPTION			
RÉF	P26548	-	Boom Extension Cylinder			
١,	A)P27213	1	Barrel Weldment			
2	P26370	1	Rod, Cylinder			
3	P24389	1	Piston			
4	P24390	1	Rod Bearing			
5	B)P27259	1	Strake Limiter			
6	P27278	1 1	Locknut			
7	P24889	1	Capscrew			
REF	P24440	,	Seal Kit			
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1	NOTES.					
	NOTES:	101 303	use P26361.			
			use P24407.			
1	6, 1013	//I¥ 10/1,	Date Fartor.			
			ı			
				23469		
522 S/N 101 · 175 4/						
BOOM	BOOM EXTENSION CYLINDER ASSEMBLY					

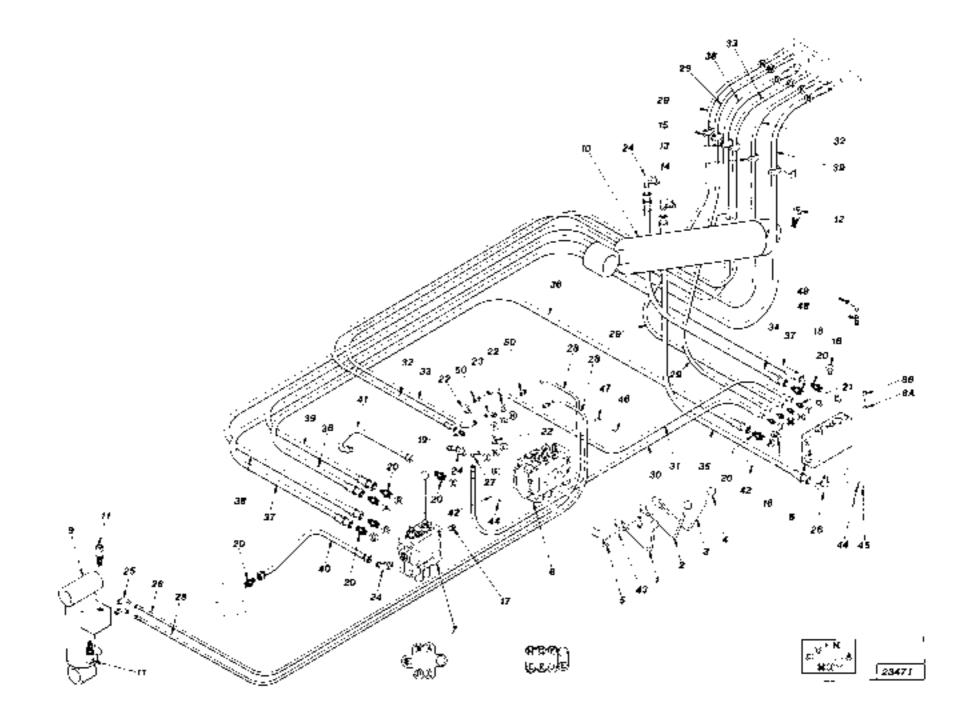


ITEM	PART NUMBER	QTY.	DESCRIPTION					
REF	P27750	٠	Boom Extension Cylinder					
1	P27221	1	Barrel Weldment					
2	P27241	1	Rod, Cylinder					
3	P24389	1	Piston					
4	P24390	1	Rod Bearing					
5	P27854	1	Stroke Limiter					
6	P27278	1	Locknut					
7	P27852	1	Selscrew					
REF	P24440	1	Seal Kit					
1	1							
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			23469-	1				
[N 176 THRU		4/8	9				
ROOM	BOOM EXTENSION CYLINDER ASSEMBLY							

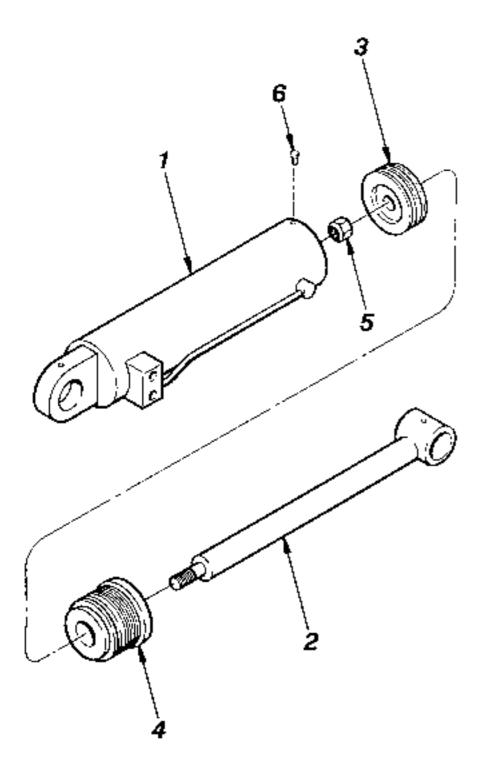


ITEM	PART NUMBER	QTY.	DESCRIPTION	
REF	P26503	-	Front Carriage Tilt Cylinde	r
l ,	P27207	1	Barrol Weldment	
2	P27231	1	Rod Weldment	
3	P27263	1	Piston	
4	P28380	1	Rod Bearing	
5	P24918	1	Stroke Limiter	
в	P27279	1	Locknut	
7	P24869	1 1	Capscrew	
REF	P27268	۱ ۱	Seal Kil	
		i 		
	Use a	s follows	tor S/N 101 <u>only</u> .	
REF	P26258	-	Front Carriage Till Cylinde	•
1	P26359	1	Barrel Weldment	
2	P26372	-	Rod Weidment	
3	P24387	1	Piston	
4	P26385	1	Rod Bearing	
5	P24916	1	Stroke Limiter	
6*	P24435	1	Selscrew	
7	P24889	1	Capscrew	
REF	P26399	1	Seal Kit	
	* Not Ille	' ustrated	•	23470
				20-110
522 S/	N 101 THRU			4/89

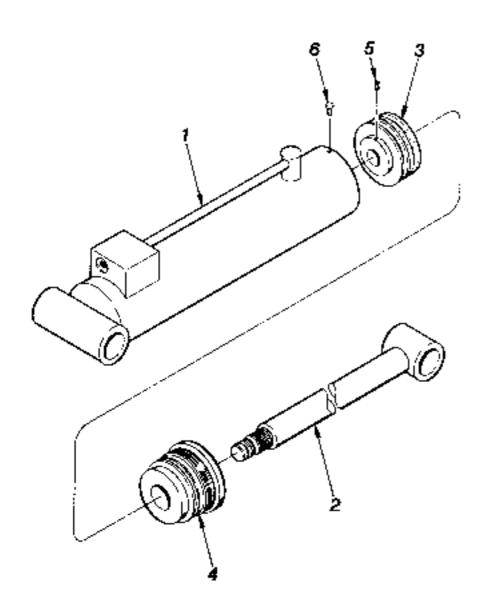
FRONT CARRIAGE TILT CYLINDER ASSEMBLY



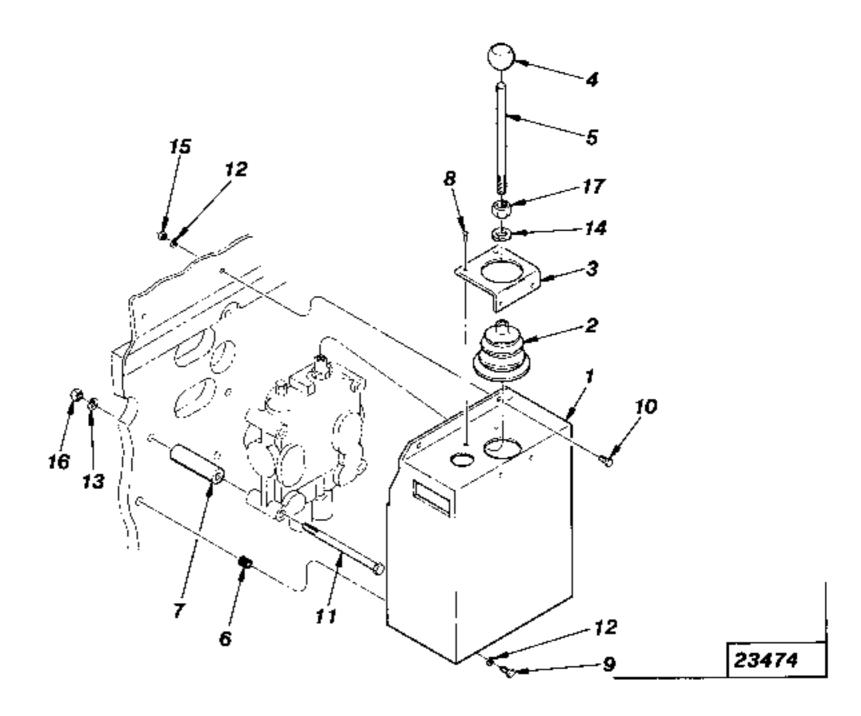
ITEM	PART NUMBER	QTY.	DESCRIPTION	ITEM	PART NUMBER	OTY.	DESCRIPTION
	NGINIBEIT		<u>-</u>	T			
וי (23541A	1 1	Handle, Carriage Tilt	37	P26828	1 1	Hyd. Hose .75' x 104"
2	23542A	1	Handle, Auxiliary	38	G)P28605	1	Hyd. Hose .62' x 148"
3	23543A	1	Handle, Frame Till	39	G)P28606	1 1	Hyd. Hose .62' x 156'
4	P18721	3	Knob, Handle	40	P26583	1	Hyd. Tube .75" O.D.
5	P27957	REF	Clevis Kit	41	P26594	1	Hyd. Tube .75" O.D.
-6	P26729	1 1	Velve, 3 Spool - Main Controls	42	P00111	5	Boll, Hx., 5/16'-18 x 2 3/4'
7	24372B	1	Valve, 2 Spoot - Boom Controls	43	PQ1402	A/B	Flatweisher, 1/4"
8	P26241	1	Valve, Self-Leveling	44	P01309	5	Lockwasher, 5/18"
A8	A)P27983	REF	Sealing Nut. (2 used per Valve)	45	P01507	2	Nut, Hx., 5/16'-18
88	A)P27984	REF	Adjusting Screw (2 used per Valve)	46	P03810	REF	Cotter Pin. 1/16" x 1/2"
9	P26259	1	Frame Titt Cylinder	47	P10512	REF	Clevis Pin
10	B)P27908	1	Hoist Cylinder	48	H)P27378	1 1	Nipple, Pressure Check
11	P21140	2	Counterbalance Valve	49	H)P27805	1	Dust Cap
12	C)P27827	1	Counterbalance Valve	50	J)P26805		Reduçer, Swivel
13	P28200	2	Clamp, .62' Hyd. Hose	1		į l	
	D)P20486	-	Clamp, .75" Hyd. Hose			1	
14	P20468	2	Clamp, .50" Hyd. Hose			1	
15	P20465	2	Clamp, .38" Hyd. Hose	REF		!	Seal Kit - 3 Spool Valve - Main Controls
	D}P20466 i	. :	Clamp, .38" Hyd. Hose		P21758		Valve Section (1 Req. per Section)
16	P15477	2	Plug, O-Ring		P21759	-	Main Relief
17	P26697	REF	Pressure Plug				_
18	P20901	1	Connector, O-Ring	REF	25935A	•	Seal Kit - 2 Spool Valve - Boom Controls
19	P15406	1	Connector, O-Ring				,
20	P17805	8	Connector, O-Ring			1	l l
21	P18944	4	Connector, O-Ring		NOTES:		
22	E)P26601	3	90° Elbow, O-Ring		1	sedes in	ternal Type Adjustment.
23	P19813	1	45° Elbow, O-Ring				236, P27827 Counterbalance Valve
24	P17802	4	90° Elbow, O-Ring				ed in conjuction with Cylinder.
25	P18935	2	90° Elbow. O-Ring		1		236, use P26335.
26	P19055	1	90° Elbow, O-Ring		D) Used		
27	P25247	1	90° Elbow, O-Ring	1			336, use P25247.
28	F)P28629	2	Hyd. Hose .25' x 116'	1			336, use P26636.
29	P28634	. 2	Hyd. Hose .38' x 66'				5' Hyd. Hose.
30	P27120	1	Hyd. Hose .38' x 89"	ļ			tiated S/N: 267.
31	P26639	1	Hyd. Hose .36" x 92"				- 336 only.
32	P26637	1	Hyd. Hose .50" x 127"] ", ""	,	· · · · · · · · · · · · · · · · · · ·
33	P26638	1	Hyd. Hose ,50" x 132"	1			23471
34	P26633	1	Hyd. Hose .75" x 35"				, in
35	P26832	1	Hyd. Hose .75" x 41"	I —	/N 101 THRU		4/89
36	P26829	1	Hyd. Hose .75" x 99"	CON	TROL HYDR	AULIC	ASSEMBLY



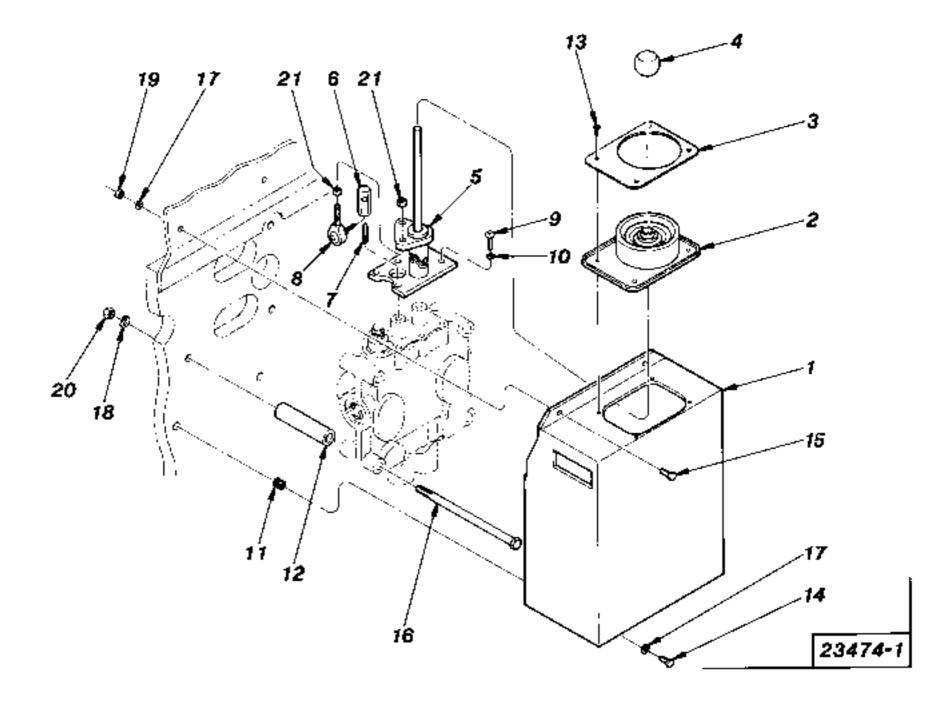
ITEM	PART NUMBER	QTY.	DESCRIPTION	
REF	P27908	-	Hoist Cylinder	
1	P27208	1	Sarrel Weldment	
2	P27232	1 1	Rod Weldment	
3	P27265	i	Pislan	
4	P27272	1 1	Rod Bearing	
5	P27280	1	Locknut	
6	P24889	1	Capscrew	
REF	P27289	1	Seal Kit	
	Usé ás	follows	i for \$/N-101 only.	
l	032.00	15115716		
REF	P26256	-	Hoist Cylinder	
1 1	P26360	1 1	Barrel Weldment	
2	P26373	1	Rod Weldment	
3	P24384	1 1	Piston	
4	P26382	1	Rod Bearing	
5*	P24435	1	Setscrew	
6	P24889	1	Capscrew	
REF	P26396	1	Seal Kit	
	Not Illu	ıştraled		23472
522 S/	N 101 THRU			4/69
I —	T CYLINDE	B Veel	MRI V	
1,013	· CILINDE		-111 L/L 1	



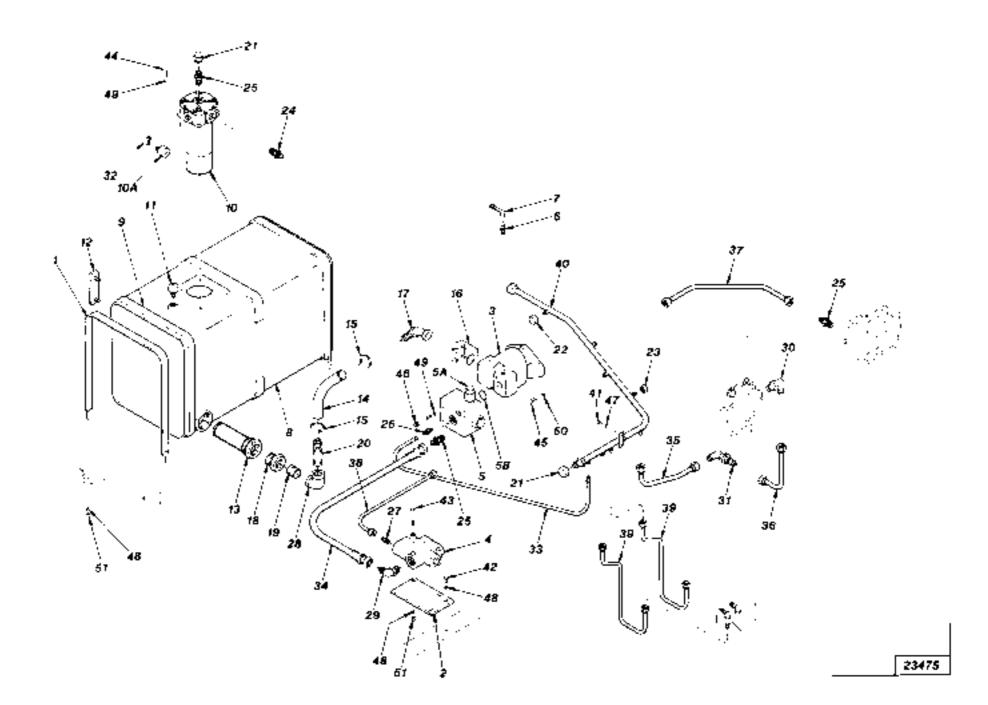
ITEM	PART NUMBER	QTY.	DESCRIPTION			
REF	P26259	,	Frame Tilt Cylinder			
		1 1 1 1 1 1				
				23473		
	N 101 THRU SE TU TICY	LINDE	R ASSEMBLY	4/89		
FRAN	FRAME TILT CYLINDER ASSEMBLY					



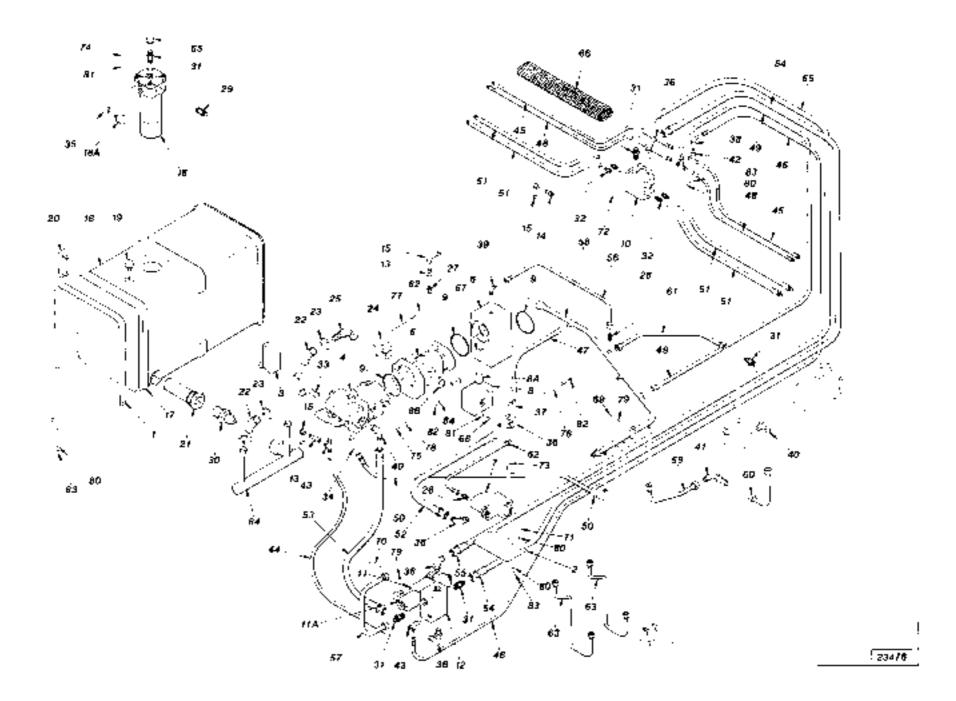
ITEM	PART Number	QTY.	DESCRIPTION	ITEM	PART NUMBER	CITY.	DESCRIPTION	
TIEM.	HOMBER	Q111.	DESCRIPTION .	1	1481418271	T	. Deposit from	
1 1	23598D	1	Cover, Valve		l			ŀ
2	P26073	1	Boot, Joystick		l			j
3	22819A	1	Hold Down Plate, Boot	ŀ	1			1
4	A)P18721	. 1	Knob, Handle	ŀ	l			
5	B)23062A	1 1	Handle, Joystick	1	l			
6	P28023	2	Drive Sert		l			
7	C)23540A	3	Spacer, Valve		l			
8	P03528	4	Tapping Screw, #10-24 x 1/2'		l			
9	P00001	2 .	Bolt, Hx., 1/4'-20 x 1/2"		ļ			
10	P00003	2	Bolt, Hx., 1/4'-20 x 3/4"		1			
11	C)P00223	3	Bolt, Hx., 3/8'-16 x 7 t/2'					
12	P01308	4	Lockwasher, 1/4"					
13	C)P01310	3	Lockwasher, 3/8'					Ì
14	D)P01310	1	Lockwasher, 3/8"					
15	P01506	2	Nut, Hx., 1/4'-20					
16	C)P01508	3	Nut, Hx., 3/8"-16					
17	E)P01508	1	Nut, Hx., 3/8'-16			[
REF	25768A NOTES:	-	Joystick Handle Replacement Kit (Includes: Valve Linkage, Handle, Knob, Cover, & BooL)					
1	•		96, use P27609.		1			
			98, use 2524JA.		1	1		ļ
			on used Oty. of 4.		1			i
			98, use P01314 - 5/8' Lockwasher.		1			
	E) For S/N	183 - I	96, use P01585 - 5/8" Jam Mul.		1			
								23474
	l	_	_	522 S	N 101 - 196			4/89
1						LE AN	D COVER ASSEMBLY	
1 .		L	!					



ITEM	PART NUMBER	QTY.	DESCRIPTION	ITEM	PART NUMBER	QTY.	DESCRIPTION	
17614	HOMBER	<u> </u>	DESCRIPTION	7 1 = -71	TOTAL DELT	<u> </u>	2200111	
1 1	25470D	1	Cover, Valve					
2	P27648	1	Boot, Joystick					
3	P27649	1	Hold Down Plate, Boot					- 1
4	P16721	1	Knob, Handle					- 1
5	A)26348C	1 1	Handle, Joystick - Bent					
	25548C	-	Handle, Joystick - Straight					
6	B)25606B	2	Mount Block, Valve Spool					
7	C)P27962	2	Slotted Setscrew, 3/8'-16 x 1 1/4' GR 8		1			
8	P27628	2	Ball Joint					- 1
9	P03196	5	Capacrew, Button Hd., 1/4'-20 x 3/4'					
10	P01357	5	Starwasher, 1/4" - External			Ì		
11	P26023	2	Drive Sert			ļ.		
12	23540A	3	Spacer, Valve			i .		- 1
13	P03528	4	Tapping Screw, Slot. Rd. Hd., #10-24 x 1/2			!		- 1
14	P00001	2	Bolt, Hx., 1/4"-20 x 1/2"		1			- 1
15	P00003	2	Bolt, Hx., 1/4'-20 x 3/4'		1			
16	P00223	3	Boh, Hx., 3/8'-16 x 7 1/2"		1			
17	P01308	4	Lockwasher, 1/4"		1			
15	P01310	3	Lockwasher, 3/8"		1			
19	P01506	2 '	Nut, Hx., 1/4"-20		1		1	
20	P01508	3	Nut, Hx., 3/8"-16	l	1			
21	P01530	4	Nut, Hx., 5/16"-24	l	1			
				l	1			
1	'	1		l	1			
				l	1			
	l			l	1			ŀ
				l	1			1
	į			l				
				l	}			į
i	NOTES:			l				
	,		iated S/N 293, 299 THRU.	l				l
1	• •		36, 3/8" Setscrew (frem #7) must be	l				l
		-	unction with replacement Mount Block,	l				l
1		er to no		I				I
1			/N 197 - 236, Valve Spools are tapped	l				
1	1/4/-20.	To rew	rork, drill 5/16" dls. x 1" dsep, tap 3/8"-16.	l			234	74-1
	l		-				204	,
1				522 S/	N 197 THRU			4/89
1	l			JOYS	TICK HAND	LE AN	D COVER ASSEMBLY	

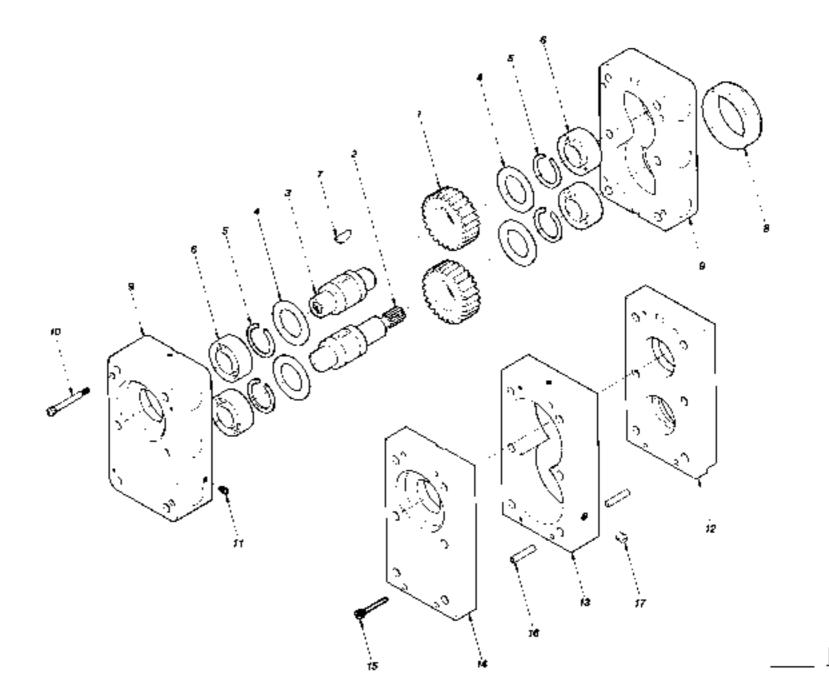


ITEM	PART NUMBER	QTY.	DESCRIPTION	ITEM	PART NUMBER	QTY.	DESCRIPTION
		<u> </u>		T			·····
ĺιΙ	234428	2	Strap Tank	33	P26640	1	Hyd. Hose .38" x 22"
2	23560A	1	Mounting Plate, Valve	34	P27432	1	Hyd. Hose .75" x 17"
3	P28236	1 1	Pump, Gear	35	P26592	1	Hyd. Tube 175' O.O.
4	P19292	1 1	Priority Valve, Steer	36	P26593	1	Hyd. Tube .75° O.D.
5	P2545 8	T	Priority Valve, Brake	37	P26595	1	Hyd. Tube .75" O.D.
5A	P25473	-	Reliet Valve	38	P26596	1	Ryd. Tube .38° O.D.
5B	P11169	-	O-Ring	39	P26859	2	Hyd. Tube .50° O.D.
6	A)P27378	1	Nipple, Pressure Check	40	P26587	1 1	Hyd. Tube 1.25' O.D.
7	A)P27805	1	Duat Plug	41	P00003	2	Boit, Hk., 1/4'-20 x 3/4"
	P26082	1	Tank, Fuel/Hydraulic	42	P00102	2	Bolt, Hx., 5/16'-18 x 3/4'
9	P26049	2	Belling, Chemprene	43	P00113	2	Bolt, Hx., 5/16"-18 x 3 1/4"
10	P27606	1	Return Filter, Hydraulic Oil	44	P00204	4	Bott, Hx., 3/6'-16 a 1'
10A	P24981	-	Gauge, Pressure	45	P00403	2	Bott, Hx., 1/2"-13 x 1 1/4"
10B*	P27810		Filter Elsment	48	PQ1827	4	Bolt, Socket Hd., 3/8'-16 x 3 1/4'
10C*	P26040	-	Gasket, Tank	47	P01308	2	Lockwasher, 1/4*
100*	P28041		O-Ring, Element	48	P01309	8	Lockwasher, 5/16"
10E*	P25042	. :	O-Ring, Head	49	PQ1310	8	Lockwasher, 3/8"
10F*	P28043	-	O-Ring, Cover	50	P01312	2	Lockwasher, 1/2*
11	P21674	េ	Breather, Hydraulic Tank	5 1	P01507	6	Nut, Hr., 5/16"-18
12	P21482	1	Sight Gauge, Hyd. Oil (Includes Hardware)	į.	1	1	
13	P19878	1	Suction Strainer	1	1	1	
14	N11590	1	Hose, Suction	1	1	1	
15	P10601	2	Hose Clamp	1		l	
16	P25711	1 1	Flange Kit	1	•	j	
17	P25712	1 1	Hose Adapter, 45° Flunge Elbow	1	1	l	
18	P10705	1 1	Reducer Bushing	1		l	
19	P10893	1 1	Nippie, Close	1		l	
20	P20635	1	Swaged Hose Nipple	1		1	
21	P17785	2	Cap, Hex	1	NOTES:		•
22	P18929	1 1	Cap, Hex	1	A) Not Use	ed In Ear	dy Production.
23	P21627	1	Cap, Hex	1			
24	P21246	1	Connector, JIC - Pipe	1	i		
25	P17805	3	Connector, O-Ring	1			
26	P18936	1	Connector, C-Ring	1			
27	P19478	1	Connector, O-Ring	1			
28	P10232	1 1	90° Elbow, Pipe	I			22475
2₽	P17802	1	90* Elbow, O-Ring	1	* Not lilu	strated	23475
30	P20359	1	90° Elbow, O-Ring	-ma -	M. and There		Alba
31	P21916	1 1	90° Elbow, Bulkhead		N 101 THRU		4/89
32	P27358	1	90° Elbow, Hyd. Pipe	PUMI	, SUCTION	I - RET	URN HYDRAULIC ASSEMBLY



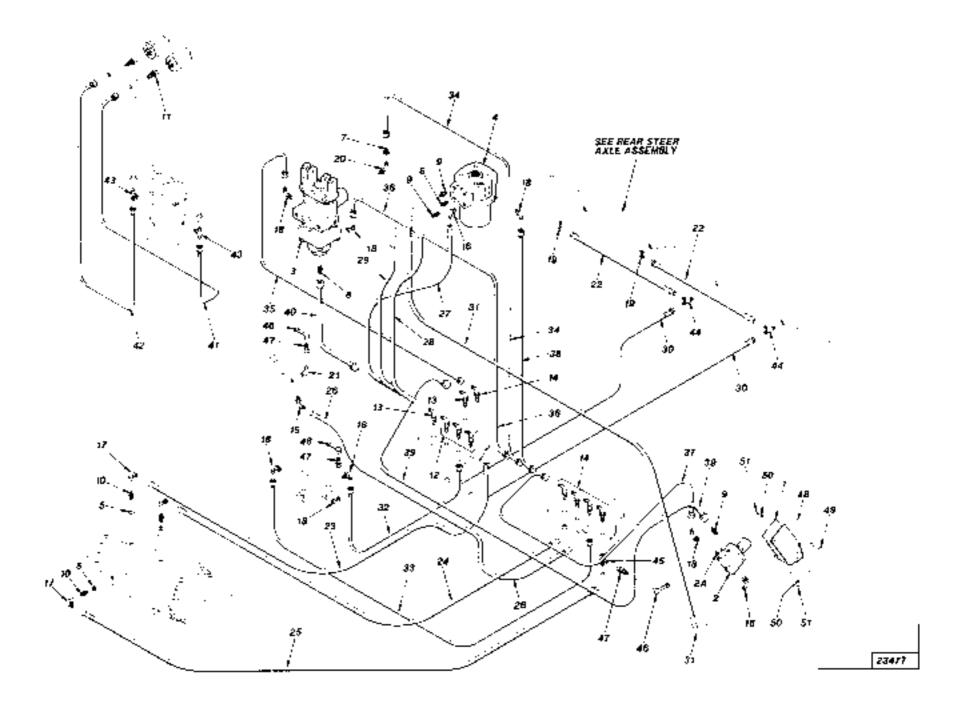
	PART				PART	•		
ITEM	NUMBER	QTY.	DESCRIPTION	ITEM	NUMBER	ĞΤΥ.	DESCRIPTION	
1 1	23442B	2	Strap, Tank	31	P17805	5	Connector, O-Ring	
2	23560A	ī	Mounting Plate, Valve	32	P18997	4	Connector, O-Ring	
3	23648B	- ;	Support Bracket, Pump	33	P26705	1 1	45° Elbow, O-Ring To Ho:	se
ایا	P25392	- i	Pump, Piston	34	P19813		45° Elbow, O-Ring	_
, F	P25383		Pump, Gear	35	P27358	1	90° Elbow, Hyd. Pipe	
6	D)P26783	- i I	Pump, Drive	36	P17802	6	90° Elbow, O-Ring	
7	P18292	- i I	Priority Valve, Steer	37	P18935	1 1	90° Elbow, O-Ring	
8	P25456	1	Priority Valve, Brake	38	P18957	1 1	90° Elbow, Swivel	
AB	P25473	: I	Relief Valve	39	P19726	1 '	90° Elbow, JIC - Pipe	
88	P11169	.	O-Ring, Valve	40	P20359	2	90° Elbow, O-Ring	
ا و	P25680	3	O-Ring, Pump	41	P21916	1	90° Elbow, Bulkhead	
10	P25725	1	Equatrac Valve	42	P18942	2	Tee, Bulkhead	
11	P25726	1	Valve, Selector	43	P26640	2	Tee, C-Ring	
REF	P26307	-	Seal Kit, Selector Valve	44	P28637	1	Hyd. Hose -25' x 23'	
11A	P26305	-	Solenoid	45	P27114	2	Hyd. Hose .25' x 40	
12	P25725	1	Subplate Valve	46	P26623	1	Hyd. Hose .25" x 120"	
13	A)P27374	2	Nipple, Pressure Check	47	P27117	1	Hyd. Hose .38' x 13'	
14	A)P27378	2	Nipple, Pressure Check	48	P27115	2	Hyd. Hose .38' x 40'	
15	A)P27805	4	Dust Plug	49	P26626	1	Hyd. Hose .38' x 103'	
16	P25082	1	Tank, Fuel/Hydraulic	50	P26827	, 1	Hyd. Hose .50' x 14"	
17	P26049	2	Belting, Chemprene	51	B)P27699	4	Hyd. Hose .50" x 36"	
18	P27808	. 1	Return Fitter, Hydraulic Oll	52	P26620	1	Hyd. Hose .75" x 16"	i
18A	P24981	· •	Gauge, Pressure	53	P26824	1	Hyd. Hose .75" x 22"	
188*	P27810	·	Filter Element	54	P26621	1	Hyd. Hose .75" x 112"	
18C*	P26040	•	Gøsket, Tank	55	P26522	1	Hyd. Hose .75' x 114'	i
160*	P26041	-	O-Ring, Element	56	P26660	1	Hyd. Tube .38° Q.D.	
18E*	P26042	•	Q-Ring, Head	57	P26586	1	Hyd. Tube .75' O.D.	
16F*	P26043	-	O-Ring, Cover	58	P26587	1	Hyd, Tube 1.25 O.D.	
19	P21674	1	Breather, Hydrautic Tank	59	P26592	1	Hyd. Tube .75" O.D.	
20	P21482	1	Sight Gauge, Hyd. Oil (Includes Hardware)	60	P26593	1	Hyd, Tube .75" O.D.	
21	P19676	1	Suction Strainer	₿1	P26595	1	Hyd. Tube .75" O.D.	
22	N11590	2	Hose, Suction	62	₽2659 8	1	Hyd. Tube .38" O.D.	
23	P10601	4	Hose Clamp	53	P26659	2	Hyd. Tube .50° O.D.	
24	P2\$711	1	Flange Kil	64	P26598	1	Hyd. Tube, Suction	
25	P25712	1	Hose Adaptor, 45° Flange Elbow	65	P17765	1	Сар, Нех	
26	P19478	(Connector, Q-Ring	I	Contin	uad oo s	next page	02476
27	P27382	1	Connector, O-Ring	I	1	PPP DILL	ien page	23476
28	P18939	1	Connector, JIC - Pipe				(DOMEO APGIET)	4/00
29	P21246	1	Connector, JIC - Pipe	· —	N 101 THRU		(POWER ASSIST)	4/89
30	P26606	1	Connector, JIC - Pipe	PUME	P, SUCTIO <u>N</u>	1 - HET	URN HYD. ASS'Y	Page 1 of 2

	PART				PART	·		
ITEM	NUMBER	OTY.	DESCRIPTION	ITEM	NUMBER	QTY.	DESCRIPTION	
66	C)N11824	4	Hose Protection Cover, Nylon					
67	P26315	2	Stud, Carbon Steel					
68	P01827	4	Boff, Socket Hd., 3/8"-16 x 3 1/4"		ł			
69	P00003	2	Bolt, Hx., 1/4'-20 x 3/4'		1			
70	P00013	2	Bolt, Hx., 1/4'-20 x 3"		1	ļ		
71	P00102	2	Bolt, Hx., 5/16'-18 x 3/4		1	ŀ		
72	P00106	2	Bolt, Hx., 5/16'-18 x 1 1/2'		1	1		
73	P00113	2	Bolt, Hx., 5/16'-18 x 3 1/4'		1	?		
74	P00204	4	Bolt, Hx., 3/8"-16 x 1"	- 1	1	į		
75	P00405	2	Bolt, Hx., 1/2'-13 x 1 3/4"	i	1	ļ		
76	P00426	2	Bolt, Hx., 1/2"-13 x 5 3/4"	1	1		j	
77	P00419	2	Bolt, Hx., 1/2'-13 x 6 1/2'		1		l	
76	P01406	. 4	Flatwasher, 1/2"		1			
79	PQ1308	4	Lockwasher, 1/4'		1			
80	P01309	10	Lockwasher, 5/16"	i	1		İ	
81	P01310	ß	Lockwasher, 3/6'	- 1	1			
82	P01312	5	Lockwasher, 1/2"		1			
83	P01507	8	Nut, Hx., 5/16'-18		ì			
84	P01510	4	Nut, Hx., 1/2'-13		ļ			
	9) For S/N C) For S/N	101 - 1 101 - 1	isted S/N 267. 81, use P27116. 81, use N11449. kdown for Service Parts.					
								23476
				I ———	/N 101 THBU		(POWER ASSIST)	4/89
	* Not Illu:	ştraled		PUM	P, SUCTION	- RET	URN HYD. ASS'Y	Page 2 of 2

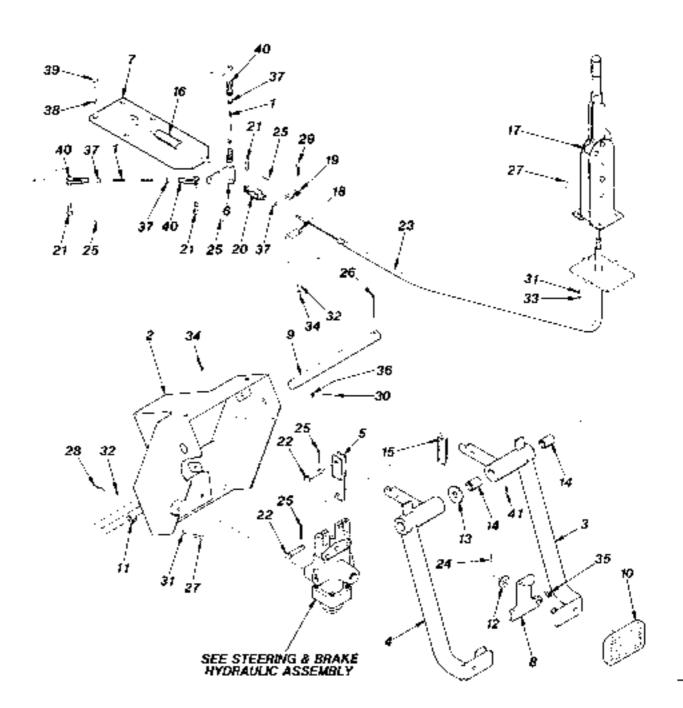


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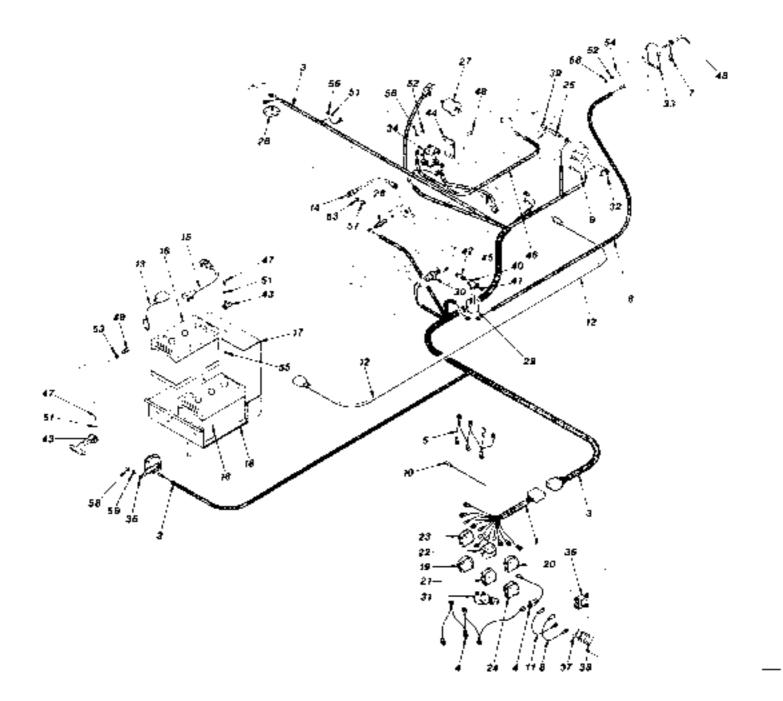
ITEM	PART NUMBER	QTY.	DESCRIPTION	ITEM	PART NUMBER	QTY.	DESCRIPTION
1 2 3 4 5 6 7 8 10 11 REF	P26292 P26293 P26294 P17084 P19479 P26710 P10802 P26283 P26780 P27310 P26693 P26349	2 1 1 4 4 4 2 1 2 4 3 (A)	Spur Gear Shaft, Transmission Drive Shaft, Pump Drive Machinery Bushing Retaining Ring, External Roller Bearing Woodruff Key Centering Ring Gear Case Half Shoulder Bolt, 5/16' Dia. x 2' Pressure Plug Sealant, Silicone Form-A-Gasket				
12 13 14 15 16 17	P26280 P26284 P26291 P01758 P10801 P10738	1 1 4 2 1	3 Section Pump Case Case Cover, w/Notch Center Section Case Cover Bolt, Socket Hd., 1/4"-20 x 1 3/4" Dowel Pin, 3/6" x 1 1/2" Plug, Pipe				
		NOTE: A) Pr	S: ocure Locally.	1	N 101 THRU	JIP DRI	P26783 4/89 VE ASSEMBLY



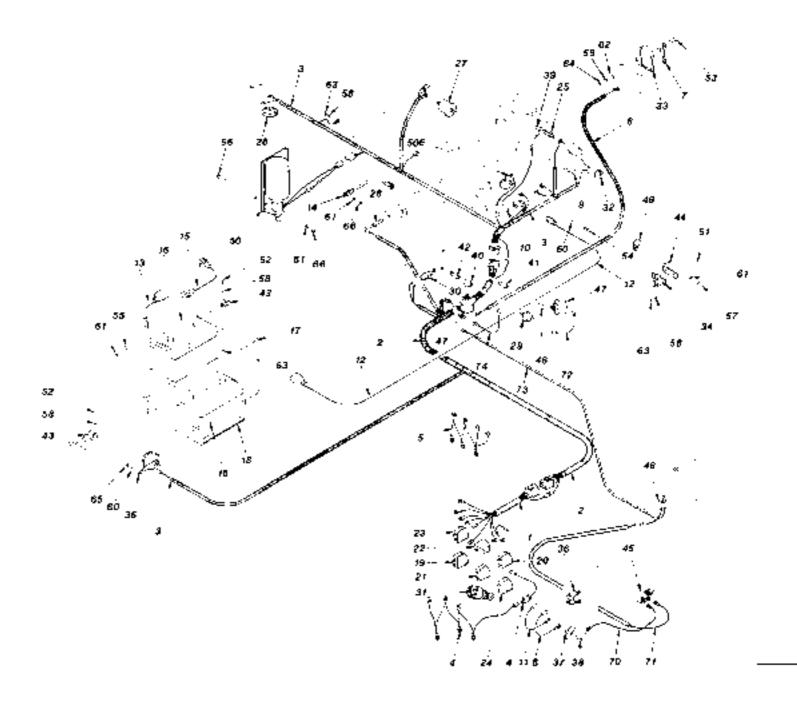
ITEM	PART NUMBER	QTY.	DESCRIPTION	ITEM	PART NUMBER	QTY.	DESCRIPTION
T							·
1 1 1	22013Ç	1	Mount, Diff. Lock Valve	40	P28651	1	Hyd. Tube 150" O.D.
2	P25455	1	Yaive, Differential Lock	41	P26652	1	Hyd. Tube 1.25" O.D.
2A	P25473	REF	Relief Valve	42	P26653	1	Hyd. Tuba .25' Ö.Ü.
] 3]	P24950	1	Brake Valve	43	P25715	2	Tee, O-Ring
4	P19293	1	Sleer Motor	44	P24649	2	Tee, JIC - Pipe
5	P12506	3	Washer, Copper	45	B)P27399	1	Tee, Swivel
в	P18414	1	Check Valve	46	A)P27805	3	Dust Cap
7 7	P26607	1	Reducer, Swivel	47	A)P27374	3	Nipple, Pressure Check
8	P15406	1	Connector, O-Ring	48	P00001	3	Bott, Hx., 1/4"-20 x 1/2"
9	P16944	3	Connector, O-Ring	49	P00009	4	Bolt, Hx., 1/4'-20 x 2'
10	P25396	3	Connector, Metric	50	P01308	2	Lockwasher, 1/4"
11	P25713	2	Connector, Bulkhead	51	P01506	7 '	Nut, Hx., 1/4"-2
12	P18947	3	45° Elbow, Bulkhead		1	! 1	
13	P215 8 0	2	45° Elbow, Bulkhead	ŀ	1	ļ	
14	P25684	5	45° Elbow, Bulkhead		1		
15	P18935	1	90° Elbow, O-Ring	1	1		
16	P18956	3	90° Elbow, O-Ring	l	1		
17	P18957	3	90° Elbow, O-Ring	l	1		
16	P19248	6	90° Elbow, C-Ring	l	1		
19	P20374	2	90° Elbow, JIC - Pipe	l	1		
20	P25247	1	90° Elbow, O-Ring	l	ļ		
21	P21619	1	45° Elbow, O-Ring	l]		
22	P25346	2	Hyd. Hose .25" x 13"	l			1
23	P28641	1	Hyd. Hose .25' x 64"	l			
24	P26642	1	Hyd. Hose .25' x 82'	l			
25	P28643	1	Hyd. Hose .25' x 98'	l			
26	P26644	1	Hyd. Hose .25' x 50'	l	ŀ		
27	P26635	1	Hyd. Hose .38" x 33"	ļ	i		
28	P28646	1 1	Hyd. Hose .38' x 34"	1			
29	P26647	1	Hyd. Hose .38" x 33"	l	NOTES:		
30	P25867	2	Hyd. Hose .38' x 56"	l	,		isted S/N 267 for Steering & Brakes.
31	P26645	1	Hyd. Hose .50" x 37"	1	Produc	dion Init	iated S/N 321 for Differential Lock.
32	P26564	¹	Hyd. Tube .50" O.D.	1	B) Produc	tion Init	iated S/N 321.
33	P26585	1 1	Hyd. Tube .25" O.D.	l			
34	P26854	1	Hyd. Tube .25' O.D.	I			
35	P26655	1 1	Hyd. Tube .25' O.D.	Į.			02/77
36	P26856	Į 1	Hyd. Tube .25' O.D.	I			23477
37	P26657	1	Hyd. Tube .25' O.D.	524 S	N 101 THRU		4/89
36	P26658	1	Hyd. Tube .25" O.D.				
39	P26850] 1	Hyd. Tube .50° O.D.	HYDR	IAULIC STE	ERING	, BRAKE & DIFF, LOCK ASSEMBLY



	PART				PART			
ITEM	NUMBER	QTY.	DESCRIPTION	ITEM	NUMBER	OTY.	DESCRIPTION	
				I				
1 1 1	23520A	2	Connecting Rod	41	P16611	2	Grease Zerk	
2	21058C	1	Brake Pedal Housing	}				
3	23687C	1 1	Brake Pedal, R.H.	1				
4	23666C	1	Brake Pedal, L.H.					
5	21061A	2	Connecting Link	1				
&	23519A	1	Toggie Plate	1				
7	23526B	í	Spring Return	1				
8	21091A	1	Pedal Lock	1				
9	21093A	1	Pin, Brake Pedals	1				
10	P17733	2	Foot Pad, Brake	1				
11	P24308	4	Spring Nut	1	ŀ	ļ		
12	P21449	1	Shim Washer	1	1			
13	18845A	1	Spacer, Pedal	1	1	}		
14	P20391	4	Bushing	1	1	ļ		
15	P10581	2	Spring, Pedal	1	1	1		i
15	P26331	. 1	Spring, Cable	ļ	1			:
17	A)P28457	1 1	Hand Brake, Parking (Includes Switch)	1	1			
16	P17598	1	Spacer, Cable		1			
19	P17595	1	Clamp, Cable	ļ	1			
20	P17694	1	Clevis	1	1		i	
21	P10040	5	Clevis Pin	1				
22	P15331	4	Clevis Pin	1]			
23	P26276	1	Cable, Hand Brake	1				
24	P03837	1 1	Cotter Pin, 1/8" x 3/4"	1				
25	P03838	9	Cotter Pin, 1/8" x 1"	1				
26	P03840	1	Cotter Pin, 1/8" x 1 1/2"	1				
27	P00102	8	Bolt, Hx., 5/16'-18 x 3/4"	1	i .			
28	P00202	2	Bolt, Hx., 3/8"-16 x 3/4"	1	i			
29	P00205	2	Bolt, Hx., 3/8"-16 x 1 1/4"	1	1	'	•	
30	P00206	2	Bolt, Hx., 3/8"-16 x 1 1/2"	1	NOTES:			
31	P01309	a	Lockwasher, 5/16'	1		¥ 101 - 2	98, use 26317C for Complete	
32	P01310	4	Lockwasher, 3/8'	1	,		Buzzer/Light Kit.	
33	P01507	4	Nut, Hx., 5/16'-18	1		-		
34	P01508	4	Nut, Hx., 3/6'-16		See Axle B	reakdov	vn for Internel Brake Parts.	
35	P01531	2	Nut, Hx., 3/8'-24	1				
36	P01558	2	Jam Nut, Hx., 3/8"-16				, г	
37	P01581	5	Jam Nut,Hx., 3/8"-24	}		1	 	23478
36	P04611	4	Lockwasher, M18	—	<u> </u>			
39	P04300	4	Boh, Hx., M16-2 x 25 mm	522 S	N 101 THRU			4/89
40	P10193	4	Clewis	SERV	ICE AND P	ARKIN	G BRAKE ASSEMBLY	



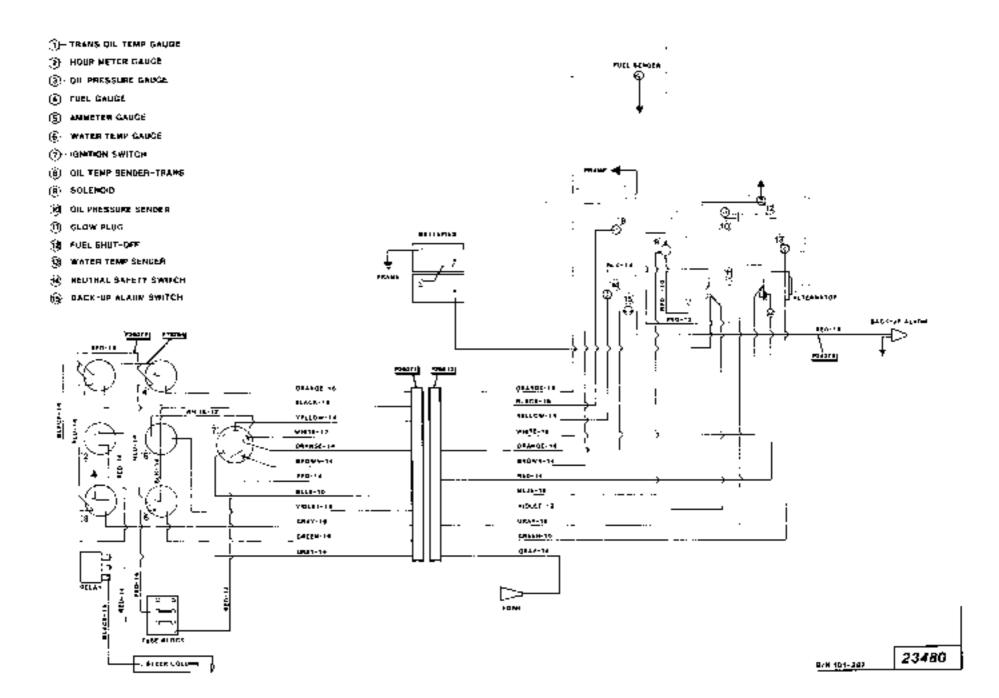
ITEM	PART NUMBER	QTY.	DESCRIPTION	ITEM	PART NUMBER	QTY.	DESCRIPTION		
71211]			
1 1	P26071	۱	Wire Hamess, Upper	42	P10759	1	Nipple, Pipe		
3	P26512	1	Wire Harness, Lower	43	P26248	'	Draw Latch		
4	P25072	1	Wires, Gauges - Power	44	24317A	1 1	Bracket, Solenoid		
5	P19284	1	Wires, Gauges - Ground	45	P27518	1	Wire, Solenoid - Starter		
6	P24274	1	Wire Harness, Back-Up Alarm	46	P27519	i !	Wire, Solenoid - Glow Plug		
7	P27504	1	Wire, Alarm - Ground (Black - 16 GA.)	47	P02057	1	Screw, Slotted Rd. Hd., #10-24 x 3 4		
8	P27506	1	Wire, Fuse Block - Relay (Red - 14 GA.)	48	P00003	! 4 !	Bolt, Hx., 3-41-20 s 3-41		
9 9	P27509	1	Wire, Att Volt Regulator (White - 14 GA.)	49	P00202	. 4	Bolt, Hx., 381-15 x 3.4		
10	P27517	1 !	Wire, Fuse Block - Ignition (Red - 12 GA.)	51	P01306	s	Lockwasher. #10		
11	P27520	1 ;	Wire, Horn Button to Relay (Black - 16 GA.)		P0130â	: 4 .	Lockwasher, 1141		
12	A)P28785	1	Battery Cable, Positive	5.3	P01310		i.ockwasher. 3 8		
13	P19834	1	Battery Cable, Negative	54	P01402	4	Flatwasher, 14		
14	P19835	1	Battery Cable, Ground	55	P01504	3	Nu1. Hz #10-24		
15	P18122	. 1	Battery Cable, Negative to Positive	56	P01506	4	Nut, Hx., 1'4'-20		
16	P25385	(8)	Battery, 6 Volt	57	P01508	2	Nut, Hx., 3'8'-16		
17	23425C	1	Battery Box Cover	58	P01507	1	Nurt, Hx., 5:16:-18		
18	23426C	1 1	Battery Box Tray	59	P01309	1	Lockwasher, 5/16'		
19	P23214	1	Gauge, Fuel	60*	P02016	2	Screw, Stotted Rd. Hd., #8-32 x 1/2"		
20	P23218	1	Gauge, Oil Pressure	61*	P01353	2	Starwasher, #6		
21	P23218	1	Gauge, Ammeter	62*	P01502	2	Nut. Hx., #6-32		
22	P23219	1	Gauge, Hour Meter	l	Ļ		!		
23	P23220	1 1	Gauge, Transmission Oil Yemp.	l	i				
24	P23221	1	Gauge, Water Temperture	l					
25	P23222	1	Sender, Water Temperture	l					
26	P23215	REF	Sender, Fuel	ļ		1	i		
27	P23217	1 1	Sender, Oil Pressure	1					
26	P19472	. 1	Sender, Transmission Oil]		l .			
29	P19105	1 1	Switch, Back-Up						
30	P20812	REF	Switch, Neutral Start		ļ	'	'		
31	P26319	REF	Switch, Ignition	ŀ	NOTES:				
32	P21787	REF	Diade Madule	l	A) Supers	edes Sia	andard Duty Cable.		
33	P13774	1 1	Back-Up Alarm	l	B) Procur		· .		
34	P21777	1 1	Solenoid	l	C) Not Re	quired o	n Power Assist Models.		
35	P13707	1	Hom	l	''				
36	P13709	1	Horn Relay	I	- Not Iflu	strated.			
37	P19203	2	Fuse, AGC-30 AMP	I					
38	P24349	1	Fuse Block	Items 60 - 62 , Mount Fuse Block. 23479					
39	P10158	1 1	Reducer Bushing	<u> </u>	i				
40	P10200	1	Tee, Pips	522 S	N 101 - 297		4/89		
41	C)P10736	1	Plug, Pipe	ELEC	TRICAL AS	SEMB	LY (Perkins)		

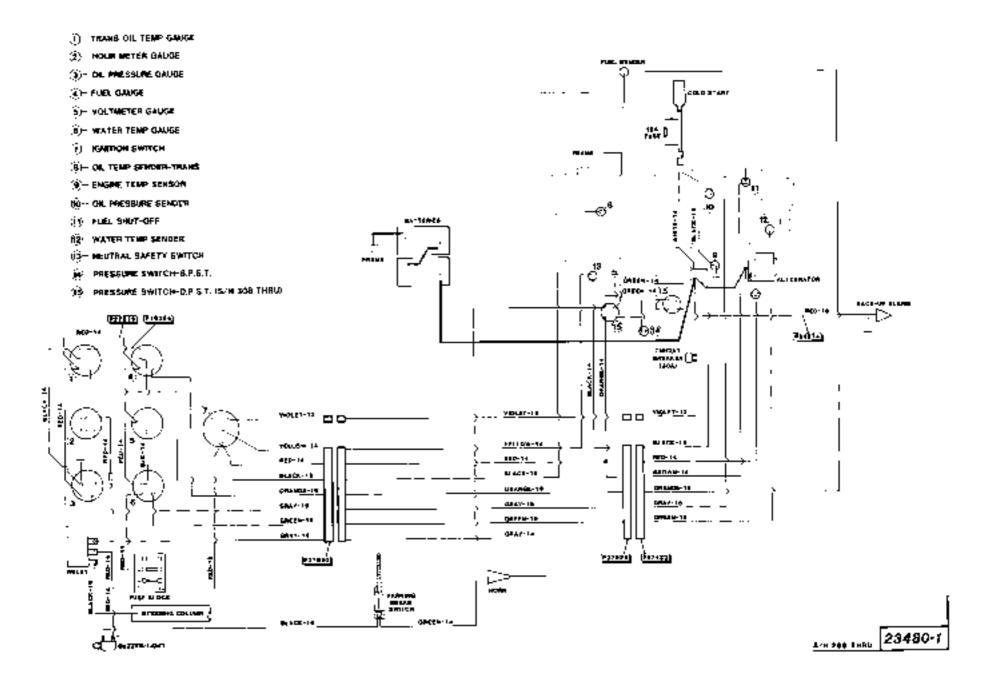


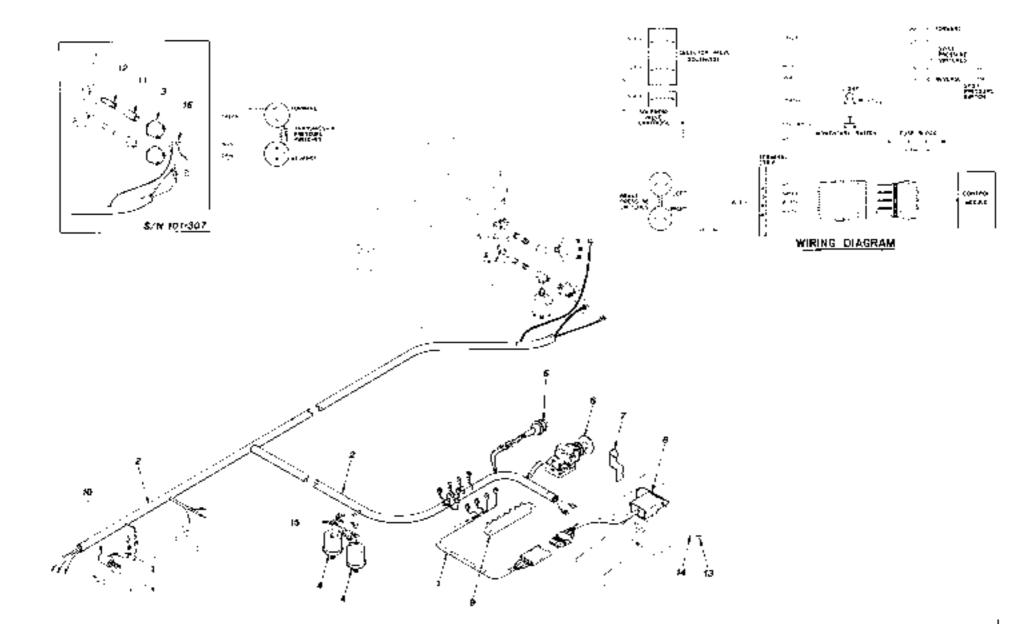
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	PART				PART			
ITEM	NUMBER	OTY.	DESCRIPTION	ITEM	NUMBER	QTY.	DESCRIPTION	
		_		١	D) D 4 4 7 5 4	.	Music Dies	
ויו	P27920	1	Wire Hamess, Upper	41	B)P10758	!	Nipple, Pipe	
2	P27922	! ! 	Wire Harness, Intermediate	42	P10759	!	Nipple. Pipe	
3	P27923	!	Wire Harness, Lower	43	P26248	!	Draw Latch	
4	P27919 :	1	Wires, Gauges - Power	44	24317A	1	Bracket, Circuit Breaker	
5	P19284	1	Wires, Gauges - Ground	45	P28456	!	Buzzer/Light, Parking Brake	
6	P24274	1	Wire Harness, Beck-Up Alarm	46	B)P10205	1	45° Elbow. Pipe	
7	P27504	1	Wire, Alarm - Ground (Black - 18 GA.)	47	B)P28721	2	Switch, Pressure - D.P.S.T.	
8	P27506	1	Wire, Fuse Block - Relay (Red - 14 GA.)	48	P28714	REF	Switch, Parking Brake	
9	P27509	1	Wire, Alt Volt Regulator (White - 14 GA.)	49	P17554	1	Clamp, Harness	
10	P27542	1	Wire, Afternator - Starter (Red - 6 GA.)	50	26092B	1	Quick Start (Item 50F Not Included)	
11	P27520	1	Wire, Horn Button - Relay (Black - 16 GA.)	50A*	P28747	1 • 1	Fuse, AGC - 15 AMP	
12	P28785	1	Bettery Cable, Positive	50 B *	P27303	<u> </u>	Yaive Gasket	
13	P19834	1	Battery Cable, Negative	50C*	P27304	[-]	Filter, O-Ring	
14	P19835	1	Battery Cable, Ground	50D*	P27305	-	Coupling, Dirt Eliminator	
15	P18122	1 1	Battery Cable, Negative to Positive	50E	P27306	j -	Sensor, Engine Temp. (40° Surface)	
16	P25386	(A)	Battery, 6 Voll	50F	N.L.A.	(A)	Starting Fluid Cylinder	
17	23425C	1	Battery Sox Cover	51	P02054	2	Screw, Slotted Rd. Hd., #10-24 x 1/2"	
18	23426C	1 1	Battery Box Tray	52	P02057	4	Screw, Slotted Rd. Hd., #10-24 x 3/4"	
19	P23214	1 1	Gauge, Fuel	53	P00003	2	Bolt, Hx., 1/4"-20 x 3/4"	
20	P23216	1	Gauge, Oli Pressure	54	P00150	1 1	Bolt, Hx., 5/16'-24 x 1/2"	
21	P27820	1	Gauge, Voltmeter	55	P00202	4	Bolt, Hx., 3/6'-16 x 3/4'	
21	P23219	1 1	Gauge, Hour Meter	56	P00205	2	Boff, Hx., 3/8'-16 x 1 1/4"	
23	P23220	1 1	Gauge, Transmission Oil Temp.	57	P00250	1 1	Bott, Hx., 3/8'-24 x 1/2'	
24	P23221	1 1	Gauge, Water Tempertura	58	P01306	7	Lockwasher, #10	
25	P23222	1 1	Sender, Water Temperture	59	P01308	2	Lockweither, 1/4'	
26	P23215	REF	Sender, Fuel	60	P01309	2	Lockwasher, 5/16"	
27	P23217	1 1	Sender, Oil Pressure	61	P01310	7	Lockwasher, 3/8"	
28	P19472	1 1	Sender, Transmission Oil	62	P01402	4	Flatwasher, 1/4"	
29	P19105	1	Switch, Pressure - S.P.S.T.	63	P01504	5	Nut, Hx., #10-24	
30	P20812	AEF	Switch, Neutral Start	64	P01506	2	Nut, Hx., 1/4"-20	
31	P11092	HEF	Switch, Ignition	65	P01507	1	Nut, Hx., 5/16'-18	
32	P21787	AEF	Diode Module	66	P01508	3	Nut, Hx., 3/8"-18	
33	P13774	1	Back-Up Alarm	67	P01502	2	Nut, Hx., #6-32	
34	P27316	1	Circuit Breaker	68	P01353	2	Starwasher, #6	
35	P13707	1	Horn	69	P0201B	2	Screw, Stotted Rd. Hd., #6-32 x 1/2	
36	P13709	1 1	Hom Relay			• .	·	
37	P19203	2	Fuse, AGC-30 AMP	1	Continu	ued on n	ext page 23479-1	
38	P24349	1	Fuse Block					
39	P10158		Reducer Bushing	522 S/N 298 THRU 4				
40	P10200	Li	Tec, Pipe	ELEC	TRICAL AS	SEMBI	Y (Parkins) Page 1 of 2	
	110204	<u>'</u>		LECC	THUALAG	JC INI GI	- (tracking) regeror	

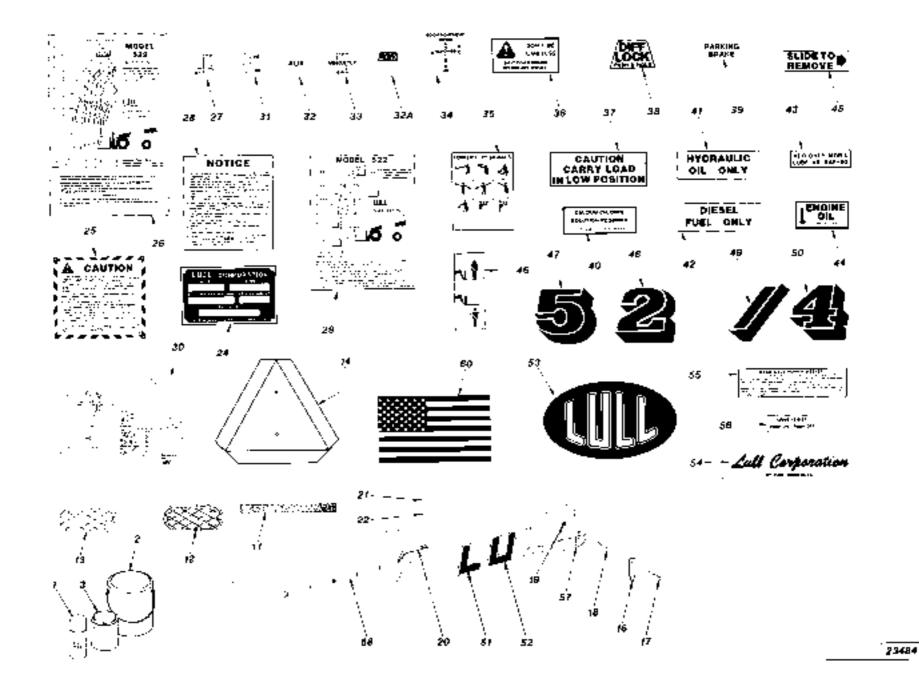
ITEM	PART NUMBER	QTY.	DESCRIPTION	ITEM	PART NUMBER	QTY.	DESCRIPTION	
70 71 72 73 74	P27548 P28551 P27501 B)P28559	1 1 3 1	Wire, Fuse Block - Buzzer (Red • 14 GA.) Wire, Park Brake - Buzzer (Black - 14 GA.) Wire, Switch - Jumper (Green • 14 GA.) Wire, Pressure Switch to Parking Brake Switch (Green - 14 GA.) Wire, Pressure Switch to Ground (Black - 14 GA.)					
	• Not Illu	tion Initi strated	r. lated S/N 308. nt Fuse Block.					
					•			
					N 288 THRU TRICAL AS	SEMBI		23479-1 4/89 Page 2 of 2



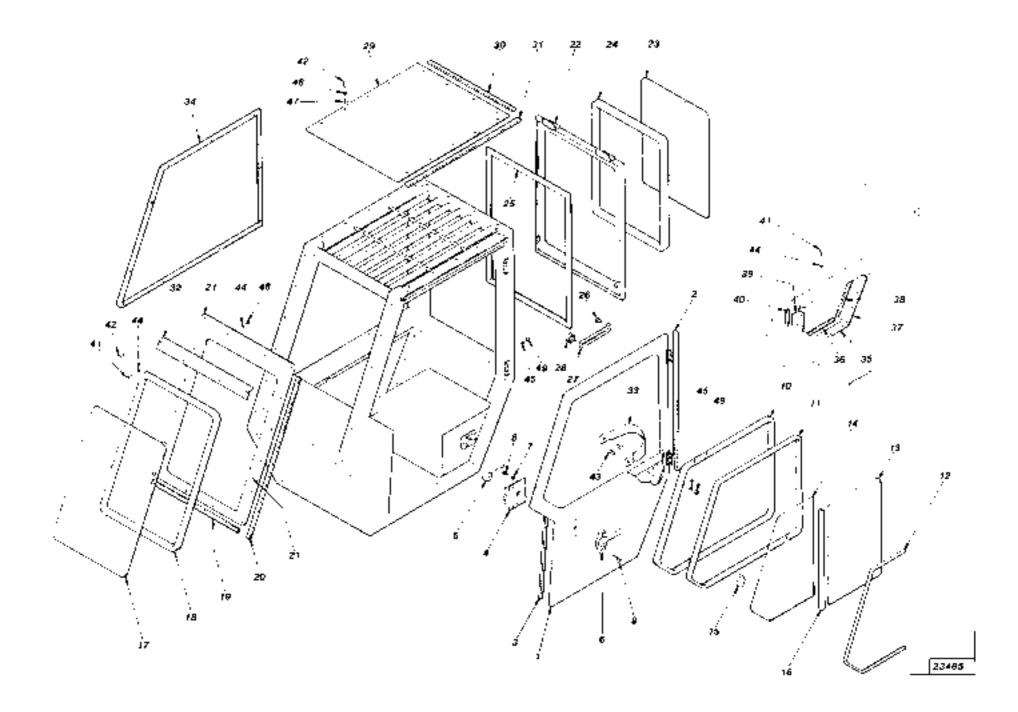




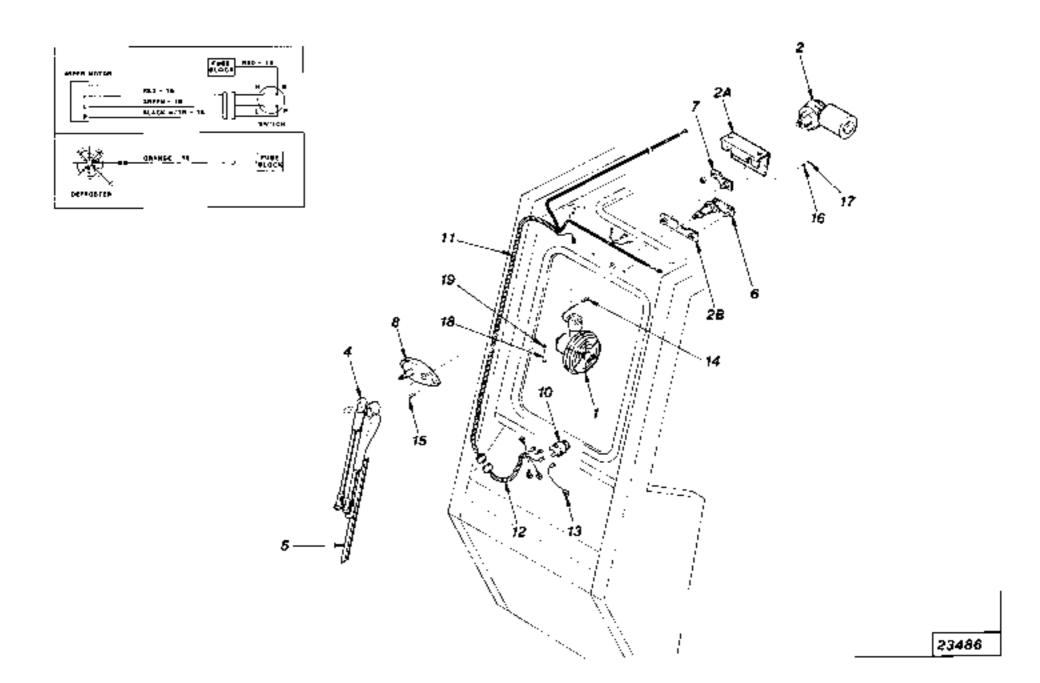
	PART				PART				
TEM	NUMBER	QTY.	DESCRIPTION	ITEM	NUMBER	QTY.	DESCRIPTION		
				1					
1 1	P25719	1	Wire Harness, Pigiali						
2	P25720	1 1	Wire Harness, Main	- 1					
3 ●	P19105	2	Pressure Switch, Transmission						
4	P25722	2	Pressure Switch, Brake	- 1					
5	P25723	1	Indicator Light	- 1					
6	P25724	1	Momentary Switch	- 1		ŀ			
7	P25742	1	Magnet Arm	- 1	ŀ				
B	P25743	1	Control Module	- 1	1				
9	P25744	1	Terminal Strip	- 1	l	ļ			
10	P25728	1	Salenoid Valve	- 1	l	1			
110	P10664	1	Coupling, Pipe	- 1	l				
12+	P10759	. 1	Nipple	- 1					
13	P03 6 51	4	Screw, Self-Tap, 1/4"-20 x 1/2"	ļ	l				
14	P01357	4	Starwasher, 1/4" External		l				
15	P27502	2	Jumper Wire, Yellow	1	l				
16-	P27501	1	Jumper Wire, Green		l				
17*	P25495	1	Fuse, SFE 8 Amp		l				
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	 Used S/N 101 - 307 Only. 							23401	
					N 101 THRU	,		4/89	
	* Not Illustrated.				POWER ASSIST ELECTRICAL ASSEMBLY				



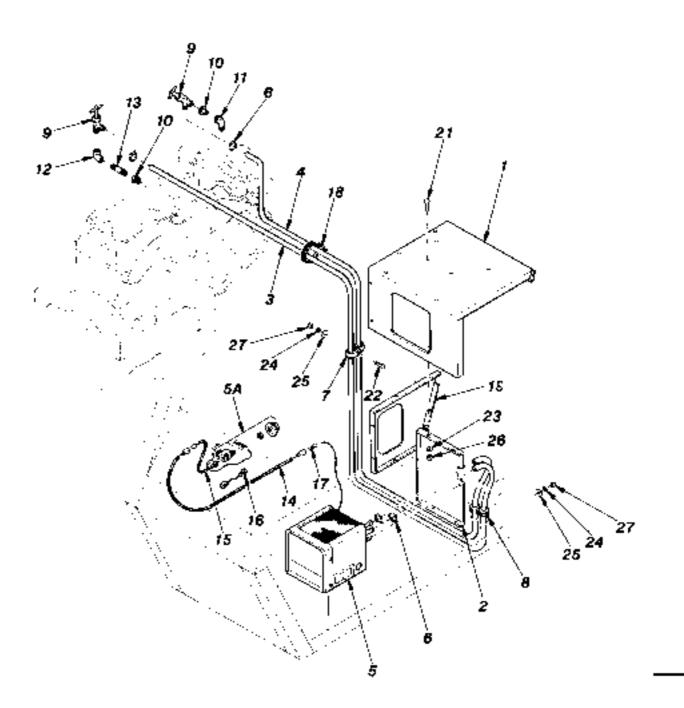
ITEM	PART NUMBER	QTY.	DESCRIPTION	ITEM	PART NUMBER	QTY.	DESCRIPTION	
71217	NO INCLU		DESCRIPTION .	1		1 1		
1 1 I	P18950-7	(A)	Orange Enamel Spray Paim	46	P27585	1	Decal, Carriage Safety	
2	N.L.A.	(B)	Orange Enamel Paint	47	P26087	2	Decal, Number "5"	
3	N.L.A.	(B)	Primer, Paint	48	P25541	4	Decal, Number "2"	
4	N.L.A.	(9)	Thinner, Paint	49	P25543	2	Decal, Stash	
1 11 1	N11599	3	No-Slip Surfacing (2" x 20" Long)	50	P25542	2	Decal, Number '4"	
12	P18991	2	Rellector, Red	51	P18185	6	Decal, Letter "L"	
13	P18992	2	Reflector, Yellow	52	P18185	2	Decal, Letter "U"	
14	P19841	1	Slow Moving Vehicle Sign	53	P17586	1	Decal, 'LULL' Logo	
15"	P27610	2	Screw, Hx. Washer Hd., #10-24 x 1/2'	54	Pt7607	1	Decal, Manufacture	
16	P26295	1 1	Pointer, Boom Angle Indicator	55	P25539	[1	Decal, Drive Assist	•
17	P00105	1	Bolt, Hk., 5/18'-18 x 1 1/4'	56	P25544	, 1	Decal, Assist On/Off	
18	P01403	3	Flatwasher, 5/16"	57	P18003	1 1	Decal, Boom Angle Indicator	•
19	P01657	1 1	Locknut, Hx., 5/16'-18	56	23105A	1 1	Decal, Boom Extension Indic	ator
20	16306A	i	Pointer, Soom Extension	59	P28781	2	Dacal, American Flag	
21	P00202	1 1	Bott, Hx., 3/8"-16 x 3/4"	l				
22	PQ131D	,	Lockwasher, 3/8"	ĺ				
23*	P15355	8	Drive Screw, Rd. Hd., #4 x 1/4"					
24	P16634	i	Plate, Serial Number		l			
25	P26474	2	Plate, Caution	AEF	18794A	1 1	Decai Replacement Package	
26	P28515	REF	Decal, Load Chart - Tower		l		includes items 28 - 59.	
27	P18835	AEF	Decal, Tower Lift Motion		l			
28	P26473	1	Decal, Notice		l			
29	P26472	1	Decel, Load Charl		l			
30	P28098	1 1	Decal, Lubrication Schedule		l			
31	P15168	1	Decal, Carriage Tilt Control		l	i l		
32	P18190	1 1	Decal, Auxiliary Control	ļ	l			
32A	P26523	•	Decal, Carriage Side Tilt Control	-	l			
33	P18818	1 1	Deca), Vehicle Tilt Control	1	l	i l		
34	P16836	1	Decal, Boom Movement (Joystick)		ļ			
35	P21406	1	Deca), Fork Lift Signals		NOTES:			
36	P24705	1	Decal, Don't Be Careless		A) Availa	ble Only	in Cases of (25) 12.5 oz. Spray	Cans.
37	P24704	1	Decal, Carry Load Low		B) Procu	re All Ch	emical and Paint Supplies Loca	illy.
38	P25548	1	Decal, Diff. Lock - Foot Control		1			
39	P28522	1	Decal, Parking Brake		1			
40	P27658	4	Decat, Calcium Chloride Required		1			
41	P25545	1	Decal, Hydraulic Oil Only		1		Г	23484
42	P25546	1	Decat, Diesel Fuel Only		* Not III	ustrated		23404
43	P25930	1	Decai, Axie Lube				,	. Inc
44	P24703	1	Decai. Engine Oil	522 S	N 101 THRU			4/89
45	P26479	1_1_	Decal, Battery Box Cover	DECA	AL GROUP A	<u>ASSEM</u>	BLY	



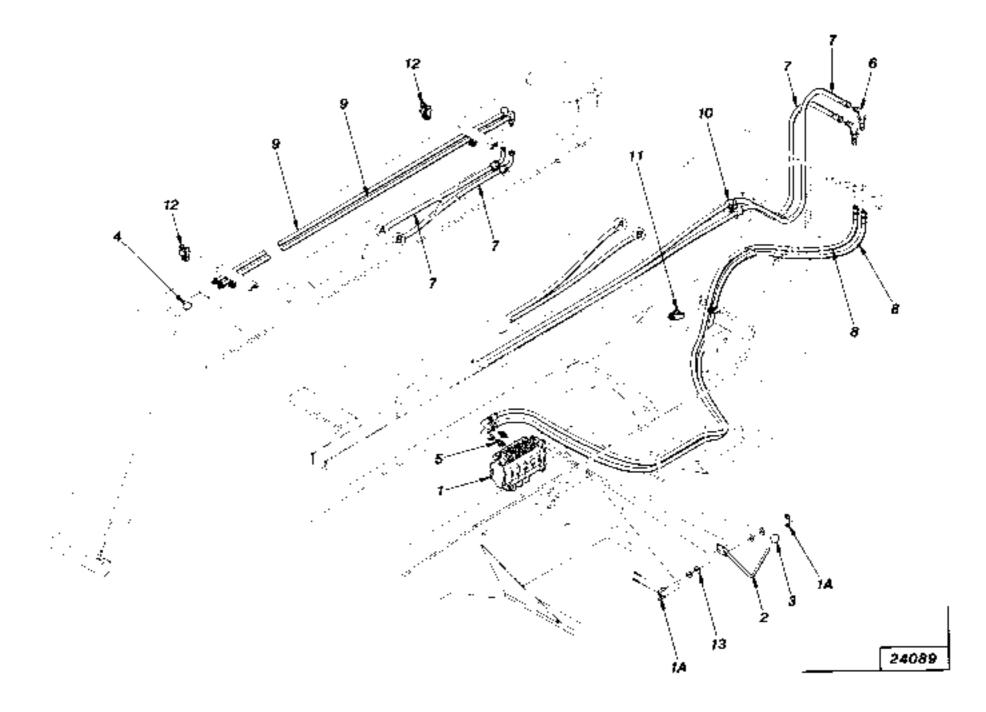
ITEM	PART NUMBER	QTY.	DESCRIPTION	ITEM	PART NUMBER	QTY.	DESCRIPTION
				l			De la Dell'Estate de la Dell'
1 . 1	25029D	REF	Door Assembly (Incl. Items 1 - 16)	36	N11566	! !	Sponge Gaskel, Self-Stick, 1/2' x 1" x 27"
1 1	25030D	1	Door Frame	37	25053B	1	Filler Panel, Rear
1A	22587A	1 1	Hinge, Door	36	N11567	1 1	Sponge Gasket, Self-Stick, 1/2" x 1" x 21"
2	N11792	1	Sponge Gasket, Self-Stick, 1/2' x 1" x 37"	39	25054B	1	Filler Panel, Front
3	N11565	1	Sponge Gasket, Self-Stick, 1/4' x 1" x 156'	40	N11597	1 1	Sponge Gasket, Self-Stick, 1/2" x 1" x 18"
4	P24342	t	Door Lock	41	P00003	25	Bolt, Hx., 1/4'-20 x 3/4"
5	P24343	1	Door Handle, Inside	42	P00005	18	Bolt, Hx., 1/4'-20 x 1'
6	P24344	1 1	Door Handle, Outside	43	P00300	2	Bolt, Hx., 7/16'-14 x 3/4'
7]	P01355	6	Slarwasher, #10	44	P01308	27	Lockwasher, 1/4'
8	P02079	6	Screw, Rd. Hd., #10-32 x 1/2"	45	P01311	2	Lockwasher, 7/16'
9	P03045	2	Screw, Ft. Hd., #10-32 x 3/41	46	PQ1393	14	Starwasher, 1/4" - External
10	N11793	1	Weather Stripping	47	P01402	14	Flalwasher, 1/4"
11	N11794	1	Flex Channel, Window	48	P01506	5	Nut, Hx., 1/4'-20
12	N11795	1	Rubber Spacer, Window	49	P01509	2	Nut, Hx., 7/16'-14
13	P28546	1	Glass Window, Door - Stationary	1			
14	P28547	1	Glass Window, Door - Sliding	l			
15	P24268	1	Finger Pull	1		1	
16	N11412	1	Rigid Channel, Window	1		•	
1 1	25043C	REF	Front Window Ass'y (Incl. Items 17 - 21)	1			
17	P28548	1	Glass Window, Front	1			
16	N11791	1 1	Weather Stripping	1			
19	N 11560	1 1	Sponge Gasket, Self-Stick, 1/4" x 1" x 29"	1			
20	N11790	2	Sponge Gaskel, Sell-Stick, 1/4" x 1" x 41"	ì			
21	25044C	1	Frame, Front Window	1	ļ		
- I	25048C	REF	Rear Window Ass'y (Incl. Items 22 - 27)	į	1		
22	25049C	1	Frame, Rear Window	l			
22A	22587A	-	Hinge. Window Frame	l			
23	25051A	1	Window, Rear - Lexen	l	1		
24	N11418	1	Weather Stripping	l	1		
25	N11789	1	Seat Strip, Window Frame	l	1		
26	P19126	2	Rivot, Window Stay	l	1		
27	P19186	2	Window Stay Adjusting Strap	ı	1		
28	P19127	2	Hand Knob	l	1		
29	25046 B	1 1	Window, Top - Lexan	l	1		
30	N11560	1	Sponge Gasket, Self-Stick, 1/4" x 1" x 29"	1	1		
31	N11598	2	Sponge Gasket, Self-Stick, 1/4" x 1" x 38"	1			[
32	25047B	1	Deflector	1			23485
33	P28731	1	Strap, Door		<u> </u>	<u> </u>	
34	24954C	REF	Window, Side - Lexan	522 O	PTION		4/89
35	25052B	1	Filler Panel, Lower	CAB	ASSEMBLY	1	



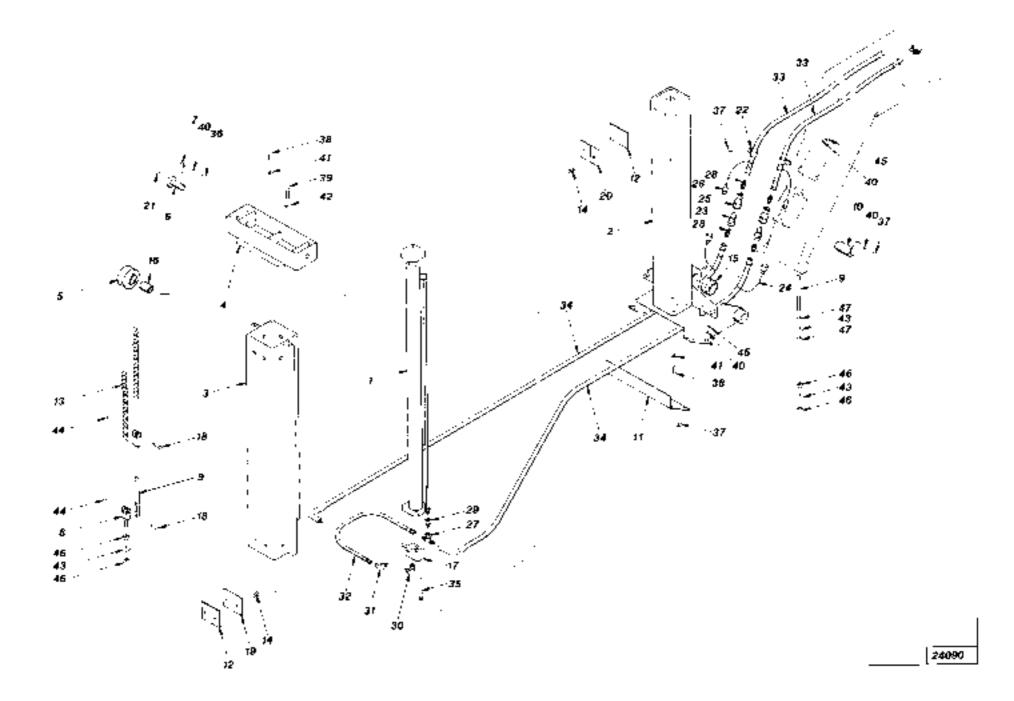
	PART				PART	AT7 4	neconintion.
ITEM	NUMBER	QTY.	DESCRIPTION	ITEM	NUMBER	QTY.	DESCRIPTION
,	P14059	1 I	Delroster Fan			i :	
2	P25353	il	Wiper Motor]]]	
2A	N.Ş.S.	REF	Brackel, Motor	ļ			
2B	P25359	REF	Connecting Link	i			
4	P25992	<u>.</u>	Wiper Arm	l			·
5	P25993	1	Wiper Blade	l			-
6	P25356	i	Pivot Shaft	l			
7	P25357	1 1	Crank Arm	l	l		
8	P25358	1	Pantograph Adapter	l	i		
10	P25371	1	Switch, Wiper - 2 Speed	l	l		
11	P26485	1	Wire Harness, Upper	l	I		
12	P26770	1	Wire Harness, Lower	l	I		
13	P27544	1	Wire, Switch To Fuse Black (Red - 16 GA.)	l	1		
14	P13510	1	Terminal, Male (For Defroster)	l	1		
15	P00003	2	Bolt, Hx., 1/4"-20 x 3/4"	l	1		
18	P01308	2	Lockwasher, 1/4"	l	1		
17	P01508	2	Nut, Hx., 1/4'-20	l	1		
18	P02054	4	Screw, Slotted Rd. Hd., #10-24 x 1/2*	l	1		
19	P01306	4	Lockwasher, #10	l	1		
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		3		WIPE	R AND DEF	ROSTE	R ASSEMBLY



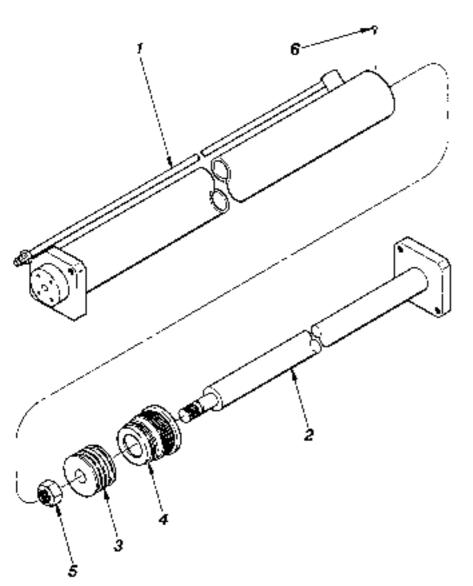
ITEM	PART Number	QTY.	DESCRIPTION	ITEM	PART NUMBER	QTY.	DESCRIPTION	
1	A)26051C	1	Seat Box, Heater					
'2	25203C	⊢il	Mounting Panel, Heater			1		
3	N11729	i	Heater Hose, 5/8" x 72"					
4	N11730		Heater Hose, 5/8" x 66"					i
5	P13290	1	Heater, Hot Water					
5A	P25987	REF	Switch, Heater	i				
6	P10186	4	Hose Clamp		ĺ			
7	P17593	4	Clamp, Healer Hose	l				
l a	P24763	2	Grommet, Hose	l				
g	P23266	2	Shut-Off Valve	l				
10	P10120	2	Reducer Bushing	l	ŀ			
11	P10118	1	45° Elbow, Street	l	1			
12	P10224	1	90° Elbow. Pipe	l	1			
13	P10789	1	Nipple, Pipe	l	1			
14	P28484	1 [Wire Harness, Lower	l	1			
15	P26771	1	Wire Hameas, Upper	l	1			
18	P27545	1	Wire, Switch To Fuse Block (Red - 16 GA.)	l	1	<u> </u>		
17	P13510	1	Terminal, Mala	l	1	1		
18	P17969	3	Ту-Пар	l	1			
19	A)26067C	1	Panel, Side	l	1	'		
21	P00001	4	Boft, Hz., 1/4'-20 x 1/2"		1	i		
22	P00102	2	Bolt, Hx., 5/16"-18 x 3/4"	Į .	1	1		
23	P01308	4	Lockwasher, 1/4"	l	1			
24	P01309	5	Lockwasher, 5/16"	l	1			
25	P01403	5	Flatwasher, 5/16'	l	Ì			
26	P01506	4	Nut, Hx., 1/4'-20	l	Į.			
27	PQ1507	5	Nal, Hx., 5/16'-18	l				
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1				l	NOTES:			
1				l	A) Replac	es Stani	dard Equipment.	
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		ļ		CAB	HEATER AS	SEMB	LY (HOT WATER)	



	PART				PART				
ITEM	NUMBER	QTY.	DESCRIPTION	ITEM	NUMBER	QTY.	DESCRIPTION		
					1			1	
1	P2849D	1	Valve, 4 Spool						
1A [P27957	RGF	Clevis Kit						
1B	P28737	-	Valve Section, 2nd Auxiliary						
10	P28736	-	Stud Kit (4 Section)						
2	26390A	1	Handle, Valve		İ	ţ			
3	P18721	1	Knob, Handle			I			
4	P21627	2	Cap, Hex			! !	•		
5	P1540 6	2	Connector, O-Ring			1 i			
5	P18947	2	45° Elbow. Bulkhead						
7	P28641	2	Hyd. Hose .38' x 177'						
8	P28642	2 !	Hyd. Hose .38' x 119'	-				1	
9	P26262	2 :	Hyd. Tube .38' O.D.	1				Ŀ	
10	P17553	2	Clamp, Hyd. Hose	1				- 1	
11	P20466	2	Clamp, Hyd. Hose					Į.	
12	P26015	4	Clamp, Hyd. Tube	i				- 1	
13	P01402	4	Flatwasher, 1/4*		i			- 1	
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t l		I		2nd AUXILIARY ASSEMBLY					

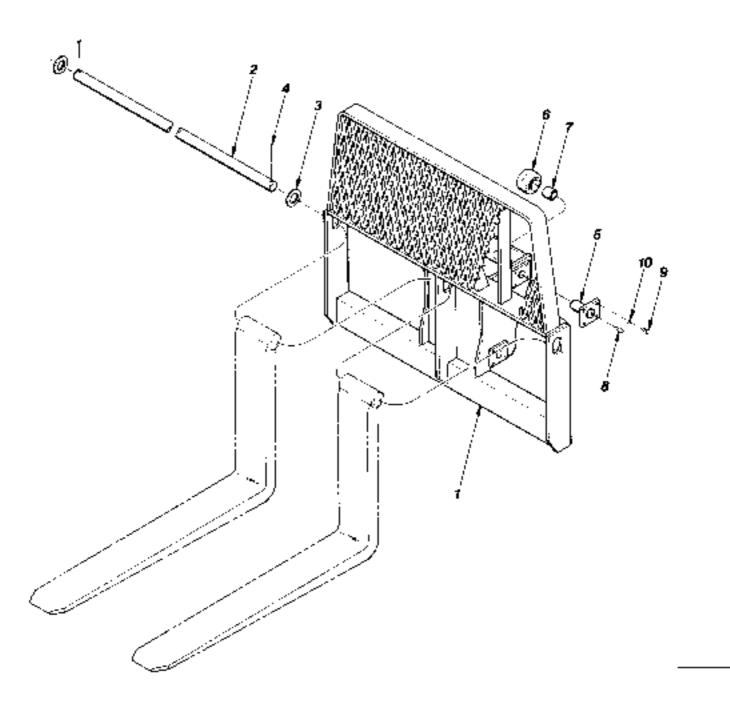


	PART				PART	0704	BCPCDIDTIGN	
ITEM	NUMBER	OTY.	DESCRIPTION	ITEM	NUMBER	QTY.	DESCRIPTION	
1.1	P27791	1	Cylinder, Tower	40	P01310	9	Lockwasher, 3/8	
1	26129D	- i I	Upright Frame	41	P01312	4	Lockwasher, 1/2	I
2	26125C	- i I	Yoke Tube	42	P01314	2	Lockwasher, 5/8'	
] 3	I		Pulley Housing	43	P01363	6	Stanvasher, 5/8	
1 4 1	26137C	1 2	Chain Pulley	44	P01506	4	Nut, Hx., 1/4"-20	ļ
5	149798		· ·	45	P01508	6	Nut. Hx., 3/8"-16	}
6 7	26143A 26161A	2	Pin, Chain Pulley Lock Pin	46	P01535	8	Nut, Hx., 5/8"-18	
1 1		2	Chain Anchor, Short	47	P01585	4	Jam Nut, Hx., 5/8'-18	ľ
1 8	15055B			! "′	101303		DB18 1900, 112., 3.0 110	
9	261418	2	Chain Anchor, Long Pin. Tower Pivot					
10	18128A	1 1	Cover Plate					i
11 1	26149B	8	Shim, Wear Pad	REF*	A)P28515	1 1	Decal, Tower Load Chart	
12	26152A	_	Chain - For Standard Carriage	REF*	A)P18835		Decal, Tower Lift Motion	i
13	N11839	2 2	Chain - For Tilting Carriage	"-"	7,1 10003	'	Decoi, rene am moner	
1 I	N11838	18	Screw, Brass, Stotted Flat Hd.		1			
14	P17676 P18830	_	Bushing, Self - Aligning		1	,		
15		1 2	Bushing, Chain Pulley		1	i		
16	P20365	1	Counterbalance Válvá		1			
17	P26324 P27971	4	Shoulder Bott, Self - Locking, 5/16' Dia. x 1"		1	!		
18	P28503	7	Weer Pad		1	1		
19 20	P26504	1	Wear Pad, Grooved		1			i
20	P16811	3	Grease Zerk		1			
22	P17553	2	Clamp, Hyd. Hose	1	1			
23	P11353	2	Guick Coupler, Male		1			
24	P10325	2	Dust Cap	1	1			
25	P11354	2	Quick Coupler, Female	l	1			
25	P10328	2	Dust Plug	l	1			
27	P19845	1	Tee, Swivel	l	1			
28	P19875	Á	Connector, JIC - Pipe	l	1	I	l	
29	P26605	1	Reducer, Swivel	l	NOTES:			
30	P18935	i	90° Elbow, O-Ring	l	1	cal Grai	p for Illustration.	
31	P21919	;	90° Elbow, O-Ring	l	I NI SHE DE	Car Circl	p for inpariation.	
32	P21617	;	Hyd. Hose .25' x 14'	l	l			
33	P18904	2	Hyd. Hose .38' x 36'	l	l			
34	P28643	2	Hyd. Hose .38' x 50'	I				
35	P01791	4	Balt, Sacket Hd., 5/16'-18 x 2 1/4"	I				
36	P00203	2	Bolt, Hx., 3/8'-16 x 7/8'	I	Not Illu	strated		24090
37	P00204	7	Boll. Hx., 3/8"-16 x 1"		l			_ ,,,,,
38	P00403	4	Boll, Hx., 1/2'-13 x 1 1/4'	522 O	PTION			4/89
39	P00604	2	Boll, Hx., 5/8'-11 x 2'	TOW	ER ASSEM	RI V		
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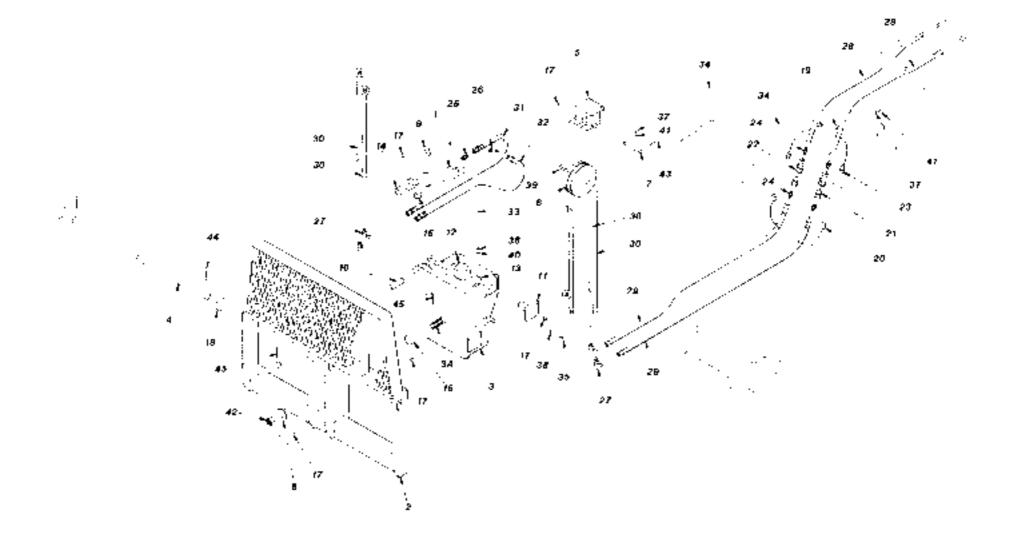


ITEM	PART NUMBER	QTY.	DESCRIPTION				
REF	P27791		Tower Cylinder				
	P27894		For Cylinders With 2' Dia. R Barrel Weldment	od			
2	P27895	1 1	Rod Weldment (2.00" Dia.)				
3	P27896	1 1	Piston				
4	P27897	1 1	Rod Bearing				
5	P20085	1 1	Locknut	ļ			
7*	P27898	1	Stroke Limiter	į			
REF	P27899	1	Şesi Kit				
			For Cylinders With 1 3/4' Di	e. flod			
1	P27266	1 1	Barrel Weldmeni				
2	P27867	1	Rod Weldmant (1 3/4° Dta.)				
J	P27875	1	Piston				
4	P27881	1	Rod Bearing				
5	P27278	1	Locknut				
-6	P24889	1	Capscrew				
REF	P27298	1	Seal Kit				
				04004			
Ì	* Not Illu	giraled		24091			
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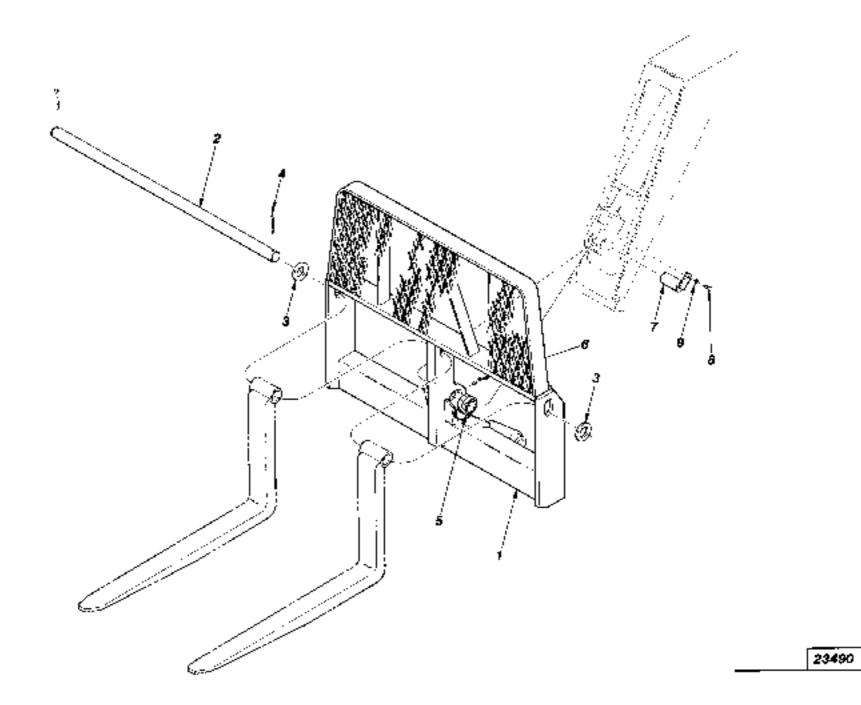
TOWER CYLINDER ASSEMBLY



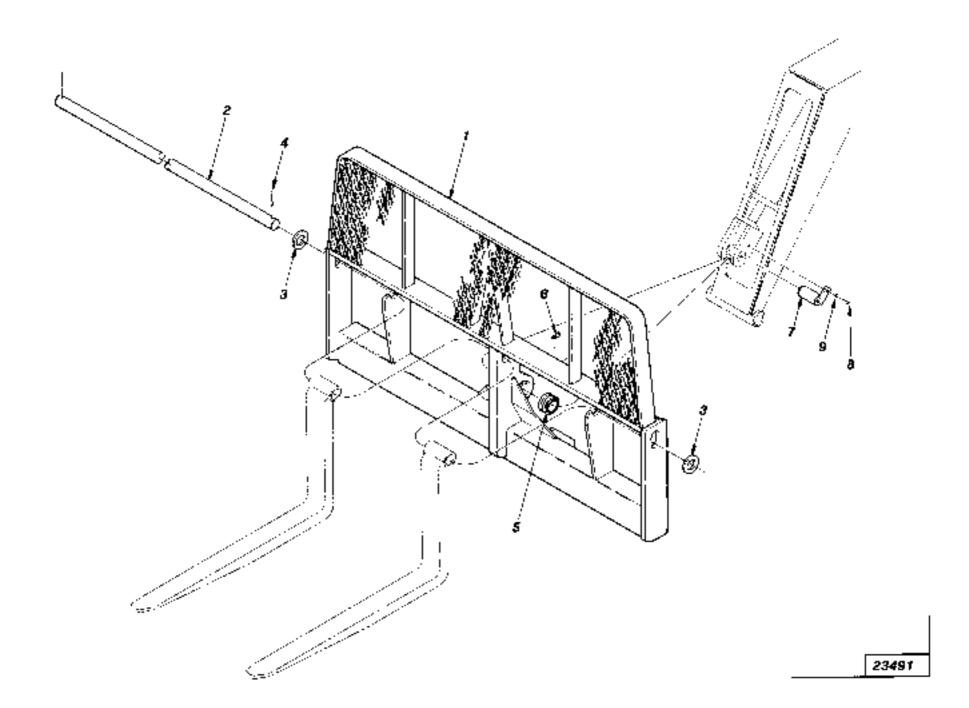
	PART				PART			
ITEM	NUMBER	QTY.	DESCRIPTION	ITEM	NUMBER	OTY.	DESCRIPTION	
1 2 3 4 5 6 7 8 9	26121D 18134A P19928 P03908 26146B 26150B P19110 P16611 P00204 P01310	1 1 2 2 4 4 4 4 16	Carriage, Tower Fork Shaft Washer, Fork Shaft Cotter Pin, 3/8" x 3" Spindle Roller Bushing, Holler Grease Zerk Boll, Hx., 3/8"-16 x 1" Lockwasher, 3/8"		NUMBER	<u> </u>	CCSCHIP TION	
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				522 OF	POIT		I	4/89
						 N - TII T) TOWER CARRIAGE ASSEMBI	
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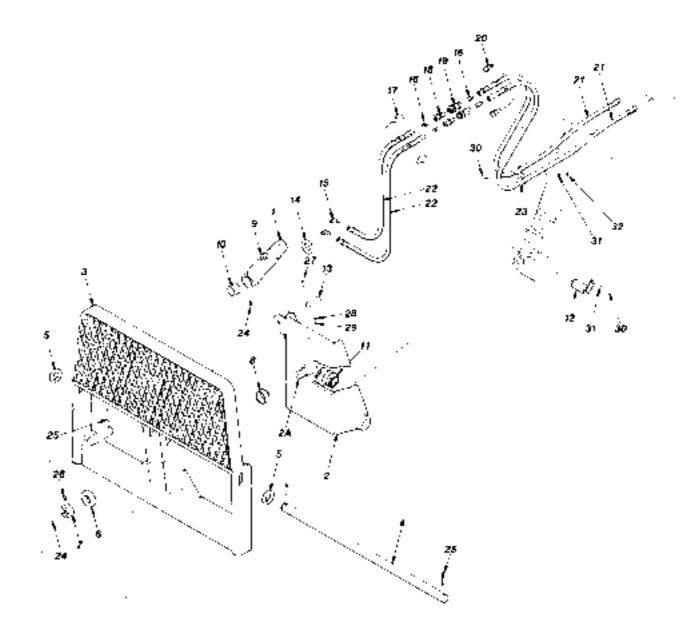
ITEM	PART NUMBER	QTY.	DESCRIPTION	ITEM	PART NUMBER	QTY.	DESCRIPTION	
1,5,		7		1		T1		
1 1	P20139	1	Cylinder, Carriage Till	40	P01507	1	Nut, Hx., 5/16'-18	. !
2	26298D	1	Outer Carriage, Tower	41	P01508	3	Nut, Hx., 3/6'-16	
3	28301D	1	Inner Carriage, Tower	42	P01627	1 1	Slotted Nut, Hx., 1 3/4"-12	
3A	30390D	REF	Pivol Shaft Field Repair	43	P03840	1 1	Cotter Pin. 1/81 x 1 1/21	
4	18134A	1 1	Fork Shaft	44	P03905	2	Cotter Pin, 3/8" x 2 1/2"	
5	16114⊞	1	Housing, Hose Sheave	45	P03906	2	Cotter Pin. 3/81 x 3"	
6	16115B	1	Hose Sheave					
7	16117A	1	Pin, Hose Sheave					
8	16223A	1	Thrust Washer, Pivot Pin					
9	16226A	1	Washer, Spacer					
10	16229A	1 1	Pin, Tilt Cylinder, Upper					
11	26146B	4	Spindle, Roller					
12	26150B	4	Roller, Tower	ĺ				
13	P19110	4	Bushing, Roller					
14	P19106	1	Bushing, Cylinder - Lower					
15	P25199	1	Bushing, Cylinder - Upper		i	.		
16	P20590	1	Bushing, Pivot Pin		1	<u> </u>		
17	P16811	10	Grease Zerk]			
18	P19926	2	Washer, Fork Shall	l				
19	P17553	2	Clamp, Hyd. Hose	l	<u> </u>	ļ		
20	P10325	2	Cep, Dust	l	İ			- 1
21	P11353	2	Quick Coupler, Male	l				1
22	P11354	2	Quick Coupler, Female	l				- 1
23	P10326	2	Plug, Dust	l			İ	j
24	P19875	4	Connector, JIC - Pipe	l				1
25	P18938	1	Connector, JIC - Pipe	l				- 1
26	P18943	1	45° Elbow, JIC - Pipe	l		1		
27	P18931	4	90° Elbow, Bulkhead	!		1		
28	P18904	2	Hyd. Hose .38' x 36"]				
29	P18094	2	Hyd. Hose .38' x 38"	,				
30	P21960	2 !	Hyd. Hose .38" x 108"					
31	P25212	1	Hyd. Hose .38" x 19"	l				
32	P18087	1	Hyd. Hose .38" x 21"	l				
33	P00108	1 1	Bok, Hx., 5/16'-18 x 2"	1	l			
34	P00204	3	Bolt, Hx., 3/8'-16 x 1'	1	l			
35	P00403	16	Bolt, Hx., 1/2'-13 x 1'	1	l			\ <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>
36	P01309	1	Lockwasher, 5/18	1	l		240	193
37	P01310	3	Lockwasher, 3/8"	522 OI	DTION			4/89
38	P01312	16	Lockwasher, 1/2"					4,00
39	P01408	6	Flatwasher, 5/8*	TOWER TILTING CARRIAGE ASSEMBLY				



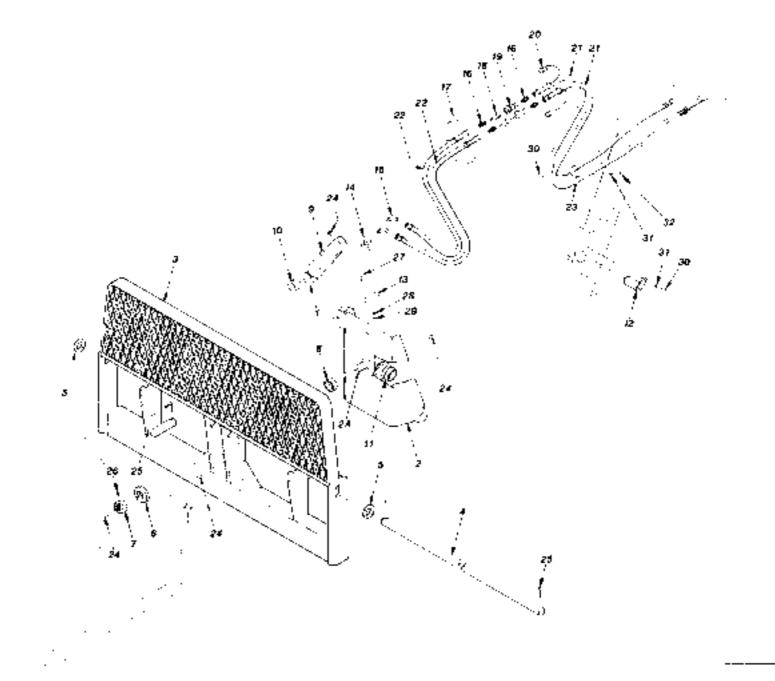
ITEM	PART NUMBER	QTY.	DESCRIPTION	ITEM	PART NUMBER	QTY.	DESCRIPTION	
	00700D	1	Carriage, Standard					
1 2	23709D 18134A		Fork Shatt					
3	P19926	2 1	Washer, Fork Shaft					
\ <u>\</u>	P03906	2	Cotter Pin, 3/8" x 3"					
5	P18830	1	Bushing, Self - Aligning					
6	P15367	1	Grease Zerk, 45*					
7	18128A	1	Pin, Carriage Pivot			i		į
8	P00204	1	Bott, Hx., 3/8"-16 x t"			[- 1
9	P01310	1	Lockwasher, 3/8'	ļ				
REF	P19255	-	Pallel Fork, 42° x 4° x 2°					ļ
AEF	P19389	-	Pallet Fork, 46" x 4" x 2"					
REF	13278D	-	Cubing Fork, 48" x 2" x 2"					
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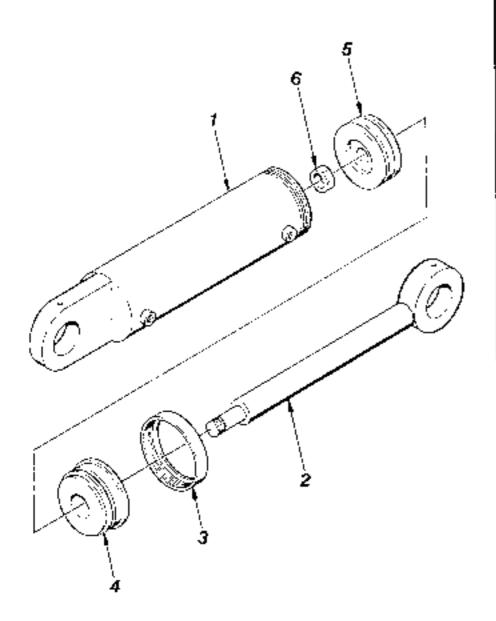
ITEM	PART NUMBER	QTY.	DESCRIPTION	ITEM	PART NUMBER	QTY.	DESCRIPTION
	24412D	1	Carriage, Framera				
2	16138A	- i	Fork Shaft		1	1	
3	P19926	2	Washer, Fork Shaft		1	1	
4	P03908	2	Cotter Pin, 3/8" x 3"		1]	
5	P18830	1	Bushing, Self - Aligning		1]	:
6	P15367	1	Grease Zerk, 45*		1		
7	18128A	1	Pln, Carriage Pivot		1		
. 6	P00204	1	Balt, Hx., 3/6"-16 x 1"		1		
9	P07310	1	Lockweeher, 3/8*				
REF	P19255		Pallet Fork, 42" x 4" x 2"				
REF	P19389		Pallet Fork, 48" x 4" x 2"				
REF	13278D	.	Cubing Fork, 48' x 2' x 2'				
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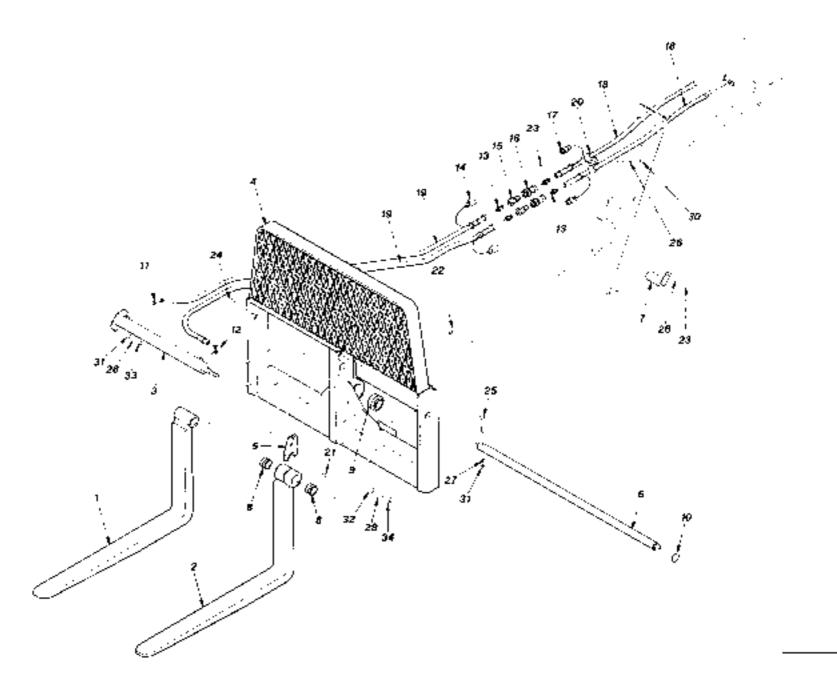
ITEM	PART NUMBER	QTY.	DESCRIPTION	ITEM	PART NUMBER	QTY.	DESCRIPTION	
1	A)P20139	1	Cylinder, Tilting Carriage					
2	24390D	1	Inner Carriage	ŀ				
2A	30387D	REF	Pivot Shaft (Field Repair)		•			
3	18279D	1 1	Carriage, Standard Tilling		1			
4 '	18134A	1	Fork Shaft		1			
5	P19926	2	Washer, Fork Shaft					
6	18223A	1	Thrust Washer					
7	16224A	1	Nut, Pivol Shaft					
8	P20889	1	Bushing, Pivot Shaft					
9	P25199	1	Bushing, Cylinder - Upper		į.			
10	P19106	1	Bushing, Cylinder - Lower		į			
11	P18830	1	Bushing, Self - Aligning					
12	18128A	1	Pin, Carriage Pivol					
13	16229A	1	Pin, Till Carriage Cylinder					
14	16323A	1	Washer, Special					
15	P18943	2	45° Elbow, JIC - Pipe					
16	P19875	4	Connector, JIC - Pipe					
17	P10325	2	Cap, Dust					
15	P11353	2	Ouick Coupler, Male			ŧ		
19	P11354	2	Quick Coupler, Female					
20	P10326	2	Plug, Dust			l		į
21	P16904	2	Hyd. Hose .38" x 36"			l		
22	P18856	2	Hyd. Hose .35" x 47"			l		Ī
23	P17553	2	Clamp, Hyd. Hose			!		
24	P16611	6	Grease Zerk			1		
25	P03906	3	Cotter Pin, 3/8' x 3"	- 1		1		
26	P02612	2	Selscrew, Cup Pt., 3/8'-18 x 3/8'			1		
27	P00108	1 1	Balt, Hx., 5/16'-18 x 2"	ļ]		
28	P01309	1	Lockwasher, 5/18*	i		-	-	
29	P01507	1	Nut, Hx., 5/16/-18	1	NOTES:			
30	P00204	2	Boff, Hx., 3/8'-16 x 1'	i	A) For Par	rts Break	down, See Tilling Carriage	
31	P01310	2	Lockwasher, 3/8"	- 1	Cylinde	er Assen	nbly.	
32	P01508	1	Nut, Hx., 3/8"-18	- 1				
1					I			
1	l							
REF	P19255	-	Pailet Fork, 42" x 4" x 2"		I			00.00
1					I			23492
REF	P19389	-	Patiet Fork, 48" x 4" x 2"	522 O	PTIÔN			4/89
REF	13278D	_	Cubing Fork, 48" x 2" x 2"	I —		III TIM	G CARRIAGE ASSEMBLY	- /
			Daning Form, No. A. B. A. B.	1 20 2	TANDAND		2 OANHAGE AGGENIEL	



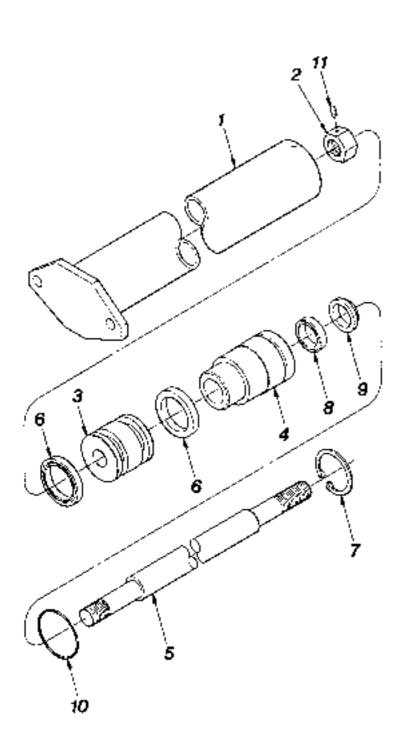
1754	PART	O.TV	DESCRIPTION	ITEM	PART NUMBER	OTY.	DESCRIPTION	
ITEM	NUMBER	QTY.	DESCRIPTION	13 EM	NUMBER	<u> </u>	DESCRIPTION	
1 1	A)P20139	,	Cylinder, Tilting Carriage					
2	24390D		Inner Carriage					
2A	30387D	REF	Pivot Shaft (Fleid Repair)					
3	18280D	1	Carriage, Framers Tilting		ļ			
4	18138A	í	Fork Shall		Į.			
5	P19926	2	Washer, Fork Shaft		ĺ			
В	16223A	-	Thrust Washer					
;	16224A	i	Nut, Pivot Shaft					
	P20889	i	Bushing, Pivol Shaft					
اوا	P25199	1	Bushing, Cylinder - Upper					
10	P19106	i	Bushing, Cylinder - Lower)		
11	P18830	1 1	Bushing, Self - Aligning]		
12	18126A	1	Pln, Carriage Pivot	-				
13	16229A	1	Pin, Tilt Carriage Cylinder	1		1 '	1	
14	16323A	1	Washer, Special			İ		
15	P18943	2	45° Elbow, JiC - Pipe					
18	P19875	4	Connector, JIC - Pipe	- 1				
17	P10325	2	Cap, Dust	- 1				
18	P11353	2	Quick Coupler, Male					
19	P11354	2	Quick Coupler, Female	- 1				
20	P10326	2	Plug, Dust	- 1	j			
21	P18904	2	Hyd. Hose .38' x 36'	- 1	1			
22	P18856	2	Hyd. Hose .38" x 47"	- 1	i			
23	P17653	2	Clamp, Hyd. Hose	- 1	1			
24	P16811	- 6	Grease Zerk	- 1				
25	P03906	3	Cotter Pin, 3/8" x 3"	- 1				
26	P02612	2	Setscrew, Cup PL, 3/8'-16 x 3/8'					
27	P00108	1	Bolt, Hx., 5/16'-18 x 2'	- 1				
28	P01309	1	Lockwasher, 5/16'	- 1		•	•	
29	PQ1507	1	Nut, Hx., 5/16"-16		NOTES:			
30	P00204	2	Bolt, Hx., 3/8"-16 x 1"	- 1	A) For Pa	rts Break	down, See Tilting Carriage	
31	PQ1310	2	Lockwasher, 3/8"	- 1	Cylind	er Assen	nbly.	
32	P01508	1	Nut, Hx., 3/8'-16	- 1				
			1	- 1			r	
				1			t	
AEF	P19255	-	Paliel Fork, 42" x 4" x 2"	- 1			İ	02402
1		ŀ						23493
REF	P19389	9389 • Pallet Fork, 48" x 4" x 2"	522 O	PTION		·	4/89	
REF	13278D	_	Cubing Fork, 48" x 2" x 2"	· ! ——		LTING	CARRIAGE ASSEMBLY	



ITEM_	PART NUMBER	QTY.	DESCRIPTION				
REF	P20139		Tilting Carriage Cylinder				
1	P25293	1	Barrel Weldment				
2	P25297	1 1	Rod Weldment				
3	P23778	1	Rod Bearing Retainer				
4	P23788	1	Rod Bearing				
5	P19224	1 1	Piston	1			
6	P19217	1	Locknut				
REF	P20119	1	Seal Kit				
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				23494			
	522 OPTION 4/89						
TILTING CARRIAGE CYLINDER ASSEMBLY							



ITEM	PART NUMBER	QTY.	DESCRIPTION	Mati	PART NUMBER	QTY.	DESCRIPTION	
	,			T				
1 1	P19255	REF	Pallet Fork, 42' x 4' x 2'					
1 1	P19389	AEF	Pallet Fork, 48' x 4'' x 2''					
2	18656B	REF	Paltet Fork, 42' x 4' x 2"					
1 1	18404B	REF	Pallet Fork, 48" x 4" x 2"					
3	A)16617D	1	Cylinder, Fork Shift		,			
4	25233D	1	Cerriage, Fork Shift		1			
5	16643A	1 1	Fork Shifter		1			
₿	18658A	1	Fork Shalf		ĺ			
7	18128A	1 1	Pin, Carriage Pivol		1			
8	18657A	2	Bushing, Shitt Fork		1			
9	P18830	1 1	Bushing, Self - Aligning		1			
10	P19480	1	Snap Ring		l			
11	P19550	1 1	45° Elbow, JIC - Pipe		1			
12	P20374	1 1	90° Elbow. JIC - Pipe		1			
13	P18875	4	Connector, JIC - Pipe		1			
14	P10325	2	Cap, Dust		1			
15	P11353	2	Quick Coupler, Male		1			
16	P11354	2	Quick Coupter, Female		1			
17	P10326	2	Plug, Dust		1			
18	P18904	2	Hyd. Hose .38" x 36"		1			
19	P19487	2	Hyd. Hose .38" x 60"		1			
20	P17553	2	Clamp, Hyd. Hose		1			
21	P18811	2	Grease Zerk		1			
22	P15367	1 1	Grease Zerk, 45°		1			
23	P00204	2	Bolt, Hx., 3/8'-16 x 1"		1			
24	P00406	2	Bolt, Hx., 1/2"-13 x 2"		1			
25	P00410	1 1	Bolt, Hx., 1/2'-13 x 3"		1			
26	P01310	2	Lockwasher, 3/8"	ļ	l			
27	P01312	1	Lockwasher, 1/2"		l	- '	-	
26	P01361	2	Starwasher, 1/2		NOTES:			
29	P01364	1	Starwasher, 3/4		A) For Par	1s Break	down, See Fork Shift	
30	P01508	1	Nut, Hx., 3/8'-16		Cylinde	er Assen	nbly.	
31	P01510	3	Nut, Hx., 1/2'-13				ı	
32	P01513	1	Nut, Hx., 3/4"-10		l			
33	P01560	2	Jam Nut, Hx., 1/2'-13		l			
34	PQ1563	1 1	Jam Nut, Hx., 3/4'-10		1			00405
								23495
				522 OI	PTION			4/89
				FORK	SHIFT CAR	RRIAGI	E ASSEMBLY	



TEM NUMBER GTY. DESCRIPTION
2 16649A 1 Nut, Special 3 16648A 1 Piston 4 16647A 1 Rod Bearing 5 16646A 1 Rod, Cylinder 6 P19419 2 Seal, Piston 7 P19418 1 Snap Ring 8 P19417 1 Seal, Rod 9 P19416 1 Wiper, Rod 10 P11425 1 O-Ring
3 16648A 1 Piston 4 18647A 1 Rod Bearing 5 16646A 1 Rod, Cylinder 6 P19419 2 Seal, Piston 7 P19418 1 Snap Ring 8 P19417 1 Seal, Rod 9 P19416 1 Wiper, Rod 10 P11425 3 O-Ring
3 16648A 1 Piston 4 18647A 1 Rod Bearing 5 16646A 1 Rod, Cylinder 6 P19419 2 Seal, Piston 7 P19418 1 Snap Ring 8 P19417 1 Seal, Rod 9 P19416 1 Wiper, Rod 10 P11425 3 O-Ring
5 16646A 1 Rod, Cylinder 6 P19419 2 Seal, Piston 7 P19418 1 Snap Ring 8 P19417 1 Seal, Rod 9 P19416 1 Wiper, Rod 10 P11425 1 O-Ring
6 P19419 2 Seal, Piston 7 P19418 1 Snap Ring 8 P19417 1 Seal, Rod 9 P19416 1 Wiper, Rod 10 P11425 3 O-Ring
6 P19419 2 Seal, Piston 7 P19418 1 Snap Ring 8 P19417 1 Seal, Rod 9 P19416 1 Wiper, Rod 10 P11425 3 O-Ring
7 P19418 1 Snap Ring 8 P19417 1 Seal, Rod 9 P19416 1 Wiper, Rod 10 P11425 3 O-Ring
9 P19416 1 Wiper, Rod 10 P11425 3 O-Ring
10 P11425 1 O-Ring
1 1 1
11 P02562 1 Setscrew, Cup Pt., 1/4"-20 x 1/4"
23496
522 OPTION 4
FORK SHIFT CYLINDER ASSEMBLY

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CORPORATE OFFICE JLG INDUSTRIES, INC.

1 JLG Drive McConnellsburg, PA. USA 17233-9533

Phone: (717) 485-5161 Toll Free: (877) 554-5438 Fax: (717) 485-6417

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JLG Industries (Australia) P.O. Box 5119 11 Bolwarra Road Port Macquarie N.S.W. 2444 Australia Phone: (61) 2 65 811111

Fax: (61) 2 65 810122

JLG Latino Americana Ltda. Rua Eng. Carlos Stevenson, 80-Suite71 13092-310 Campinas-SP

Brazil Phone: (55) 19 3295 0407

Fax: (55) 19 3295 1025

JLG Industries (Europe) Kilmartin Place, Tannochside Park Uddingston G71 5PH Scotland Phone: (44) 1 698 811005 Fax: (44) 1 698 811055

JLG Industries (UK) Unit 12, Southside Bredbury Park Industrial Estate Bredbury Stockport SK6 2sP England Phone: (44) 870 200 7700 Fax: (44) 870 200 7711

JLG Europe B.V. Jupiterstraat 234 2132 HJ Hoofddorp The Netherlands Phone: (31) 23 565 5665 Fax: (31) 23 557 2493

JLG Industries (Pty) Ltd. Unit 1, 24 Industrial Complex Herman Street Meadowdale Germiston South Africa Phone: (27) 11 453 1334 Fax: (27) 11 453 1342

JLG Deutschland GmbH Max Planck Strasse 21 D-27721 Ritterhude/Ihlpohl Bei Bremen Germany Phone: (49) 421 693 500

Fax: (49) 421 693 5035

JLG Industries (Norge AS) Sofeimyrveien 12 N-1412 Sofienyr Norway Phone: (47) 6682 2000

Fax: (47) 6682 2001

Plataformas Elevadoras JLG Iberica, S.L. Trapadella, 2 P.I. Castellbisbal Sur 08755Castellbisbal Spain

Phone: (34) 93 77 24700 Fax: (34) 93 77 11762

JLG Industries (Italia) Via Po. 22 20010 Pregnana Milanese-MI Phone: (39) 02 9359 5210 Fax: (39) 02 9359 5845

JLG Polska Ul. Krolewska 00-060 Warsawa Poland Phone: (48) 91 4320 245 Fax: (48) 91 4358 200

JLG Industries (Sweden) Enkopingsvagen 150 Box 704 SE - 175 27 Jarfalla Sweden Phone: (46) 8 506 59500 Fax: (46) 8 506 59534