



PART MANUAL



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534C-10

2460-4100

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GRADALL®
MATERIAL HANDLER
534C-9/534C-10

CHASSIS & ATTACHING PARTS

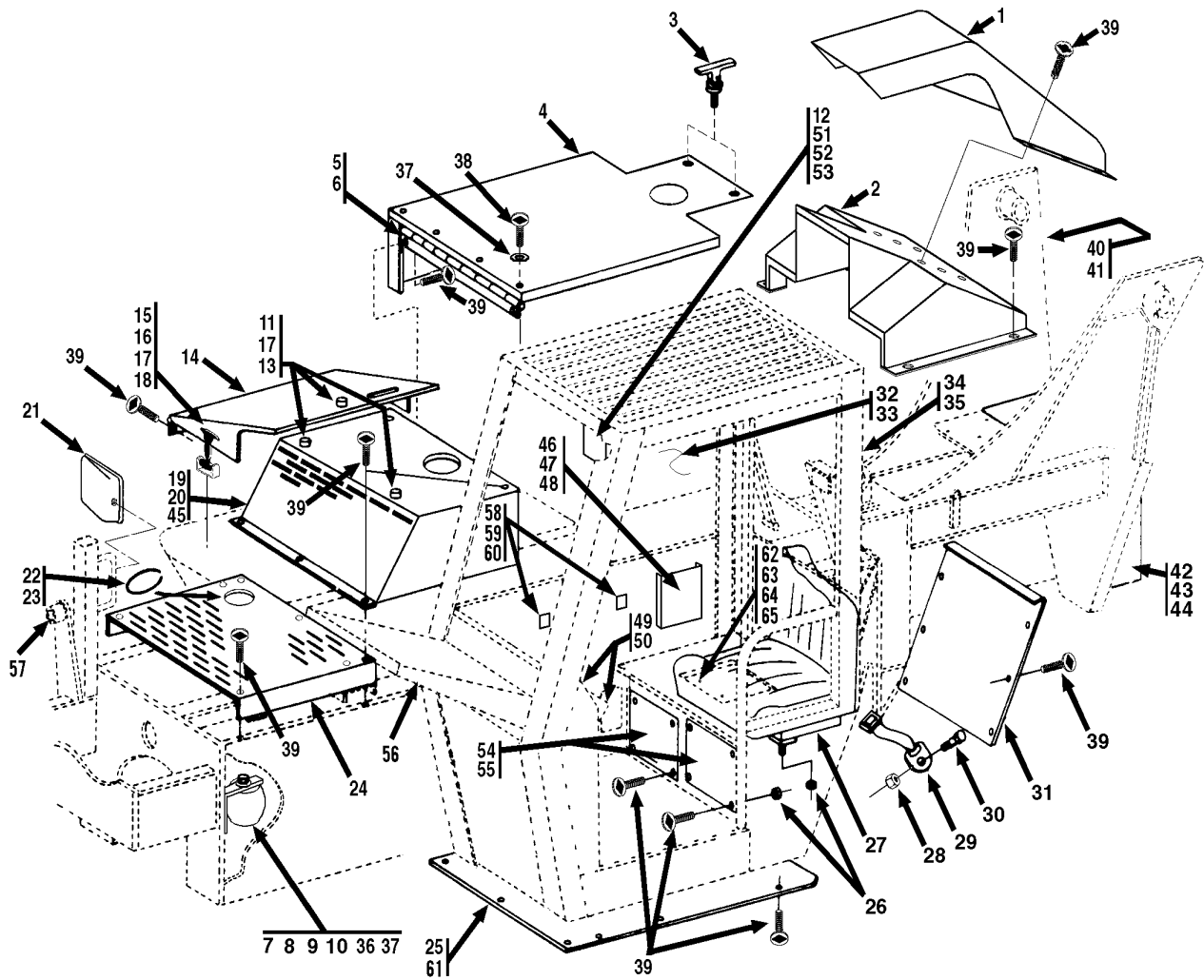
Frame Shrouding & Trim

534C-9 Starting Serial No. 0344001

534C-10 Starting Serial No. 0266001

Original Issue 1-95

Revised 3-11-97



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-6001	Ref	FRAME WELDMENT (534C-9)	33	9108-3161	1	WEATHER STRIPPING
	9115-6001	Ref	FRAME WELDMENT (534C-10)	34		Ref	REAR WINDOW (see page 2-4 for details)
	9114-6012	Ref	CAB WELDMENT				
1	9114-6048	1	REAR COVER CENTER	35	9108-3159	1	WEATHER STRIPPING
2	9114-6050	1	REAR COVER WELDMENT	36	8855-1010	1	LOCKWASHER, 5/16
3	9130-3021	2	T-HANDLE	37	8856-1003	5	FLAT WASHER, 5/16
4	9114-6049	1	REAR ENGINE COVER	38	9112-3124	4	WHIZ-LOC SCREW, 5/16-18X1/2
5	9114-1218	1	HINGE	39	7714-3003	37	WHIZ-LOC SCREW, 5/16-18X5/8
6	9114-1254	1	FLAT BAR	40	9123-3012	1	BACKUP ALARM
7	2492-1393	1	HORN	41	8821-2224	2	SOCKET HD CAPSCREW, 5/16-18X5/8
8	2492-1394	1	HORN BRACKET				
9	2492-1395	1	NUT	42	9114-0001	1	COUNTERWEIGHT
10	8820-1017	1	HEX HD CAPSCREW, 5/16-18X5/8, GR5	43	8820-1142	4	HEX HD CAPSCREW, 1-8 x 4-1/2, (hand torque to 545-595 ft.lb.) GR5
11	9108-3173	5	RUBBER HD. SCREW BUMPER	44	8856-1011	4	WASHER, 1"
12	9103-3320	1	TILT GAGE	45	9020-0755	24"	WEATHER STRIPPING
13	8850-1612	5	HEX NUT, #10-24	46	9103-3102	1	MANUAL HOLDER
14	9114-6060	1	TANK COVER WELDMENT	47	8832-1030	4	SELF TAPPING SCREW
15	9020-7458	2	DRAW LATCH	48	8855-4900	4	INTERNAL TOOTH WASHER
16	8830-1193	8	RD.HD.MACHINE SCREW, #10-32X1/2	49	9114-3150	1	SERIAL NUMBER & ATTACH PLATE
17	8855-1007	13	LOCK WASHER, #10	50	8834-1022	4	DRIVE SCREW
18	8850-1613	4	HEX NUT, #10-32	51	8820-4912	1	HEX HD CAPSCREW, 1/4-20 x 1, GR5
19	9114-6038	1	FRONT ENGINE COVER				
20	9114-3148	1	RUBBER AIR DAM	52	8856-1107	1	FLAT WASHER
21	8368-3291	1	MIRROR	53	8852-1204	1	LOCK NUT, 1/4-20
22	9020-6194	48"	TRIM-LOK	54	9108-1475	1	HEATER COVER PLATE
23	1440-2248	AR	ADHESIVE	55	9114-1329	1	VALVE ACCESS COVER
24	9114-1211	1	DECK COVER (534C-9)	56	9114-1048	1	FENDER
	9114-1217	1	DECK COVER (534C-10)	57	9114-3051	1	BUSHING
25	9108-1709	1	BELLY PAN	*58	9114-6071	1	COVER WELDMENT
26	7714-3006	8	WHIZ-LOC NUT, 5/16-18	*59	9114-6072	1	COVER WELDMENT (route dipstick through cab wall)
27	9103-3485	1	SEAT W/ARMREST (STD)				
	9112-4107	1	SLIDE ADJ. KIT (use with std. seat)	*60	8820-1001	4	HEX HD CAPSCREW, 1/4-20X1/2, GR5
	9104-3237	1	GRAMMER SEAT (OPTIONAL)				
28	8850-1007	2	HEX NUT, 7/16-14	*61	9108-3533	10	FENDER WASHER
29	9103-3029	1	SEAT BELT (not used with optional seat)	*62	8850-1008	2	HEX NUT, 1/2 (items 62 through 65 are used on seat mount plate)
30	8820-1050	2	HEX HD CAPSCREW, 7/16-14X1, GR5	*63	8855-1013	1	LOCKWASHER, 1/2
31	9114-1198	1	REAR CAB COVER	*64	8856-1111	2	WASHER, 1/2
32		Ref	RIGHT SIDE WINDOW (see page 2-4 for details)	*65	8820-1067	1	HEX HD CAPSCREW, 1/2-13X1-1/2, GR5

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CHASSIS & ATTACHING PARTS

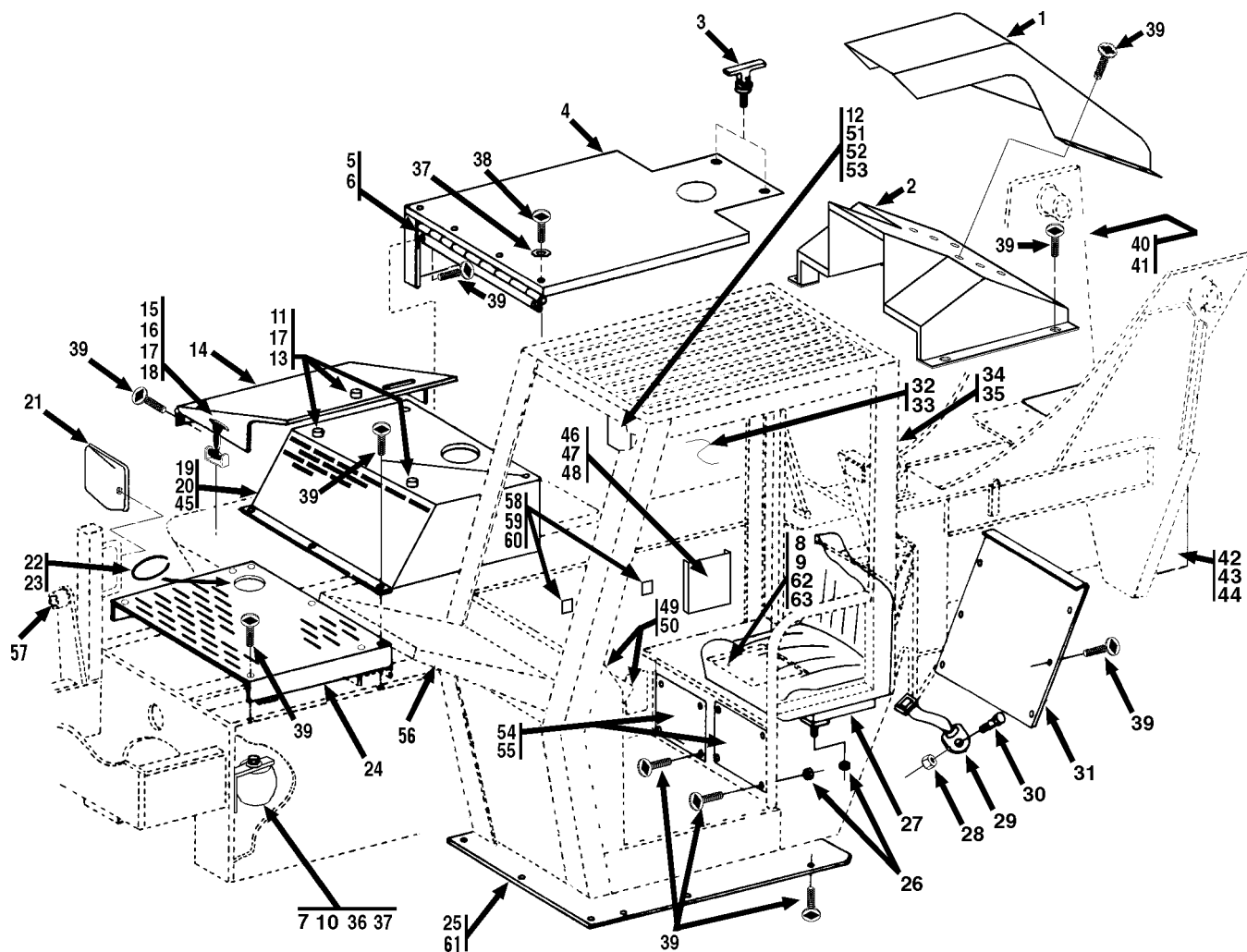
Frame Shrouding & Trim

534C-9 Starting Serial No. 0444003

* 534C-10 Starting Serial No. 0266107

Original Issue 8-97

Revised 11-26-97



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-6001	Ref	FRAME WELDMENT, (534C-9)	31	9114-1198	1	REAR CAB COVER
	9115-6001	Ref	FRAME WELDMENT, (534C-10)	32		Ref	RIGHT SIDE WINDOW, (see page 2-4 for details)
	9114-6012	Ref	CAB WELDMENT	33	9108-3161	1	WEATHER STRIPPING
1	9136-6002	1	REAR COVER CENTER	34		Ref	REAR WINDOW, (see page 2-4 for details)
2	9114-6050	1	REAR COVER WELDMENT	35	9108-3159	1	WEATHER STRIPPING
3	9130-3021	2	T-HANDLE	36	8855-1010	1	LOCKWASHER, 5/16
4	9136-6005	1	REAR ENGINE COVER	37	8856-1003	5	FLAT WASHER, 5/16
5	9114-1218	1	HINGE	38	9112-3124	4	WHIZ-LOC SCREW, 5/16-18X1/2
6	9114-1254	1	FLAT BAR	39	7714-3003	37	WHIZ-LOC SCREW, 5/16-18X5/8
7	9114-3357	1	HORN	40	9123-3012	1	BACKUP ALARM
8	8856-1111	2	WASHER, 1/2	41	8821-2224	2	SOCKET HDCAPSCREW, 5/16-18X5/8
9	8820-1067	1	HEX HD CAPSCREW, 1/2-13X1-1/2, GR5	42	9114-0001	1	COUNTERWEIGHT
10	8820-1017	1	HEX HD CAPSCREW, 5/16-18X5/8, GR5	43	8820-1142	4	HEX HD CAPSCREW, 1-8 x 4-1/2, (hand torque to 545-595 ft.lb.), GR5
11	9108-3173	5	RUBBER HD. SCREW BUMPER	44	8856-1011	4	WASHER, 1"
12	9103-3320	1	TILT GAGE	45	9020-0755	24"	WEATHER STRIPPING
13	8850-1612	5	HEX NUT, #10-24	46	9103-3102	1	MANUAL HOLDER
14	9136-6004	1	TANK COVER WELDMENT	47	8832-1030	4	SELF TAPPING SCREW
15	9020-7458	2	DRAW LATCH	48	8855-4900	4	INTERNAL TOOTH WASHER
16	8830-1193	8	ROUND HD MACHINESCREW, #10-32X1/2	49	9114-3306	1	SERIAL NUMBER & ATTACH PLATE
17	8855-1007	13	LOCK WASHER, #10	50	8834-1022	4	DRIVE SCREW
18	8850-1613	4	HEX NUT, #10-32	51	8820-4912	1	HEX HD CAPSCREW, 1/4-20X1, GR5
19	9114-6109	1	FRONT ENGINE COVER	52	8856-1107	1	FLAT WASHER
20	9114-3148	1	RUBBER AIR DAM	53	8852-1204	1	LOCK NUT, 1/4-20
21	8368-3291	1	MIRROR	54	9108-1475	1	HEATER COVER PLATE
22	9020-6194	48"	TRIM-LOK	55	9114-1329	1	VALVE ACCESS COVER
23	1440-2248	AR	ADHESIVE	56	9114-1048	1	FENDER
24	9114-1211	1	DECK COVER, (534C-9)	57	9114-3051	1	BUSHING
	9114-1217	1	DECK COVER, (534C-10)	58	9114-6071	1	COVER WELDMENT
25	9108-1709	1	BELLY PAN	59	9114-6072	1	COVER WELDMENT, (route dipstick through cab wall)
26	7714-3006	8	WHIZ-LOC NUT, 5/16-18	60	8820-1001	4	HEX HD CAPSCREW, 1/4-20X1/2, GR5
27	9103-3485	1	SEAT W/ARMREST, (STD)	61	9108-3533	10	FENDER WASHER
	9112-4107	1	SLIDE ADJ. KIT, (use with std. seat)	62	8850-1008	2	HEX NUT, 1/2, (items 8, 9, 62, and 63 are used on seat mount plate)
	9104-3237	1	GRAMMER SEAT, (OPTIONAL)	63	8855-1013	1	LOCKWASHER, 1/2
28	8850-1007	2	HEX NUT, 7/16-14				
29	9103-3029	1	SEAT BELT, (not used with optional seat)				
30	8820-1050	2	HEX HD CAPSCREW, 7/16-14X1, GR5				

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MATERIAL HANDLER
534C-9/534C-10

CHASSIS & ATTACHING PARTS

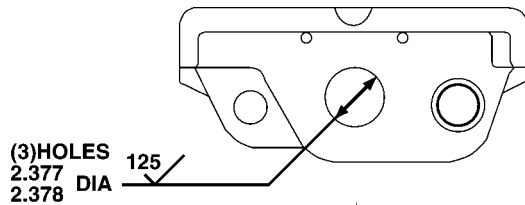
Rear Axle & Attaching Parts

Starting Serial No. 0344001

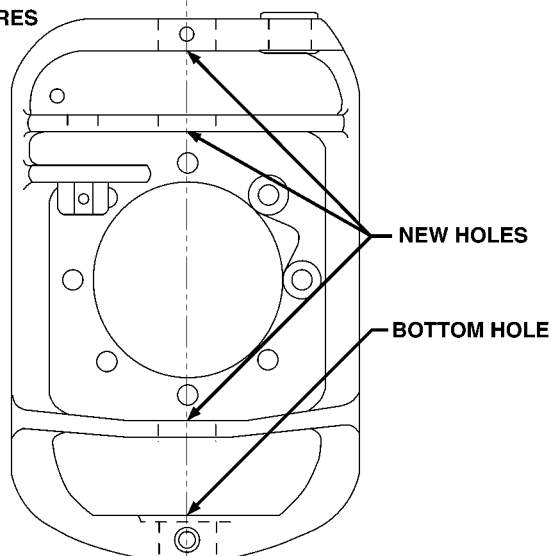
Starting Serial No. 0266001

Original Issue 9-94

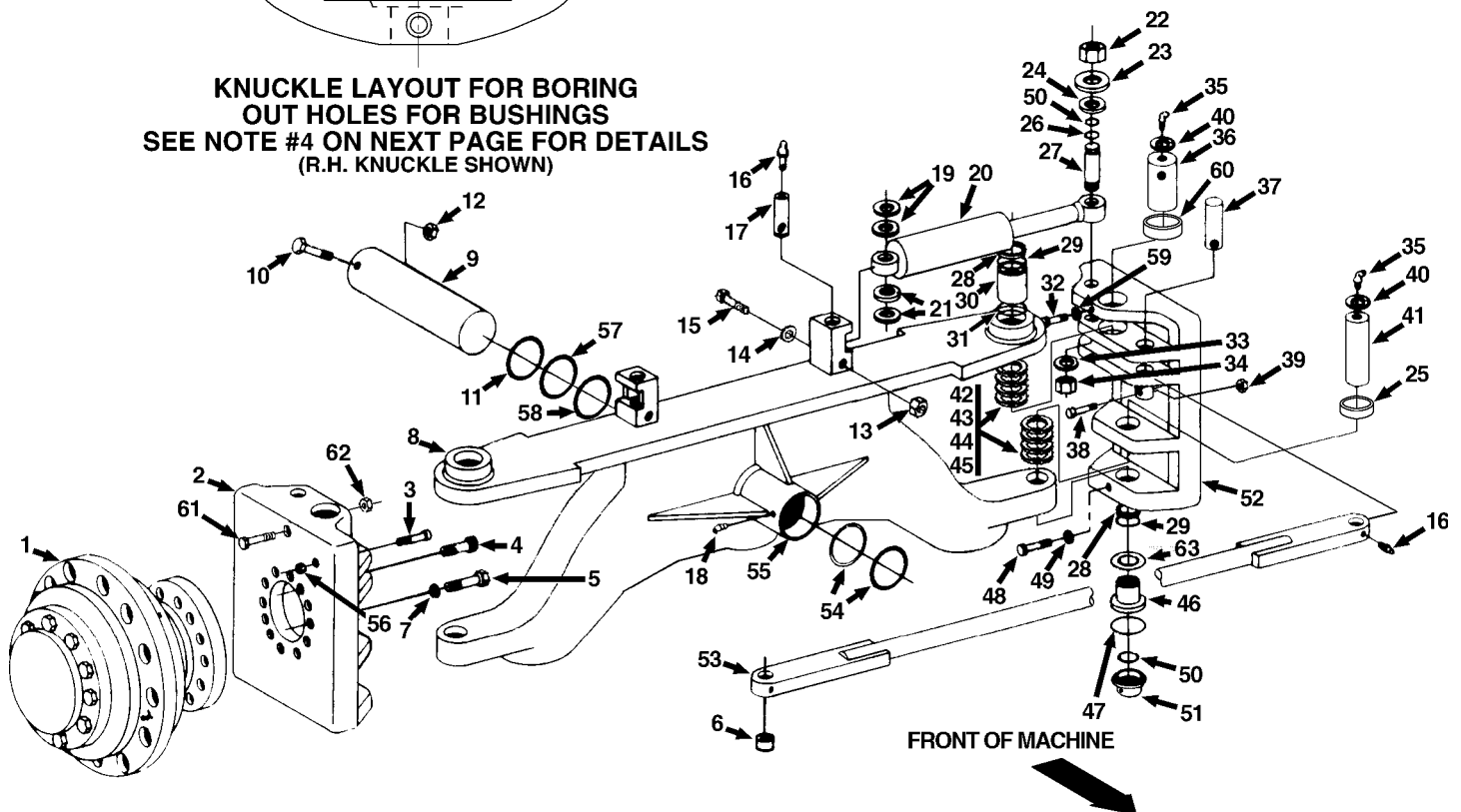
Revised 3-1-99



LOCATE NEW BORES
THRU BOTTOM
HOLE.
NEW BORES
MUST BE
IN LINE WITH
EXISTING
BOTTOM BORE.
HOLES MUST
ACCEPT A 2.375
DIA. SHAFT
THRU ALL
4 HOLES.

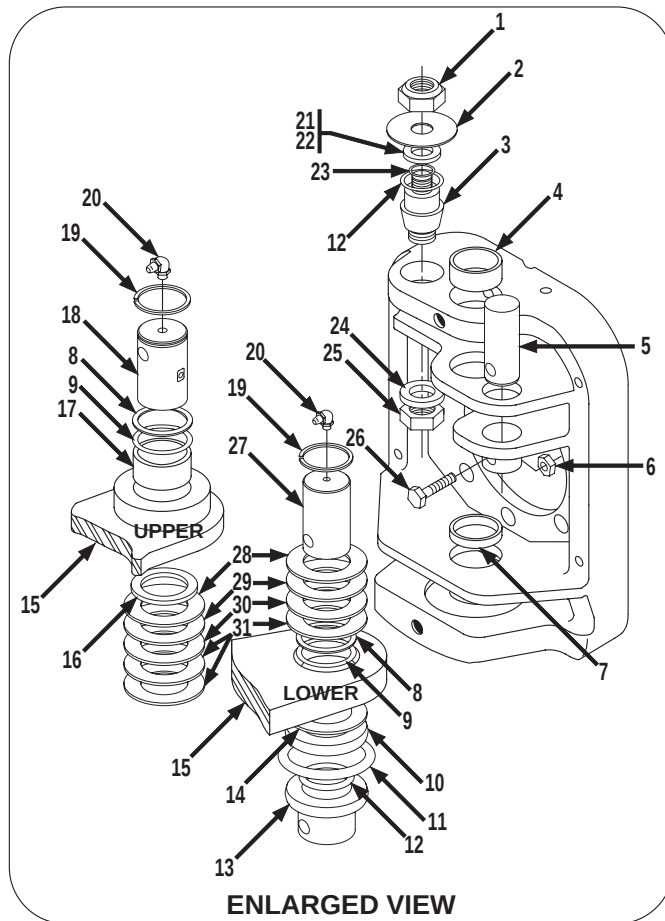


**KNUCKLE LAYOUT FOR BORING
OUT HOLES FOR BUSHINGS**
SEE NOTE #4 ON NEXT PAGE FOR DETAILS
(R.H. KNUCKLE SHOWN)



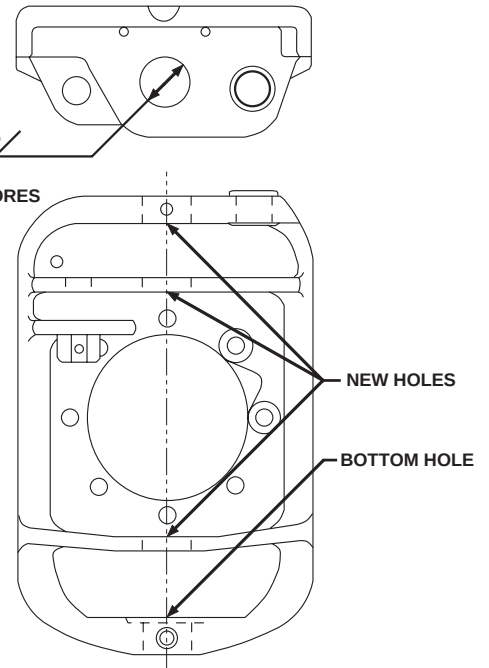
- * **NOTE #1:** Cylinder base end must be free to rotate. Shim steer cylinder base end as required to maintain a total max. gap of 1/16".
- * **NOTE #2:** Shim bottom knuckles as required to maintain no more than 1/32" movement. Shim top knuckles as required to maintain no more than 1/16" gap. Must have a minimum of one shim.
- * **NOTE #3:** See option section for details on the Rear Axle Rework Kit and the Rear Axle Advantage Kit.
- * **NOTE #4:** All machines need to bore Steering Knuckles to use items 25 & 60. See diagram on previous page. Unless you have purchased new Steering Knuckles part number, 9112-0003 & 9112-0004.
- * **NOTE #5:** You may have to use item 32 & 59 in place of items 61 & 62, unless you have purchased new Steering Knuckles part number, 9112-0003 & 9112-0004. See engineering print that comes with the Steering Knuckle Kit for details.

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
*	9103-5240	1	STEERING KNUCKLE KIT, (includes items 23 thru 26, 28 thru 32, 35, 36, 40 thru 51, 60 & 61 one kit does both sides)	27	9104-1481	2	STEERING CYLINDER PIN
*	9104-5152	AR	STEERING CYLINDER PIN KIT, (includes one each of items 22 thru 27, 33, & 34, one kit needed for each side)	28	9112-3030	4	BACK-UP RING
1		Ref	DRIVE HUB, (see page 6-8 for details)	29	8859-1032	4	O-RING
* 2	9112-0004	1	R.H. STEERING KNUCKLE, (see note #4)	30	9112-3028	2	BUSHING
3	8821-2321	2	SLOT HD CAPSCREW, 5/8-11X3-3/4, GR8	31	8692-1268	2	LIP SEAL
* 4	9104-3222	4	CAPSCREW 12PT, 3/4-10X2, (torque to 270-290 ft.lbs.)	*32	8821-1117	2	SOCKET HD CAPSCREW, 5/8-11X3-3/4, (see note #5)
5	8320-1006	12	HEX HD CAPSCREW, 5/8-10X2	33	9104-1459	2	WASHER
6	9104-3247	2	SELF-ALIGNING BUSHING	*34	8850-1416	2	HEX JAM NUT, 1-14, (torque to 225-250 ft. lbs.)
7	8668-1572	12	HARDENED WASHER, 3/4	35	8867-1022	4	LUBE FITTING, 30 DEGREES, 1/8
8	9114-6009	1	REAR AXLE WELDMENT, (includes items 30, 46, & 55)	36	9108-1693	2	UPPER KING PIN
9	9108-1177	1	REAR AXLE MOUNTING PIN	37	9104-1439	2	TIE ROD PIN
10	9002-0247	1	HEX HD CAPSCREW, 1-1/4-7X6	38	8320-1140	2	HEX HD CAPSCREW, 3/8-16X2-3/4, GR8
11	9103-1009	1	SHIM, (1/4 thick)	39	8852-1306	2	LOCK NUT, 3/8-16
12	8510-1098	1	HEX NUT, 1-1/4-7	40	8858-1323	4	RETAINING RING
13	8850-1006	2	HEX NUT, 3/8-16	41	9114-1424	2	LOWER KING PIN
14	8855-1011	2	LOCK WASHER, 3/8	42	9104-1596	4	SHIM, (20 gauge, see note #2)
15	8320-1144	2	HEX HD CAPSCREW, 3/8-16X5-3/4, GR5	43	9104-1449	4	SHIM, (.060 thick, see note #2)
16	8867-1001	4	LUBE FITTING, STRAIGHT, 1/8	44	9104-1450	4	SHIM, (.0478 thick, see note #2)
17	9108-1695	2	STEERING CYLINDER PIVOT PIN	45	9104-1451	6	SHIM, (.106 thick, see note #2)
18	8867-1033	4	LUBE FITTING, STRAIGHT, 1/4-28	46	9112-3027	2	BUSHING
19	9104-1598	2	SHIM, (.060 thick, see note #1)	47	9112-3029	2	O-RING
20		Ref	STEERING CYLINDER ASSY, (see page 10-6 for details)	48	8821-2321	2	SLOT HD CAPSCREW, 5/8-11X3-3/4, GR8
21	9020-1918	2	SHIM, (10 gauge, see note #1)	49	8855-1153	2	LOCK WASHER, 5/8
*22	8852-1312	2	HEX LOCK NUT, 3/4-10, (torque to 160-175 ft. lbs.)	*50	8859-1104	4	O-RING
23	9108-1415	2	DIRT SHIELD	51	9112-1091	2	THRUST BUSHING
24	9104-1438	2	SPACER, (3/16 thick)	*52	9112-0003	1	L.H. STEERING KNUCKLE, (see note #4)
	9104-1732	2	SPACER, (3/16 thick)	53	9116-6063	1	TIE ROD, (includes item 6)
*25	9112-1240	4	BUSHING, (see note #4)	54	2460-1570	2	LIP SEAL
26	8859-1019	2	O-RING	55	9112-3031	2	BUSHING
				56	8850-1110	2	HEX NUT, 5/8-11
				57	9108-1691	1	SHIM, (.1046 thick)
				58	9020-6846	1	SHIM, (.1345 thick)
				*59	8855-1109	2	LOCK WASHER, 1/2, (see note #5)
				*60	9112-1239	2	BUSHING, (see note #4)
				*61	8821-1121	2	SOCKET HD CAPSCREW, 5/8-11X3-3/4, GR8, (see note #5)
				*62	8852-1208	2	HEX LOCKNUT, 1/2-13, (see note #5)

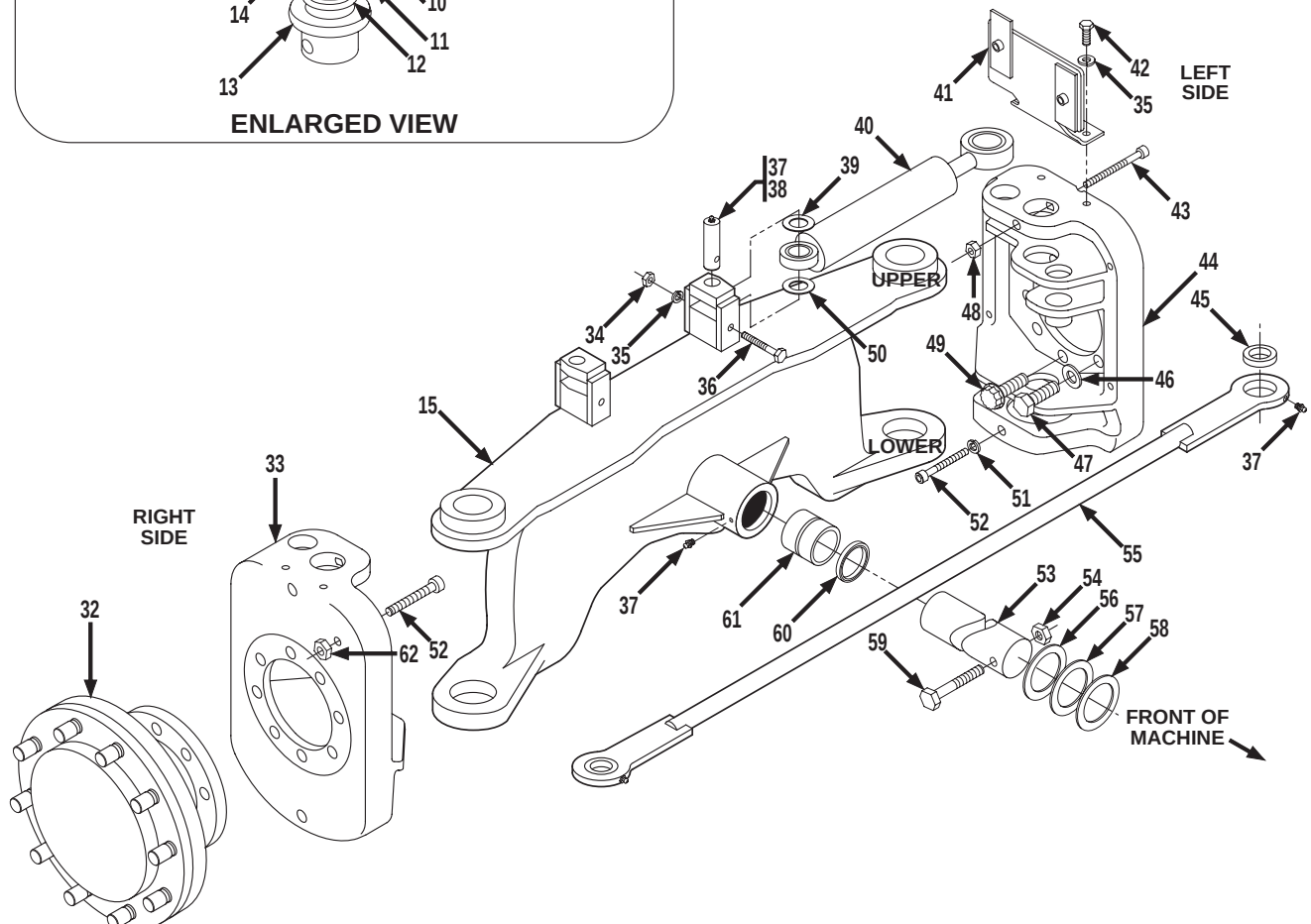


(3)HOLES
 2.377 DIA
 2.378

LOCATE NEW BORES
 THRU BOTTOM
 HOLE.
 NEW BORES
 MUST BE
 IN LINE WITH
 EXISTING
 BOTTOM BORE.
 HOLES MUST
 ACCEPT A 2.375
 DIA. SHAFT
 THRU ALL
 4 HOLES.



**KNUCKLE LAYOUT FOR BORING
 OUT HOLES FOR BUSHINGS**
 SEE NOTE #3 ON NEXT PAGE FOR DETAILS
 (R.H. KNUCKLE SHOWN)



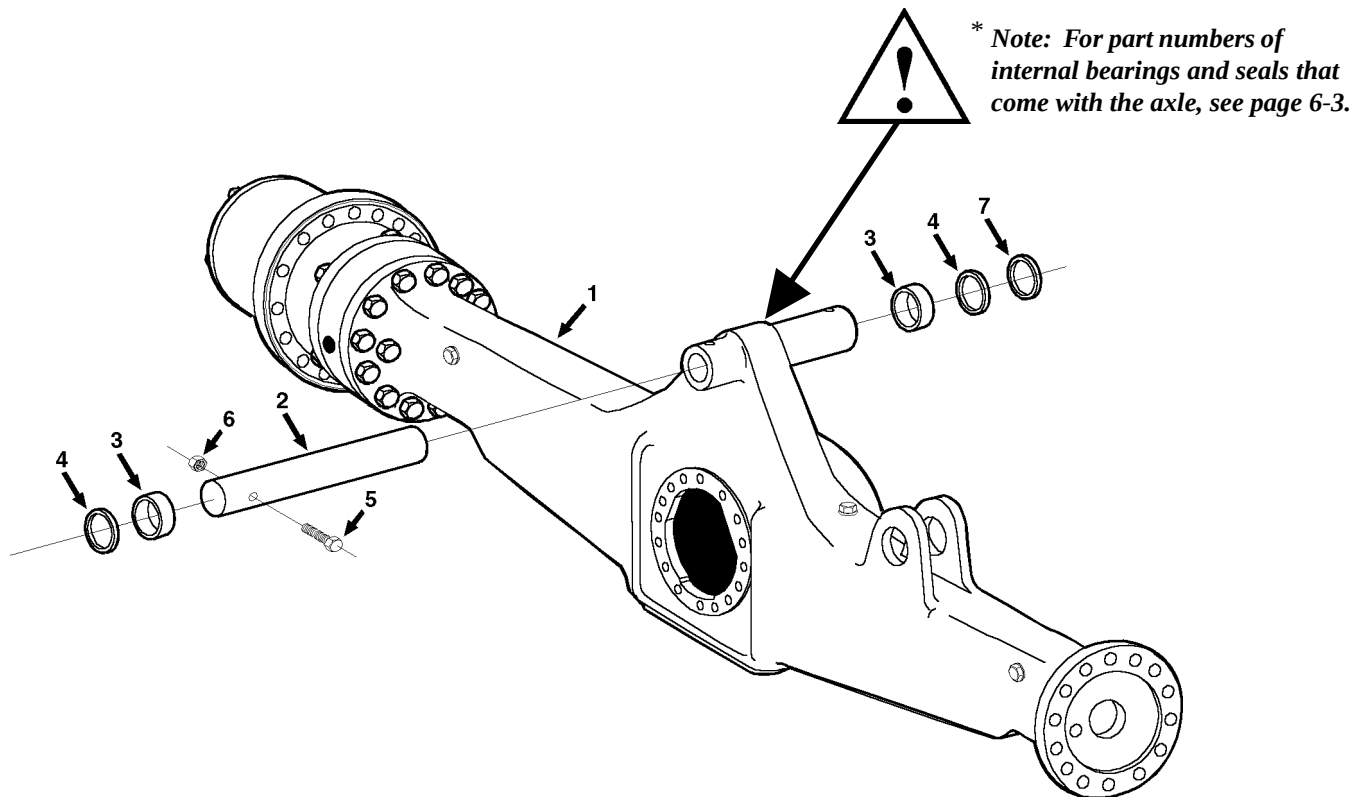
NOTE #1: Cylinder base end must be free to rotate. Shim steer cylinder base end as required to maintain a total max. gap of 1/16".

NOTE #2: Shim bottom knuckles as required to maintain no more than 1/32" movement. Shim top knuckles as required to maintain no more than 1/16" gap. Must have a minimum of one shim.

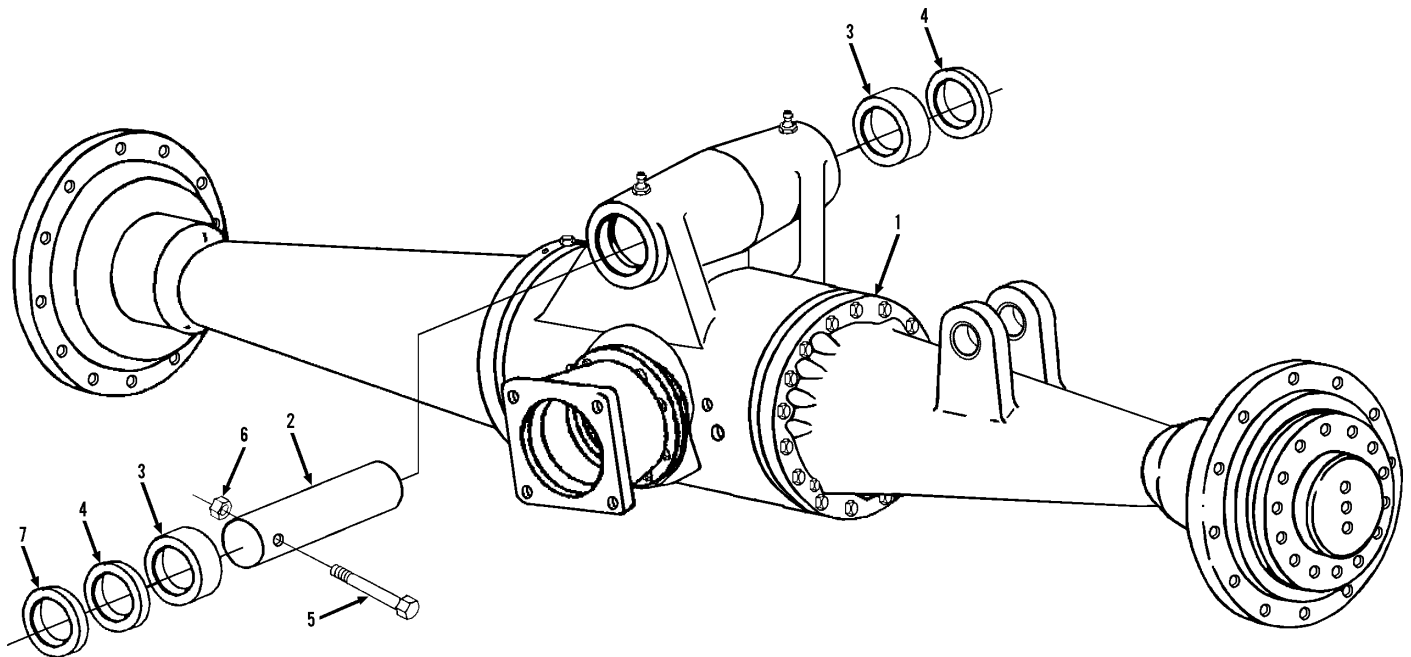
NOTE #3: All machines need to bore Steering Knuckles to use items 4 & 7. See diagram on previous page. unless you have purchased new Steering Knuckles part number, 9112-0003 & 9112-0004.

NOTE #4: See option section for details on the Rear Axle Rework Kit and the Rear Axle Advantage Kit.

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9103-5240	1	STEERING KNUCKLE KIT, (includes items 2, 4, 7 thru 14; 16 thru 23; 27 thru 31, 43, 48, 51, & two of item 52, one kit does both sides)	32		Ref	DRIVE HUB, (see page 6-8 for details)
	9104-5152	AR	STEERING CYLINDER PIN KIT, (includes one each of items 1, 2, 3, 12, 21 thru 25, one kit needed for each side)	33	9112-0004	1	R.H. STEERING KNUCKLE, (see note #3)
1	8852-1312	2	HEX LOCK NUT, 3/4-10, (torque to 160-175 ft. lbs.)	34	8850-1006	2	HEX NUT, 3/8-16
2	9108-1415	2	DIRT SHIELD	35	8855-1011	6	LOCK WASHER, 3/8
3	9104-1481	2	STEERING CYLINDER PIN	36	8320-1144	2	HEX HD CAPSCREW, 3/8-16X5-3/4, GR8
4	9112-1239	2	BUSHING	37	8867-1001	6	LUBE FITTING, STRAIGHT, 1/8
5	9104-1439	2	TIE ROD PIN	38	9108-1695	2	STEERING CYLINDER PIVOT PIN
6	8852-1306	2	LOCK NUT, 3/8-16	39	9104-1598	AR	SHIM, (.060 thick, see note #1)
7	9112-1240	4	BUSHING	40		Ref	STEERING CYLINDER ASSY, (see page 10-6 for details)
8	9112-3030	4	BACK-UP RING	41	9116-6056	1	L.H. TUBE SUPPORT
9	8859-1032	4	O-RING		9116-6055	1	R.H. TUBE SUPPORT
10	9112-3027	2	BUSHING	42	8820-1035	4	HEX HD CAPSCREW, 3/8-16X1, GR5
11	9112-3029	2	O-RING	43	8821-1121	2	SOCKET HD CAPSCREW, 1/2-13X6-1/2, GR8
12	8859-1104	4	O-RING	44	9112-0003	1	L.H. STEERING KNUCKLE, (see note #3)
13	9112-1091	2	THRUST BUSHING	45	9104-3247	2	SELF-ALIGNING BUSHING
14	9104-1733	AR	SHIM	46	8668-1572	12	HARDENED WASHER, 3/4
15	9116-6012	1	REAR AXLE WELDMENT, (includes items 10, 17, & 61)	47	8320-1006	12	HEX HD CAPSCREW, 3/4-10X2, GR8, (torque to 270-290 ft. lbs.)
16	8692-1268	2	LIP SEAL	48	8852-1208	2	HEX LOCKNUT, 1/2-13
17	9112-3028	2	BUSHING	49	9104-3222	4	CAPSCREW 12PT, 3/410X2, GR8, (torque to 270-290 ft. lbs.)
18	9108-1693	2	UPPER KING PIN	50	9020-1918	AR	SHIM, (10 gauge, see note #1)
19	8858-1323	4	RETAINING RING	51	8855-1153	2	LOCK WASHER, 5/8
20	8867-1022	4	LUBE FITTING, 90 DEGREES, 1/8	52	8821-2321	4	SOCKET HD CAPSCREW, 5/8-11X3-3/4, GR8
21	9104-1732	2	SPACER, (3/16 thick)	53	9108-1177	1	REAR AXLE MOUNTING PIN
22	9104-1438	AR	SPACER	54	8510-1098	1	HEX NUT, 1-1/4-7
23	8859-1019	2	O-RING	55	9116-6063	1	TIE ROD, (includes item 45)
24	9104-1459	2	WASHER	56	9116-1066	AR	SHIM, (.0598 thick)
25	8850-1416	2	HEX JAM NUT, 1-14, (torque to 225-250 ft. lbs.)	57	9116-1067	AR	SHIM, (.1046 thick)
26	8320-1140	2	HEX HD CAPSCREW, 3/8-16X2-3/4, GR8	58	9116-1068	AR	SHIM, (.1345 thick)
27	9114-1424	2	LOWER KING PIN	59	9002-0247	1	HEX HD CAPSCREW, 1-1/4-7X6, GR5
28	9104-1449	AR	SHIM, (.060 thick, see note #2)	60	2460-1570	2	LIP SEAL
29	9104-1450	AR	SHIM, (.0478 thick, see note #2)	61	9112-3031	2	BUSHING
30	9104-1451	AR	SHIM, (.106 thick, see note #2)	62	8850-1110	2	HEX NUT, 5/8-11
31	9104-1596	AR	SHIM, (20 gauge, see note #2)				



Item	Part No.	Qty.	Description Of Part
1		Ref	FRONT AXLE ASSY (see page 6-1 for details)
2	9108-1176	1	FRONT SWAY PIN
3	9020-5891	2	SPACER
4	9103-1014	2	SHIM WASHER
5	8320-1031	1	HEX HD CAPSCREW, 1-8 x 5
6	8852-1016	1	HEX LOCK NUT, 1-8
7	9108-3480	1	SHIM WASHER



Item	Part No.	Qty.	Description Of Part
1		Ref	FRONT AXLE ASSY (see page 6-1 for details)
2	9108-1176	1	FRONT SWAY PIN
3	9020-5891	2	SPACER
4	9103-1014	2	SHIM WASHER
5	8320-1031	1	HEX HD CAPSCREW, 1-8 x 5
6	8852-1016	1	HEX LOCK NUT, 1-8
7	9108-3480	1	SHIM WASHER

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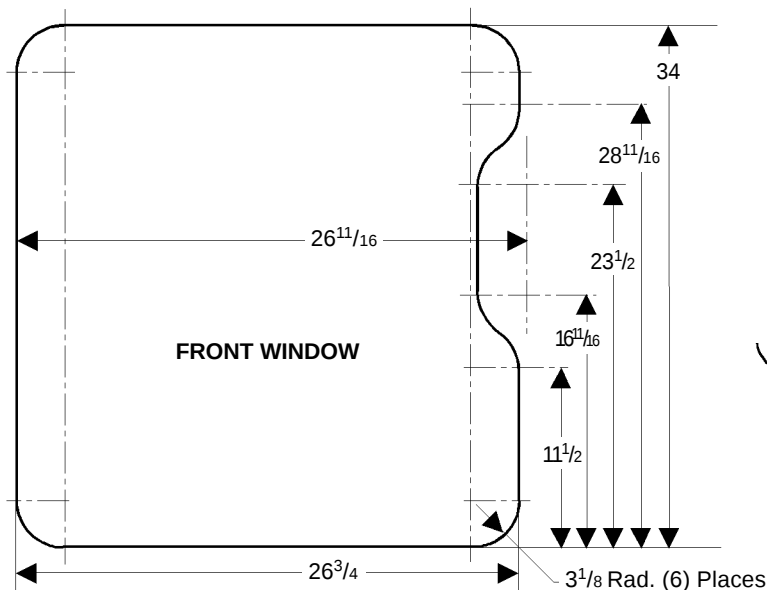
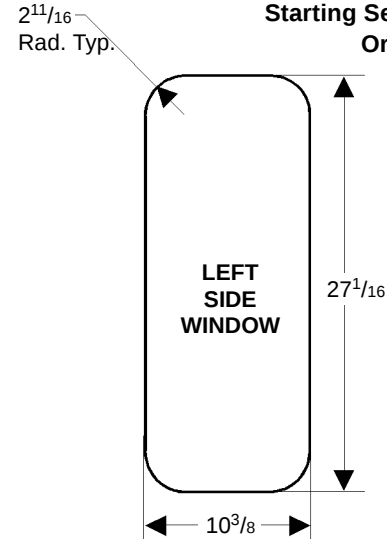
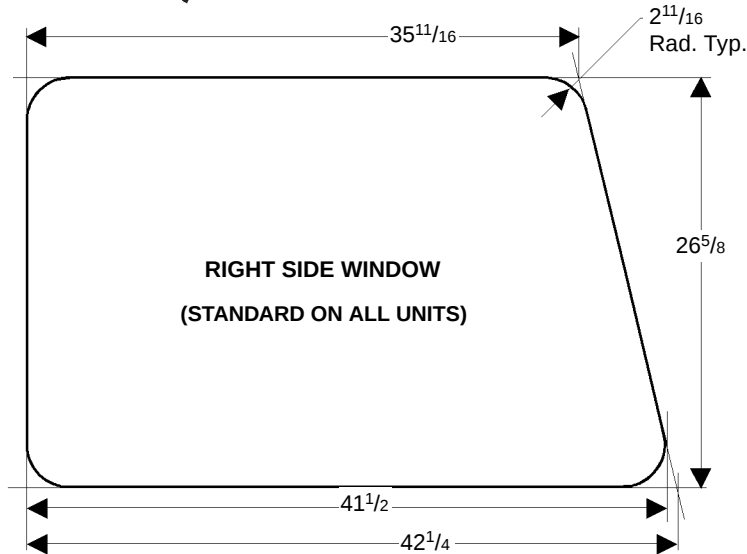
CHASSIS & ATTACHING PARTS

CAB GLASS

Starting Serial No. 0344001

Starting Serial No. 0266001

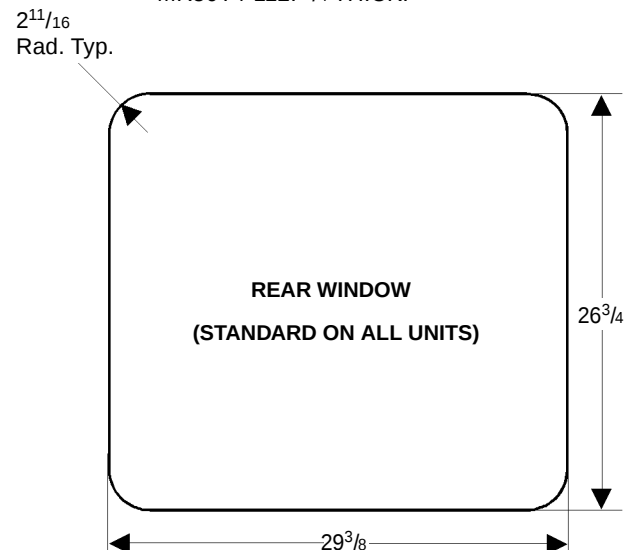
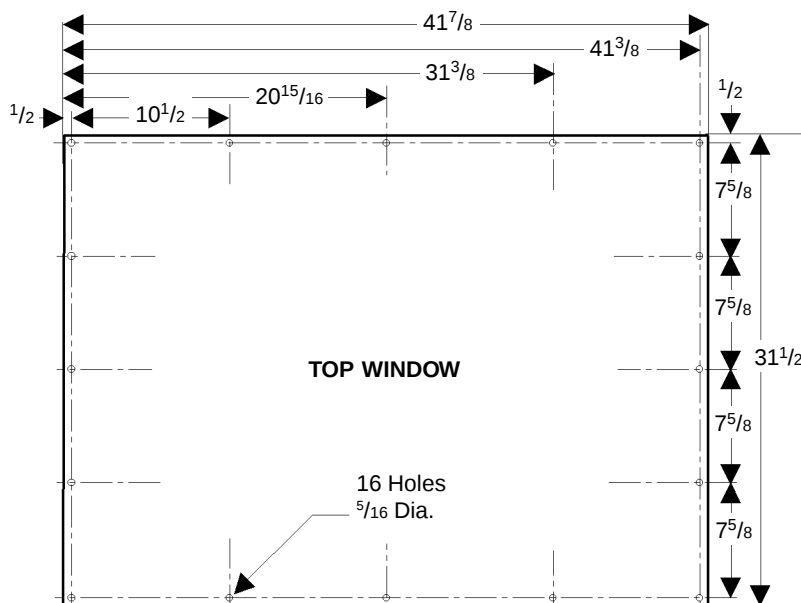
Original Issue 9-94

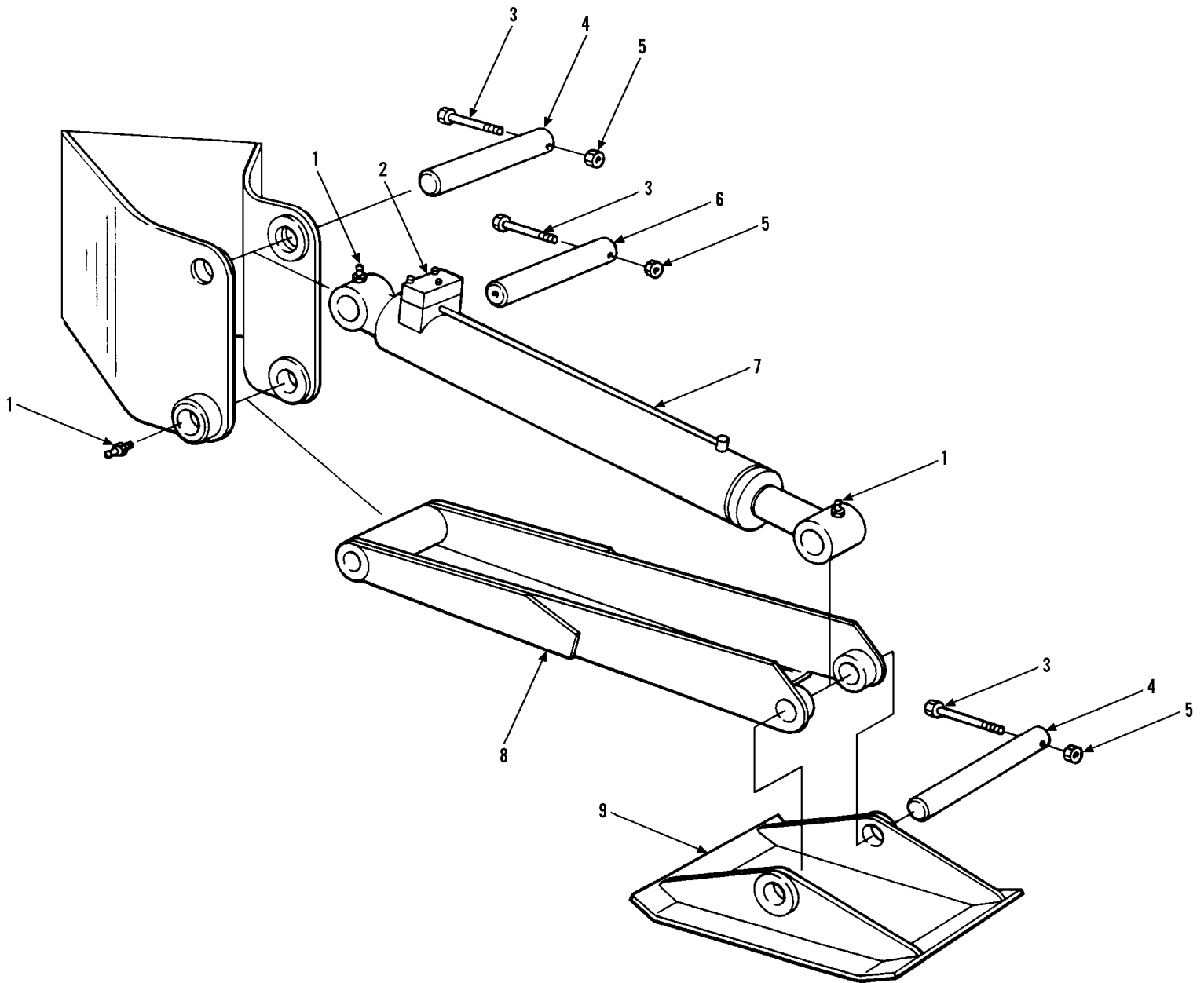


NOTE 1: CAB GLASS CAN ONLY BE SHIPPED WITH THE COMPLETE CAB ENCLOSURE OPTION. IF GLASS BREAKAGE OCCURS IN THE FIELD, IT MUST BE REPLACED LOCALLY USING THE DIMENSIONS GIVEN. WITH THE EXCEPTION OF THE SLIDING DOOR WINDOW ASSY WHICH MAY BE PURCHASED THROUGH THE PARTS DEPARTMENT.

NOTE 2: ALL LAMINATED SAFETY GLASS (EXCEPT FOR TOP WINDOW). TINTED FOR 73% LIGHT TRANSMISSION. SEAMED EDGES. 7/32 THICK.

NOTE 3: TOP WINDOW IS LEXAN MR50T4-112. 1/4 THICK.

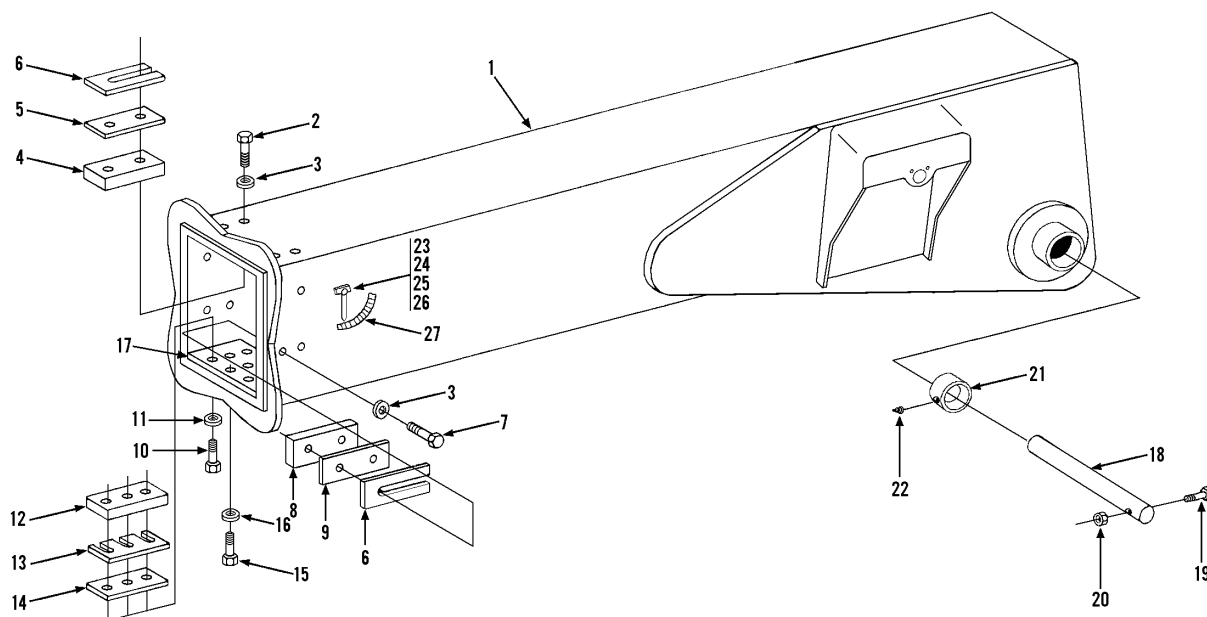




Item	Part No.	Qty.	Description Of Part
1	8867-1001	8	LUBE FITTING, STRAIGHT, 1/8
2		Ref	DUAL P.O. CHECK VALVE (see 10-12 for details)
3	8320-1073	6	HEX HD CAPSCREW, 3/8-16X4-1/2
4	9103-1141	4	SHOE PIN
5	8852-1206	6	HEX LOCKNUT, 3/8-16
6	9103-1140	2	ARM PIN
7		Ref	OUTRIGGER CYLINDER ASSY (see page 10-8 for details)
8	9103-6041	2	ARM WELDMENT
9	9103-6032	2	OUTRIGGER SHOE

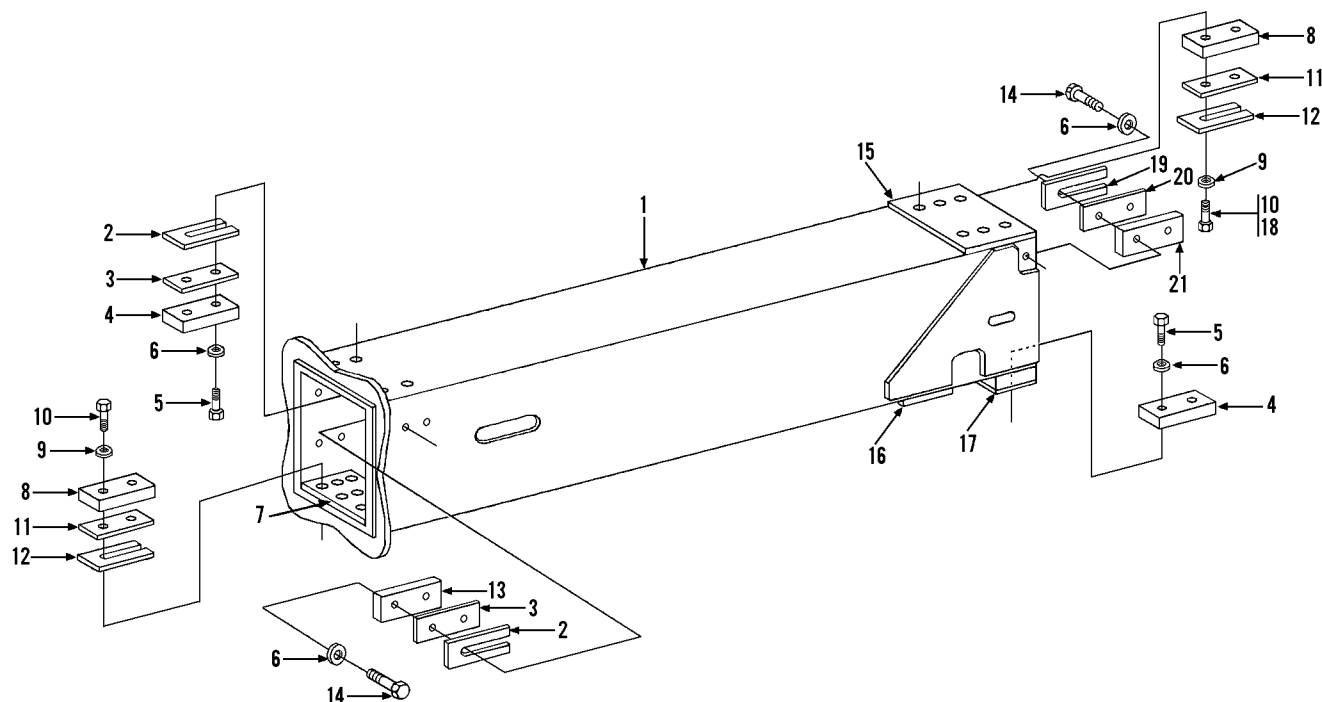
GRADALL®
MATERIAL HANDLER
534C-9/534C-10

BOOM
First Boom Section
Starting Serial No. 0344001
Starting Serial No. 0266001
Original Issue 9-94
Revised 1-9-01

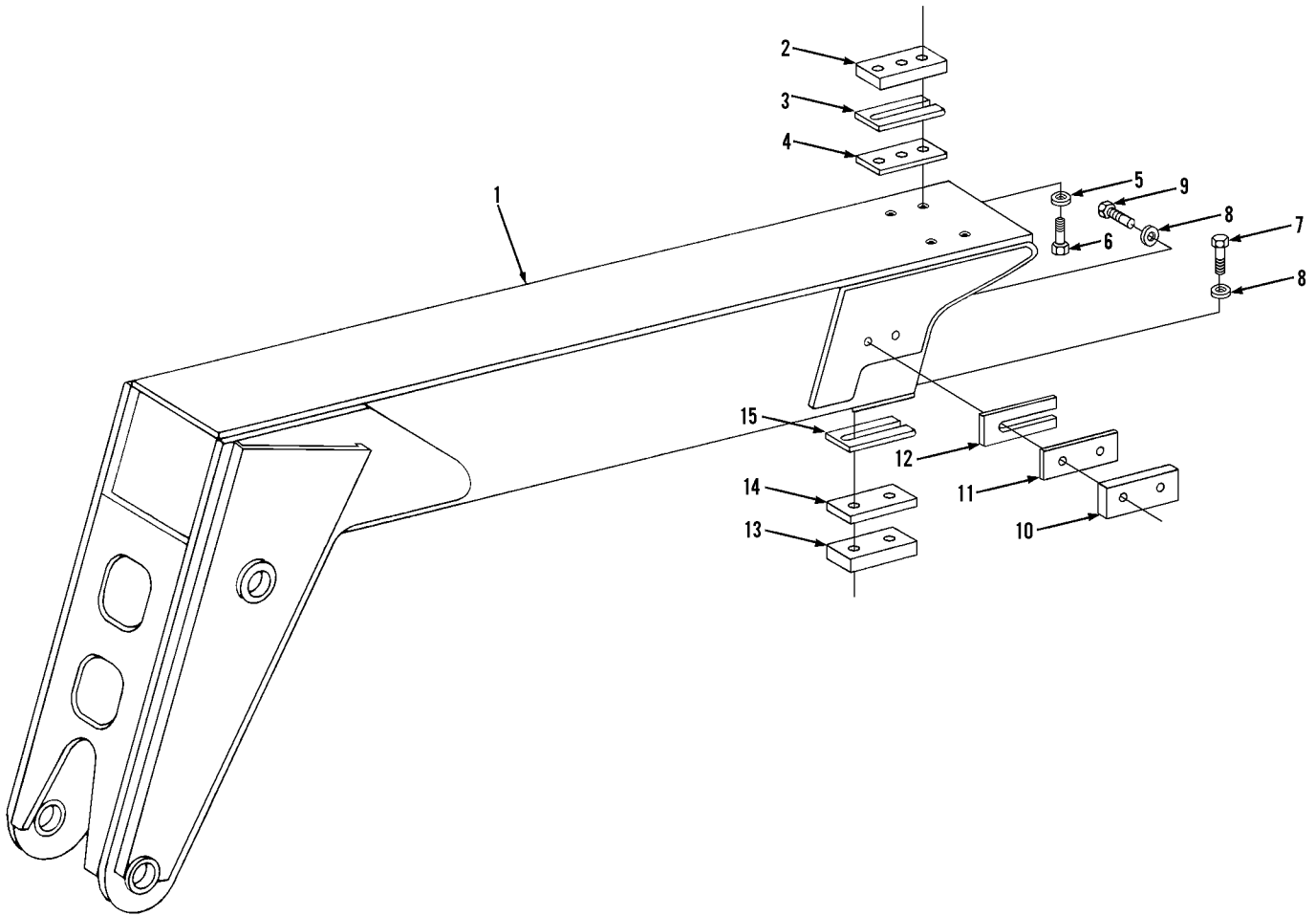


Item	Part No.	Qty.	Description Of Part
1	9114-6014	1	BOOM, FIRST SECTION
2	8820-1534	4	HEX HD CAPSCREW, 3/8-24X1, GR5 (torque to 32-37 ft.lbs.)
3	8856-1109	12	FLAT WASHER, 3/8
4	9103-3185	2	BEARING PAD
5	9103-1236	2	SPACER (.060 thick)
6	9020-5870	AR	SHIM (.060 thick)
7	8820-1532	8	HEX HD CAPSCREW, 3/8-24X3/4, GR5 (torque to 32-37 ft.lbs.)
8	9103-3186	4	BEARING PAD
9	9103-1236	4	SPACER (.060 thick)
10	8820-1607	2	HEX HD CAPSCREW, 3/4-16X1-1/4, GR5
11	9002-7471	2	HARDENED FLATWASHER, 3/4
12	9114-3168	2	BEARING PAD
13	9114-1302	2	SPACER (.0598 thick)

Item	Part No.	Qty.	Description Of Part
14	9114-1303	2	SHIM (.060 thick)
15	8820-1570	6	HEX HD CAPSCREW, 1/2-20X2-1/2, GR5 (torque to 76-86 ft.lbs.)
16	9002-7471	6	HARDENED WASHER, 1/2
* 17	9134-1029	1	BEARING PLATE
18	9114-1122	1	PIN
19	8345-1645	1	HEX HD CAPSCREW, 5/8-11X6, GR8
20	8852-1010	1	HEX NUT, 5/8-11
21	9114-1301	2	BUSHING
22	8867-1001	2	LUBE FITTING, STRAIGHT, 1/8
23	9020-0445	1	PENDULUM
24	9020-0688	1	BEARING
25	9002-6491	1	SHOULDER BOLT
26	8856-1108	1	WASHER, 5/16
27	9100-3031	1	BOOM ANGLE DECAL (white)



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9114-6015	1	BOOM, SECOND SECTION	12	9114-1302	4	SHIM (.0598 thick)
2	9112-1082	4	SHIM (.06 thick)	13	9112-3021	2	BEARING PAD
3	9112-1083	4	SPACER (.06 thick)	14	8820-1532	8	HEX HD CAPSCREW, 3/8-24X3/4, GR5 (torque to 32-37 ft.lbs.)
4	9112-3019	4	BEARING PAD	15	9114-1056	1	BEARING PLATE
5	8820-1534	8	HEX HD CAPSCREW, 3/8-24X1, GR5 (torque to 32-37 ft.lbs.)	16	9114-6018	1	RETRACTION CABLE BRACKET
6	8856-1109	16	FLAT WASHER, 3/8	* 17	9114-1057	1	BEARING PLATE
7	9114-1062	1	BEARING PLATE		9114-1058	1	BEARING BAR
8	9114-3168	4	BEARING PAD	18	8820-1565	4	HEX HD CAPSCREW, 1/2-20X1-1/4, GR5 (torque to 76-86 ft.lbs.)
9	9002-7471	6	HARDENED WASHER, 1/2	19	9020-5870	2	SHIM (.06 thick)
10	8820-1562	8	HEX HD CAPSCREW, 1/2-20X3/4, GR5 (torque to 76-86 ft.lbs.)	20	9103-1236	2	SPACER (.06 thick)
11	9114-1303	4	SPACER (.060 thick)	21	9103-3186	2	BEARING PAD

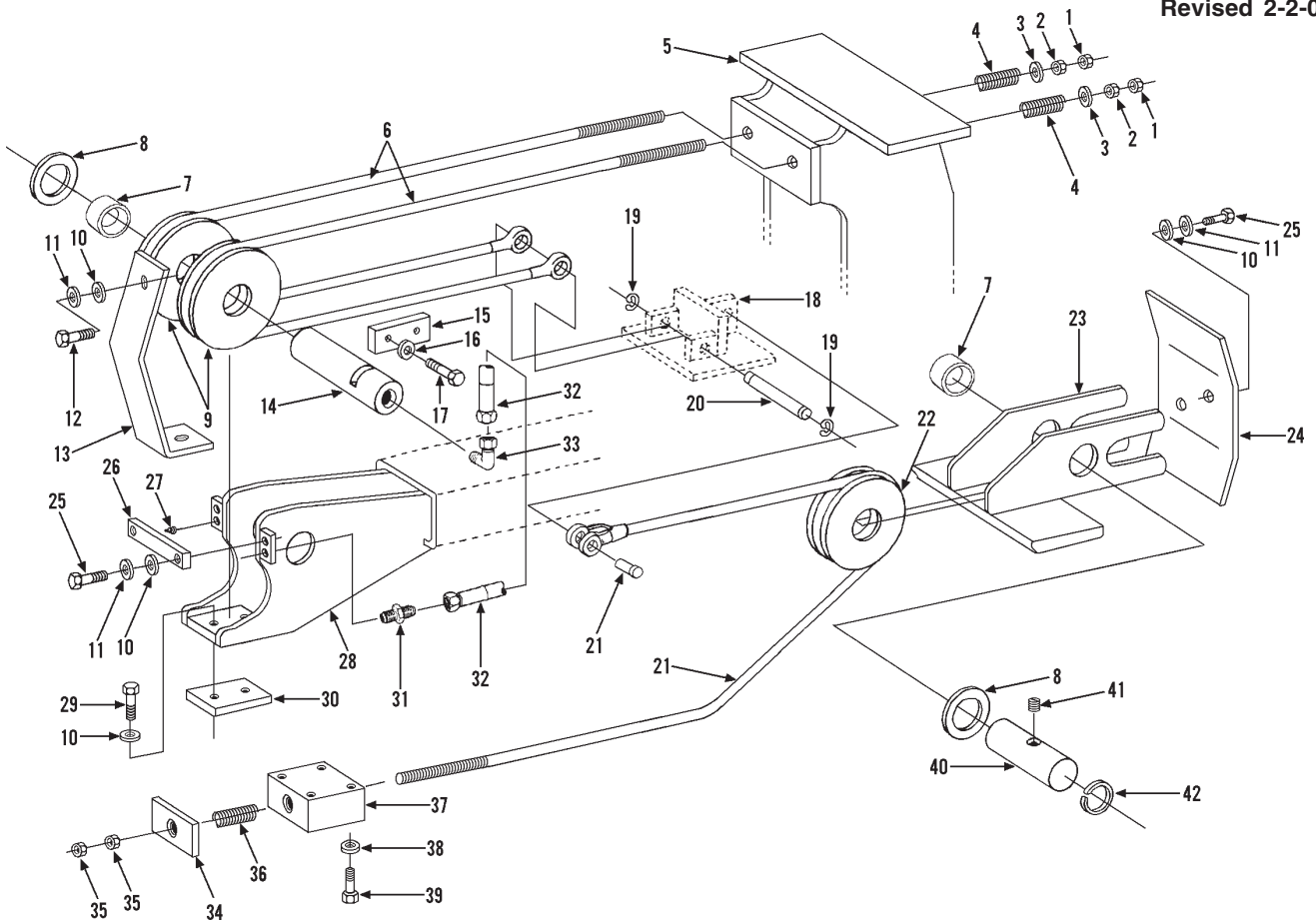


Item	Part No.	Qty.	Description Of Part
1	9114-6016	1	BOOM, THIRD SECTION
2	9114-3168	2	BEARING PAD
3	9114-1302	2	SPACER (.0598 thick)
4	9114-1303	2	SHIM (.060 thick)
5	9002-7471	6	HARDENED FLAT WASHER, 1/2
6	8820-1565	6	HEX HD CAPSCREW, 1/2-20X1-1/4, GR5 (torque to 76-86 ft.lbs.)
7	8820-1534	4	HEX HD CAPSCREW, 3/8-24X1, GR5 (torque to 32-37 ft.lbs.)

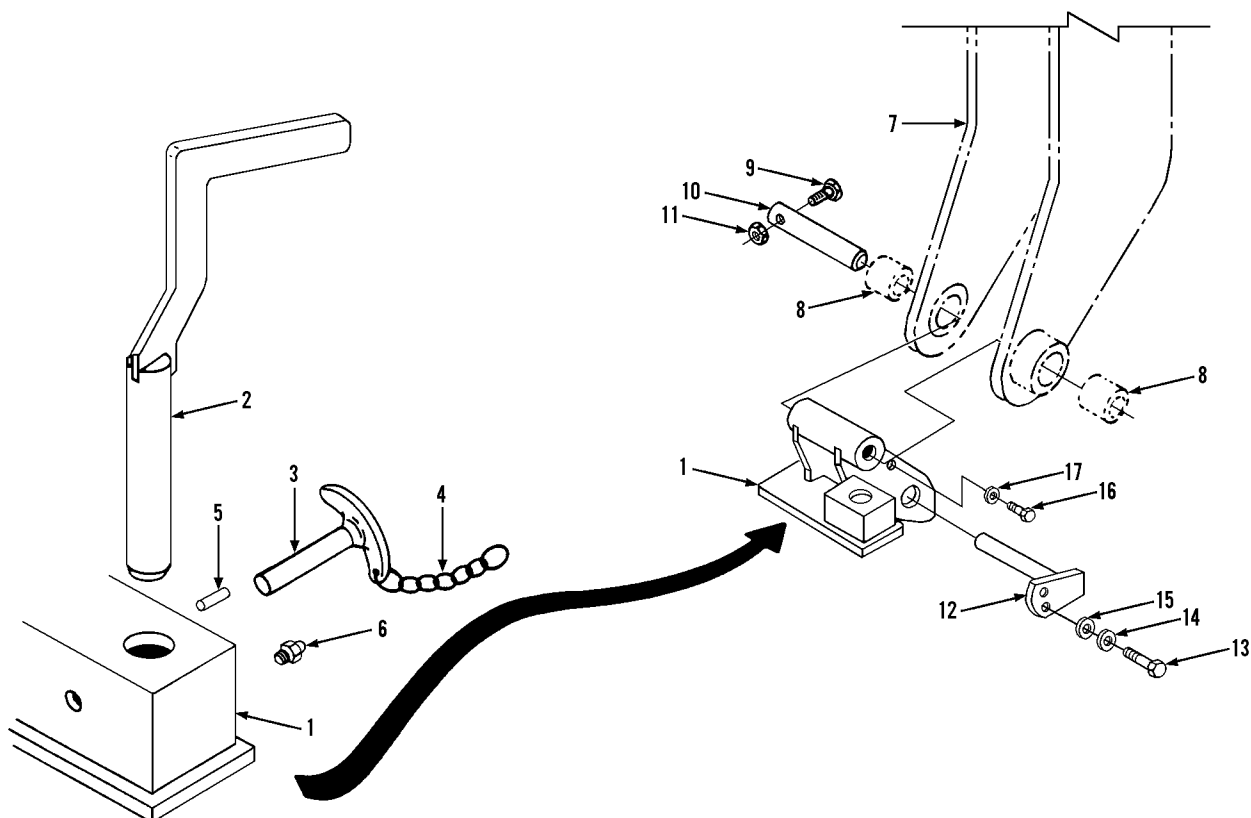
Item	Part No.	Qty.	Description Of Part
8	8856-1109	8	FLAT WASHER, 3/8
9	8820-1532	4	HEX HD CAPSCREW, 3/8-24X3/4, GR5 (torque to 32-37 ft.lbs.)
10	9103-3186	2	BEARING PAD
11	9103-1236	2	SPACER (.060 thick)
12	9020-5870	2	SHIM (.060)
13	9112-3019	2	BEARING PAD
* 14	9112-1082	2	SHIM (.06 thick)
* 15	9112-1083	2	SPACER (.06 thick)

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MATERIAL HANDLER
534C-9/534C-10

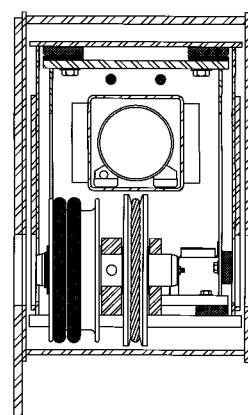
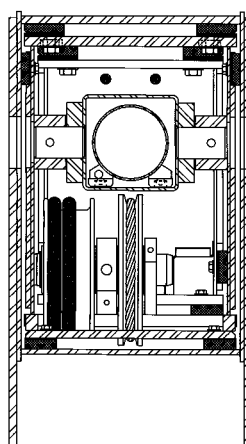
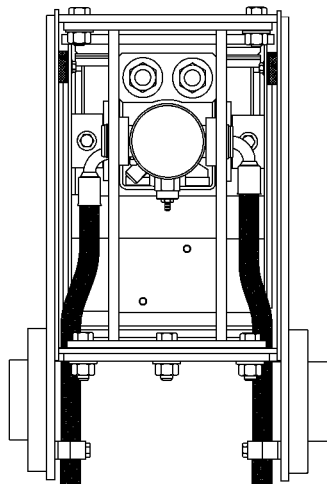
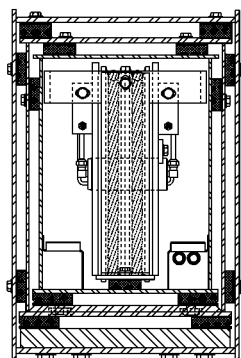
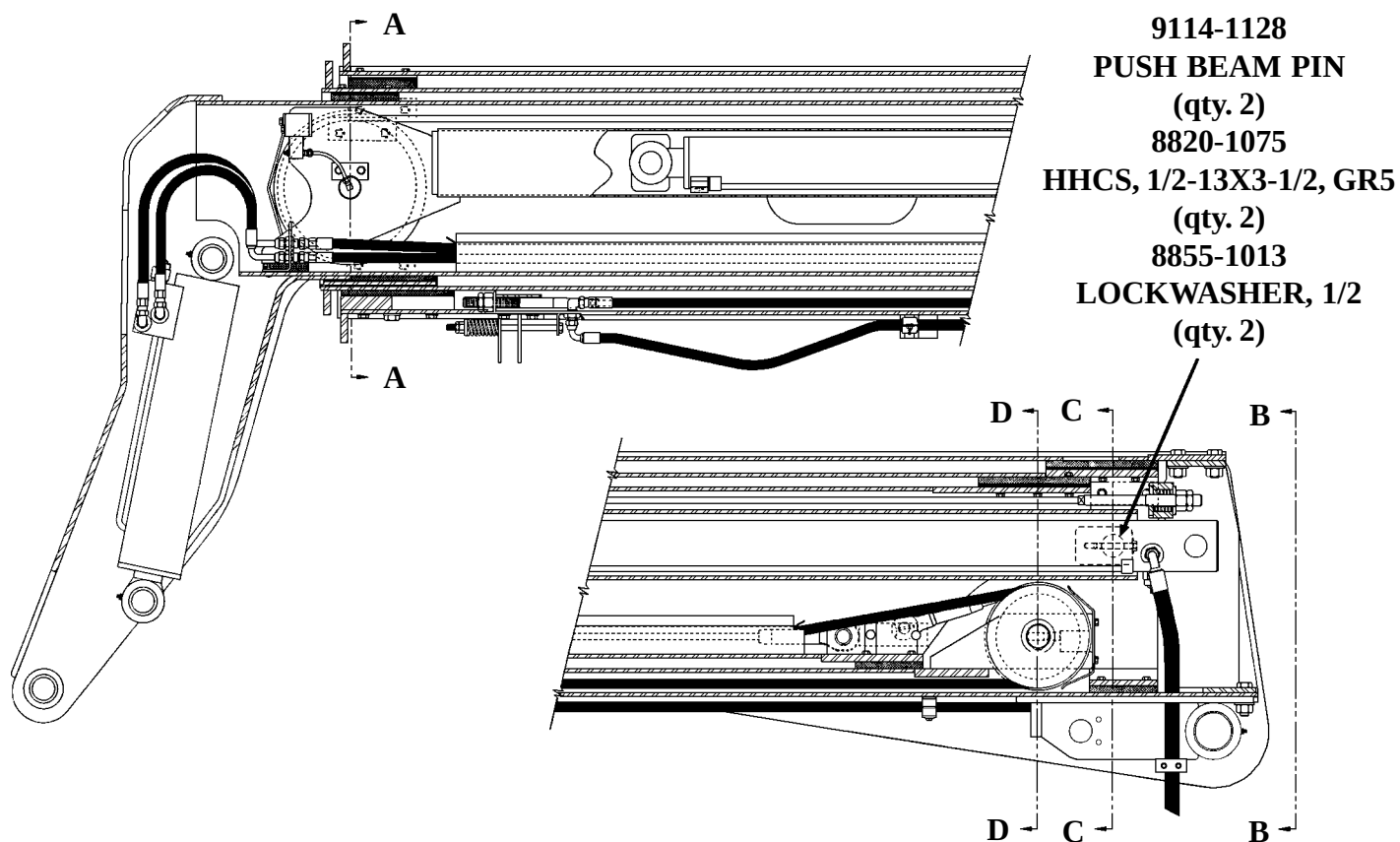
BOOM
Extension & Retraction Cables
 Starting Serial No. 0344001
 Starting Serial No. 0266001
 Original Issue 9-94
 Revised 2-2-06

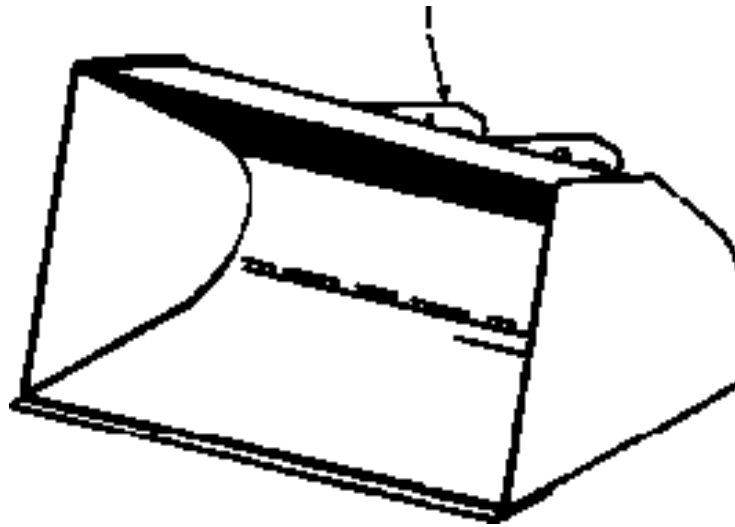


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	8850-1116	2	HEX JAM NUT, 1-8	25	8820-1034	4	HEX HD CAPSCREW, 3/8-16X7/8, GR5
2	8850-1016	2	HEX NUT, 1-8	26	9114-1148	1	GUIDE BAR
3	9112-1079	2	SPECIAL WASHER	27	8867-1001	2	LUBE FITTING, STRAIGHT, 1/8
4	9112-3018	2	SPRING	28	9114-6025	1	PUSH BEAM
5	9114-6026	1	STRONG BACK	29	8820-1532	2	HEX HD CAPSCREW, 3/8-24X3/4, GR5
6	9114-3026	2	EXTENSION CABLE	30	9103-3187	1	BEARING PAD
7	9114-3109	3	BUSHING	31	8688-1273	2	STRAIGHT TUBE FITTING
8	9104-1451	5	THRUST WASHER	32		12"	NYLON TUBING, 1/4
9	9114-5052	2	EXTENSION SHEAVE ASSY (includes item 7)	33	8688-1276	2	90 DEGREE TUBE FITTING
10	8856-1109	7	FLAT WASHER, 3/8	34	9114-1359	1	CABLE SPRING BAR
11	8855-1011	5	LOCK WASHER, 3/8	35	8850-1314	2	HEX NUT, 7/8-14 (torque to 100 ft.lbs.)
12	8820-1035	1	HEX HD CAPSCREW, 3/8-16X1, GR5	36	9114-3251	1	SPRING
13	9114-1152	1	CABLE GUIDE	37	9114-1358	1	CABLE ADJUSTMENT BLOCK
14	9114-1121	1	EXTENSION SHEAVE PIN	38	9002-7472	4	HARDENED WASHER
15	9108-1313	1	PIN KEEPER	39	8320-1035	4	HEX HD CAPSCREW, 5/8-11X1-1/2, GR5 (torque 200-215 ft.lbs.)
16	8855-1013	2	LOCK WASHER, 1/2	40	9114-1120	1	RETRACTION SHEAVE PIN
17	8820-1063	2	HEX HD CAPSCREW, 1/2-13X3/4, GR5	41	9114-3025	1	DOG POINT SET SCREW
18	9114-6023	1	CABLE ANCHOR WELDMENT	42	8858-1149	1	RETAINING RING
19	8858-1313	2	RETAINING RING	43		Ref	PUSH BEAM PIN (not shown) (see page 3-6 for details)
20	9114-1078	1	EXTENSION CABLE PIN				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.
21	9114-3027	1	RETRACTION CABLE (includes pin)				
22	9114-5051	1	RETRACTION SHEAVE ASSY				
23	9114-6018	1	RETRACTION CABLE BRACKET				
* 24	9134-1031	1	HOSE GUIDE PLATE				



Item	Part No.	Qty.	Description Of Part
	9108-5091	1	QUICK SWITCH ASSY (includes items 1 thru 6, 15 & 16)
1	9108-6152	1	QUICK SWITCH WELDMENT
2	9108-6151	1	PLUNGER WELDMENT
3	9020-7902	1	QUICK RELEASE PIN
4	9103-3038	1	JACK CHAIN, 7" LONG, SIZE 12
5	8863-1509	1	ROLL PIN, 1/4X2
6	8867-1008	1	LUBE FITTING, STRAIGHT, 1/4-28
7	9114-6016	1	THIRD BOOM SECTION
8	9103-1136	Ref	BUSHING
9	8820-1107	1	HEX HD CAPSCREW, 5/8-11X5, GR5
10	9104-1365	1	PIN
11	8850-1010	1	HEX LOCKNUT, 5/8-11
12	9020-7046	1	TILT CYLINDER PIN
13	8820-1065	2	HEX HD CAPSCREW, 1/2-13X1, GR5
14	8855-1013	2	LOCKWASHER, 1/2
15	8856-1111	2	FLAT WASHER, 1/2
16	8830-1193	1	ROUND HD MACHINE SCREW, #10-32X1/2
17	8856-1105	1	FLAT WASHER, #10

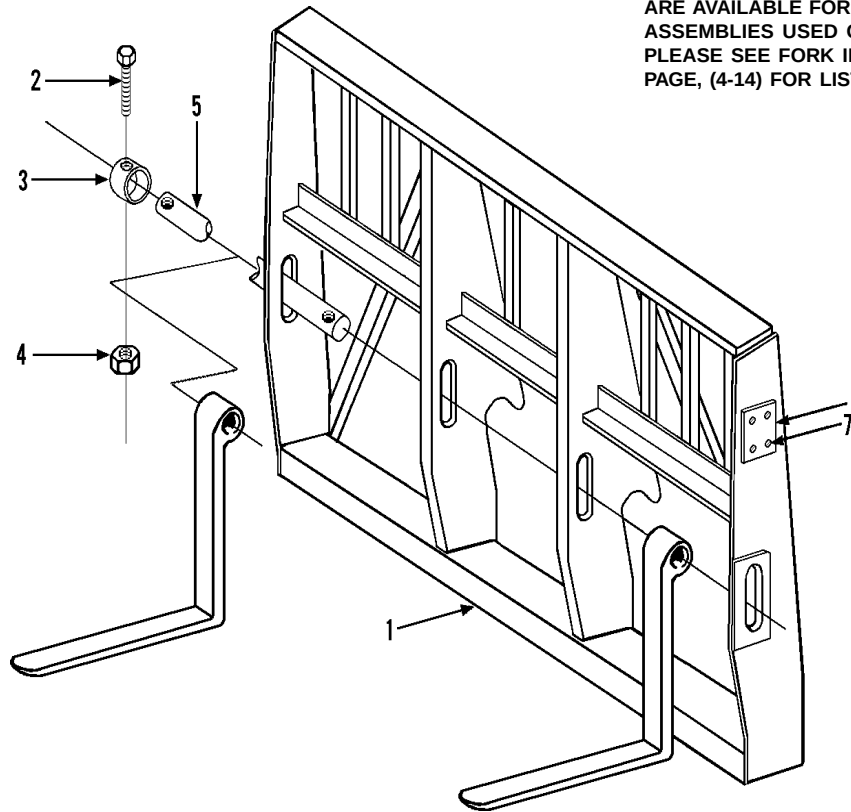




Item	Part No.	Qty.	Description Of Part
1	9045-5049	1	60" BUCKET (3/4 yard capacity)

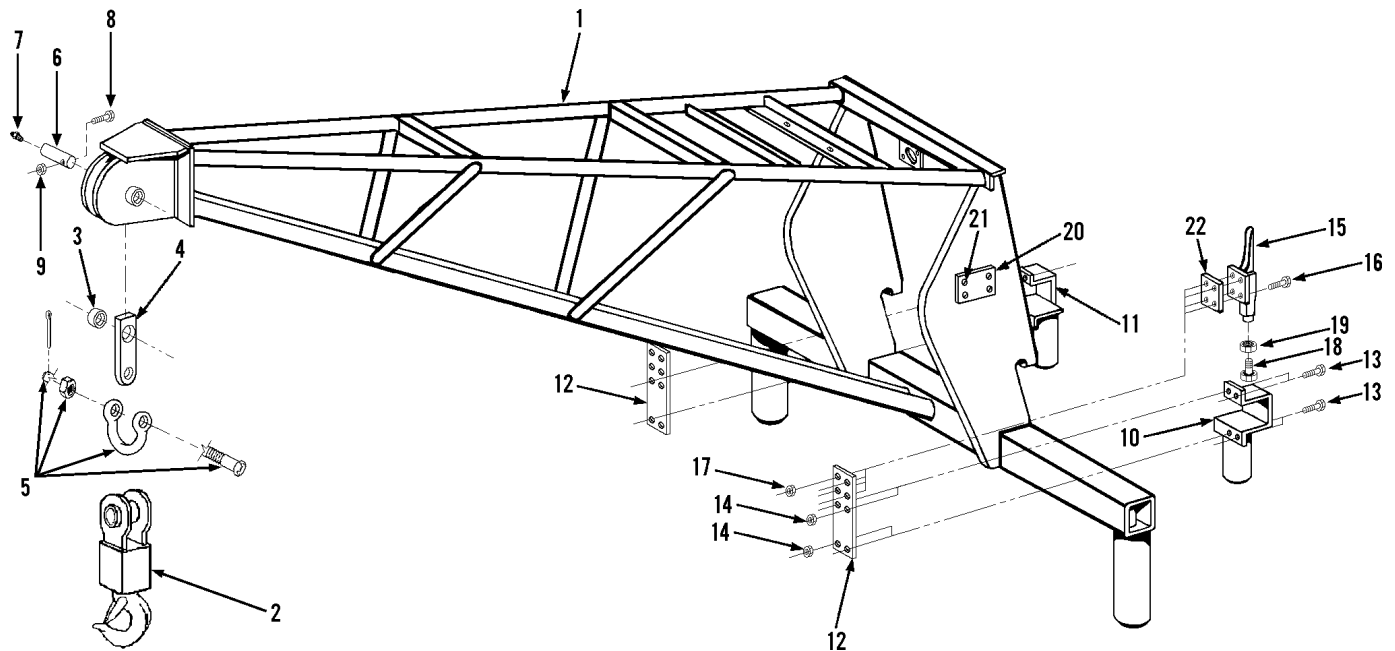
Item	Part No.	Qty.	Description Of Part
1	9055-5020	1	74" BUCKET (1-1/4 yard capacity)

NOTE: MANY DIFFERENT FORK ASSEMBLIES
ARE AVAILABLE FOR THE CARRIAGE
ASSEMBLIES USED ON 534C9/C10.
PLEASE SEE FORK INFORMATION
PAGE, (4-14) FOR LIST OF FORKS.

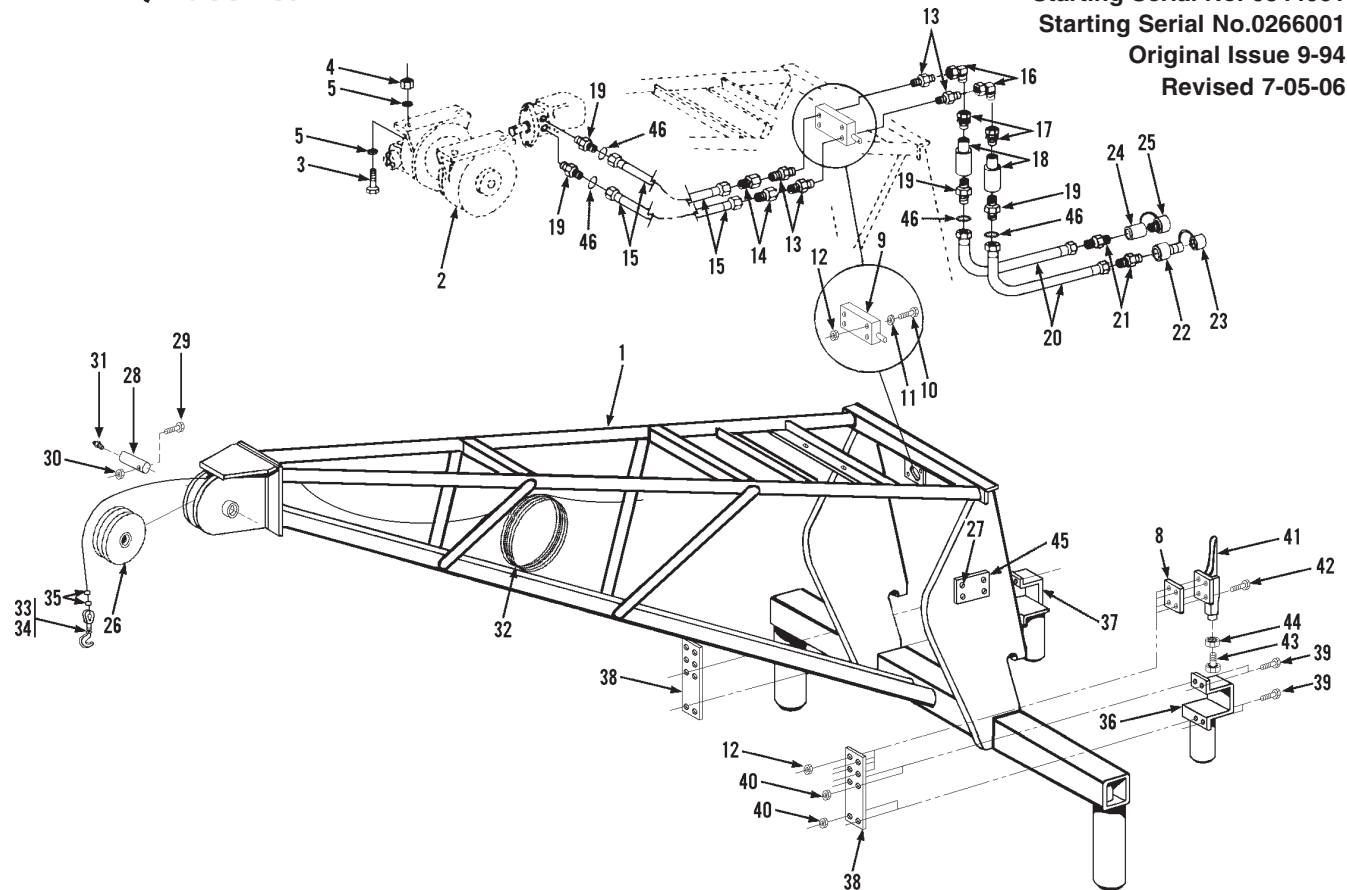


Item	Part No.	Qty.	Description Of Part
	9045-5051	1	48" CARRIAGE ASSY, (includes all items)
1	9045-6009	1	48" CARRIAGE WELDMENT
2	8820-1105	2	HEX HD CAPSCREW, 5/8-11X4, GR5
3	9020-0003	2	COLLAR
4	8852-1310	2	HEX LOCKNUT, 5/8-11
* 5	9045-1058	1	FORK PIN
6	9015-3001	1	SERIAL NUMBER PLATE
7	8834-1022	4	DRIVE SCREW, #10 X3/8

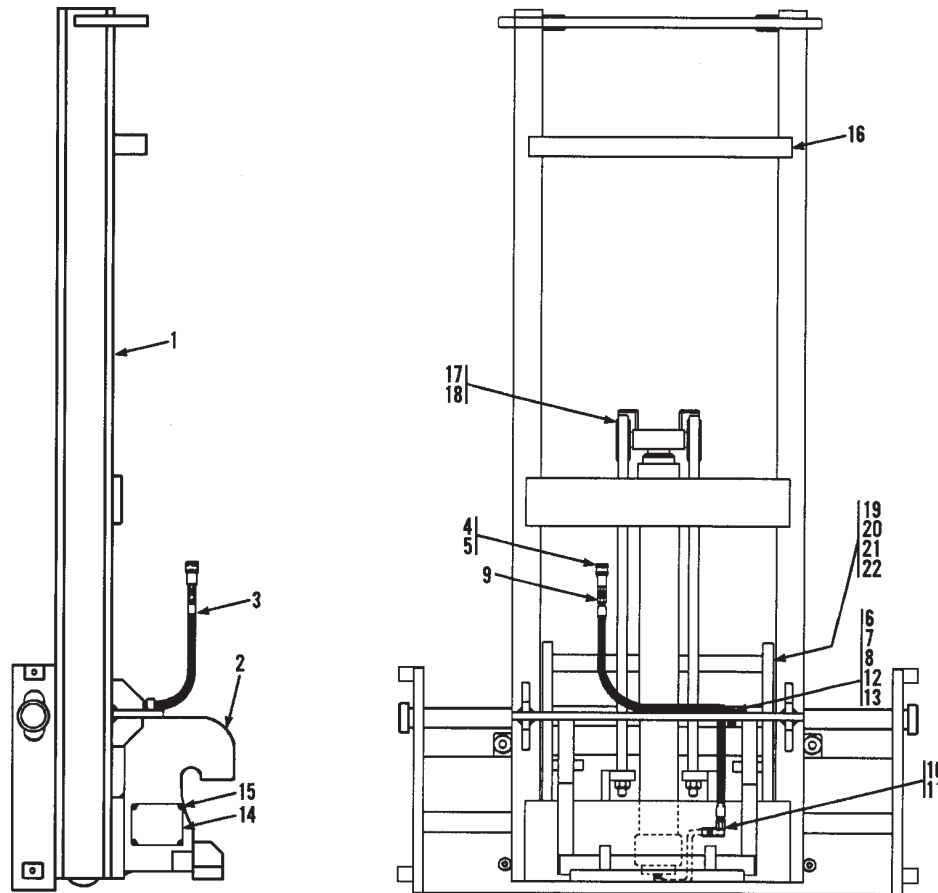
Item	Part No.	Qty.	Description Of Part
	9045-5052	1	66" CARRIAGE ASSY, (includes all items)
1	9045-6010	1	66" CARRIAGE WELDMENT
2	8820-1105	2	HEX HD CAPSCREW, 5/8-11X4, GR5
3	9020-0003	2	COLLAR
4	8852-1310	2	HEX LOCKNUT, 5/8-11
5	9040-2478	1	FORK PIN
6	9015-3001	1	SERIAL NUMBER PLATE
7	8834-1022	4	DRIVE SCREW, #10X3/8



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9045-5011	1	TRUSS BOOM, (includes all items)	11	9060-2904	1	SLIDER BRACKET
1	9080-1353	1	TRUSS BOOM WELDMENT	12	9040-3437	2	SLIDER BAR
2	9045-3040	1	SWIVEL HOOK	13	8820-1036	8	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5
3	9020-6046	1	BUSHING	14	8850-1006	8	HEX NUT, 3/8-16
4	9045-1053	1	HANGER	15	9020-7884	2	LOCKING CLAMP
5	9045-3041	1	SHACKLE, (includes attachment hardware)	16	8820-1021	8	HEX HD CAPSCREW, 5/16-18X1-1/4, GR5
		1	BOLT	17	8850-1005	8	HEX NUT, 5/16-18
		1	NUT	18	8820-1035	2	HEX HD CAPSCREW, 3/8-16X1, GR5
		1	COTTER PIN	19	8850-1106	2	HEAVY HEX JAM NUT, 3/8-16
6	9040-2948	1	PIN	20	9015-3001	1	SERIAL NO. PLATE
7	8867-1001	1	LUBE FITTING, STRAIGHT, 1/8	21	8834-1022	4	DRIVE SCREW, #10X3/8
8	8820-1073	1	HEX HD CAPSCREW, 1/2-13X3, GR5	22	9045-1047	2	SPACER
9	8850-1008	1	HEX NUT, 1/2-13				
10	9060-2905	1	SLIDER BRACKET				

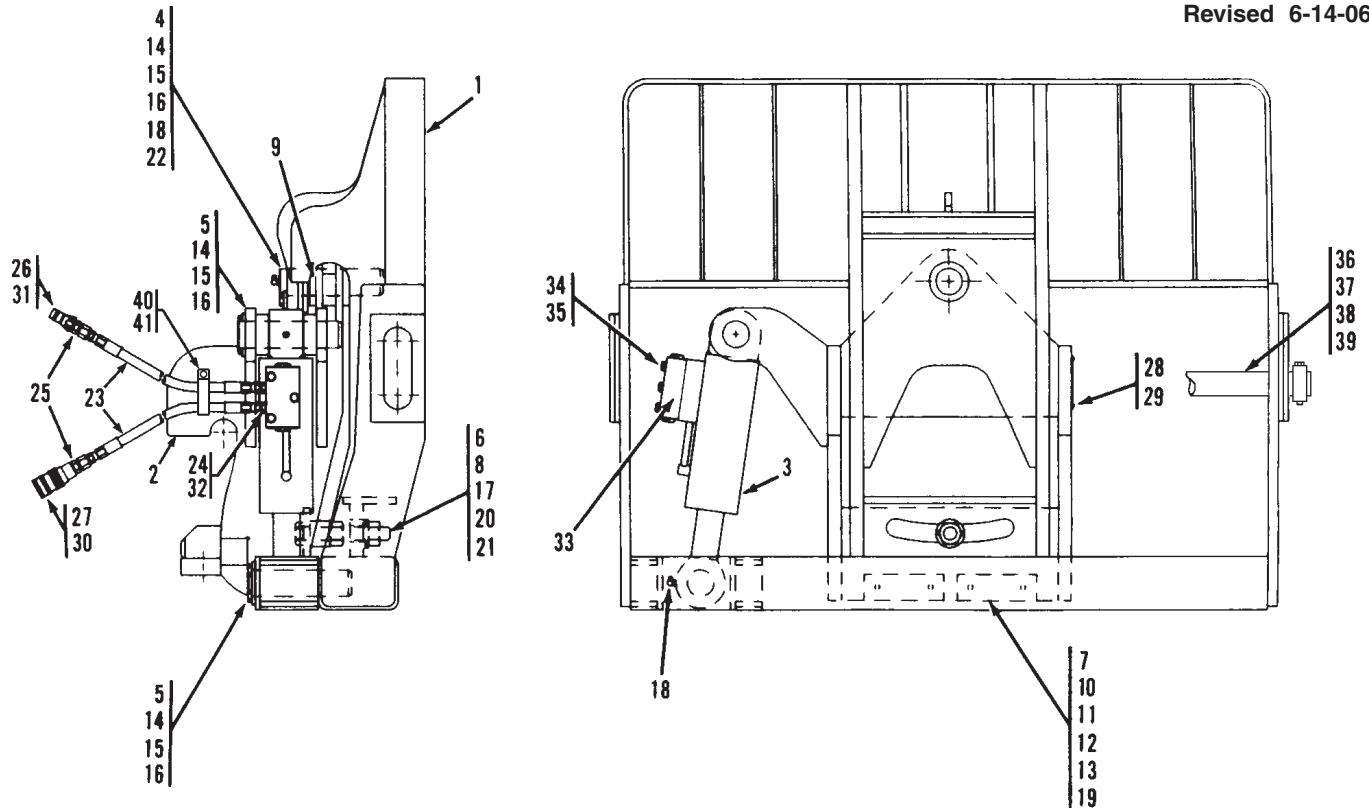


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9045-5012	1	TRUSS BOOM ASSY W/WINCH, (includes all items)	22	9140-3414	1	MALE TIP COUPLER, (S/N 2005283-01 & After)
1	9080-1353	1	TRUSS BOOM WELDMENT	23	9104-3126	1	DUST CAP
2		Ref	WINCH W/MOTOR, (see page 10-23 & 10-24 for details)	24	9116-3139	1	FEMALE COUPLER, (Before S/N 2005283-01 & After)
3	8820-1096	4	HEX HD CAPSCREW, 5/8-11X1-3/4, GR5		9140-3413	1	FEMALE COUPLER, (S/N 2005283-01 & After)
4	8850-1010	4	HEX NUT, 5/8-11	25	9104-3125	1	DUST PLUG
5	8856-1113	8	FLAT WASHER, 5/8	26	9040-3056	1	SHEAVE
6	Not Used			27	8834-1022	4	DRIVE SCREW, #10X3/8
7	Not Used			28	9040-2948	1	PIN
8	9045-1047	2	SPACER	29	8820-1073	1	HEX HD CAPSCREW, 1/2-13X3, GR5
9		Ref	CROSSOVER VALVE, (see page 10-25 for details)	30	8850-1008	1	HEX NUT, 1/2-13
10	8820-1027	2	HEX HD CAPSCREW, 5/16-18X2-3/4, GR5	31	8867-1001	1	LUBE FITTING, STRAIGHT, 1/8
11	8856-1108	2	FLAT WASHER, 5/16	32	9020-7882	1	WIRE ROPE, 3/8" DIAMETER
12	8850-1005	10	HEX NUT, 5/16-18	33	9140-3448	1	SWIVEL HOOK
13	8345-1104	4	ADAPTER	34	9002-6965	1	THIMBLE
14	9002-9935	2	TUBE REDUCER, 7/8X3/4	35	9002-8990	2	WIRE ROPE CLIP
15	9020-5121	2	HOSE ASSY	36	9060-2905	1	SLIDER BRACKET
16	8866-2107	2	ELBOW, 90 DEGREES, (swivel nut)	37	9060-2904	1	SLIDER BRACKET
17	9045-3016	2	ADAPTER	38	9040-3437	2	SLIDER BAR
18	9020-7880	2	FLOW LIMITER	39	8820-1036	8	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5
19	8866-2019	4	CONNECTOR, (includes item 46)	40	8850-1006	8	HEX NUT, 3/8-16
20	8471-7644	2	HOSE ASSY	41	9020-7884	2	LOCKING CLAMP
21	8866-1013	2	MALE CONNECTOR, 1/2X1/2, (Before S/N 2005283-01 & After)	42	8820-1021	8	HEX HD CAPSCREW, 5/16-18X1-1/4, GR5
	8866-2006	2	CONNECTOR, (includes 8859-1205 o-ring), (S/N 2005283-01 & After)	43	8820-1035	2	HEX HD CAPSCREW, 3/8-16X1, GR5
22	9116-3138	1	MALE TIP COUPLER, (Before S/N 2005283-01 & After)	44	8850-1106	2	HEAVY HEX JAM NUT, 3/8-16
				45	9015-3001	1	SERIAL NO. PLATE
				46	8859-1206	4	O-RING



Item	Part No.	Qty.	Description Of Part
	9045-5035	1	6 FT. MAST ASSY, (48" carriage), (includes all items)
	9045-5037	1	6 FT. MAST ASSY, (66" carriage), (includes all items)
	9114-3209	1	534C-9 CAPACITY CHART (located in cab)
	9115-3015	1	534C-10 CAPACITY CHART (located in cab)
1	9045-3031	1	CARRIAGE WELDMENT - 48"
	9045-3032	1	CARRIAGE WELDMENT - 66"
2	9045-6002	1	ADAPTER WELDMENT
3	8471-7640	1	HOSE ASSY
4	9116-3138	1	MALE HYDRAULIC COUPLING, (Before S/N 2005283-01)
	9140-3414	1	MALE HYDRAULIC COUPLING, (S/N 2005283-01 & After)
5	9104-3126	1	DUST CAP
6	2443-1386	2	CLAMP
7	8820-1037	2	HEX HD CAPSCREW, 3/8-16X1-1/2, GR5

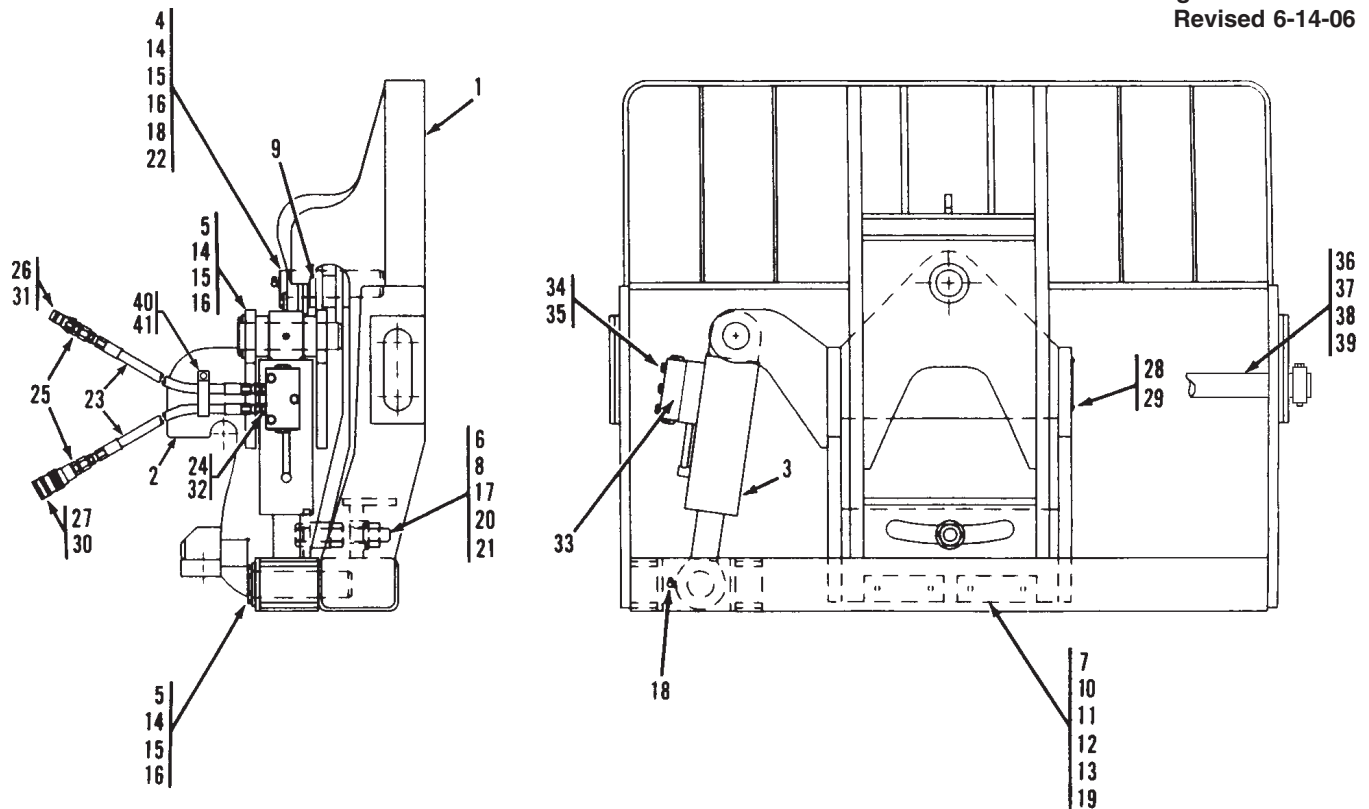
Item	Part No.	Qty.	Description Of Part
8	8856-1004	2	FLAT WASHER, 3/8
9	8866-1013	1	MALE CONNECTOR, 1/2X1/2 TUBE, (Before S/N 2005283-01)
	8866-2006	1	CONNECTOR, (includes 8859-1205 o-ring), (S/N 2005283-01 & After)
10	8866-1016	1	MALE CONNECTOR, 5/8X1/2 TUBE
11	8866-1180	1	FEMALE ELBOW, 90 DEGREES, 1/2X1/2 TUBE
12	8850-1006	2	HEX NUT, 3/8-16
13	8855-1011	2	LOCKWASHER, 3/8
14	9015-3001	1	SERIAL NO. PLATE
15	8834-1022	4	DRIVE SCREW, #10X3/8
16	9045-1039	1	STOP TUBE
17	9103-4372	2	RETAINING RING
18	9103-4373	2	CHAIN ROLLER
19	9103-4374	6	LOAD ROLLER, (inside carriage frame)
20	9103-4375	AR	SHIM
21	9103-4376	4	SIDE THRUST ROLLER, (small outside roller)
22	9103-4377	2	SCREW



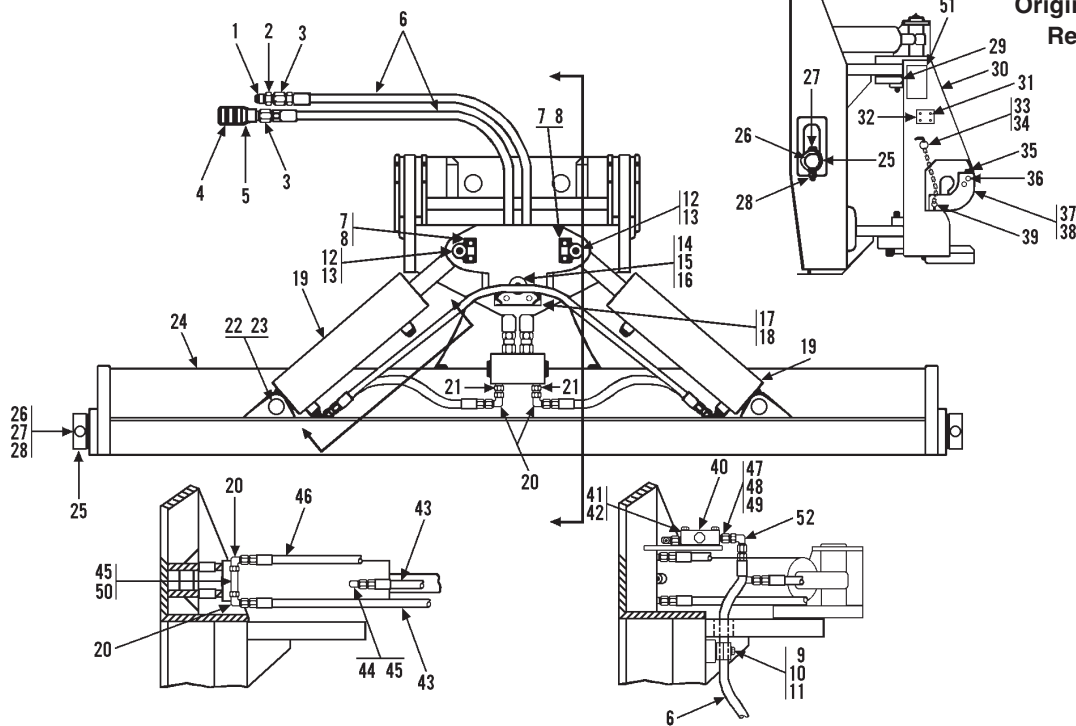
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9108-5058	Ref	48" SLOPE PILER CARRIAGE, (includes all items)	24	8366-1316	2	CONNECTOR
	9114-3317	1	CAPACITY DECAL, 534C-9 (not shown)	*25	8866-1010	2	CONNECTOR, (Before S/N 2005283-01)
	9115-3013	1	CAPACITY DECAL, 534C-10 (not shown)		8866-2018	2	CONNECTOR, (S/N 2005283-01 & After)
1	9108-6121	1	CARRIAGE WELDMENT	*26	9116-3138	1	MALE QUICK DISCONNECT, (Before S/N 2005283-01)
2	9108-6122	1	ADAPTER WELDMENT		9140-3414	1	MALE QUICK DISCONNECT, (S/N 2005283-01 & After)
3		Ref	SWAY CYLINDER, (see page 13-11 for details)	*27	9116-3139	1	FEMALE QUICK DISCONNECT, (Before S/N 2005283-01)
4	9108-3248	1	BUSHING		9140-3413	1	FEMALE QUICK DISCONNECT, (S/N 2005283-01 & After)
*5	3423263	2	PIN	28	8834-1022	4	DRIVE SCREW, #10X3/8
6	9020-4007	1	TUBE	29	9015-3001	1	SERIAL NUMBER PLATE
7	9103-3186	2	BEARING PAD	30	9104-3125	1	DUST PLUG
8	9108-1577	1	TAP BOLT	31	9104-3126	1	DUST CAP
9	9108-1594	1	THRUST WASHER	*32	8866-2105	2	ELBOW, 90 DEGREES, (swivel nut)
*10	9020-5870	AR	SHIM	33		Ref	DUAL P.O. CHECK VALVE, (see page 13-12 for details)
*11	9103-1236	2	SPACER	34	8820-1040	3	HEX HD CAPSCREW, 3/8-16X2-1/4, GR5
*12	8820-1535	4	HEX HD CAPSCREW, 3/8-24X1-1/4, GR5	35	8855-1011	3	LOCKWASHER, 3/8
*13	8820-1534	4	HEX HD CAPSCREW, 3/8-24X1, GR5	*36	9045-1058	1	FORK PIN
14	9108-1313	3	KEEPER PLATE	37	9020-0003	2	COLLAR
15	8820-1065	6	HEX HD CAPSCREW, 1/2-13X1, GR5	38	8820-1105	2	HEX HD CAPSCREW, 5/8-11X4, GR5
16	8855-1013	6	LOCKWASHER, 1/2	39	8852-1310	2	LOCKNUT, 5/8-11
17	8852-1016	1	HEX LOCKNUT, 1-8	*40	8452-1062	1	SUPPORT CLAMP
*18	8867-1022	2	LUBE FITTING, 90 DEGREES, 1/8	*41	7714-3015	1	WHIZ-LOCK NUT, 3/8-16
19	8856-1109	4	FLAT WASHER, 3/8				
20	8850-1016	1	HEX NUT, 1-8				
21	0510-1441	1	WASHER, 1-1/16				
22	9108-1622	1	PIN				
23	8471-6434	2	HOSE ASSY				

GRADALL®
MATERIAL HANDLER
534C-9/534C-10

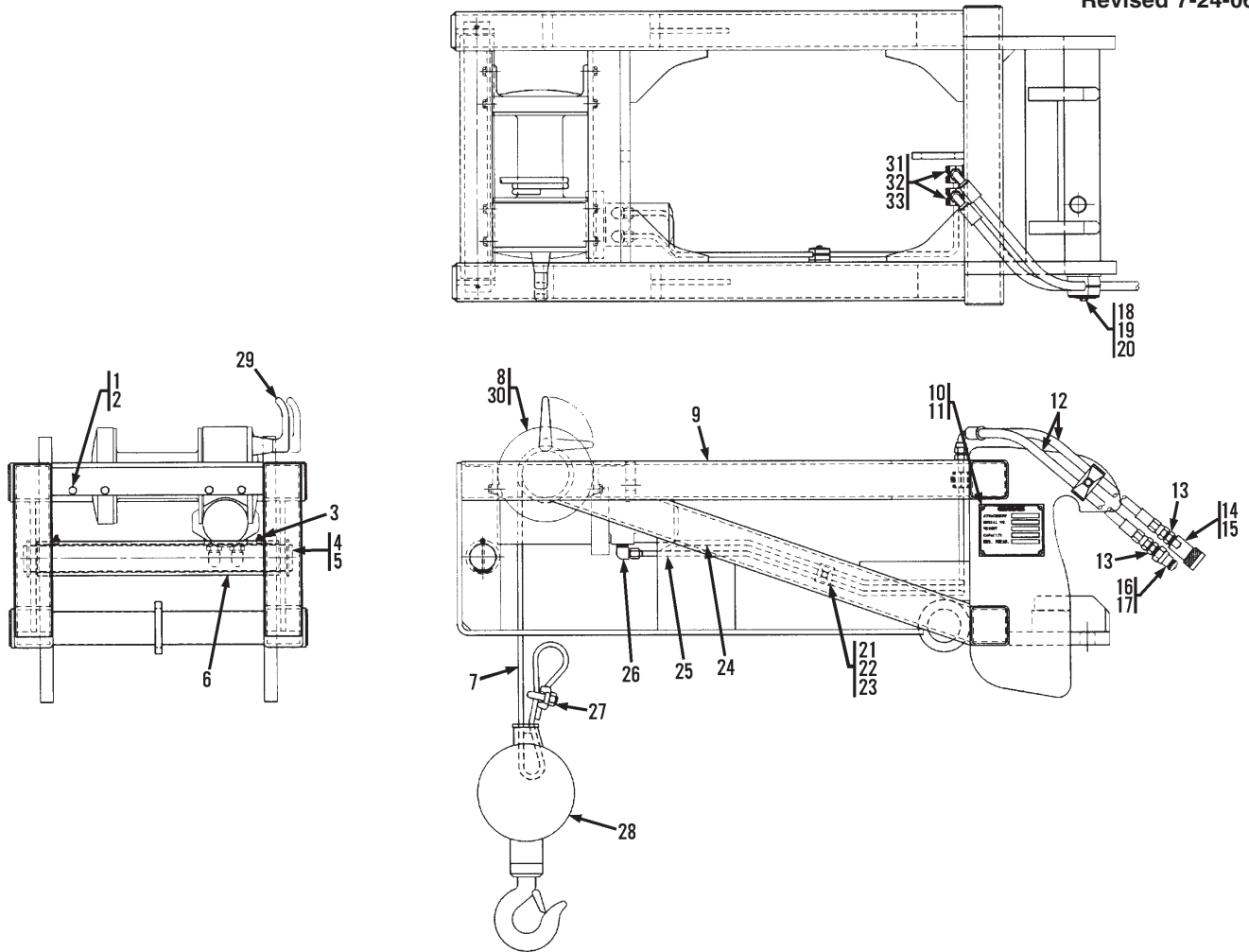
ATTACHMENTS
(9130-5016) 66" Slope Piler Carriage
Starting Serial No. 0344001
Starting Serial No. 0266001
Original Issue 9-94
Revised 6-14-06



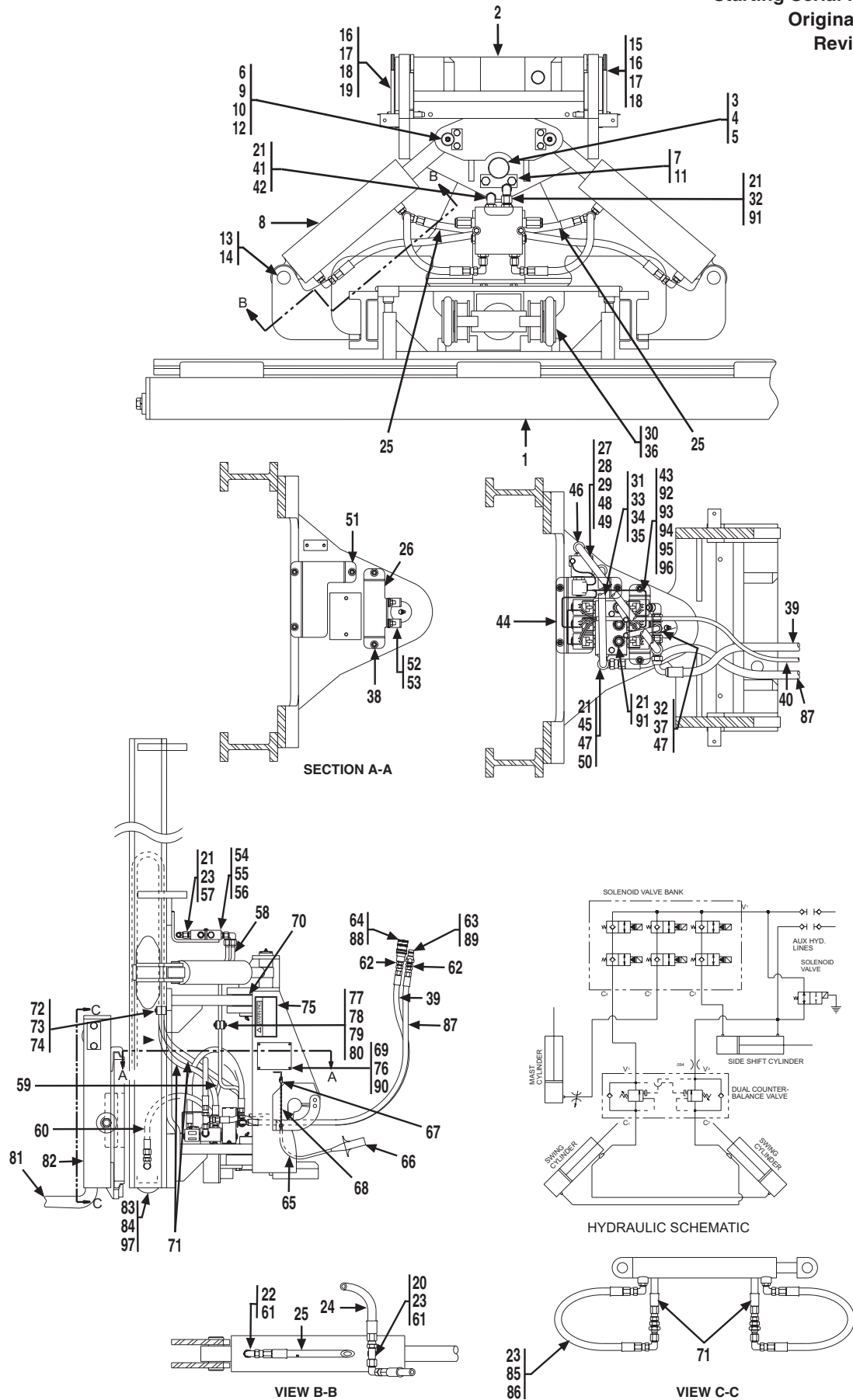
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9130-5016	Ref	66" SLOPE PILER CARRIAGE (includes all items)	24	8366-1316	2	CONNECTOR
	9114-3317	1	CAPACITY DECAL, 534C-9 (not shown)	*25	8866-1010	2	CONNECTOR, (Before S/N 2005283-01)
	9115-3013	1	CAPACITY DECAL, 534C-10 (not shown)		8866-2018	2	CONNECTOR, (S/N 2005283-01 & After)
1	9130-6030	1	CARRIAGE WELDMENT	*26	9116-3138	1	MALE QUICK DISCONNECT, (Before S/N 2005283-01)
2	9108-6122	1	ADAPTER WELDMENT		9140-3414	1	MALE QUICK DISCONNECT, (S/N 2005283-01 & After)
3		Ref	SWAY CYLINDER (see page 13-11 for details)	*27	9116-3139	1	FEMALE QUICK DISCONNECT, (Before S/N 2005283-01)
4	9108-3248	1	BUSHING		9140-3413	1	FEMALE QUICK DISCONNECT, (S/N 2005283-01 & After)
*5	3423263	2	PIN	28	8834-1022	4	DRIVE SCREW, #10X3/8
6	9020-4007	1	TUBE	29	9015-3001	1	SERIAL NUMBER PLATE
7	9103-3186	2	BEARING PAD	30	9104-3125	1	DUST PLUG
8	9108-1577	1	TAP BOLT	31	9104-3126	1	DUST CAP
9	9108-1594	1	THRUST WASHER	*32	8866-2105	2	ELBOW, 90 DEGREES, (swivel nut)
*10	9020-5870	AR	SHIM	33		Ref	DUAL P.O. CHECK VALVE (see page 13-12 for details)
11	9103-1236	2	SPACER	34	8820-1040	3	HEX HD CAPSCREW, 3/8-16X2-1/4, GR5
*12	8820-1535	4	HEX HD CAPSCREW, 3/8-24X1-1/4, GR5	35	8855-1011	3	LOCKWASHER, 3/8
*13	8820-1534	4	HEX HD CAPSCREW, 3/8-24X1, GR5	36	9130-1083	1	FORK PIN
14	9108-1313	3	KEEPER PLATE	37	9020-0003	2	COLLAR
15	8820-1065	6	HEX HD CAPSCREW, 1/2-13X1, GR5	38	8820-1105	2	HEX HD CAPSCREW, 5/8-11X4, GR5
16	8855-1013	6	LOCKWASHER, 1/2	39	8852-1310	2	LOCKNUT, 5/8-11
17	8852-1016	1	HEX LOCKNUT, 1-8	*40	8452-1062	1	SUPPORT CLAMP
*18	8867-1022	2	LUBE FITTING, 90 DEGREES, 1/8	*41	7714-3015	1	WHIZ-LOCK NUT, 3/8-16
19	8856-1109	4	FLAT WASHER, 3/8				
20	8850-1016	1	HEX NUT, 1-8				
21	0510-1441	1	WASHER, 1-1/16				
22	9108-1622	1	PIN				
23	8471-6434	2	HOSE ASSY				



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9045-5044	Ref	100 DEGREE SWING FORK ASSY, (includes all items)	20	8866-2105	6	ELBOW, 90 DEGREE, (swivel nut)
	9114-3212	1	534C-9 CAPACITY DECAL, (located in cab)	21	8866-2018	2	CONNECTOR, (includes item 45)
	9115-3016	1	534C-10 CAPACITY DECAL, (located in cab)	22	9104-1326	2	PIVOT PIN
1	9104-3126	1	DUST CAP	23	8858-1136	4	RETAINING RING
2	9116-3138	1	MALE QUICK DISCONNECT, (Before S/N 2005283-01)	24	9104-6061	1	CARRIAGE WELDMENT
	9140-3414	1	MALE QUICK DISCONNECT, (S/N 2005283-01 & After)	25	9020-0003	2	COLLAR
3	8866-1013	2	MALE CONNECTOR, 1/2X1/2 TUBE, (Before S/N 2005283-01)	26	9055-1013	1	FORK PIN
	8866-2006	2	CONNECTOR, (includes 8859-1205 o-ring), (S/N 2005283-01 & After)	27	8820-1105	2	HEX HD CAPSCREW, 5/8-11X4, GR5
4	9104-3125	1	DUST CAP	28	8852-1310	2	LOCKNUT
5	9116-3139	1	FEMALE QUICK DISCONNECT, (Before S/N 2005283-01)	29	9104-1356	6	SPACER
	9140-3413	1	FEMALE QUICK DISCONNECT, (S/N 2005283-01 & After)	30	9104-6062	1	PIVOT WELDMENT
6	8471-8067	2	HOSE ASSY	31	8834-1022	4	DRIVE SCREW
7	9141-1073	2	LOCKING PLATE	32	9015-3001	1	SERIAL NO. PLATE
8	8320-1024	4	HEX HD CAPSCREW, 3/8-16X1, SELF-LOCKING (nylok), GR8	33	9103-3039	2	CHAIN CONNECTOR
9	9108-3249	1	CLAMP SET	34	9103-3038	24"	CHAIN
10	7713-3140	1	COVER PLATE	35	8866-1449	2	ROLL PIN, 1/8X1-1/2
11	7713-3177	1	HEX HD CAPSCREW, 5/16X1-3/8	36	9114-1350	2	PIN
12	9104-1324	2	PIVOT PIN	37	9114-6053	1	L.H. SUPPORT BRACKET
13	8867-1008	2	LUBE FITTING, STRAIGHT, 1/4-28	38	9114-6054	1	R.H. SUPPORT BRACKET
14	9104-1325	2	PIVOT PIN	39	9104-3221	2	DETENT PIN
15	8867-1022	2	LUBE FITTING, 90 DEGREES	40	9104-3186	1	DOUBLE PILOT CHECK VALVE
16	9104-1327	2	BUSHING	41	8856-1002	2	FLAT WASHER
17	9104-1322	2	LOCKING PLATE	42	8820-1008	2	HEX HD CAPSCREW, 1/4-20X1-3/4, GR5
18	8320-1026	4	HEX HD CAPSCREW, 1/2-13X1-1/2, GR8	43	9020-4097	2	HOSE ASSY
19		Ref	SWING CYLINDER, (see page 13-13 for details)	44	8866-2084	2	ELBOW, 45 DEGREES, (includes item 45)
				45	8859-1204	4	O-RING
				46	7713-3201	2	HOSE ASSY
				47	9104-1361	2	FITTING
				48	8859-1205	2	O-RING
				49	9104-1362	2	ORIFICE FITTING
				50	8866-2152	2	BRANCH TEE, (includes item 45)
				51	9114-3282	2	PINCH POINT DECAL
				52	8866-2106	2	ELBOW, 90 DEGREES, (swivel nut)

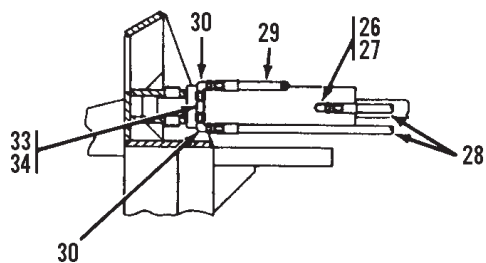
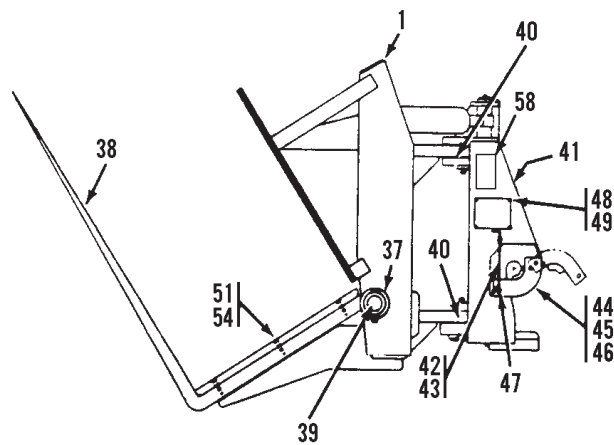
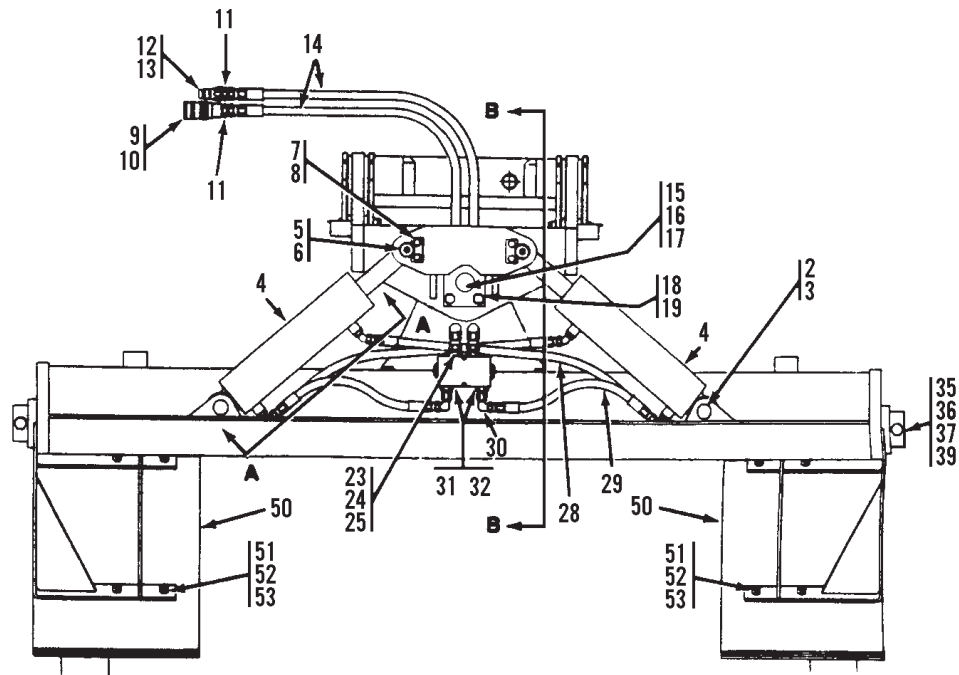


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9108-5056	Ref	QUICK HOOK ASSY, (includes all items)	16	9104-3126	1	DUST CAP
1	8855-1011	8	LOCKWASHER, 3/8	17	9116-3138	1	MALE HYDRAULIC COUPLING, (Before S/N 2005283-01)
2	8820-1034	8	HEX HD CAPSCREW, 3/8-16X7/8, GR5		9140-3414	1	MALE HYDRAULIC COUPLING, (S/N 2005283-01 & After)
3	8867-1001	2	LUBE FITTING, STRAIGHT, 1/8	18	7713-3136	1	STAUFF CLAMP SET
4	9108-1574	1	PIN	19	7713-3137	1	STAUFF COVER PLATE
5	8863-1343	2	COTTER PIN	20	8820-1023	1	HEX BOLT
6	9108-1573	1	ROLLER	21	7713-3270	1	STAUFF CLAMP SET
7	9108-3368	1	WIRE ROPE, (7/16" Dia.)	22	8856-1002	1	STAUFF COVER PLATE
8	9108-3367	1	WINCH	23	8820-1005	1	HEX BOLT
9	9108-6119	1	QUICK HOOK WELDMENT	24	9114-3276	1	TUBE ASSY
10	9015-3001	1	SERIAL NO. PLATE	25	9114-3275	1	TUBE ASSY
11	8834-1022	4	ROUND HD DRIVE SCREW, #10X3/8	26	8866-1110	2	MALE ELBOW, 90 DEGREES, 3/8X1/2 TUBE
12	9020-5126	2	HOSE ASSY	27	9002-9999	1	WIRE ROPE CLAMP, 7/16
13	7736-3079	2	STRAIGHT THREAD CONNECTOR, (Before S/N 2005283-01)	28	9020-1443	1	HOOK & BALL
	8866-2006	2	CONNECTOR, (includes 8859-1205 o-ring), (S/N 2005283-01 & After)	29	9114-3277	1	L-HANDLE
14	9104-3125	1	DUST CAP	30	9108-1737	1	WEDGE
15	9116-3139	1	FEMALE HYDRAULIC COUPLING, (Before S/N 2005283-01)	31	9106-3040	2	CLAMP SET
	9140-3413	1	FEMALE HYDRAULIC COUPLING, (S/N 2005283-01 & After)	32	9106-3039	2	COVER PLATE
				33	8820-1006	4	HEX BOLT

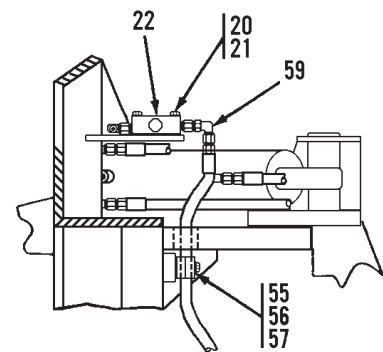


Item	Part No.	Qty.	Description Of Part
	90455047	Ref	6' SWING MAST W/SIDE SHIFT, (includes all items)
1	9045-6007	1	MAST WELDMENT
2	9104-6062	1	SWING FORK PIVOT WELDMENT
3	9104-1325	2	PIVOT PIN
4	8867-1018	2	LUBE FITTING, 45 DEGREES, 1/8
5	9104-1327	2	BUSHING
6	9141-1073	2	LOCKING PLATE
7	8320-1026	4	HEX HD CAPSCREW, 1/2-13X1-1/2, GR8
8		Ref	HYDRAULIC CYLINDER, (see page 13-13 for details)
9	9104-1324	2	PIVOT PIN
10	8867-1008	2	LUBE FITTING, STRAIGHT, 1/4-28
11	9104-1322	2	LOCKING PLATE
12	8320-1024	4	HEX HD CAPSCREW, 3/8-16X1, GR8
13	9104-1326	2	PIVOT PIN
14	8858-1136	4	SNAP RING
15	9114-6053	1	LH SUPPORT BRACKET
16	9114-1350	2	PIN
17	8863-1449	2	ROLL PIN, 1/8X1-1/2
18	9104-3221	2	DETENT PIN
19	9114-6054	1	RH SUPPORT BRACKET
20	8866-2152	2	BRANCH TEE, (includes item 61)
21	8859-1205	7	O-RING
22	8866-2064	2	ELBOW, 90 DEGREES, (includes item 61)
23	88662105	6	ELBOW, 90 DEGREES, (swivel nut)
24	7713-3201	2	HOSE ASSY
25	9020-4097	2	HOSE ASSY
26	9045-1060	1	FRONT COVER, (solenoid valve)
27	9045-3043	1	SOLENOID VALVE
28	8820-1007	2	HEX HD CAPSCREW, 1/4-20X1-1/2, GR5
29	8855-1009	2	LOCKWASHER, 1/4
30	9103-4399	2	HOSE SHEAVE
31	8855-1010	2	LOCKWASHER, 5/16
32	8866-2106	2	ELBOW, 90 DEGREES, (swivel nut)
33	9045-3019	1	SOLENOID VALVE BANK
	9114-4449	6	CARTRIDGE & COIL
	9120-4190	6	SEAL KIT, (used on cartridge & coil)
34	8820-1025	2	HEX HD CAPSCREW, 5/16-18X2-1/4, GR5
35	8856-1108	2	FLAT WASHER, 5/16
36	9103-4400	2	SHOULDER BOLT
37	8866-1306	1	UNION TEE, 1/2 TUBE
38	7714-3013	5	WHIZ-LOCKNUT, 1/4-20
39	7713-3269	1	HOSE ASSY
40	9045-3023	1	WIRING HARNESS
41	9020-3384	2	ADAPTER
42	9104-1362	1	ORIFICE FITTING
43	9134-5026	1	DIODE ASSY, (includes items 92 thru 96)
44	9045-3044	1	WIRING HARNESS
45	8471-8047	1	HOSE ASSY
46	7713-3458	1	HOSE ASSY
47	8866-2240	2	SWIVEL NUT RUN TEE, 1/2 TUBE
48	7713-1088	2	ELBOW, 90 DEGREES
49	9020-7719	1	JUMPER WIRE
50	8866-2065	1	ELBOW, 90 DEGREES, (includes item 21)
51	90451061	1	BACK COVER, (solenoid valve)

Item	Part No.	Qty.	Description Of Part
52	8067-3023	2	SUPPORT CLAMP
53	7714-3006	2	WHIZ-LOCKNUT, 5/16-18
54	9045-3018	1	DUAL COUNTERBALANCE VALVE
55	8820-1008	2	HEX HD CAPSCREW, 1/4-20X1-3/4, GR5
56	8856-1002	2	FLAT WASHER, 1/4
57	8866-2018	2	CONNECTOR, (includes item 21)
58	9045-3021	1	TUBE ASSY
59	9045-3020	1	TUBE ASSY
60	8471-1778	1	HOSE ASSY
61	8859-1204	4	O-RING
62	8866-1013	2	MALE CONNECTOR, 1/2X1/2 TUBE, (Before S/N 2005283-01)
	8866-2006	2	CONNECTOR, (includes 8859-1205 o-ring), (S/N 2005283-01 & After)
63	9116-3138	1	HYD COUPLING, MALE TIP, (Before S/N 2005283-01)
	9140-3414	1	HYD COUPLING, MALE TIP, (S/N 2005283-01 & After)
64	9103-3125	1	DUST CAP
65	9045-3046	1	WIRING HARNESS
66	9020-7662	1	6 CONTACT PLUG
67	9103-3039	2	CHAIN CONNECTION
68	9103-3038	24"	CHAIN
69	8834-1022	4	DRIVE SCREW, #10X3/8
70	9104-1356	6	SPACER
71	8471-7871	2	HOSE ASSY
72	7713-3497	2	CLAMP
73	7713-3498	2	COVER PLATE
74	7713-3499	4	HEX HD CAPSCREW, 1/4-20X1-5/16
75	9114-3282	2	PINCH POINT DECAL
76	9134-3053	1	ATTENTION DECAL
77	7713-3168	1	CLAMP SET
78	7713-3140	2	COVER PLATE
79	8820-1024	1	HEX HD CAPSCREW, 5/16-18X2, GR5
80	8850-1005	1	HEX NUT, 5/16-18
81		Ref	FORKS, (see page 4-14 for details)
82	9045-3033	1	66" S.S. CARRIAGE
	9045-4003	2	BRONZE GUIDE
	9045-4001	1	CYLINDER
	9045-4002	1	PACKING KIT
83	9103-4374	6	LOAD ROLLER
84	9103-4375	12	SHIM
85	8471-7537	2	HOSE ASSY
86	8866-1084	2	BULKHEAD UNION, 9/16-18X3/8 TUBE
87	7713-3146	1	HOSE ASSY
88	9116-3139	1	HYD COUPLING, FEMALE, (Before S/N 2005283-01)
	9140-3413	1	HYD COUPLING, FEMALE, (S/N 2005283-01 & After)
89	9104-3126	1	DUST CAP
90	9015-3001	1	SERIAL NO. PLATE
91	8866-2006	4	CONNECTOR, (includes item 21)
92	7738-5131	1	DIODE ASSY
93	9104-3440	2	PIGGYBACK CONNECTOR
94	8666-1147	3"	BLACK WIRE, 16GA.
95	8668-3480	1	BUTT CONNECTOR
96	8368-3549	AR	HEAT SHRINK TUBING
97	9103-4377	2	SCREW

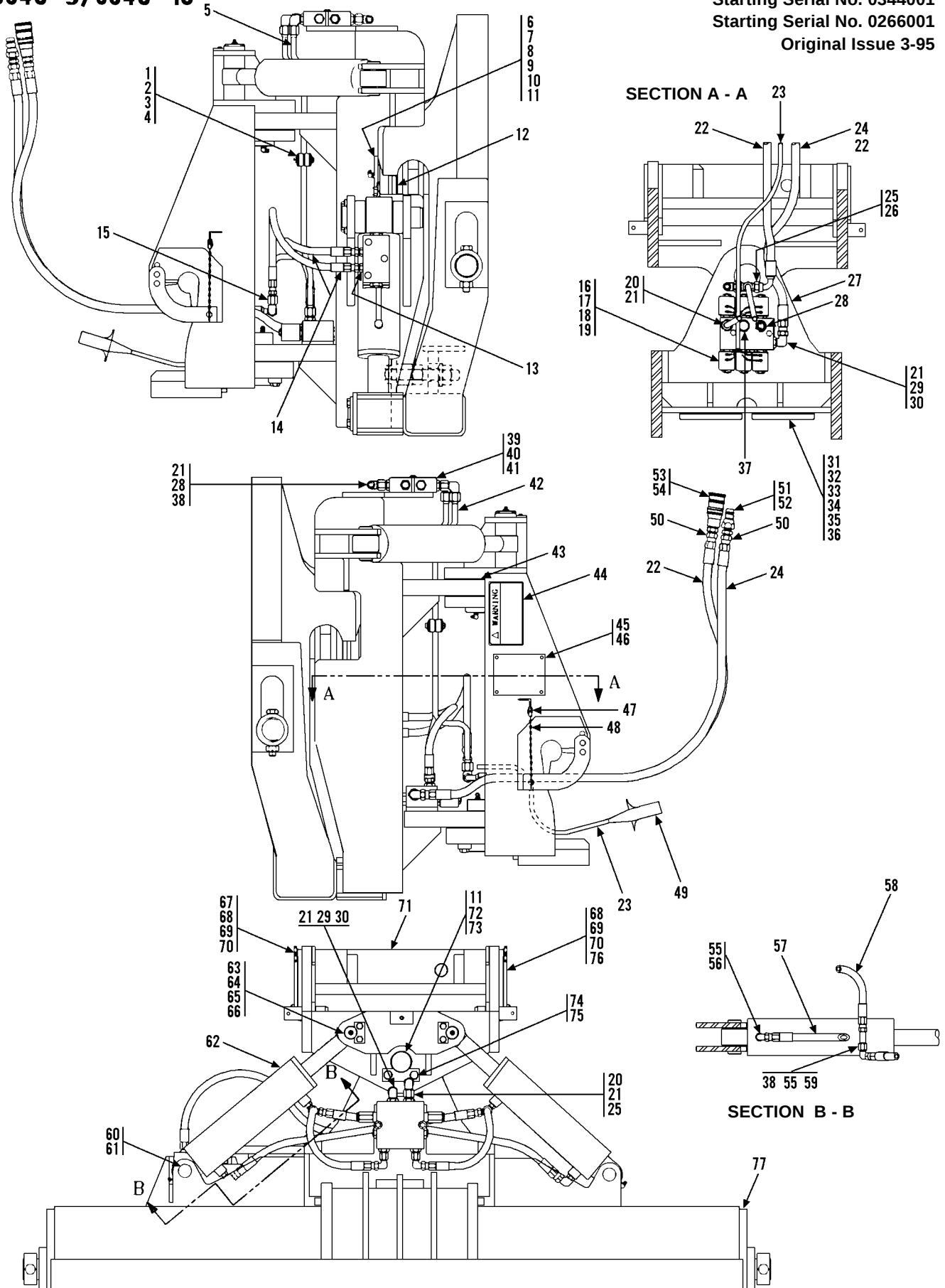


SECTION A-A



SECTION B-B

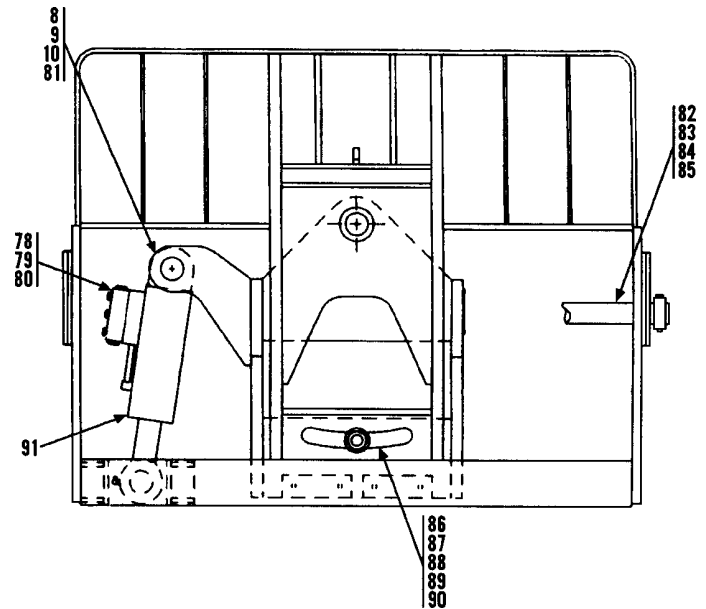
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9055-5013	1	100 DEGREE DRYWALL SWING FORK ASSY, (includes all items)	25	8859-1205	2	O-RING
1	9055-6004	1	DRYWALL CARRIAGE WELDMENT	26	8866-2084	2	ELBOW, 45 DEGREES, (includes item 27)
2	9104-1326	2	PIVOT PIN	27	8859-1204	2	O-RING
3	8858-1136	4	EXTERNAL RETAINING RING	28	9020-4097	2	HOSE ASSY
4		Ref	HYDRAULIC CYLINDER ASSY, (see page 13-13 for details)	29	7713-3201	2	HOSE ASSY
5	9104-1324	2	PIVOT PIN	30	8866-2105	6	ELBOW, 90 DEGREES, (swivel nut)
6	8867-1008	2	LUBE FITTING, STRAIGHT, 1/4-28	31	8866-2018	2	CONNECTOR, (includes item 32)
7	9141-1073	2	LOCKING PLATE	32	8859-1205	2	O-RING
8	8320-1024	4	HEX HD CAPSCREW, 3/8-16X1, GR8	33	8866-2152	2	BRANCH TEE, (includes item 34)
9	9104-3125	1	DUST CAP	34	8859-1204	2	O-RING
10	9116-3139	1	HYDRAULIC COUPLER, FEMALE, (Before S/N 2005283-01)	35	8820-1105	4	HEX HD CAPSCREW, 5/8-11X4, GR5
	9140-3413	1	HYDRAULIC COUPLER, FEMALE, (S/N 2005283-01 & After)	36	8852-1310	4	HEX LOCKNUT, 5/8-11
11	8866-1013	2	MALE CONNECTOR, 1/2X1/2 TUBE, (Before S/N 2005283-01)	37	9020-0003	4	COLLAR
	8866-2006	2	CONNECTOR, (includes 8859-1205 o-ring), (S/N 2005283-01 & After)	38	9045-3013	2	DRYWALL FORK
12	9104-3126	1	DUST CAP	39	9045-1020	2	FORK PIN
13	9116-3138	1	HYDRAULIC COUPLER, MALE, (Before S/N 2005283-01)	40	9104-1356	6	SPACER
	9140-3414	1	HYDRAULIC COUPLER, MALE, (S/N 2005283-01 & After)	41	9104-6062	1	PIVOT WELDMENT
14	8471-8067	2	HOSE ASSY	42	9103-3038	1	CHAIN, 24"
15	9104-1325	2	PIVOT PIN	43	9103-3039	2	CHAIN CONNECTION
16	9104-1327	2	BUSHING	44	8863-1449	2	ROLL PIN, 1/8X1-1/2
17	8867-1022	2	LUBE FITTING, 90 DEGREES, 1/8	45	9114-1350	2	PIN
18	9104-1322	2	LOCKING PLATE	46	9114-6053	1	SUPPORT BRACKET, L.H.
19	8320-1026	4	HEX HD CAPSCREW, 1/2-13X1-1/2, GR8		9114-6054	1	SUPPORT BRACKET, R.H.
20	8820-1008	2	HEX HD CAPSCREW, 1/4-20X1-3/4, GR5	47	9104-3221	2	DETENT PIN
21	8856-1002	2	FLAT WASHER, 1/4	48	9015-3001	1	SERIAL NO. PLATE
22	9104-3186	1	DOUBLE PILOT CHECK VALVE	49	8834-1022	4	DRIVE SCREW, #10X3/8
23	9104-1361	2	FITTING	50	9055-3012	2	SIDE DRYWALL GUARD
24	9104-1362	2	ORIFICE FITTING	51	8824-1053	14	SOCKET FLAT HD CAPSCREW, 3/8-16X1-1/2
				52	8855-1011	8	LOCKWASHER, 3/8
				53	8850-1006	8	HEX NUT, 3/8-16
				54	9055-3013	2	BOTTOM DRYWALL GUARD
				55	9108-3249	1	CLAMP SET
				56	7713-3140	1	COVER PLATE
				57	7713-3177	1	HEX HD CAPSCREW, 5/16-18X1-3/8
				58	9114-3282	2	PINCH POINT DECAL
				59	8866-2106	2	ELBOW, 90 DEGREES, (swivel nut)



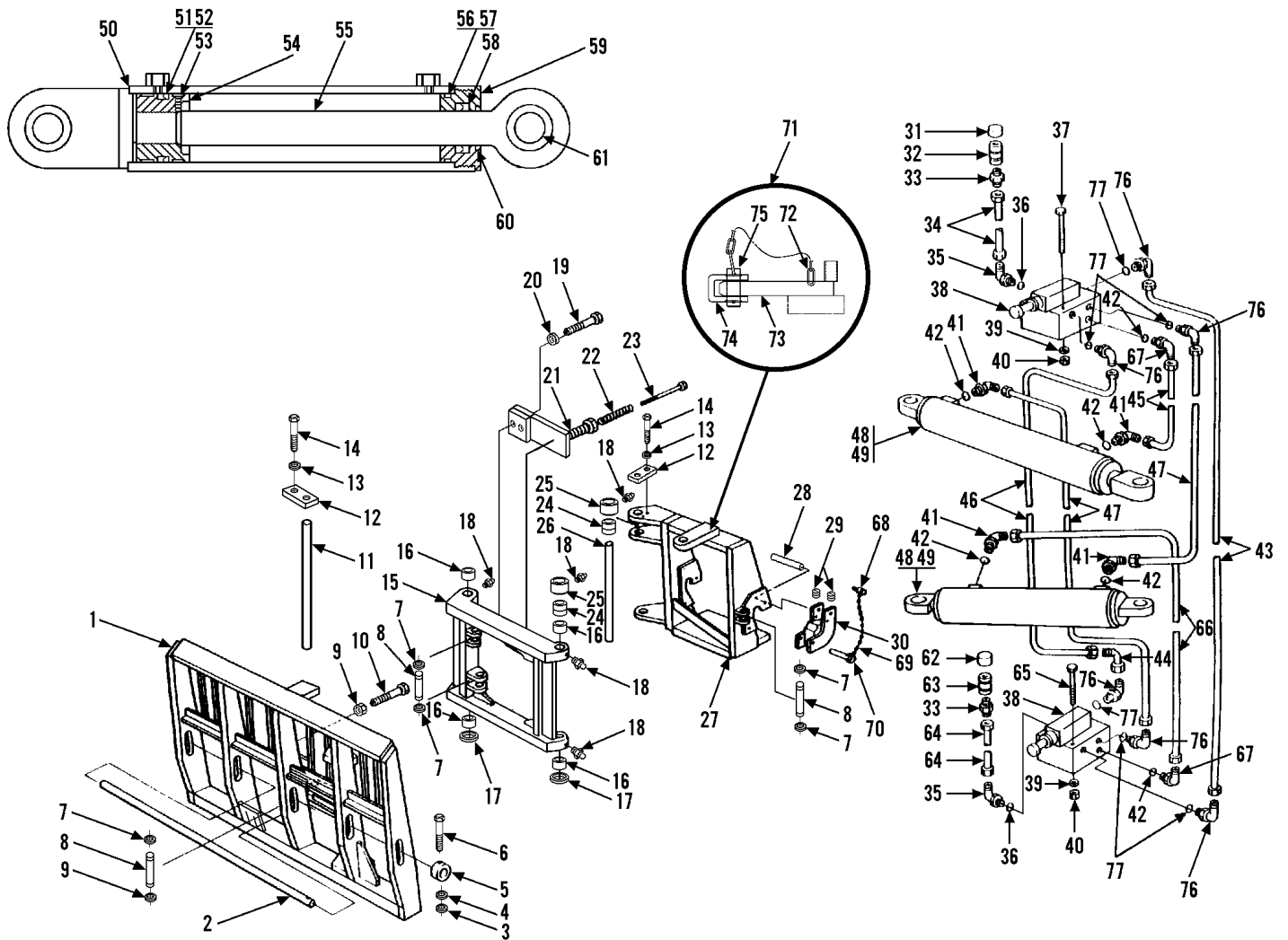
GRADALL®
MATERIAL HANDLER
534C-9/534C-10

ATTACHMENTS
(9130-5021) Swinging Slope Piler
Starting Serial No. 0344001
Starting Serial No. 0266001
Original Issue 3-95

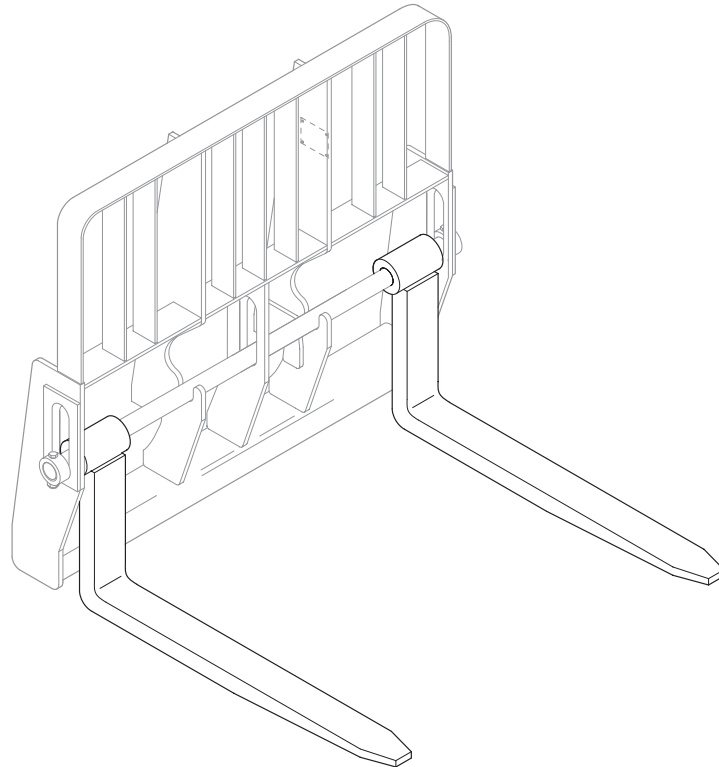
Item	Part No.	Qty.	Description Of Part
	9130-5021	1	SWINGING SLOPE PILER ASSY (includes all items)
1	7713-3168	1	CLAMP SET
2	7713-3140	2	COVER PLATE
3	8820-1024	1	HEX HD CAPSCREW, 5/16-18X2, GR5
4	8850-1005	1	HEX NUT, 5/16-18
5	9045-3020	1	TUBE ASSY
6	9108-3248	1	BUSHING
7	9108-1622	1	PIN
8	8820-1065	6	HEX HD CAPSCREW, 1/2-13X1, GR5
9	8855-1013	6	LOCKWASHER, 1/2
10	9108-1313	3	KEEPER PLATE
11	8867-1022	4	LUBE FITTING, 90 DEGREES, 1/8
12	9108-1594	1	THRUSTWASHER
13	8366-1316	2	STRAIGHT THREAD CONNECTOR, 3/8 TUBE
14	8471-7955	2	HOSE ASSY
15	8688-3469	1	TUBE END REDUCER, 1/2-3/8 TUBE
16	9045-3019	1	SOLENOID VALVE BANK
17	8820-1025	2	HEX HD CAPSCREW, 5/16-18X2-1/4, GR5
18	8856-1108	2	WASHER, 5/16
19	8855-1010	2	LOCKWASHER, 5/16
20	8866-2006	2	CONNECTOR (includes item 21)
21	8859-1205	5	O-RING
22	7713-3269	1	HOSE ASSY
23	9130-3064	1	WIRING HARNESS
24	7713-3146	1	HOSE ASSY
25	8866-2106	2	ELBOW, 90 DEGREES (swivel nut)
26	8866-1306	1	UNION TEE, 1/2 TUBE
27	9130-6032	1	INTERMEDIATE MEMBER
28	8866-2018	3	CONNECTOR (includes item 21)
29	9020-3384	2	ADAPTER
30	9104-1362	2	ORIFICE FITTING
31	9020-5870	4	SHIM (16 Ga.)
32	9103-1236	2	SPACER (.06 thick)
33	8820-1537	4	HEX HD CAPSCREW, 3/8-24x1-3/4, GR5
34	8820-1536	4	HEX HD CAPSCREW, 3/8-24X1-1/2, GR5
35	8856-1109	4	FLAT WASHER, 3/8
36	9103-3186	2	BEARING PAD
37	8866-2175	1	HEX HD PLUG (includes item 21)
38	8866-2105	4	ELBOW, 90 DEGREES (swivel nut)
39	9045-3018	1	DUAL COUNTERBALANCE VALVE
40	8820-1008	2	HEX HD CAPSCREW, 1/4-20X1-3/4, GR5
41	8856-1002	2	WASHER, 1/4
42	9045-3021	1	TUBE ASSY
43	9104-1356	6	SPACER
44	9104-3209	2	PINCH POINT DECAL
45	9015-3001	1	SERIAL NUMBER PLATE
46	8834-1022	4	DRIVE SCREW, #10X3/8
47	9103-3039	1	CHAIN CONNECTOR
48	9103-3038	1	CHAIN, 24"
49	9020-7662	1	6 CONTACT PLUG
50	8866-1013	2	MALE CONNECTOR, 1/2X1/2 TUBE
51	9020-4244	1	MALE TIP HYDRAULIC COUPLING
52	9104-3126	1	DUST CAP
53	9020-4245	1	FEMALE HYDRAULIC COUPLING
54	9104-3125	1	DUST CAP
55	8859-1204	4	O-RING
56	8866-2064	2	ELBOW, 90 DEGREES (includes item 55)



Item	Part No.	Qty.	Description Of Part
57	9020-4097	2	HOSE ASSY
58	7713-3201	2	HOSE ASSY
59	8866-2152	2	BRANCH TEE (includes item 55)
60	9104-1326	2	PIVOT PIN
61	8858-1136	4	SNAP RING
62		Ref	SWING CYLINDER (see page 13-13 for details)
63	9104-1324	2	PIVOT PIN
64	8867-1008	2	LUBE FITTING, STRAIGHT, 1/4-28
65	9104-1322	2	LOCKING PLATE
66	8320-1024	4	HEX HD CAPSCREW, 3/8-16X1, GR8
67	9114-6054	1	R.H. SUPPORT BRACKET
68	9114-1350	2	PIN
69	8863-1449	2	ROLL PIN, 1/8X1-1/2
70	9104-3221	2	DETENT PIN
71	9104-6062	1	PIVOT WELDMENT
72	9104-1325	2	PIVOT PIN
73	9104-1327	2	BUSHING
74	9104-1323	2	LOCKING PLATE
75	8320-1026	4	HEX HD CAPSCREW, 1/2-13X1-1/2, GR8
76	9114-6053	1	L.H. SUPPORT BRACKET
77	9130-6030	1	66" CARRIAGE WELDMENT
78		Ref	DUAL P.O. CHECK VALVE (see page 13-12 for details)
79	8820-1040	3	HEX HD CAPSCREW, 3/8-16X2-1/4, GR5
80	8855-1011	3	LOCKWASHER, 3/8
81	9108-1554	2	PIN
82	9130-1083	1	FORK PIN
83	9020-0003	2	COLLAR
84	8820-1105	2	HEX HD CAPSCREW, 5/8-11X4, GR5
85	8852-1310	2	LOCKNUT, 5/8-11
86	9020-4007	1	TUBE
87	9108-1577	1	TAP BOLT
88	8852-1016	1	STOVER LOCKNUT 1"
89	8850-1016	1	HEX NUT, 1"-8
90	0510-1441	1	WASHER, 1-1/16"
91		Ref	SWAY CYLINDER (see page 13-11 for details)



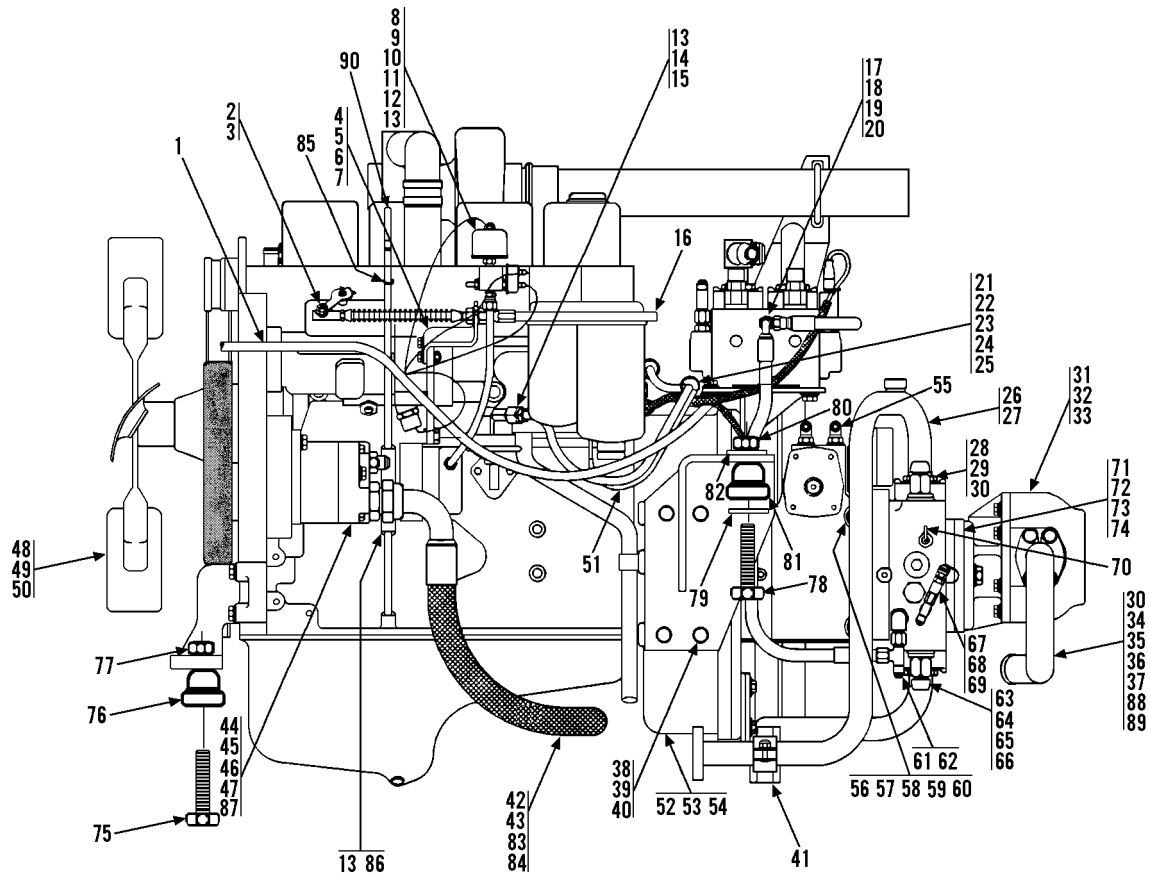
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9055-3011	1	SWINGFRAMEASSY, 180DEGREE, (includes all items)	40	9114-4225	2	HEX NUT, 5/16
	9114-4203	Ref	HOSE KIT, (includes items 34, 43, 45, 46, 47, 64 & 66)	41	8866-2064	4	ELBOW, 90 DEGREES, (includes item 42)
1	9114-4204	1	FORK BASE WELDMENT	42	8859-1204	6	O-RING
2	9114-4205	1	FORK PIN	43	9114-4226	1	HOSE ASSY
3	9114-4206	2	HEX NUT, 1/2	44	9114-4227	1	ELBOW, (swivel nut)
4	9120-4400	2	LOCKWASHER, 1/2	45	9114-4228	1	HOSE ASSY
5	9114-4207	2	COLLAR	46	9114-4229	1	HOSE ASSY
6	9114-4208	2	HEX HD CAPSCREW, 1/2X3-1/4, GR5	47	9114-4230	2	HOSE ASSY
7	9114-4209	8	SNAP RING	48	9104-4262	2	CYLINDER ASSY, (includes items 50 thru 60)
8	9114-4210	4	PIN	49	9114-4231	AR	CYLINDER SEAL KIT, (includes items 51, 52, 56, 57, 58 & 60)
9	9114-4211	1	HEAVY HEX JAM NUT, 3/4	50	9114-4232	1	TUBE ASSY
10	9114-4212	1	HEX HD CAPSCREW, 3/4X2, GR5	51		1	PIR RING
11	9104-4251	1	SHAFT	52		1	PISTON SEAL
12	9104-4242	2	PIN RETAINER	53	9114-4233	1	LOCKING SET SCREW
13	9120-4368	4	LOCKWASHER, 5/8	54	9114-4234	1	PISTON
14	9114-4213	4	HEX HD CAPSCREW, 5/8X1-1/4, GR5	55	9114-4235	1	ROD ASSY
15	9104-4243	1	INTERMEDIATE FRAME	56		1	O-RING
16	9104-4244	4	BRONZE BUSHING	57		1	BACK-UP RING
17	9104-4245	AR	SHIM	58		1	ROD SEAL
18	9114-4214	10	LUBE FITTING, STRAIGHT, 1/4	59	9114-4236	1	GLAND
19	9114-4215	2	HEX HD CAPSCREW, 1/4X3/4, GR5	60		1	ROD WIPER
20	9114-4216	2	LOCKWASHER, 1/4	61	9114-4237	4	SPERICAL BEARING
21	9114-4217	2	ACTUATOR LEAF	62	9104-3125	1	DUST CAP, MALE
22	9114-4218	2	SHIMACTUATOR	63	9020-4244	1	QUICK DISCONNECT HYDRAULIC FITTING, MALE
23	9114-4219	1	FLAT HD CAPSCREW, 2X1/4	64	9114-4238	1	HOSE ASSY
24	9104-4249	2	THRUST BEARING	65	9114-4239	2	HEX HD CAPSCREW, 5/16X3-1/4, GR5
25	9104-4250	2	LUBRICATION COLLAR	66	9114-4240	1	HOSE ASSY
26	9104-4241	1	SHAFT	67	8697-1355	2	ELBOW, 90 DEGREES, LONG, (includes item 42)
27	9114-4220	1	FIXED FRAME	68		2	CHAIN CONNECTION
28	9114-1350	2	PIN	69	9114-4241	1	CHAIN, 18"
29	9114-4221	4	SOCKET SET SCREW, (cup point), 1/4X3/8	70	9114-4242	2	DETENT PIN
30	9114-6053	1	PIN SUPPORT, L.H.	71	9114-4243	1	LOCK-LINK ASSY, (includes items 72 thru 75)
31	9114-6054	1	PIN SUPPORT, R.H.	72	9114-4244	1	CHAIN, 7"
32	9104-3126	1	DUST CAP, FEMALE	73	9114-4245	1	LOCK-LINK WELDMENT
33	9020-4245	1	QUICK DISCONNECT HYDRAULIC FITTING, FEMALE	74	9114-4246	1	CLEVIS
34	8866-1013	2	STRAIGHT FITTING	75	9114-4247	1	DETENT PIN
35	9114-4222	1	HOSE ASSY	76	8866-2062	6	ELBOW, 90 DEGREES, (includes item 77)
36	9120-4563	2	ELBOW, 90 DEGREES, (includes item 36)	77	8859-1203	6	O-RING
37		2	O-RING				
38	9114-4223	2	HEX HD CAPSCREW, 5/16X3, GR5				
39		Ref	SWING VALVE ASSY, (see page 13-18 for details)				
39	9114-4224	4	LOCKWASHER, 5/16				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.



NOTE: FORKS RATED LESS THAN THE ATTACHMENT OR MACHINE'S CAPACITY DECREASE CAPACITY OF THE ATTACHMENT OR MACHINE TO THAT OF THE FORKS. FORKS RATED MORE THAN THE ATTACHMENT OR MACHINE'S CAPACITY DO NOT INCREASE ATTACHMENT OR MACHINE'S CAPACITY.

NOTE: PLEASE CONSULT THE GRADALL PARTS DEPARTMENT TO DETERMINE THE CORRECT FORKS APPLICABLE TO YOUR SPECIFIC CARRIAGE ASSEMBLY AND APPLICATION.

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9060-0390	2	48" CUBING FORK, 2X2, 3000 lbs., (B, C & D series)		9055-3018	2	72" PALLET FORK, 2X6, 10,000 lbs., (B, C & D series)
	9060-1819	2	48" PALLET FORK, 1-3/4X6, 9000 lbs., (B, C & D series)		9112-3132	2	72" PALLET FORK, 2X6, 10,000 lbs., (B, C & D series)
	9045-3002	2	48" PALLET FORK, 2X4, 8000 lbs., (B, C & D series)		9060-0832	2	48" PALLET FORK, 2-1/4X8, 16,000 lbs., (used on the 542, 552, & 554)
	9055-3005	2	48" PALLET FORK, 2X6, 10,000 lbs., (B, C & D series)		9060-1873	2	48" PALLET FORK, 2-1/4X7, 15,000 lbs., (used on the 542, 552, & 554)
	9055-3008	2	48" PALLET FORK, 1-3/4X4, 5000 lbs., (used on 6' swing mast only, P/N 9045-5047)		9060-0833	2	60" PALLET FORK, 2-1/4X8, 16,000 lbs., (used on the 542, 552 & 554)
	9060-1015	2	60" PALLET FORK, 2X6, 10,000 lbs., (B, C & D series)		9060-1219	2	60" PALLET FORK, 2-1/2X8, 16,000 lbs., (used on the 542, 552 & 554)
	9116-3269	2	60" PALLET FORK, 2X6, 11,300 lbs., (B, C & D series)		9060-1874	2	60" PALLET FORK, 2-1/4X7, 15,000 lbs., (used on the 542, 552 & 554)
	9045-3045	2	60" PALLET FORK, 2X6, 11,300 lbs., (used on 6' swing mast only, P/N 9045-5054)		H045-3002	2	96" PALLET FORK, 2X6, 7500 lbs. loaded center, (B, C & D series)
					9055-3018	2	72" PALLET FORK, 2X6, 10,000 lbs., (B, C & D series)



534C-9

(9114-3174 CUMMINS ENGINE)

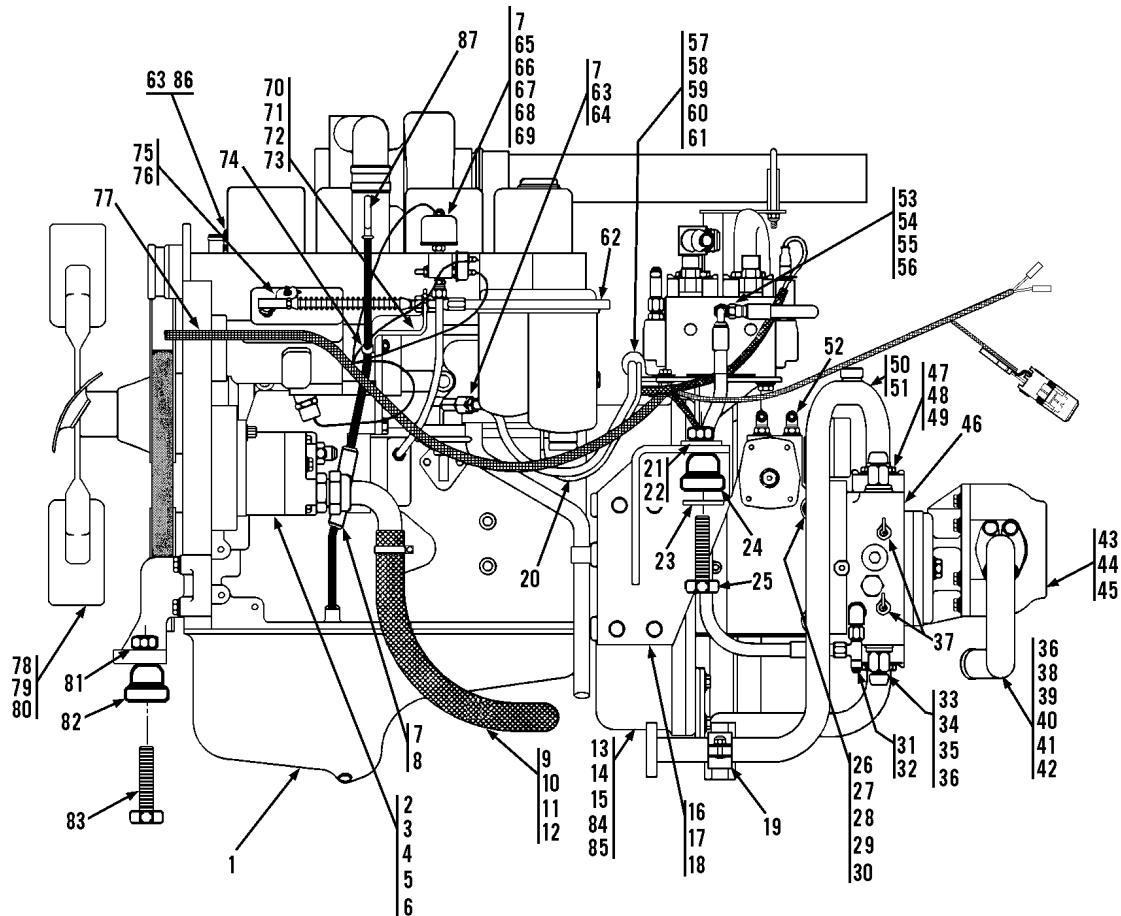
Part No.	Description Of Part
9108-5053	ENGINE FILTER KIT (includes the following items)
9020-6262	AIR FILTER
9108-4001	OIL FILTER
7738-3202	FUEL FILTER (primary)
7738-3203	FUEL FILTER (secondary)
9108-3218	FUEL FILTER (I/L)

534C-10

(9115-3001 CUMMINS ENGINE)

Part No.	Description Of Part
9116-5020	ENGINE FILTER KIT (includes all items)
9115-4001	AIR FILTER
9108-4001	OIL FILTER
7738-3202	FUEL FILTER (primary)
7738-3203	FUEL FILTER (secondary)
9108-3218	FUEL FILTER (I/L)

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-5126	Ref	ENGINE ASSY (534C-9) (includes all items except 75 thru 82 on page 5-1, and all items on page 5-2)	48	9114-3043	1	FAN ASSY
	9115-5002	Ref	ENGINE ASSY (534C-10) (includes all items except 75 thru 82 on page 5-1, and all items on page 5-2)	49	8319-1039	4	HEX HD CAPSCREW, M8X1.25X80
1	9114-3192	1	ENGINE WIRING HARNESS	50	8856-1108	4	WASHER, 5/16
2	9002-7908	1	BALL JOINT	51	9108-3403	56"	FUEL LINE HOSE, 7/32"
3	8850-1613	1	HEX NUT, #10-32	52	8821-1068	8	SOCKET HD CAPSCREW, 3/8-16X5/8 (torque to 40 ft.lbs.)
4	9114-1317	1	THROTTLE CABLE BRACKET	53	8855-1011	8	LOCKWASHER, 3/8
5	8820-1005	2	HEX HD CAPSCREW, 1/4-20X1, GR5	54	9114-3013	1	PUMP MOUNT & FLYWHEEL COUPLING (includes the following)
6	8855-1009	2	LOCKWASHER, 1/4		9108-4311	1	FLEX PLATE
7	8850-1616	2	HEX NUT, 1/4-20		9108-4312	1	COUPLER
8	2474-1047	1	PRESSURE SWITCH	55	9002-7906	2	STRAIGHT THREAD ELBOW, 90 DEGREE
9	9103-3246	1	OIL PRESSURE SENDER	56	8866-2018	1	STRAIGHT THREAD CONNECTOR (includes o-ring)
10	9108-1388	1	TAPPED BAR		8859-1205	1	O-RING
11	8688-3075	2	TUBE FITTING	57	8866-2242	1	SWIVEL NUT RUN TEE, 3/4 TUBE (not illustrated)
12		18"	NYLON TUBE, 3/8"	58	8365-1133	1	REDUCER W/ADAPTER (not illust)
13	9002-7187	5	TY-RAP	59	8866-2240	1	SWIVEL NUT RUN TEE, 1/2 TUBE (not illustrated)
14	8209-2118	45"	FUEL LINE HOSE, 5/16	60	8866-2008	1	STRAIGHT THREAD CONNECTOR (includes o-ring) (not illustrated)
15	9003-0271	1	HOSE NIPPLE		8859-1207	1	O-RING (not illustrated)
16	9114-3112	1	THROTTLE CABLE	61	9108-3222	1	STRAIGHT THREAD REDUCING CONNECTOR
17	7713-3447	1	HOSE ASSY	62	8866-2239	1	SWIVEL NUT RUN TEE, 3/8 TUBE
18	8859-1206	1	O-RING	63	8866-2011	1	STRAIGHT THREAD CONNECTOR (includes o-ring)
19	9108-3306	1	STRAIGHT THREAD CONNECTOR, (includes item 18)		8859-1210	1	O-RING
20	8866-2239	1	SWIVEL NUT RUN TEE, 3/8 TUBE	64	9114-3087	1	INTAKE TUBE
21	8820-1020	2	HEX HD CAPSCREW, 5/16-18X1, GR5	65	9114-3143	1	HOSE
22	2486-1170	2	SUPPORT CLAMP	66	9002-8695	1	BAND CLAMP
23	9002-8660	2	SUPPORT CLAMP	67	8866-2222	1	SWIVEL NUT BRANCH TEE, 1/4
24	8850-1005	2	HEX NUT, 5/16-18	68	8866-2003	1	STRAIGHT THREAD CONNECTOR, (includes o-ring)
25	8855-1010	2	LOCKWASHER, 5/16		8859-1202	1	O-RING
26	9114-3055	1	TUBE ASSY	69	9114-3177	1	TEST COUPLING
27	9108-3106	1	O-RING	70	9105-3020	1	TEST COUPLING
28	8471-2738	2	SPLIT FLANGE CLAMP	71		Ref	HYDROSTATIC TRANSMISSION PUMP (see page 10-18 for details)
29	8320-1135	4	HEX HD CAPSCREW, 7/16-14X1-1/2	72	8820-1112	2	HEX HD CAPSCREW, 3/4-10X2-1/4, GR5) (torque to 240-265 ft.lbs.)
30	8855-1012	8	LOCKWASHER, 7/16	73	9002-7473	2	HARDENED WASHER, 3/4
31		Ref	MAIN HYDRAULIC PUMP (see page 10-17 for details)	74	9114-4002	1	O-RING
32	8820-1095	2	HEX HD CAPSCREW, 5/8-11X1-1/2, GR5	75	9114-3131	1	HEX HD CAPSCREW, M12X1.75X90
33	9002-7472	2	HARDENED WASHER, 5/8	76	9114-3030	1	SHOCK MOUNT
34	8859-1027	1	O-RING	77	8378-3028	1	HEX NUT
35	9114-3121	1	SUCTION TUBE	78	8820-1075	2	HEX HD CAPSCREW, 1/2-13X3-1/2, GR5
36	8471-1334	2	FLANGE CLAMP	79	9114-3032	2	REBOUND WASHER
37	8820-1051	4	HEX HD CAPSCREW, 7/16-14X1-1/4, GR5	80	8852-1008	2	LOCKNUT, 1/2-13
38	9114-6021	1	LEFT ENGINE MOUNT	81	9114-3031	2	SHOCK MOUNT
39	8319-1032	4	HEX HD CAPSCREW, M12X1.75X35	82	8856-1111	2	FLAT WASHER, 1/2
40	8319-1010	4	LOCKWASHER, M12	83	8063-3030	1	HOSE CLAMP
41	9020-5792	1	CUSHION CLAMP	84	9114-3183	1	TUBE ASSY
42	9114-3176	1	STRAIGHT THREAD ADAPTER	85	8584-1094	1	SUPPORT CLAMP
43	9114-3184	1	HOSE ASSY	86	9108-3493	4"	HIGH TEMPERATURE LOOM
44	8866-2019	1	STRAIGHT THREAD ADAPTER (includes o-ring)	87	8667-1112	1	GASKET
	8859-1206	1	O-RING	88	9114-3185	1	HOSE ASSY
45		Ref	HYDRAULIC GEAR PUMP (see page 10-19 for details)	89	9002-8482	1	HOSE CLAMP
46	8319-1040	2	SOCKET HD CAPSCREW, M10X1.5X30	*90	9112-4125	1	DIPSTICK
47	8319-1013	2	LOCKWASHER, M10				



534C-9

(9114-5117 CUMMINS ENGINE)

Part No.	Description Of Part
9108-5053	ENGINE FILTER KIT (includes the following items)
9020-6262	AIR FILTER
9108-4001	OIL FILTER
7738-3202	FUEL FILTER (primary)
7738-3203	FUEL FILTER (secondary)
9108-3218	FUEL FILTER (I/L)

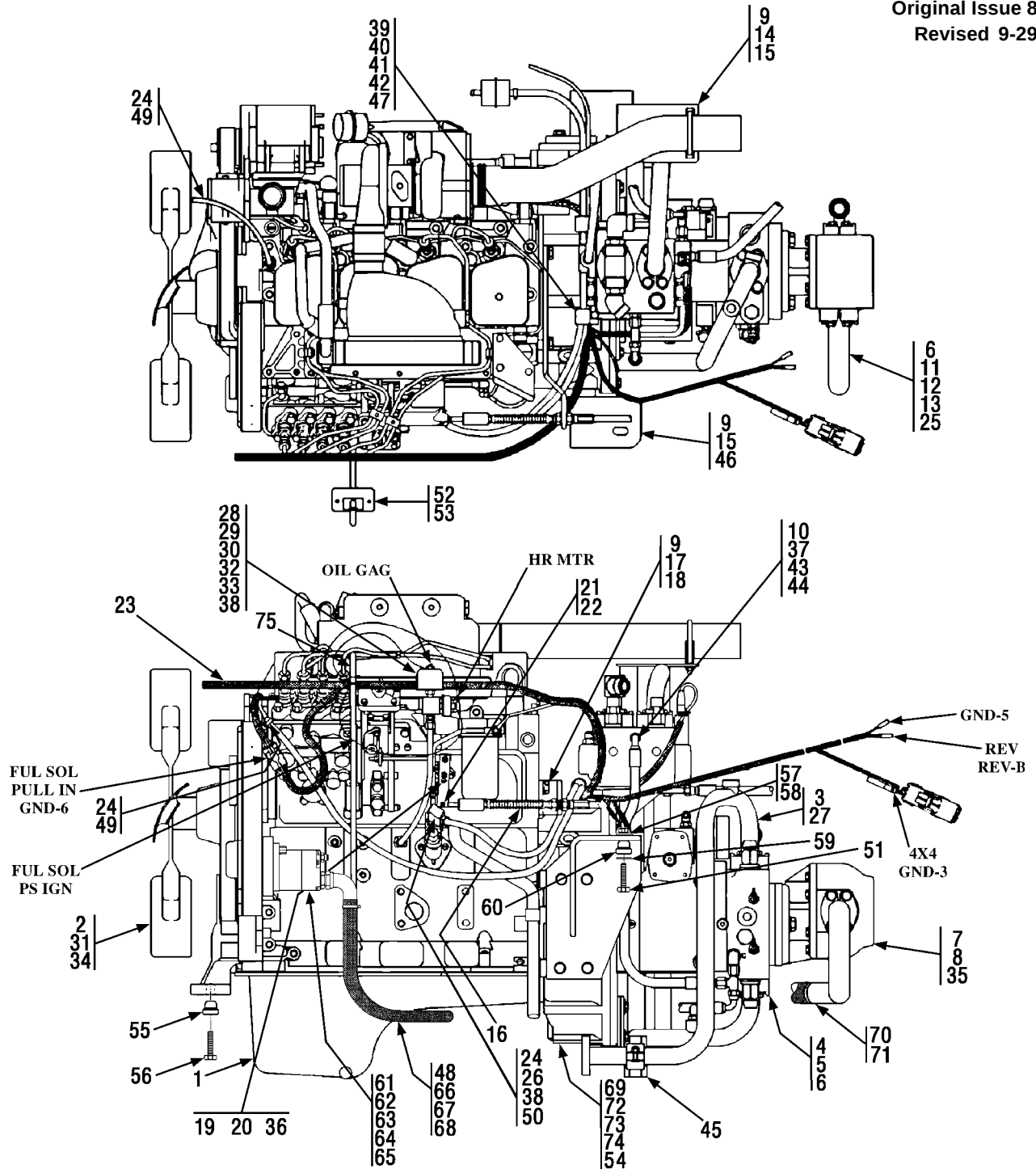
534C-10

(9115-5006 CUMMINS ENGINE)

Part No.	Description Of Part
9116-5020	ENGINE FILTER KIT (includes the following items)
9115-4001	AIR FILTER
9108-4001	OIL FILTER
7738-3202	FUEL FILTER (primary)
7738-3203	FUEL FILTER (secondary)
9108-3218	FUEL FILTER (I/L)

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-5117	Ref	ENGINE ASSY (534C-9) (includes all items except 21 thru 25, 81, 82 & 83 on page 5-1, and all items on page 5-2)	37	9105-3020	2	TEST COUPLING
	9115-5006	Ref	ENGINE ASSY (534C-10) (includes all items except 21 thru 82, 81, 82 & 83 on page 5-1, and all items on page 5-2)	38	8855-1012	8	LOCKWASHER, 7/16
1	9114-3174	1	CUMMINS ENGINE, 4BT3.9 (C-9)	39	8859-1027	1	O-RING
	9115-3001	1	CUMMINS ENGINE, 4BTA3.9 (C-10)	40	9114-3121	1	SUCTION TUBE
2	8866-2019	1	CONNECTOR (includes o-ring)	41	8471-1334	2	FLANGE CLAMP
	8859-1206	1	O-RING	42	8820-1051	4	HEX HD CAPSCREW, 7/16-14X1-1/4, GR5
3		Ref	GEAR PUMP (see page 10-19 for details)	43		Ref	MAIN PUMP (see page 10-17 for details)
4	8319-1040	2	SOCKET HD CAPSCREW, M10X1.5X30	44	8820-1095	2	HEX HD CAPSCREW, 5/8-11X1-1/2, GR5
5	8319-1013	2	LOCKWASHER, M10	45	9002-7472	2	HARDENED WASHER, 5/8
6	8667-1112	1	GASKET	46		Ref	HYDROSTATIC TRANS. PUMP (see page 10-18 for details)
7	9002-7187	5	TY-RAP	47	8471-2738	2	SPLIT FLANGE CLAMP
8		4"	SPLIT FLEX LOOM, 1/2 I.D.	48	8320-1135	4	HEX HD CAPSCREW, 7/16-14X1-1/2
9	9114-3176	1	STRAIGHT THREAD CONNECTOR	49	8855-1012	8	LOCKWASHER, 7/16
10	9114-3184	1	HOSE ASSY	* 50	9116-3122	1	TUBE ASSY
11	8063-3030	1	HOSE CLAMP	51	9108-3106	1	O-RING
12	9114-3183	1	TUBE ASSY	52	9002-7906	2	ELBOW, 90 DEGREES
13	9114-3013	1	PUMP MOUNT & FLYWHEEL COUPLING (includes the following)	53	8866-2239	1	SWIVEL NUT RUN TEE, 3/8 TUBE
	9108-4311	1	FLEX PLATE	54	8859-1206	1	O-RING
*	9108-4312	1	COUPLING (bolts included)	55	7713-3447	1	HOSE ASSY
14	8821-1068	8	SOCKET HD CAPSCREW, 3/8-16X5/8	56	9108-3306	1	STRAIGHT THREAD CONNECTOR
15	8855-1011	8	LOCKWASHER, 3/8	57	8820-1020	2	HEX HD CAPSCREW, 5/16-18X1
16	9114-6021	1	LEFT ENGINE MOUNT	58	2486-1170	2	SUPPORT CLAMP
17	8319-1032	4	HEX HD CAPSCREW, M12X1.75X35	59	9002-8660	2	SUPPORT CLAMP
18	8319-1010	8	LOCKWASHER, M12	60	8850-1005	2	HEX NUT, 5/16-18
19	9020-5792	1	CUSHION CLAMP	61	8855-1010	2	LOCKWASHER, 5/16
20		56"	FUEL LINE HOSE, 7/32"	62	9108-3404	1	ACCELERATOR CABLE
21	8852-1008	2	LOCK NUT, 1/2-13	63		59"	FUEL LINE HOSE, 5/16
22	8856-1111	2	FLAT WASHER, 1/2	64	9003-0271	1	HOSE NIPPLE
23	9114-3032	2	REBOUND WASHER	65	2474-1047	1	PRESSURE SWITCH
24	9114-3031	2	SHOCK MOUNT	66	9103-3246	1	OIL PRESSURE SENDER
25	8820-1075	2	HEX HD CAPSCREW, 1/2-13X3-1/2, GR5	67	9108-1388	1	TAPPED BAR
26	8866-2018	1	CONNECTOR (includes o-ring) (not shown)	68	8688-3075	2	TUBE FITTING
	8859-1205	1	O-RING	69		18"	NYLON TUBE, 3/8
27	8866-2242	1	SWIVEL NUT RUN TEE, 3/4 TUBE (not shown)	70	9114-1317	1	THROTTLE CABLE BRACKET
28	8365-1133	1	REDUCER W/ADAPTER (not shown)	71	8820-1005	2	HEX HD CAPSCREW, 1/4-20X1, GR5
29	8866-2240	1	SWIVEL NUT RUN TEE, 1/2 TUBE (not shown)	72	8855-1009	2	LOCKWASHER, 1/4
30	8866-2008	1	CONNECTOR (includes O-ring) (not shown)	73	8855-1616	2	HEX NUT, 1/4-20
	8859-1207	1	O-RING	74	8584-1094	1	SUPPORT CLAMP
31	9108-3222	1	STRAIGHT THREAD REDUCING CONNECTOR	75	9002-7908	1	BALL JOINT
32	8866-2239	1	SWIVEL NUT RUN TEE, 3/8 TUBE	76	8850-1613	1	HEX NUT, #10-32
33	8866-2011	1	STRAIGHT THREAD CONNECTOR (includes o-ring)	77	9114-3192	1	WIRING HARNESS
	8859-1210	1	O-RING	78	9114-3043	1	FAN ASSY
34	9114-3087	1	INTAKE TUBE	79	8319-1039	4	HEX HD CAPSCREW, M8X1.25X80
35	9114-3143	1	HOSE ASSY	80	8856-1108	4	FLAT WASHER, 5/16
36	9002-8695	3	BAND CLAMP	81	8378-3028	1	HEX NUT
				82	9114-3030	1	SHOCK MOUNT
				83	9114-3131	1	HEX HD CAPSCREW, M12X1.75X90
				84	8820-1112	2	HEX HD CAPSCREW, 3/8-16X5/8, GR5
				85	9002-7473	2	HARDENED WASHER, 5/8
				86	8688-3106	2	HOSE CLAMP
				* 87	9112-4125	1	DIPSTICK
							NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

* Added breakdown of item 13, added item 87.



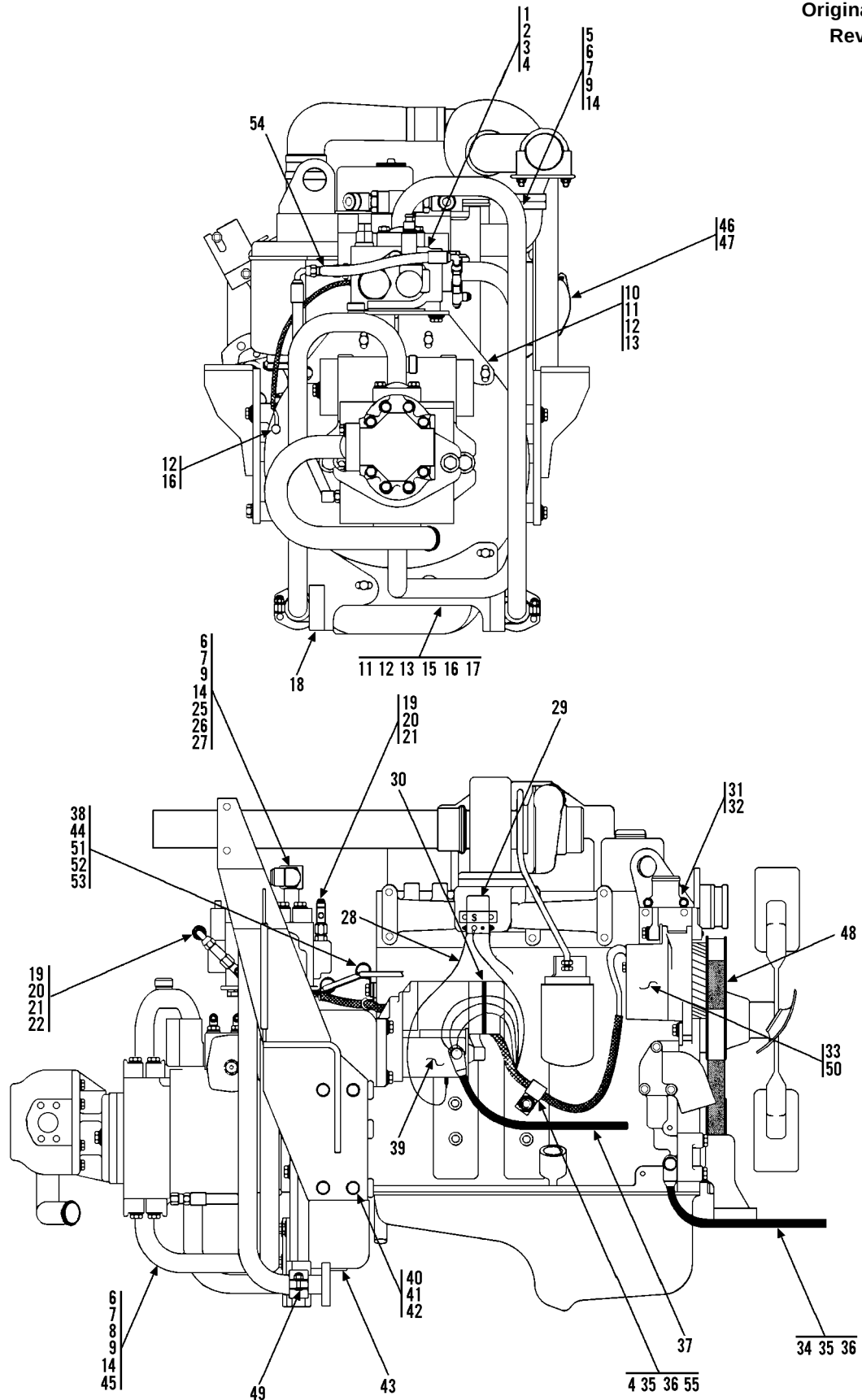
534C-9/534C-10

(9114-5132 C-9 CUMMINS ENGINE ASSY)
(9115-5040 C-10 CUMMINS ENGINE ASSY)

Part No.	Description Of Part
9136-5008	ENGINE FILTER KIT (includes the following items)
9115-4001	AIR FILTER
9108-3218	FUEL FILTER
7738-3303	FUEL FILTER
9108-4001	LUBE FILTER

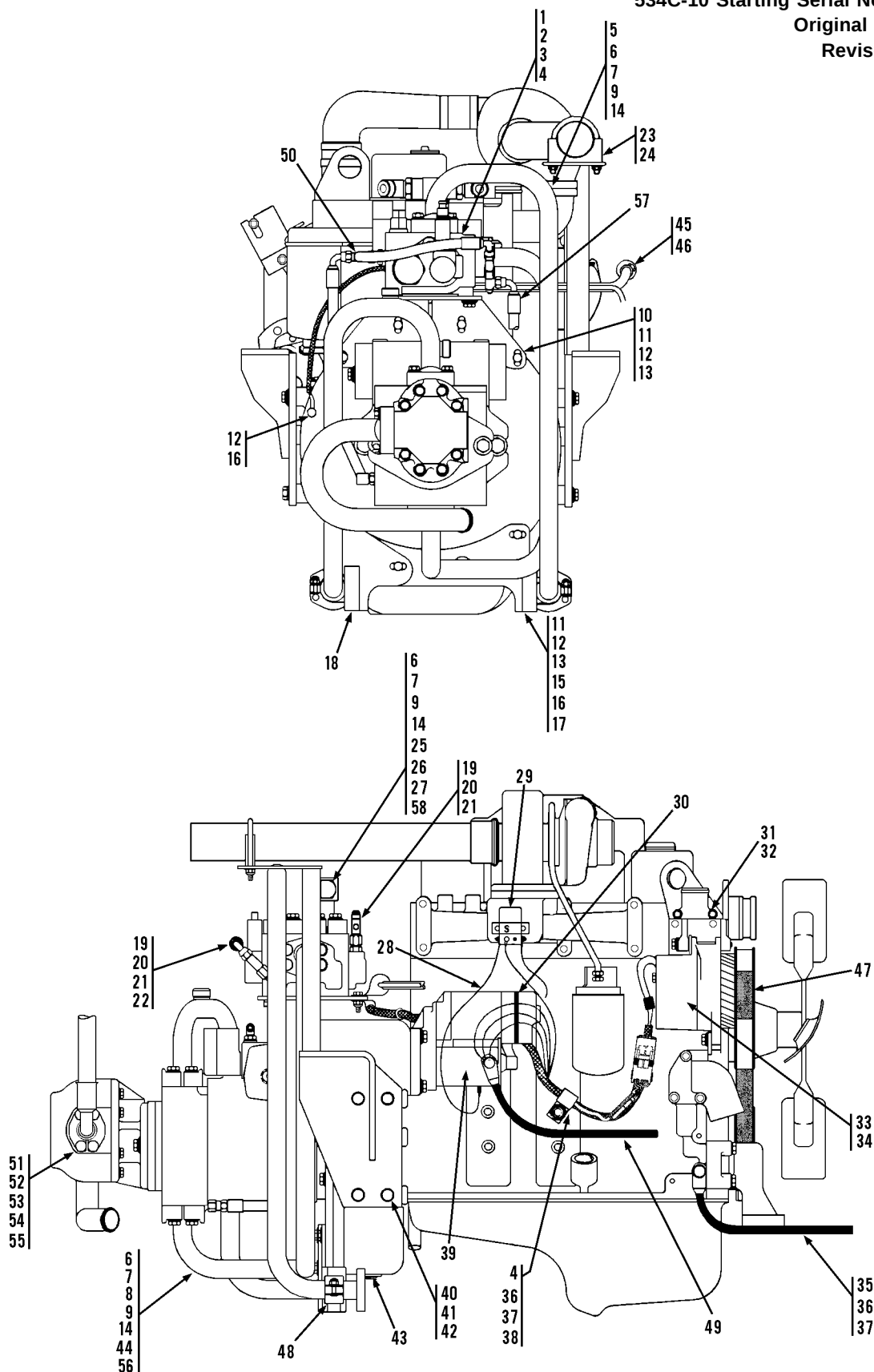
* Added item 75.

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-5132	Ref	ENGINE ASSY (534C-9) (includes items 1 thru 49 & 61 thru 68 on page 5-1 and all items on page 5-2)	36	9116-1310	1	THROTTLE BAR
	9115-5040	Ref	ENGINE ASSY (534C-10) (includes items 1 thru 49 & 61 thru 68 on page 5-1 and all items on page 5-2)	37	8859-1206	1	O-RING
1		1	B3. 9C-110 EPA ENGINE (C-9)	38	9002-7187	3	TY-RAP
		1	B3. 9C-116 EPA ENGINE (C-10)	39	8820-1020	2	HEX HD CAPSCREW, 5/16-18X1, GR5
2	9114-3329	1	FAN ASSY	40	2486-1170	2	SUPPORT CLAMP
3	9116-3122	1	TUBE ASSY	41	8594-1017	2	SUPPORT CLAMP
4	8471-2738	2	SPLIT FLANGE CLAMP	42	8850-1005	2	HEX NUT, 5/16-18
5	8320-1135	4	HEX HD CAPSCREW, 7/16X14-1 1/2, GR8	43	7713-3447	1	HOSE ASSY
6	8855-1012	8	LOCKWASHER, 7/16	44	9108-3306	1	CONNECTOR (includes item 37)
7		Ref	MAIN PUMP (see page 10-17 for details)	45	9020-5792	1	CUSHION CLAMP
8	8820-1095	2	HEX HD CAPSCREW, 5/8-11X1-1/2, GR5	46	9114-6021	1	L.H. ENGINE MOUNT
9	8319-1010	10	LOCKWASHER, M12	47	8855-1010	2	LOCKWASHER, 5/16
10	8866-2239	1	SWIVEL NUT RUN TEE, 3/8 TUBE	48	9114-3183	1	TUBE ASSY
11	8859-1027	1	O-RING	49	8688-3106	3	HOSE CLAMP
12	9114-3121	1	SUCTION TUBE	50	8698-3649	1	ELBOW, 90 DEGREES, 1/4 PIPE
13	8471-1334	2	FLANGE CLAMP	51	8820-1075	1	HEX HD CAPSCREW, 1/2-13X3-1/2, GR5
14	9114-6056	1	R.H. ENGINE MOUNT	52	8026-3012	2	WHIZ LOC SCREW, 1/4-20X1/2
15	8319-1032	8	HEX HD CAPSCREW, M12X1.75X35 (lubricate and torque to 58-68 ft.lbs.)	53	9114-6101	1	DIPSTICK WELDMENT
16	9116-3260	1	ACCELERATOR CABLE	54	9002-7473	2	HARDENED WASHER, 3/4
17	9116-1313	1	THROTTLE BRACKET	55	9114-3030	1	SHOCK MOUNT
18	8319-1004	2	HEX HD CAPSCREW, M12X1.75X30	56	9114-3131	1	HEX HD CAPSCREW, M12X1.25X90
19	8319-1012	2	LOCKWASHER, M6	57	8852-1008	1	LOCKNUT, 1/2-13
20	8319-1035	2	SOCKET HD CAPSCREW, M6X1.00X16	58	8856-1111	1	FLAT WASHER, 1/2
21	9114-3345	1	BALL SOCKET	59	9114-3032	1	REBOUND WASHER
22	9114-3344	1	OVER TRAVEL	60	9114-3031	1	SHOCK MOUNT
23	9114-3302	1	WIRING HARNESS	61		Ref	HYD PUMP (see page 10-19 for details)
24		119"	FUEL HOSE, 5/16	62	8866-2019	1	STR THD CONNECTOR
25	8820-1051	4	HEX HD CAPSCREW, 7/16-14X1-1/4, GR5	63	8319-1040	2	SOC HD CAPSCREW, M10X1.5X30
26	9003-0271	1	HOSE NIPPLE	64	8319-1013	2	LOCKWASHER, M10
27	9108-3106	1	O-RING	65	8667-1112	1	GASKET
28	2474-1047	1	PRESSURE SWITCH	66	9114-3176	1	STR THD CONNECTOR
29	9114-3315	1	OIL PRESSURE SENDER	67	9114-3184	1	HOSE
30	9108-1388	1	TAPPED BAR	68	8063-3030	1	HOSE CLAMP
31	8319-1041	4	HEX HD CAPSCREW, M8X1.25X70	69	9114-3013	1	PUMP MOUNT FLYWHEEL COUPLING (includes the following)
32	8688-3075	2	TUBE FITTING	70	9002-8695	3	BAND CLAMP
33		28"	NYLON TUBE	71	9114-3185	1	HOSE ASSY
34	8856-1108	4	WASHER, 5/16	72	8821-1068	8	SOC HD CAPSCREW, 3/8-16X5/8
35	9002-7472	2	HARDENED WASHER, 5/8	73	8855-1011	8	LOCKWASHER, 3/8
				74	8820-1112	2	HEX HD CAPSCREW, 3/8-16X5/8, GR5
				* 75	9112-4125	1	DIPSTICK
							NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.



* Changed quantity on items 4, 35, 36 & 44, changed part numbers on items 10, 38, 40 & added items 51 thru 55.

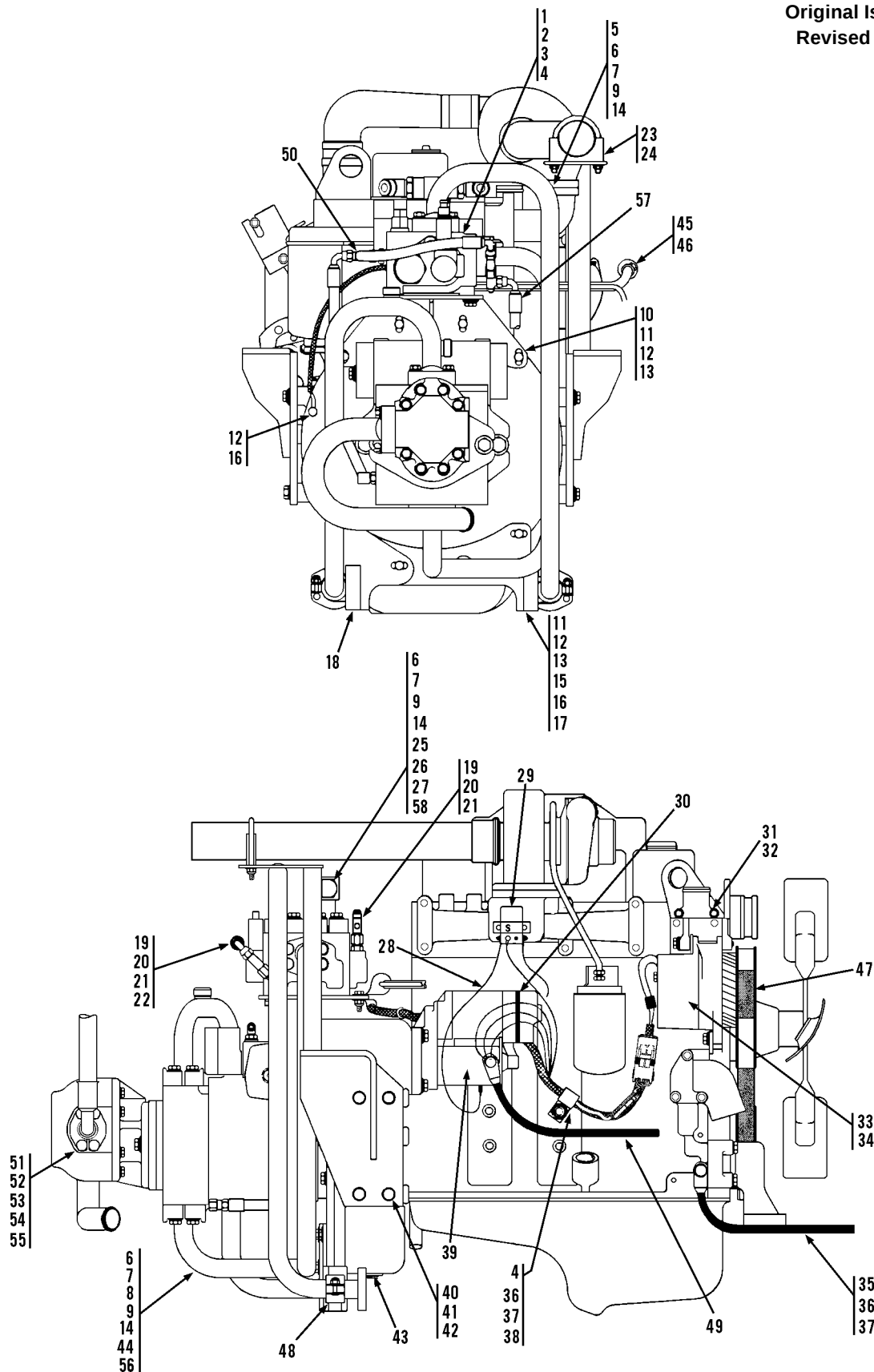
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-5126	Ref	ENGINE ASSY (534C-9) (includes all items on page 5-2, and all items except 75 thru 82 on page 5-1)	26	8866-2421	2	MALE ELBOW, 45 DEGREES, (includes item 27)
	9115-5002	Ref	ENGINE ASSY (534C-10) (includes all items on page 5-2, and all items except 75 thru 82 on page 5-1)	27	8859-1020	2	O-RING
1		Ref	TRACTION LOCK VALVE (see page 10-21 for details)	28	9020-5205	1	JUMPER WIRE
2	8820-1066	2	HEX HD CAPSCREW, 1/2-13X1-1/4, GR5	29	9040-2427	1	STARTER SOLENOID
3	8855-1013	2	LOCKWASHER, 1/2	30	9002-7187	1	TY-RAP
* 4	8856-1111	3	FLAT WASHER, 1/2	31	9020-6124	1	WATER TEMP. SENDER
5	9108-3418	1	TUBE ASSY	32	8871-1384	1	REDUCER BUSHING
6	9108-3106	4	O-RING	33	9108-3503	1	ALTERNATOR (includes item 50)
7	8471-2738	8	SPLIT FLANGE CLAMP	34	9114-3124	1	NEGATIVE BATTERY CABLE
8	8320-1135	4	HEX HD CAPSCREW, 7/16-14X1-1/2	* 35	8319-1004	2	HEX HD CAPSCREW, M12X1.75X30
9	8855-1012	16	LOCKWASHER, 7/16	* 36	8319-1010	2	LOCKWASHER, M12
* 10	9114-6058	1	FLOW DIVIDER BRACKET	37	9114-3099	1	POSITIVE BATTERY CABLE
11	8319-1006	5	HEX HD CAPSCREW, M10X1.5X40	* 38	2486-1170	2	SUPPORT CLAMP
12	8319-1013	12	LOCKWASHER, M10	39	9108-3456	1	STARTER
13	8856-1109	6	FLAT WASHER, 3/8	* 40	9114-6056	1	RIGHT ENGINE MOUNT
14	8320-1155	12	HEX HD CAPSCREW, 7/16-14X1-3/4	41	8319-1032	4	HEX HD CAPSCREW, M12X1.75X35
15	9108-6130	1	TUBE SUPPORT	42	8319-1010	4	LOCKWASHER, M12
16	8319-1021	5	HEX HD CAPSCREW, M10X1.5X30	43	8871-1284	1	PIPE PLUG, 3/4
17	8319-1005	2	HEX HD CAPSCREW, M10X1.5X45	* 44	9002-8660	2	SUPPORT CLAMP
18	9108-6131	1	TUBE SUPPORT	45	9114-3054	1	TUBE ASSY
19	8866-2239	2	SWIVEL NUT RUN TEE, 3/8 TUBE	46	8348-3497	1	HOSE CLAMP
20	8859-1204	2	O-RING	47	9108-3218	1	FUEL FILTER (I/L)
21	8866-2005	2	CONNECTOR (includes item 20)	48	9108-4162	1	FAN BELT
22	8866-2224	1	SWIVEL NUT BRANCH TEE, 3/8 TUBE	49	9020-5792	1	CUSHION CLAMP
23	8368-3175	1	MUFFLER CLAMP	50	9108-3504	1	REGULATOR
24	9114-6037	1	EXHAUST TUBE	* 51	8820-1020	2	HEX HD CAPSCREW, 5/16-18X1, GR5
25	9108-3266	1	TUBE ASSY	* 52	8850-1005	2	HEX NUT, 5/16-18
				* 53	8855-1010	2	LOCKWASHER, 5/16
				* 54	8471-8349	1	HOSE ASSY
				* 55	9114-3122	1	SUPPORT CLAMP, 5/8"



* Changed quantities on items 6, 26 & 27, added item 58.

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-5117	Ref	ENGINE ASSY (534C-9) (includes all items on page 5-2, and all items except 21 thru 25, 81, 82 & 83, on page 5-1)	* 26	8866-2421	1	ELBOW, 45 DEGREES (includes item 27)
	9115-5006	Ref	ENGINE ASSY (534C-10) (includes all items on page 5-2, and all items except 21 thru 25, 81, 82 & 83, on page 5-1)	* 27	8859-1207	2	O-RING
1		Ref	TRACTION LOCK VALVE (see page 10-21 for details)	28	9020-5205	1	JUMPER WIRE
2	8820-1066	2	HEX HD CAPSCREW, 1/2-13X1-1/4, GR5	29	9040-2427	1	STARTER SOLENOID
3	8855-1013	2	LOCKWASHER, 1/2	30	9002-7187	1	TIE WRAP
4	8856-1111	3	FLAT WASHER, 1/2	31	9020-6124	1	WATER TEMP. SENDER
5	9108-3418	1	TUBE ASSY	32	8871-1384	1	REDUCER BUSHING
* 6	9108-3106	4	O-RING	33	9108-3503	1	ALTERNATOR (includes item 34)
7	8471-2738	8	SPLIT FLANGE CLAMP	34	9108-3504	1	REGULATOR
8	8320-1135	4	HEX HD CAPSCREW, 7/16-14X1-1/2	35	9114-3124	1	NEGATIVE BATTERY CABLE
9	8320-1155	12	HEX HD CAPSCREW, 7/16-14X1-3/4	36	8319-1004	2	HEX HD CAPSCREW, M12, 1.75X30
10	9114-6058	1	FLOW DIVIDER BRACKET	37	8319-1010	2	LOCKWASHER, M12
11	8319-1006	5	HEX HD CAPSCREW, M10X1.5X40	38	9114-3122	1	SUPPORT CLAMP
12	8319-1013	12	LOCKWASHER, M10	39	9108-3456	1	STARTER
13	8856-1109	7	FLAT WASHER, 3/8	40	9114-6056	1	R.H. ENGINE MOUNT
14	8855-1012	16	LOCKWASHER, 7/16	41	8319-1032	4	HEX HD CAPSCREW, M12X1.75X35
15	9108-6130	1	TUBE SUPPORT	42	8319-1010	4	LOCKWASHER, M12
16	8319-1021	5	HEX HD CAPSCREW, M10X1.5X30	43	8871-1284	1	PIPE PLUG, 3/4
17	8319-1005	2	HEX HD CAPSCREW, M10X1.5X45	44	9116-3201	1	TUBE ASSY
18	9108-6131	1	TUBE SUPPORT	45	9108-3218	1	STRAINER
19	8859-1204	2	O-RING	46	8348-3497	1	HOSE CLAMP
20	8866-2005	2	CONNECTOR (includes item 19)	47	9108-4162	1	FAN BELT
21	8866-2239	2	SWIVEL NUT RUN TEE, 3/8 TUBE	48	9020-5792	1	CUSHION CLAMP
22	8866-2224	1	SWIVEL NUT BRANCH TEE, 3/8 TUBE	49	9114-3099	1	POSITIVE BATTERY CABLE
23	9114-6037	1	EXHAUST TUBE	50	8471-8349	1	HOSE ASSY
24	8368-3175	1	MUFFLER CLAMP	51	8471-8369	1	HOSE ASSY
25	9108-3266	1	TUBE ASSY	52	8471-1333	2	SPLIT FLANGE CLAMP
				53	8859-1024	1	O-RING
				54	8820-1036	4	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5
				55	8855-1011	4	LOCKWASHER, 3/8
				56	9002-7906	1	ELBOW, 90 DEGREES
				57	8471-8425	1	HOSE ASSY
				* 58	8866-2332	1	ELBOW, 90 DEGREES (includes item 27)

* Changed quantities on items 6, 26 & 27, added item 58.



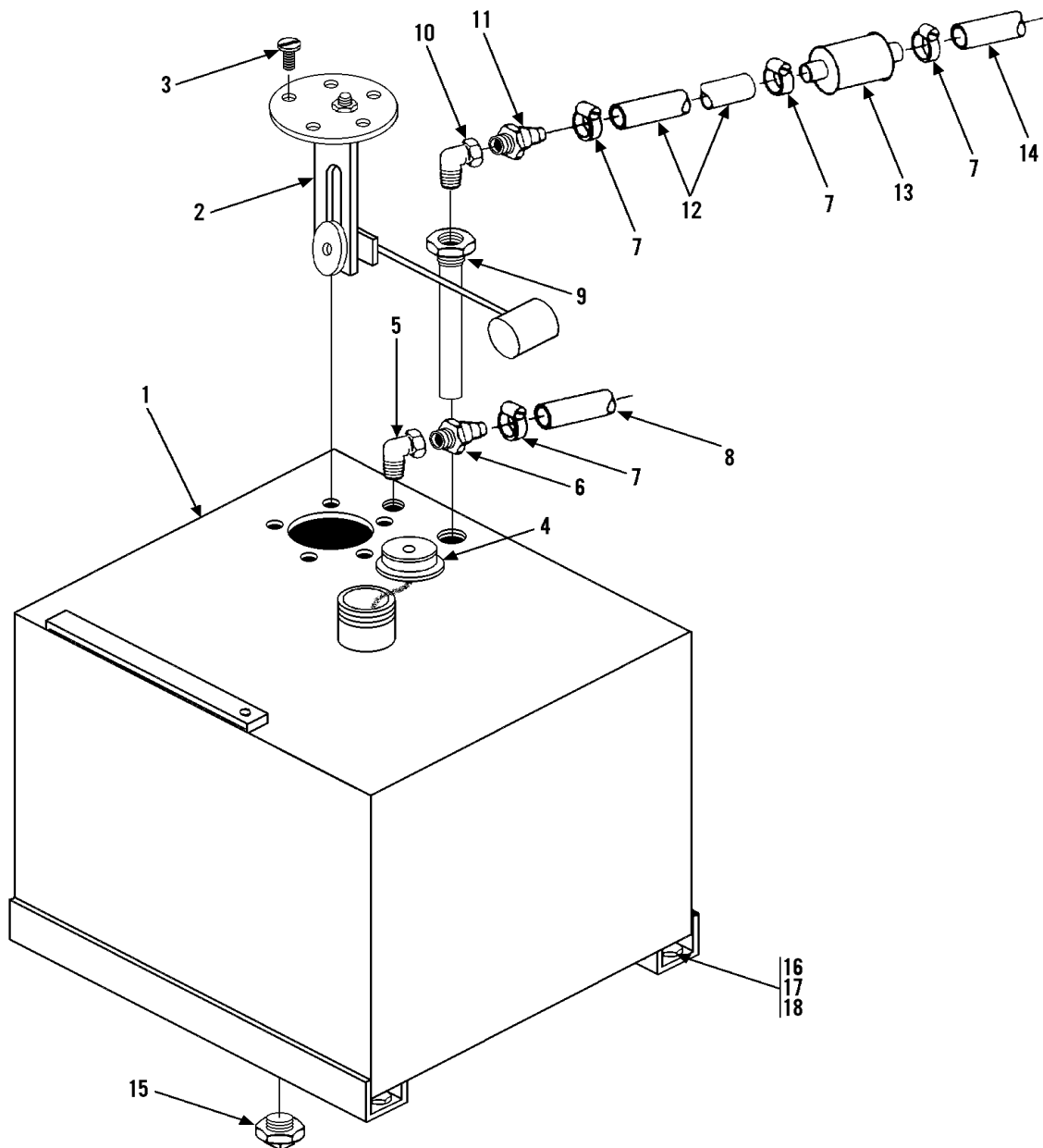
534C-9/534C-10

(9114-5132 C-9 CUMMINS ENGINE ASSY)

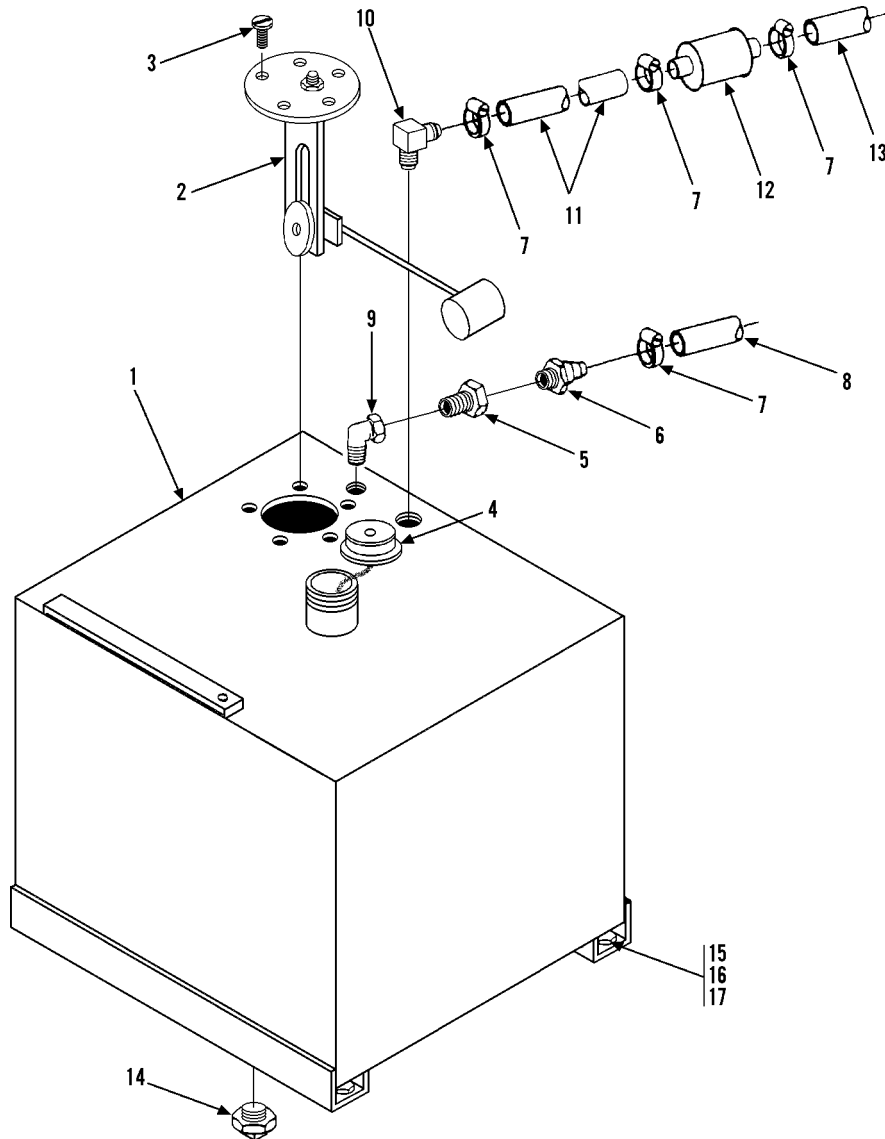
(9115-5040 C-10 CUMMINS ENGINE ASSY)

Part No.	Description Of Part
9136-5008	ENGINE FILTER KIT (includes the following items)
9115-4001	AIR FILTER
9108-3218	FUEL FILTER
7738-3303	FUEL FILTER
9108-4001	LUBE FILTER

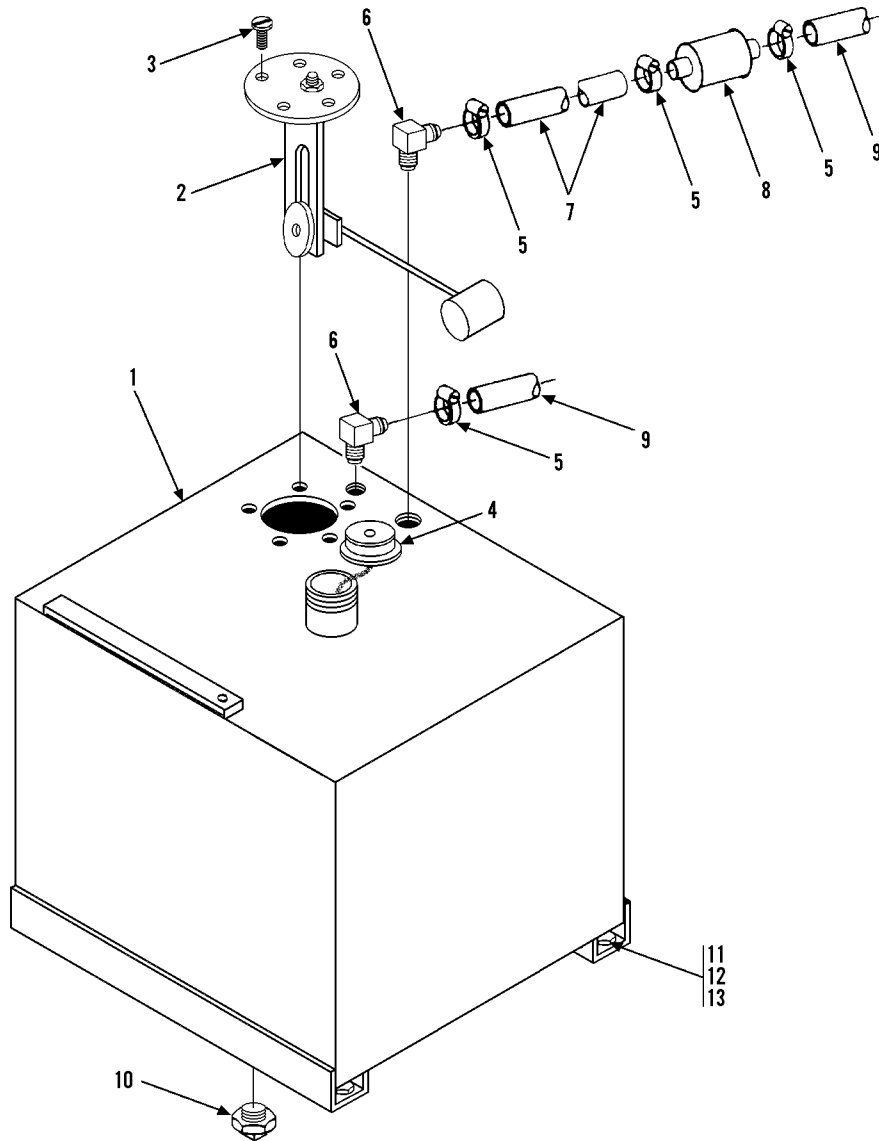
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-5132	Ref	ENGINE ASSY (534C-9) (includes all items on page 5-2, and all items except 50 thru 60 & 69 thru 75 on page 5-1)	26	8866-2421	1	ELBOW, 45 DEGREES (includes item 27)
	9115-5040	Ref	ENGINE ASSY (534C-10) (includes all items on page 5-2, and all items except 50 thru 60 & 69 thru 75 on page 5-1)	27	8859-1207	2	O-RING
1		Ref	TRACTION LOCK VALVE (see page 10-21 for details)	28	9114-1506	1	JUMPER WIRE
2	8820-1066	2	HEX HD CAPSCREW, 1/2-13X1-1/4, GR5	29	9040-2427	1	STARTER SOLENOID
3	8855-1013	2	LOCKWASHER, 1/2	30	9002-7187	1	TIE WRAP
4	8856-1111	3	FLAT WASHER, 1/2	31	9114-3314	1	WATER TEMP. SENDER
5	9108-3418	1	TUBE ASSY	32	8871-1385	1	REDUCER BUSHING
6	9108-3106	4	O-RING	33	9108-3503	1	ALTERNATOR (includes item 34)
7	8471-2738	8	SPLIT FLANGE CLAMP	34	9108-3504	1	REGULATOR
8	8320-1135	4	HEX HD CAPSCREW, 7/16-14X1-1/2	35	9114-3124	1	NEGATIVE BATTERY CABLE
9	8320-1155	12	HEX HD CAPSCREW, 7/16-14X1-3/4	36	8319-1004	2	HEX HD CAPSCREW, M12, 1.75X30
10	9114-6058	1	FLOW DIVIDER BRACKET	37	8319-1010	2	LOCKWASHER, M12
11	8319-1006	5	HEX HD CAPSCREW, M10X1.5X40	38	9114-3122	1	SUPPORT CLAMP
12	8319-1013	12	LOCKWASHER, M10	39	9108-3456	1	STARTER
13	8856-1109	7	FLAT WASHER, 3/8	40	9114-6056	1	R.H. ENGINE MOUNT
14	8855-1012	16	LOCKWASHER, 7/16	41	8319-1032	4	HEX HD CAPSCREW, M12X1.75X35
15	9108-6130	1	TUBE SUPPORT	42	8319-1010	4	LOCKWASHER, M12
16	8319-1021	5	HEX HD CAPSCREW, M10X1.5X30	43	8871-1284	1	PIPE PLUG, 3/4
17	8319-1005	2	HEX HD CAPSCREW, M10X1.5X45	44	9116-3201	1	TUBE ASSY
18	9108-6131	1	TUBE SUPPORT	45	9108-3218	1	FUEL FILTER (I/L)
19	8859-1204	2	O-RING	46	8348-3497	1	HOSE CLAMP
20	8866-2005	2	CONNECTOR (includes item 19)	47	9108-4162	1	FAN BELT
21	8866-2239	2	SWIVEL NUT RUN TEE, 3/8 TUBE	48	9020-5792	1	CUSHION CLAMP
22	8866-2224	1	SWIVEL NUT BRANCH TEE, 3/8 TUBE	49	9114-3099	1	POSITIVE BATTERY CABLE
23	9114-6037	1	EXHAUST TUBE	50	8471-8349	1	HOSE ASSY
24	8368-3175	1	MUFFLER CLAMP	51	8471-8369	1	HOSE ASSY
25	9108-3266	1	TUBE ASSY	52	8471-1333	2	SPLIT FLANGE CLAMP
				53	8859-1024	1	O-RING
				54	8820-1036	4	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5
				55	8855-1011	4	LOCKWASHER, 3/8
				56	9002-7906	1	ELBOW, 90 DEGREES
				57	8471-8425	1	HOSE ASSY
				58	8866-2332	1	ELBOW, 90 DEGREES (includes item 27)



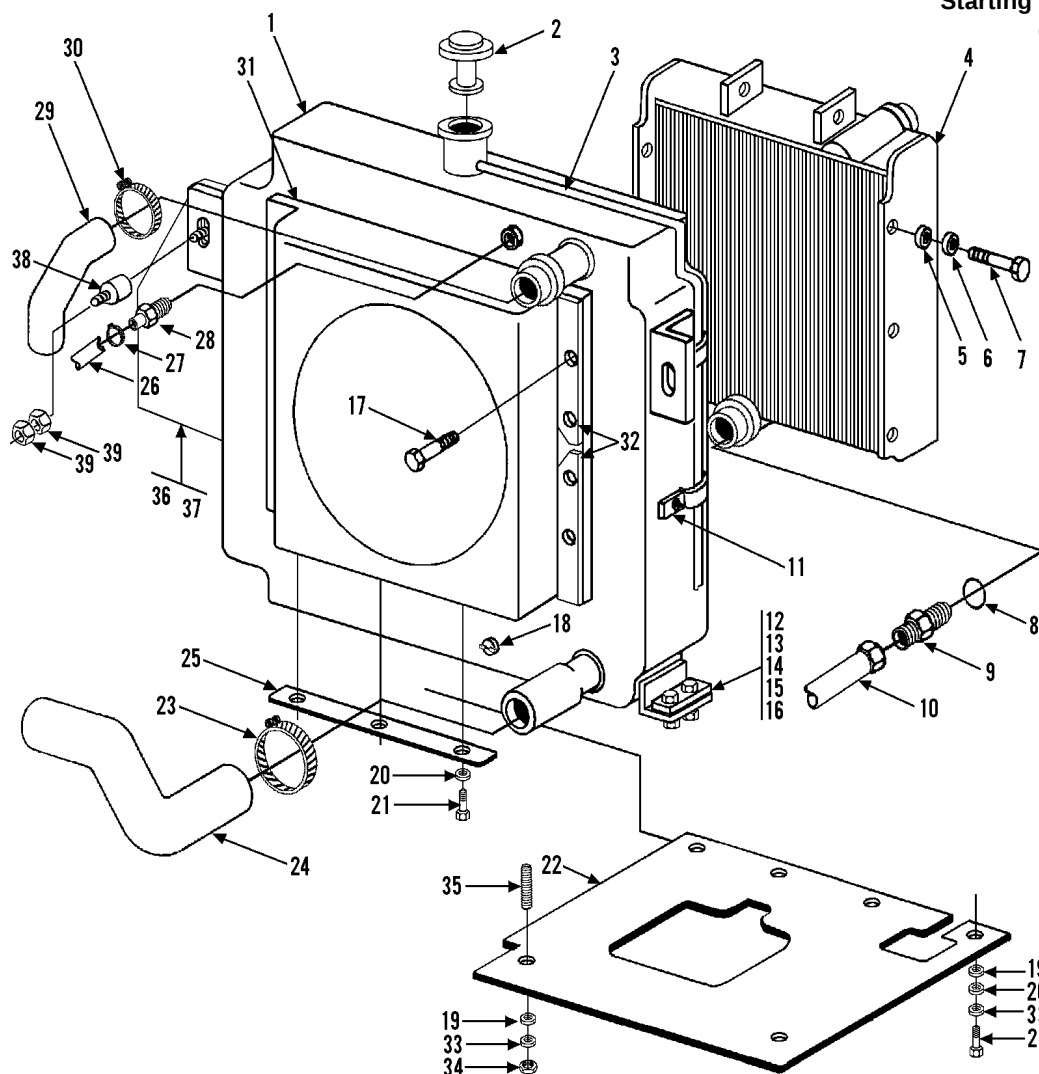
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9108-5016	1	FUEL TANK ASSY (includes items 1 thru 6, 9, 10, 11 & 15)	10	8871-2013	1	STREET ELBOW, 90 DEGREES, 3/8
	9108-3323	1	FUEL TANK (includes items 4 & 15)	11	9002-7331	1	HOSE NIPPLE
2	9040-0654	1	FUEL SENDER (includes item 3)	12		8"	FUEL LINE HOSE, 3/8 I.D.
3		5	SCREW	13	9108-3218	1	FUEL FILTER (1/L)
4	8654-1381	1	FUEL TANK CAP (w/chain)	14		41"	FUEL LINE HOSE, 5/16 I.D.
5	8871-2011	1	STREET ELBOW, 90 DEGREES, 1/8	15	8871-1283	1	HEX SOCKET PIPE PLUG, 1/2
6	8874-1805	1	HOSE NIPPLE	16	8820-1095	4	HEX HD CAPSCREW, 5/8-11X1-1/2, GR5
7	8348-3497	4	HOSE CLAMP	17	8856-1008	4	WASHER, 5/8
8		52"	FUEL LINE HOSE, 7/32 I.D.	18	8855-1015	4	LOCKWASHER, 5/8
9	7738-6065	1	PICK-UP TUBE				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.



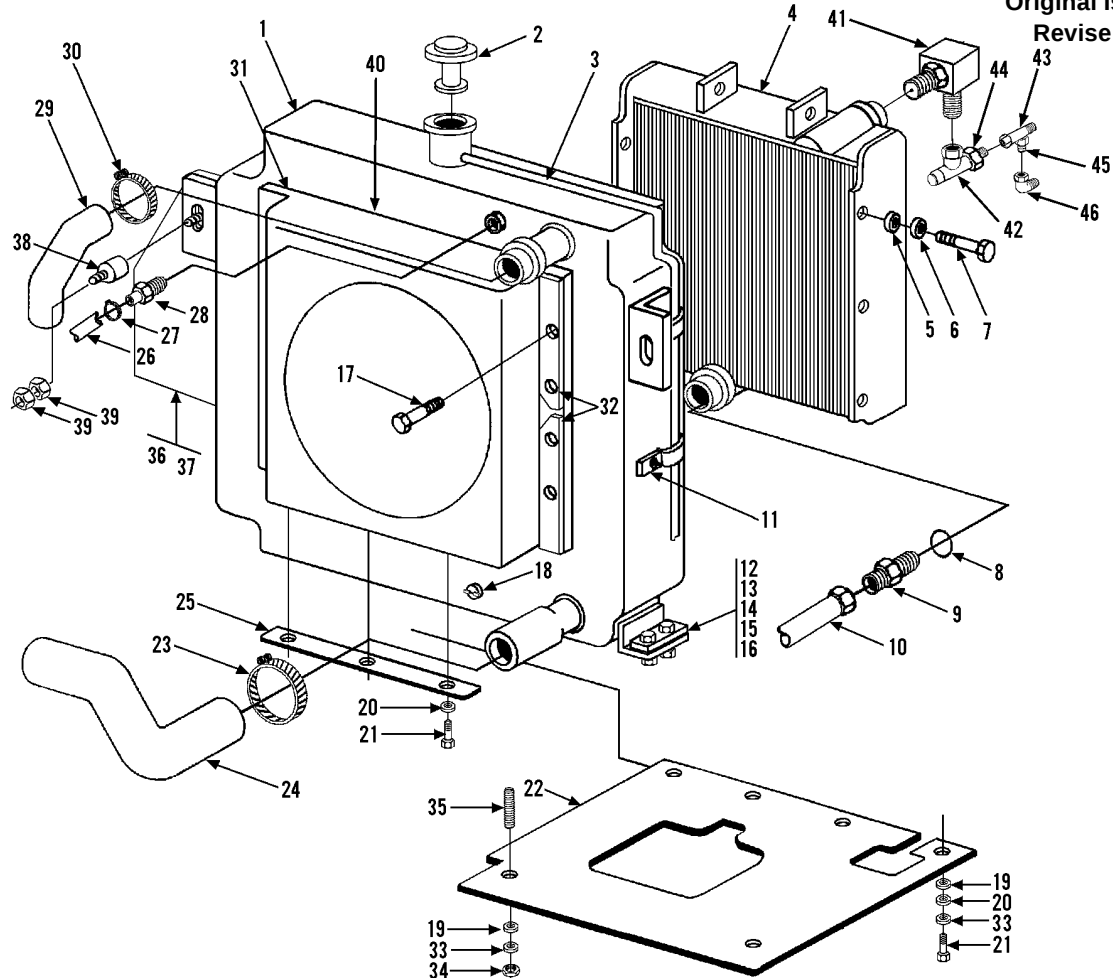
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
*	9108-5016	1	FUEL TANK ASSY, (includes items 1 thru 6, 9, 10 & 14)	11		8"	FUEL LINE HOSE, 3/8 I.D.
1	9108-3501	1	FUEL TANK, (includes items 4 & 14)	12	9108-3218	1	FUEL FILTER, (I/L)
2	9040-0654	1	FUEL SENDER, (includes item 3)	13		41"	FUEL LINE HOSE, 5/16 I.D.
3		5	SCREW	14	8871-1283	1	HEX SOCKET PIPE PLUG, 1/2
4	8654-1381	1	FUEL TANK CAP, (w/chain)	15	8820-1095	4	HEX HD CAPSCREW, 5/8-11X1-1/2, GR5
5	8871-1385	1	REDUCING BUSHING, 1/2X1/8	16	8856-1008	4	WASHER, 5/8
6	8874-1805	1	HOSE NIPPLE	17	8855-1015	4	LOCKWASHER, 5/8
7	8348-3497	4	HOSE CLAMP				
8		52"	FUEL LINE HOSE, 7/32 I.D.				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.
* 9	8871-2011	1	STREET ELBOW, 90 DEGREES, 1/8				
10	8471-2746	1	HOSE NIPPLE, 90 DEGREES, 1/2X3/8				



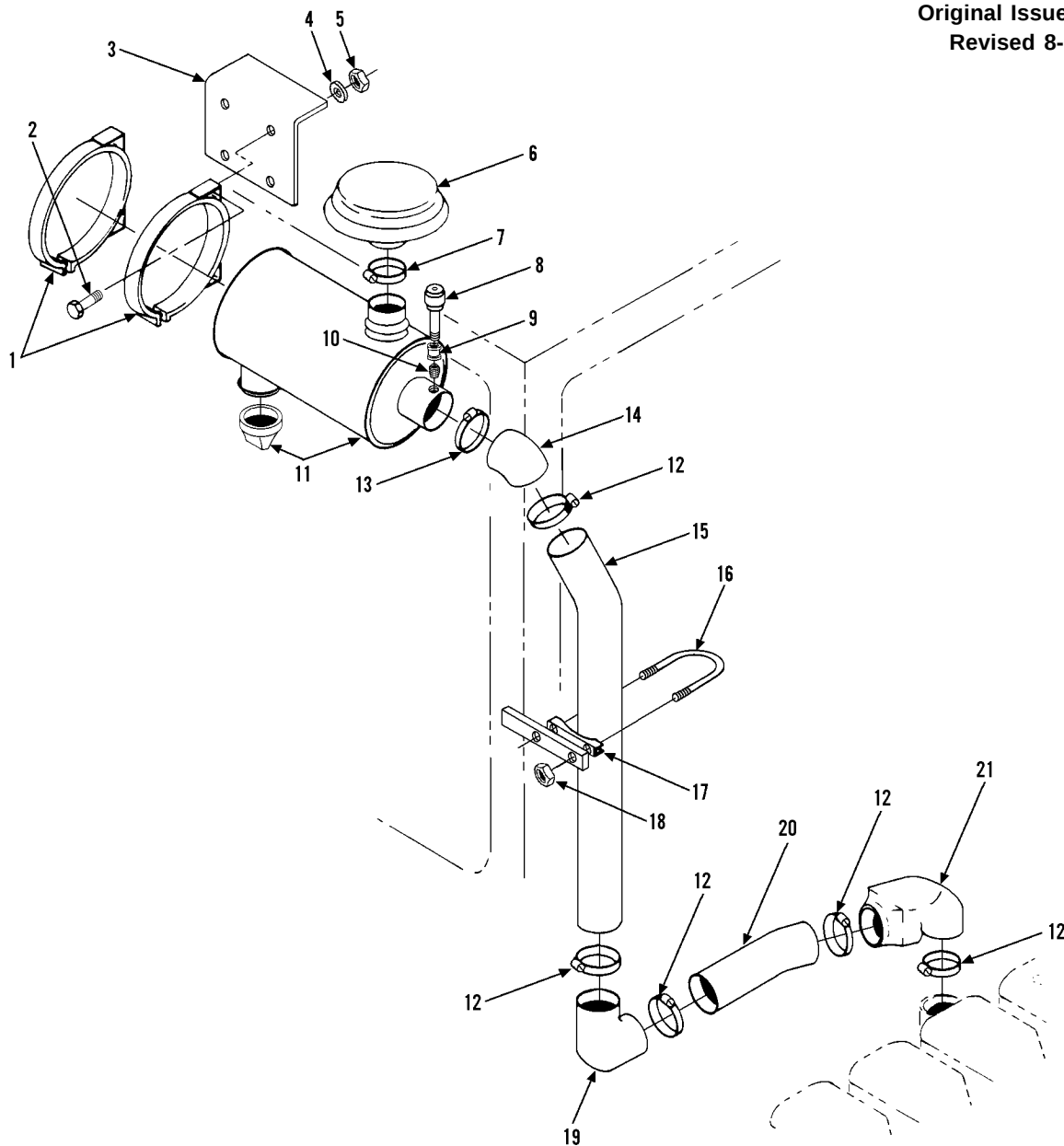
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
*	9115-5016	1	FUEL TANK ASSY, (includes items 1 thru 4 & 6)	9		105"	FUEL LINE HOSE, 5/16 I.D.
* 1	9115-3031	1	FUEL TANK, (includes items 4 & 10)	10	8871-1283	1	HEX SOCKET PIPE PLUG, 1/2
2	9114-3316	1	FUEL SENDER, (includes item 3)	11	8820-1095	4	HEX HD CAPSCREW, 5/8-11X1-1/2, GR5
* 3	9108-3491	5	GASKETED SCREW, #10-32	12	8856-1008	4	WASHER, 5/8
4	8654-1381	1	FUEL TANK CAP, (w/chain)	13	8855-1015	4	LOCKWASHER, 5/8
5	8348-3497	4	HOSE CLAMP				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.
6	8471-2746	2	HOSE NIPPLE - 90 DEGREES, 1/2X3/8				
7		8"	FUEL LINE HOSE, 5/16 I.D.				
8	9108-3218	1	FUEL FILTER, (I/L)				



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-5013	1	RADIATOR ASSY (includes items 1 thru 7, 11, 17, 18 & 31)	21	8820-1020	4	HEX HD CAPSCREW, 5/16-18X1, GR5
1	9114-3028	1	RADIATOR (includes item 2)	22	9114-3139	1	DUST SHIELD
2	9114-4008	1	RADIATOR CAP	*23	8688-3327	2	HOSE CLAMP
3		38"	HOSE, 5/16 I.D.	24	9114-3045	1	LOWER RADIATOR HOSE
4	9114-3029	1	OIL COOLER	25	9114-1231	1	FLAT BAR
5	8855-1011	6	LOCKWASHER, 3/8	26		14"	HOSE, 5/16 I.D.
6	8856-1109	6	FLAT WASHER, 3/8	27	8348-3497	2	HOSE CLAMP
7	8820-1034	6	HEX HD CAPSCREW, 3/8-16X7/8, GR5	28	9003-0271	1	FITTING
8	8859-1210	1	O-RING	29	9115-3012	1	UPPER RADIATOR HOSE
9	8866-2028	1	CONNECTOR (includes item 8)	30	8507-1128	2	HOSE CLAMP
10	8471-8480	1	HOSE ASSY	31	9114-1104	1	RADIATOR SHROUD
11	8594-1016	2	SUPPORT CLAMP	32	9114-1322	4	CLAMP BAR
12	8368-3308	4	MOUNTING PAD	33	8856-1111	3	FLAT WASHER, 1/2
13	9020-5918	4	WASHER	34	8850-1005	2	HEX NUT
14	8820-1037	4	HEX HD CAPSCREW, 3/8-16X1-1/2, GR5	35	7714-3004	2	WHIZ LOCK SCREW, 5/16-18X1-3/4
15	8856-1109	4	FLAT WASHER, 3/8	36	9114-1103	1	L.H. RADIATOR MOUNT
16	8852-1206	4	LOCKNUT		9114-1102	1	R.H. RADIATOR MOUNT
17	7714-3003	8	WHIZ-LOK SCREW, 5/16-18X5/8	37	8561-1278	2	WELD STUD
18	8452-1056	1	DRAIN COCK	38	9103-3137	2	SHOCK MOUNT
19	8856-1003	3	FLAT WASHER, 5/16	39	7714-3006	4	WHIZ LOCK NUT, 5/16-18
20	8855-1010	4	LOCKWASHER, 5/16				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

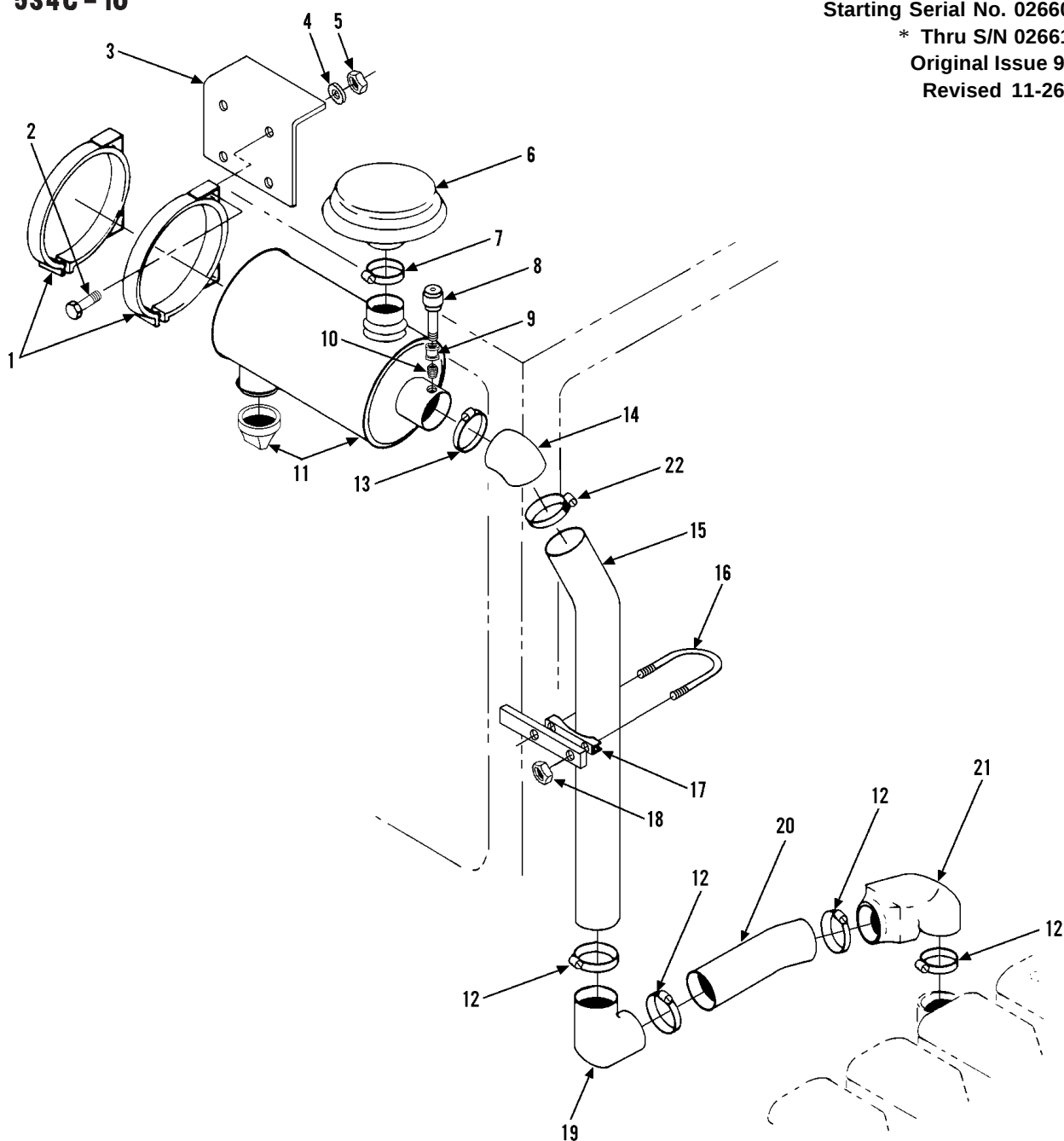


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-5131	1	RADIATOR ASSY (includes items 1 thru 9, 11, 17, 18, 28, 31, 32 & items 40 thru 46)	24	9114-3045	1	LOWER RADIATOR HOSE
1	9114-3328	1	RADIATOR (includes item 2)	25	9114-1231	1	FLAT BAR
2	9114-4008	1	RADIATOR CAP	26		14"	HOSE, 5/16 I.D.
3		38"	HOSE, 5/16 I.D.	27	8688-3106	2	HOSE CLAMP
4	9114-3029	1	OIL COOLER	28	9003-0271	1	FITTING
5	8855-1011	6	LOCKWASHER, 3/8	29	9115-3012	1	UPPER RADIATOR HOSE
6	8856-1109	6	FLAT WASHER, 3/8	30	8507-1128	2	HOSE CLAMP
7	8820-1034	6	HEX HD CAPSCREW, 3/8-16X7/8, GR5	31	9114-1485	1	RADIATOR SHROUD
8	8859-1210	1	O-RING	32	9114-1322	4	CLAMP BAR
9	8866-2028	1	CONNECTOR (includes item 8)	33	8856-1111	3	FLAT WASHER, 1/2
10	8471-8480	1	HOSE ASSY	34	8850-1005	2	HEX NUT
11	8594-1016	2	SUPPORT CLAMP	35	7714-3004	2	WHIZ LOCK SCREW, 5/16-18X1-3/4
12	8368-3308	4	MOUNTING PAD	36	9114-1103	1	L.H. RADIATOR MOUNT
13	9020-5918	4	WASHER		9114-1102	1	R.H. RADIATOR MOUNT
14	8820-1037	4	HEX HD CAPSCREW, 3/8-16X1-1/2, GR5	37	8561-1278	2	WELD STUD
15	8856-1109	4	FLAT WASHER, 3/8	38	9103-3137	2	SHOCK MOUNT
16	8852-1206	4	LOCKNUT	39	7714-3006	4	WHIZ LOCK NUT, 5/16-18
17	7714-3003	8	WHIZ-LOK SCREW, 5/16-18X5/8	40		52"	GASKA TAPE
18	8452-1056	1	DRAIN COCK	41	8362-3032	1	ELBOW
19	8856-1003	3	FLAT WASHER, 5/16	42	8692-1327	1	TEE
20	8855-1010	4	LOCKWASHER, 5/16	43	8866-2240	1	SWIVEL NUT RUN TEE
21	8820-1020	4	HEX HD CAPSCREW, 5/16-18X1, GR5	44	9103-3230	1	REDUCER
22	9114-3139	1	DUST SHIELD	45	8688-3469	1	REDUCER
23	8688-3327	2	HOSE CLAMP	46	8866-2105	1	ELBOW, 90 DEGREES (swivel nut)
				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			

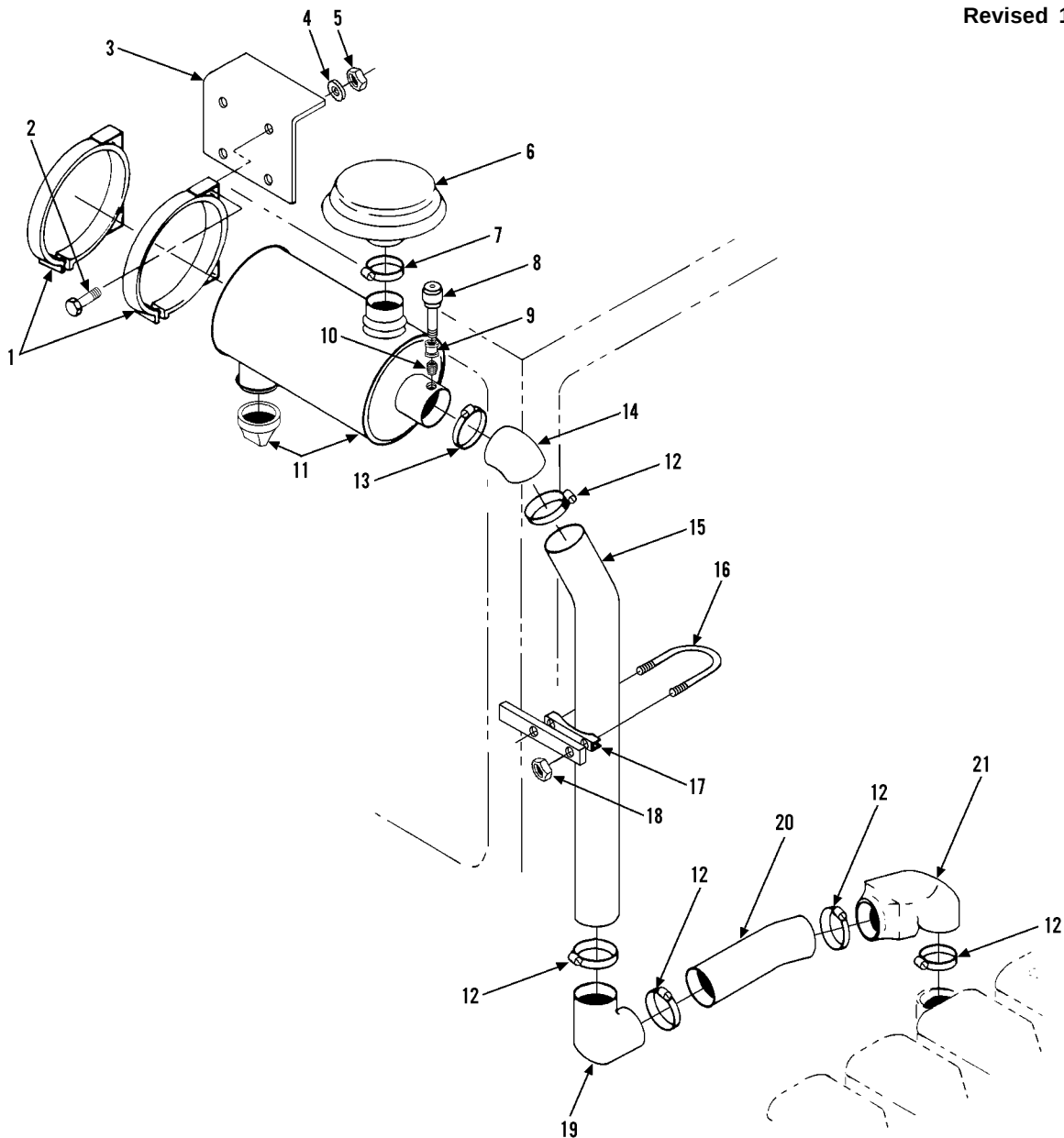


Item	Part No.	Qty.	Description Of Part
1	7710-3138	2	MOUNTING BAND
2	8820-1018	4	HEX HD CAPSCREW, 5/16-18x3/4, GR5
3	9115-1002	1	BRACKET
4	8856-1108	4	FLAT WASHER, 5/16
5	8852-1305	4	HEX LOCKNUT, 5/16-18
6	9103-3028	1	INLET CAP
7	9002-7713	1	CLAMP
8	7738-3154	1	SERVICE INDICATOR
9	8871-1210	1	PIPE COUPLING, 1/8"
10	8870-1023	1	CLOSE NIPPLE, 1/8X3
11		1	AIR CLEANER (see page 5-6 for details)
12	9116-3129	5	HOSE CLAMP

Item	Part No.	Qty.	Description Of Part
13	9116-3137	1	BAND CLAMP
14	9108-3129	1	REDUCING ELBOW
15	9114-3126	1	AIR INTAKE TUBE
16	2492-1332	1	MUFFLER CLAMP (includes items 17 & 18)
17		1	BRIDGE
18		2	NUT
19	9108-3128	1	AIR INTAKE ELBOW
20	9114-3125	1	AIR INTAKE TUBE
21	9108-3126	1	AIR INTAKE ELBOW
NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			

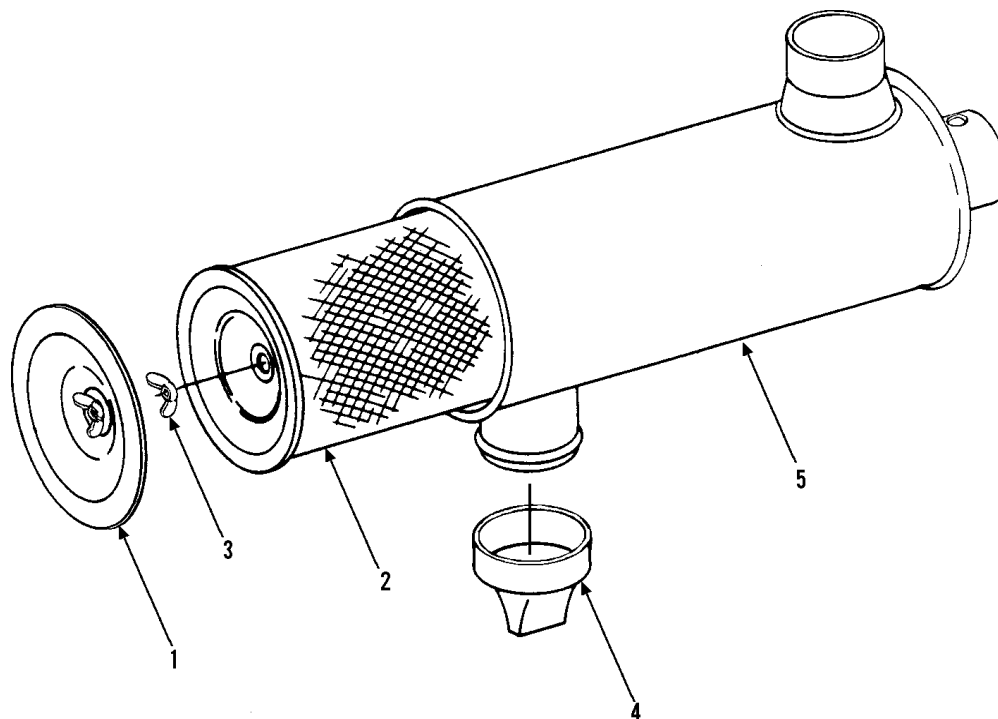


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	8698-1533	2	MOUNTING BAND	14	9115-3007	1	REDUCING ELBOW
2	8820-1035	4	HEX HD CAPSCREW, 3/8-16x1, GR5	15	9114-3126	1	AIR INTAKE TUBE
3	9115-1002	1	BRACKET	16	2492-1332	1	MUFFLER CLAMP (includes items 17 & 18)
4	8856-1109	4	FLAT WASHER, 3/8	17		1	BRIDGE
5	8852-1306	4	HEX LOCKNUT, 3/8-16	18		2	NUT
6	9115-3005	1	INLET CAP (includes item 7)	19	9108-3128	1	AIR INTAKE ELBOW
7		1	CLAMP	20	9115-3011	1	AIR INTAKE TUBE
8	7738-3154	1	SERVICE INDICATOR	21	9115-1003	1	AIR INTAKE ELBOW
9	8871-1210	1	PIPE COUPLING, 1/8"	22	7738-3790	1	HOSE CLAMP
10	8870-1023	1	CLOSE NIPPLE, 1/8X3				
11		1	AIR CLEANER (see page 5-6 for details)				
12	9116-3129	4	HOSE CLAMP				
13	9002-8631	1	BAND CLAMP				
							NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

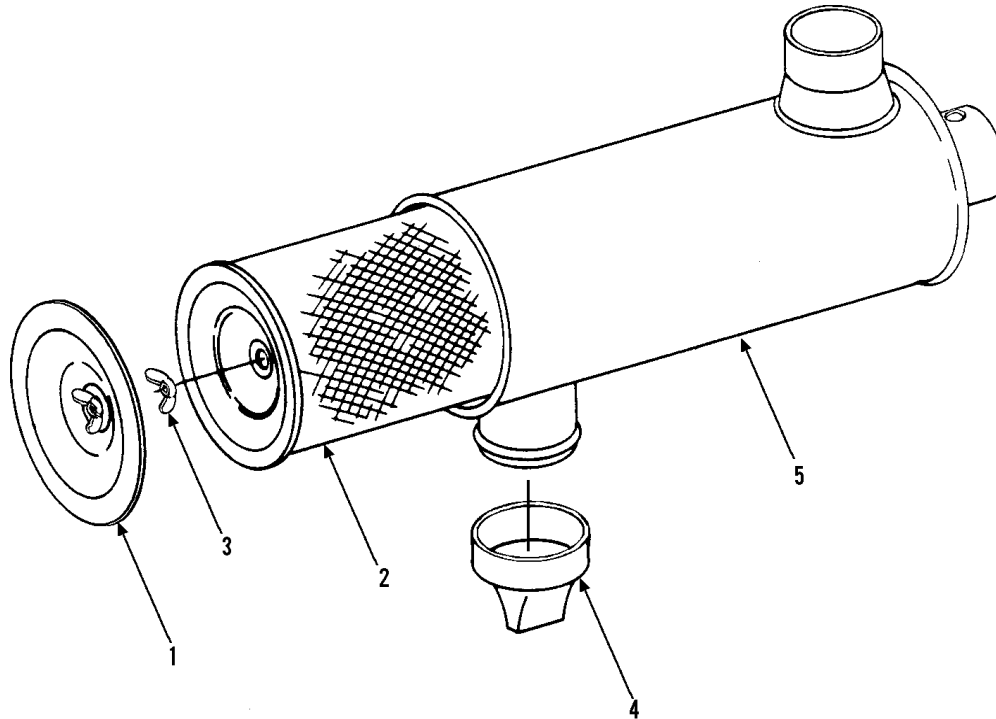


Item	Part No.	Qty.	Description Of Part
1	8698-1533	2	MOUNTING BAND
2	8820-1035	4	HEX HD CAPSCREW, 3/8-16x1, GR5
3	9115-1002	1	BRACKET
4	8856-1109	4	FLAT WASHER, 3/8
5	8852-1306	4	HEX LOCKNUT, 3/8-16
6	9115-3005	1	INLET CAP (includes item 7)
7		1	CLAMP
8	7738-3154	1	SERVICE INDICATOR
9	8871-1210	1	PIPE COUPLING, 1/8"
10	8870-1023	1	CLOSE NIPPLE, 1/8X3
11		1	AIR CLEANER (see page 5-6 for details)
12	9116-3129	5	HOSE CLAMP
13	7738-3790	1	BAND CLAMP

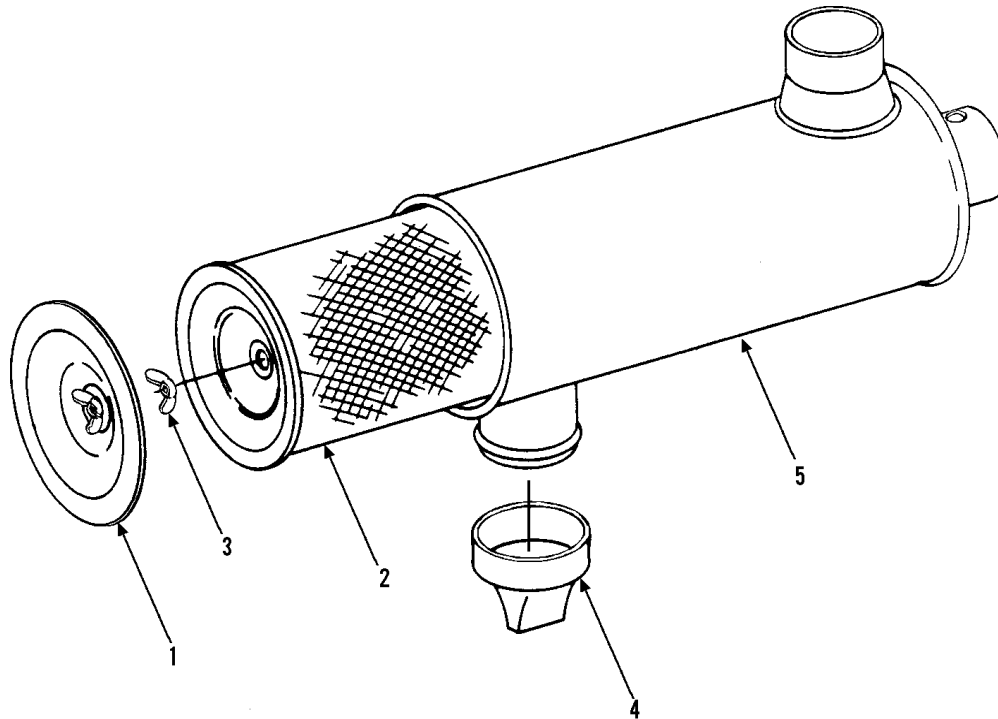
Item	Part No.	Qty.	Description Of Part
14	9115-3007	1	ELBOW
15	9114-3126	1	UPPER AIR INTAKE TUBE
16	2492-1332	1	MUFFLER CLAMP (includes items 17 & 18)
17		1	BRIDGE
18		2	NUT
19	9108-3128	1	AIR INTAKE ELBOW
20	9114-3352	1	LOWER AIR INTAKE TUBE
21	9115-3021	1	AIR INTAKE ELBOW, 45 DEGREES
NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			



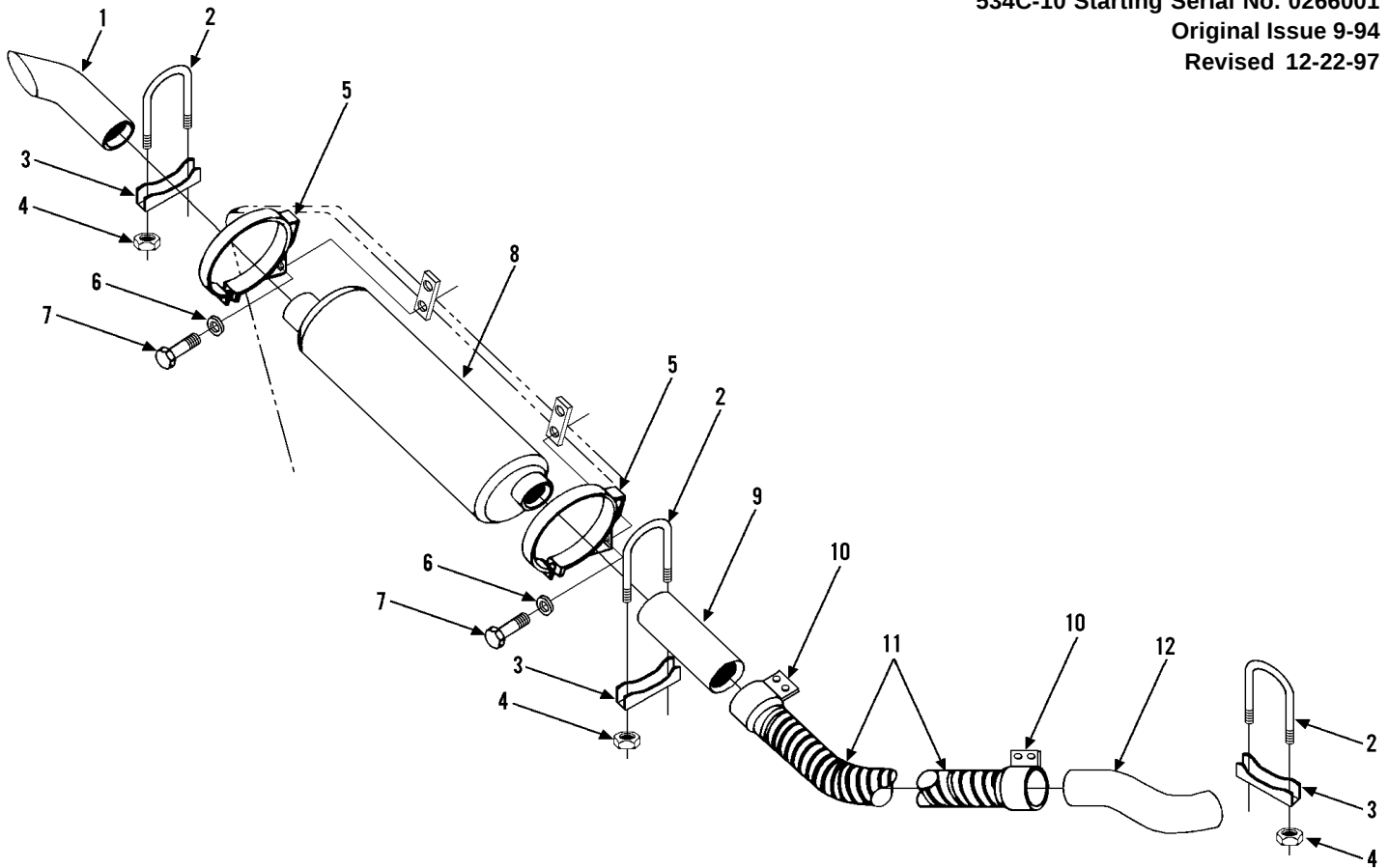
Item	Part No.	Qty.	Description Of Part
	9020-5663	1	AIR CLEANER (includes items 1 thru 5)
1	9020-6606	1	COVER W/NUT
2	9020-6262	1	ELEMENT
3	9020-1414	1	WING NUT W/SEAL
4	9020-0807	1	VACUATOR
5		1	BODY (not sold separately, order P/N 9020-5663)



Item	Part No.	Qty.	Description Of Part
	9115-3006	1	AIR CLEANER (includes items 1 thru 5)
1	9115-4005	1	COVER W/NUT
2	9115-4001	1	ELEMENT
3	9020-1414	1	WING NUT W/SEAL
4	9020-0807	1	VACUATOR
5		1	BODY (not sold separately, order P/N 9115-3006)



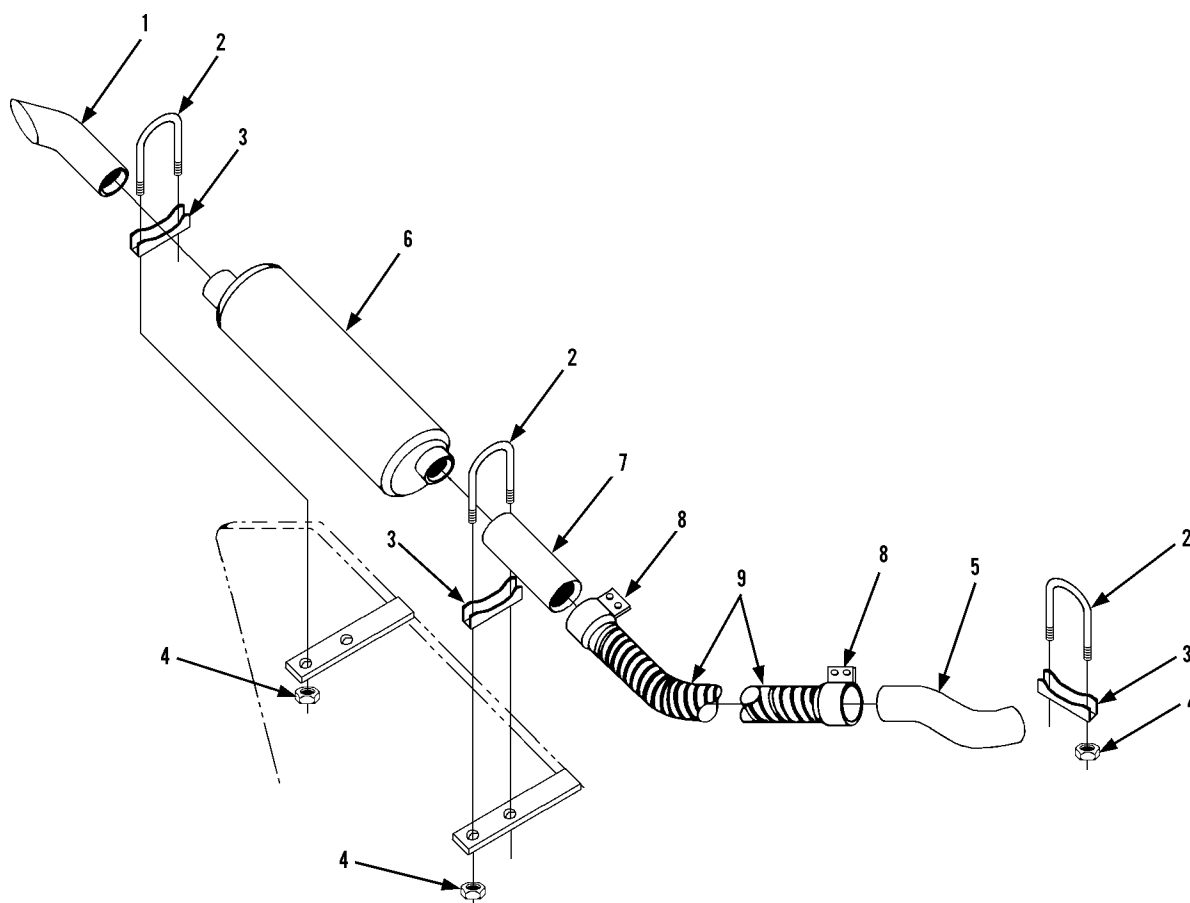
Item	Part No.	Qty.	Description Of Part
	9115-3006	1	AIR CLEANER (includes items 1 thru 5)
1	9115-4005	1	COVER W/NUT
2	9115-4001	1	ELEMENT
3	9020-1414	1	WING NUT W/SEAL
4	9020-0807	1	VACUATOR
5		1	BODY (not sold separately, order P/N 9115-3006)



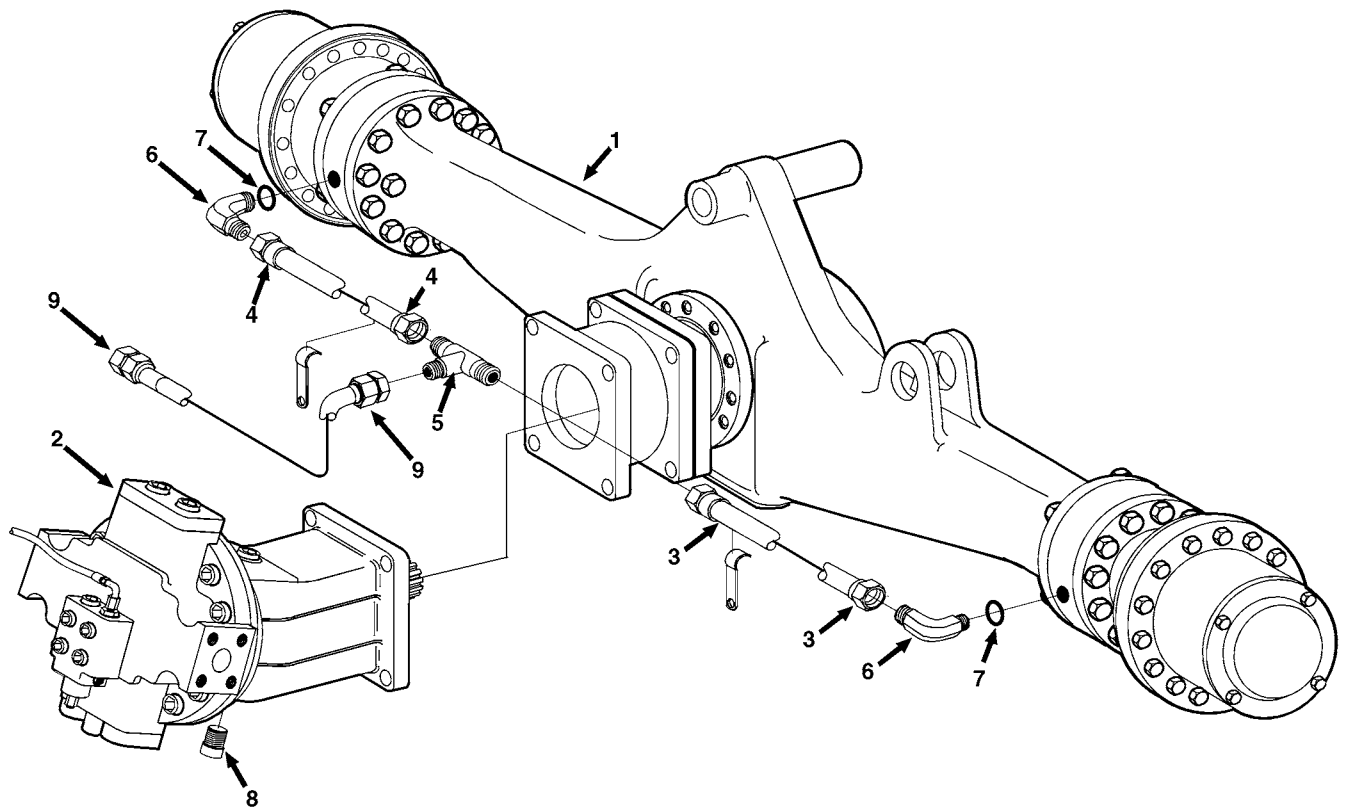
* NOTE: In order to improve the product life of item 5, we have developed a muffler mounting kit for service replacement. Order part number 9108-5146 which includes two 9114-1466 muffler mounts and two 8368-3175 muffler clamps.

Item	Part No.	Qty.	Description Of Part
1	9108-3560	1	TAIL PIPE
2	8368-3175	3	MUFFLER CLAMP (includes items 3 & 4)
3		3	BRIDGE
4		6	NUT
* 5	9108-3253	2	MUFFLER BRACKET (see note)
6	8855-1011	4	LOCKWASHER, 3/8
7	8820-1031	4	HEX HD CAPSCREW, 3/8-16X1-1/2, GR5
8	9108-3250	1	MUFFLER
9	9114-3016	1	EXHAUST TUBE
10	7721-3031	2	CLAMP (includes hardware)
11	9108-3427	1	FLEXIBLE TUBING
12	9114-6037	1	EXHAUST TUBE
NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			

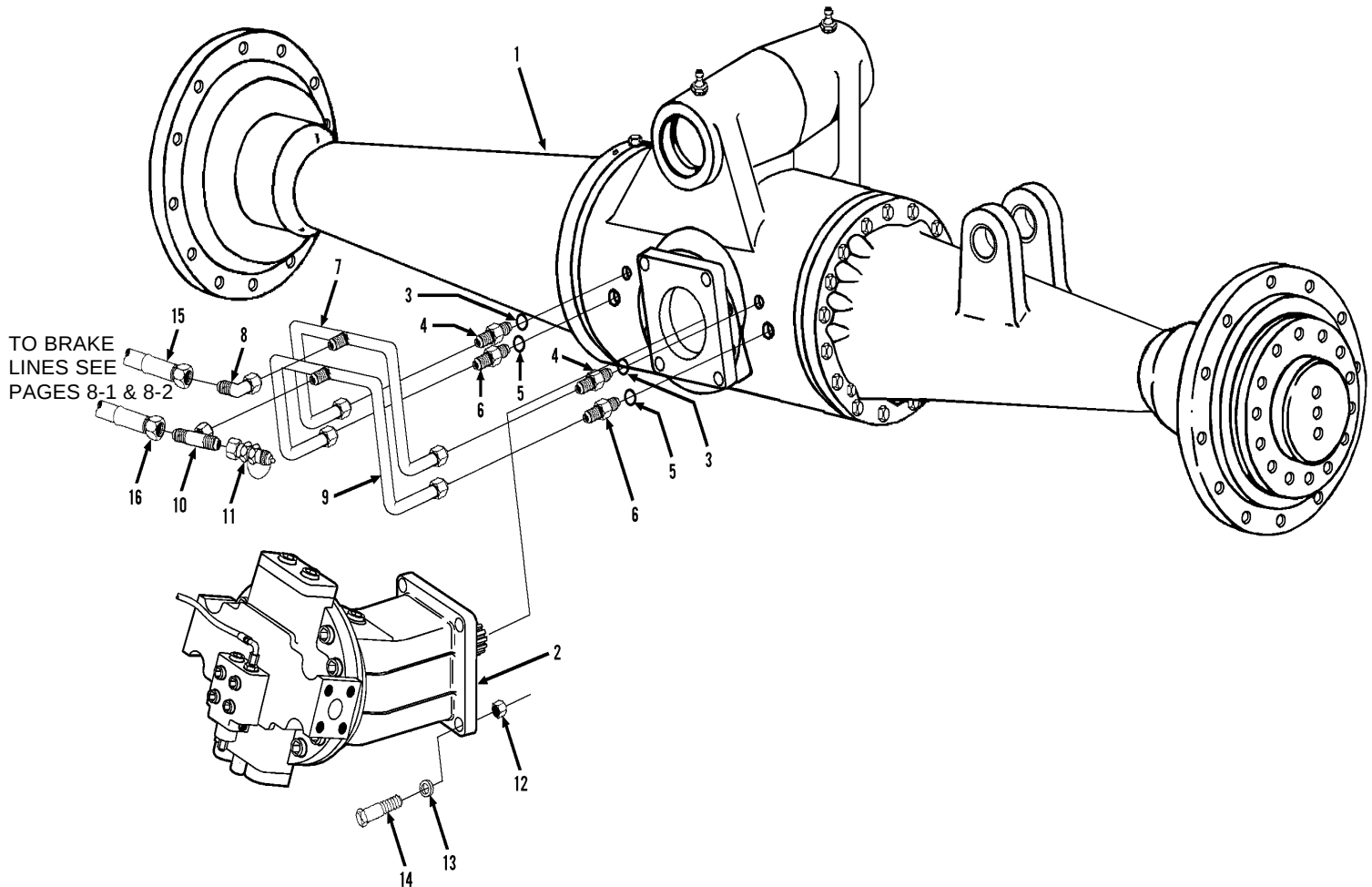
* Added service note.



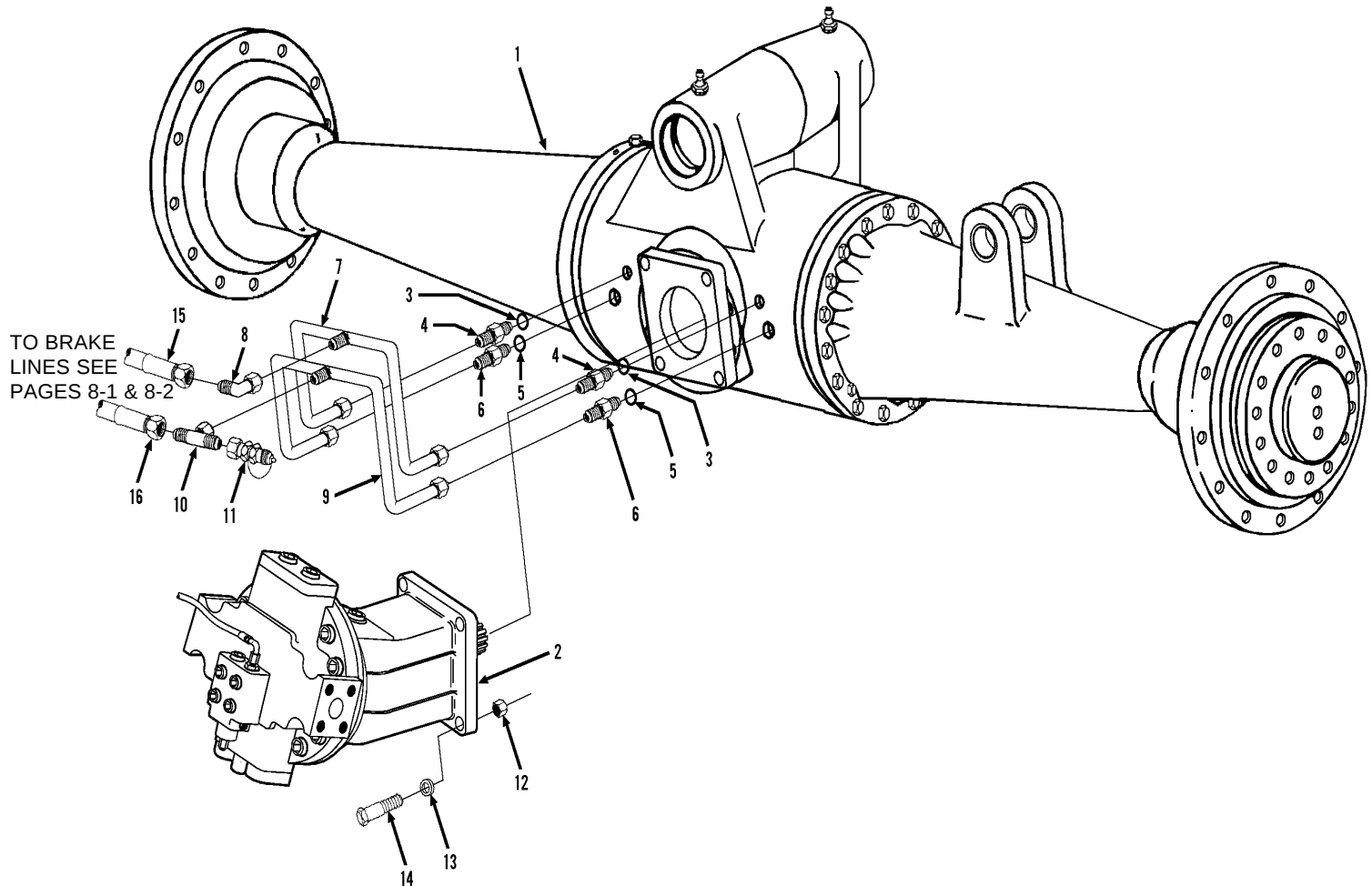
Item	Part No.	Qty.	Description Of Part
1	9108-3560	1	TAIL PIPE
2	8368-3175	3	MUFFLER CLAMP (includes items 3 & 4)
3		3	BRIDGE
4		6	NUT
5	9114-6037	1	EXHAUST TUBE
6	9108-3250	1	MUFFLER PIPE
7	9114-3308	1	EXHAUST TUBE
8	7721-3031	2	CLAMP (includes hardware)
9	9104-3150	1	FLEXIBLE TUBING
NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			



Item	Part No.	Qty.	Description Of Part
	9114-5139	1	FRONT AXLE ASSY(includes all items)
1		Ref	FRONT AXLE(see page 6-2 for details)
2		1	FRONT DRIVE MOTOR (see page 10-16 for details)
3	9103-3373	1	R.H. BRAKE LINE
4	9103-3374	1	L.H. BRAKE LINE
5	8866-1305	1	UNION TEE, $\frac{3}{8}$ TUBE
6	8866-2064	2	ELBOW, 90 DEGREES (includes item 7)
7	8866-1204	2	O-RING
8	8866-2194	1	HEX SOCKET HEAD PLUG (includes o-ring)
	8859-1206	1	O-RING
9	8471-7524	1	HOSE ASSY

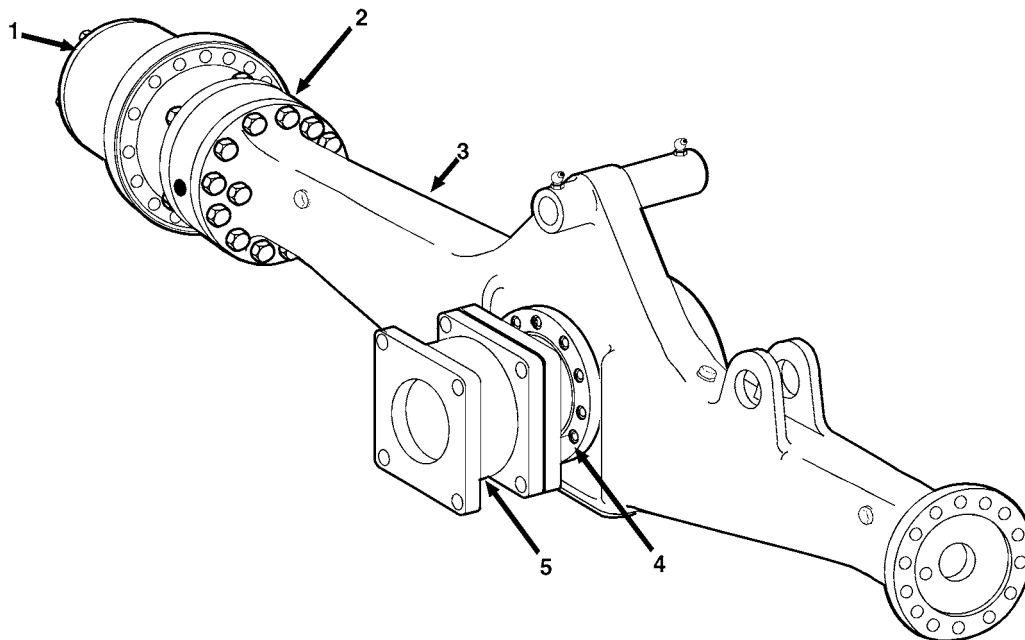


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9114-5140	1	FRONT AXLE ASSY (includes all items)	8	8866-2106	1	ELBOW, 90 DEGREES (swivel nut)
		Ref	FRONT AXLE (see page 6-2 for details)	9	9112-3127	1	SERVICE BRAKE TUBE LINE
2		Ref	FRONT DRIVE MOTOR (see page 10-16 for details)	10	8866-2224	1	SWIVEL NUT BRANCH TEE, 3/8 TUBE
				11	9114-3172	1	MINI CHECK VALVE
3	8859-1205	2	O-RING	12	8850-1012	4	HEX NUT, 3/4-10
4	8866-2006	2	CONNECTOR (includes item 3)	13	9002-7473	4	HARD WASHER, 3/4
5	8859-1204	2	O-RING	14	8320-1058	4	HEX HD CAPSCREW, 3/4-10X3-3/4, GR8
6	8866-2005	2	CONNECTOR (includes item 5)	15	8471-8729	1	HOSE ASSY
7	9112-3130	1	PARK BRAKE TUBE LINE	16	8471-7811	1	HOSE ASSY

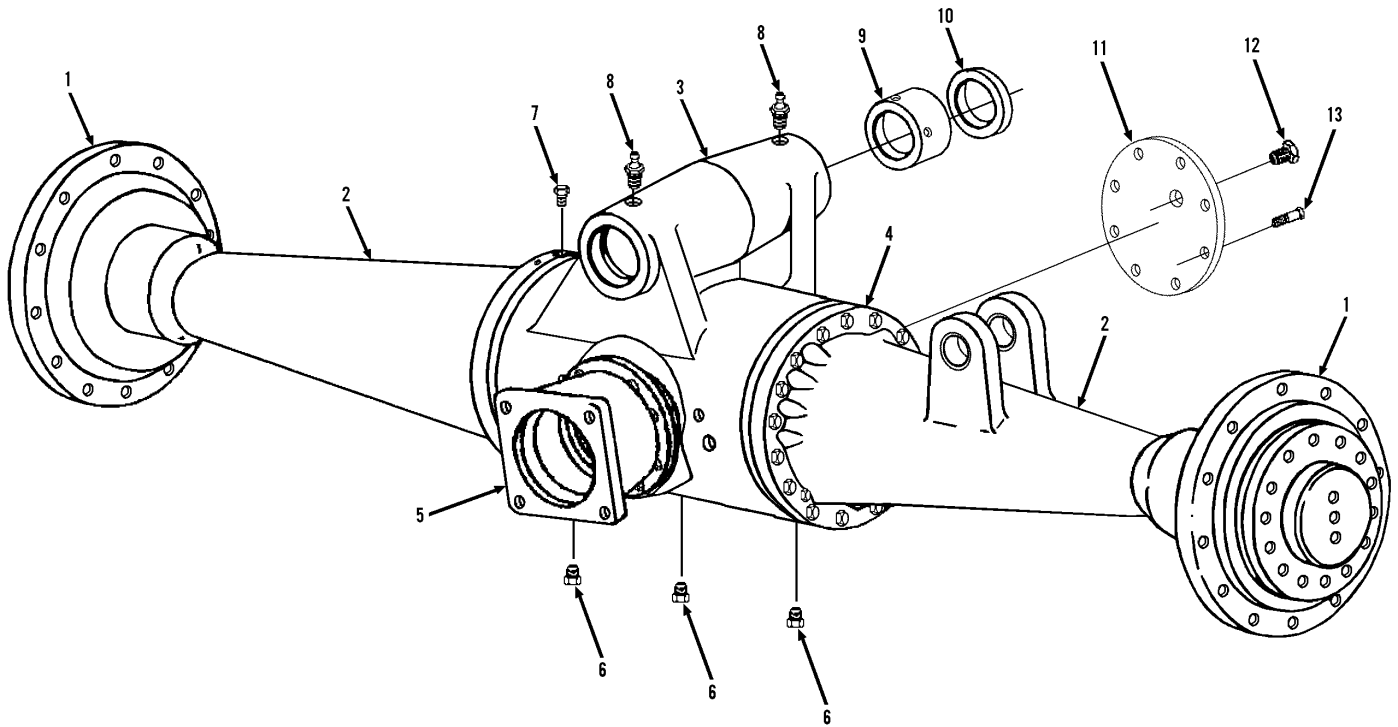


Item	Part No.	Qty.	Description Of Part
1	9114-5119	1	FRONT AXLE ASSY (includes all items)
2		Ref	FRONT AXLE (see page 6-2 for details)
3	8859-1205	2	O-RING
4	8866-2006	2	CONNECTOR (includes item 3)
5	8859-1204	2	O-RING
6	8866-2005	2	CONNECTOR (includes item 5)
7	9112-3130	1	PARK BRAKE TUBE LINE

Item	Part No.	Qty.	Description Of Part
8	8866-2106	1	ELBOW, 90 DEGREES (swivel nut)
9	9112-3127	1	SERVICE BRAKE TUBE LINE
10	8866-2224	1	SWIVEL NUT BRANCH TEE, 3/8 TUBE
11	9114-3172	1	MINI CHECK VALVE
12	8850-1012	4	HEX NUT, 3/4-10
13	9002-7473	4	HARD WASHER, 3/4
14	8320-1058	4	HEX HD CAPSCREW, 3/4-10X3-3/4, GR8
15	8471-8729	1	HOSE ASSY
16	8471-7811	1	HOSE ASSY



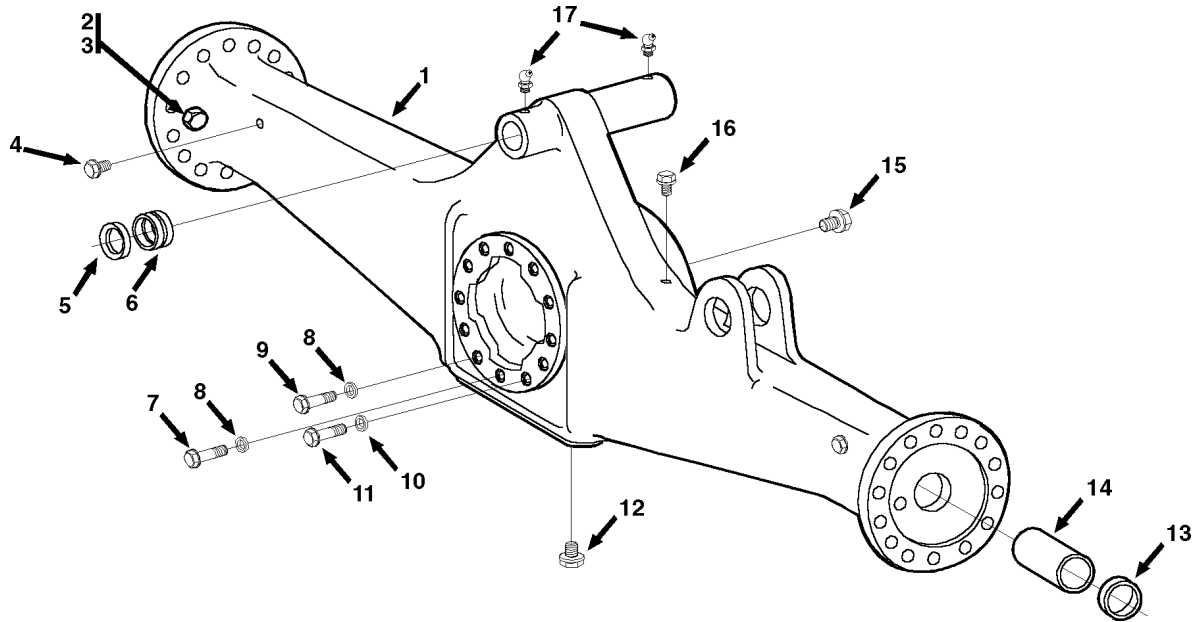
Item	Part No.	Qty.	Description Of Part
	9114-3169	1	FRONT AXLE ASSY (includes items 1 thru 5)
1		Ref	WHEEL END ASSY (see page 6-5 for details)
2		Ref	BRAKE ASSY (see page 6-6 for details)
3		Ref	AXLE HOUSING ASSY (see page 6-3 for details)
4		Ref	CARRIER ASSY (see page 6-7 for details)
5		Ref	PARKING BRAKE ASSY (see page 6-4 for details)



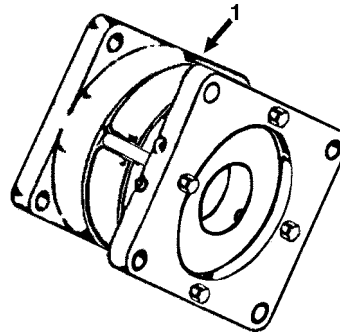
SERVICE NOTE: When servicing this axle, it is recommended that on machines with starting serial numbers prior to 0344874 and 0266106, that you:

- 1). Replace the old style cover plate with the new cover plate kit, p/n 9114-5130.
- 2). Then refill the axle with 40 pints of mobil 424 fluid instead of 33 pints.

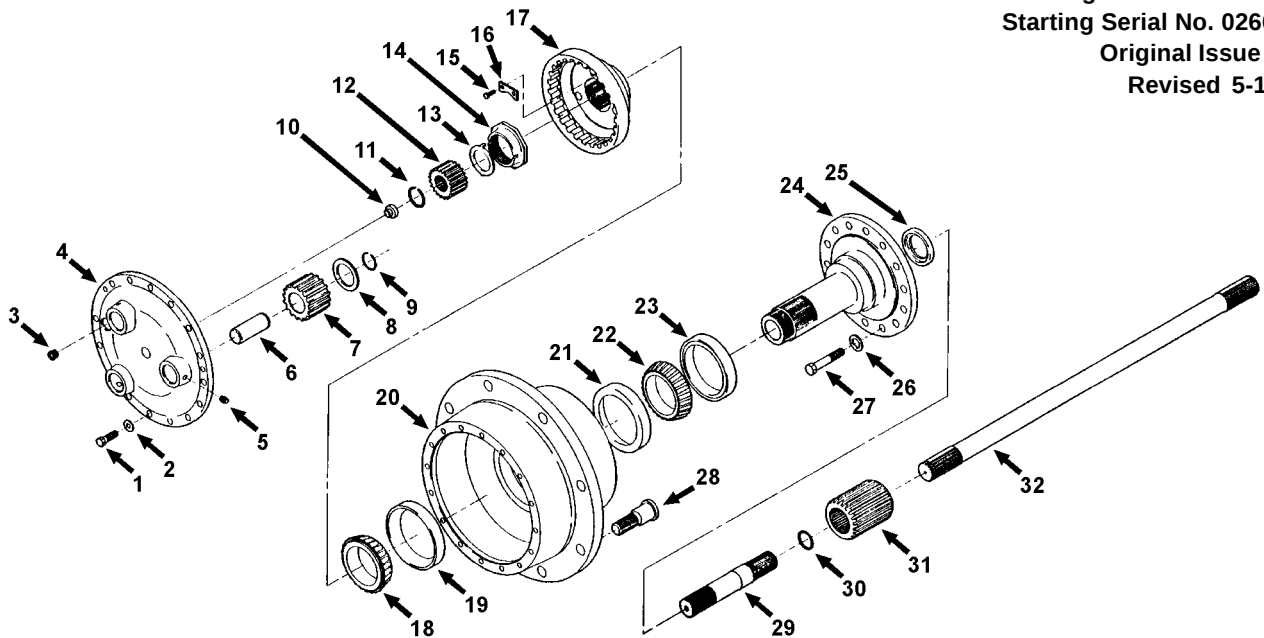
Item	Part No.	Qty.	Description Of Part
	9114-3119	1	FRONT AXLE, (includes all items on pages 6-2, 6-3, 6-4 & 6-5)
	9114-5130	1	COVER PLATE KIT, (includes new style items 11 and 12)
1		Ref	WHEEL FLANGE ASSY, (see page 6-5 for details)
2		Ref	LEFT & RIGHT HOUSING ASSY, (see page 6-5 for details)
3	9114-4326	1	CENTER HOUSING ASSY, (includes item 9)
4		Ref	BRAKE ASSY, (see page 6-4 for details)
5		Ref	CARRIER ASSY, (see page 6-3 for details)
6	9114-4327	3	DRAIN PLUG
7	9114-4328	1	VENT PLUG
8	9114-4329	2	LUBE FITTING
9	9108-4046	2	BUSHING
10	9108-4047	2	TRUNNION OIL SEAL
*11		1	COVER-OLD STYLE, (starting S/N 0344394 & 0266057), NO LONGER AVAILABLE
	9114-1511	1	COVER-NEW STYLE, (starting S/N 0344874 & 0266106)
*12	9114-4331	1	LEVEL PLUG-OLD STYLE, (starting S/N 0344394 & 0266057)
	8871-1284	1	LEVEL PLUG-NEW STYLE, (starting S/N 0344874 & 0266106)
13	9114-4332	8	CAPSCREW, M8X1.25X16.0



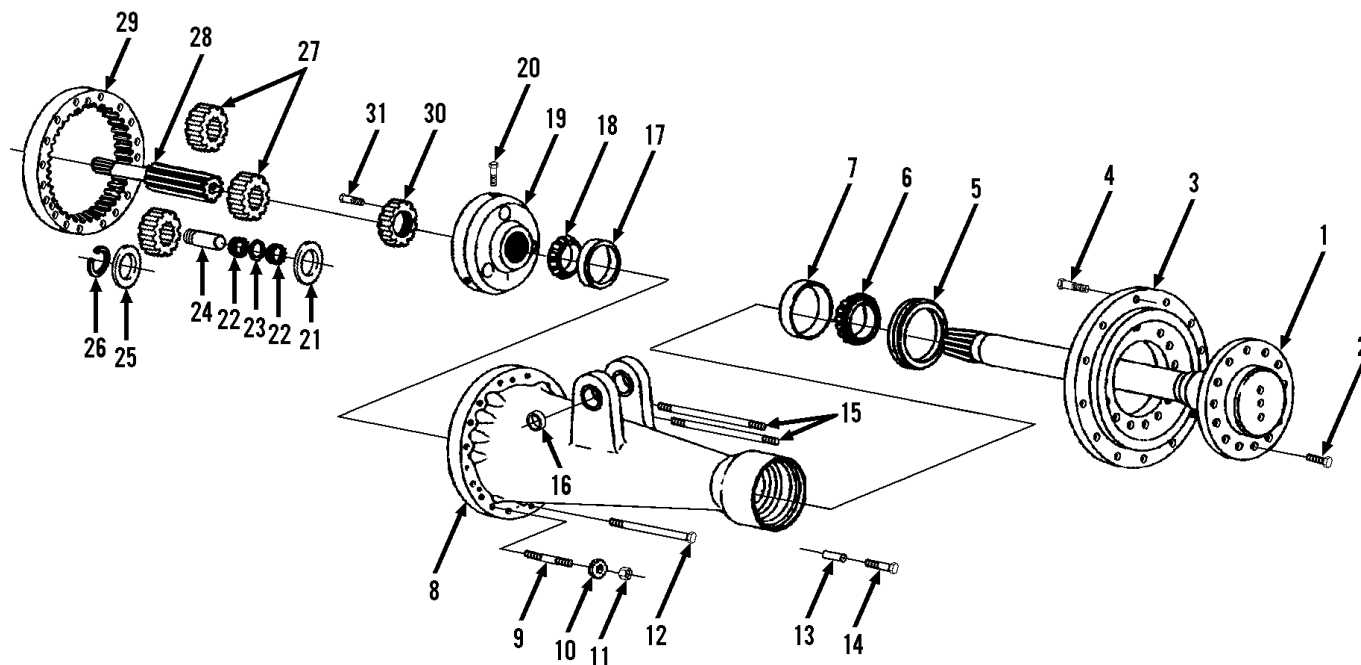
Item	Part No.	Qty.	Description Of Part
1	9104-4422	1	AXLE HOUSING ASSY (includes items 2, 3, 4, 7, 8, 12, 13, 14, 16 and 17)
2	9104-4426	2	HEX HD CAPSCREW
3	9104-4425	2	WASHER
4	9104-4419	4	COOLING PLUG
5	9108-4047	2	TRUNNION OIL SEAL
6	9108-4046	2	INNER RACE BEARING
7	9108-4052	2	HEX HD CAPSCREW, LONG
8	9108-4051	4	WASHER
9	9108-4050	2	HEX HD CAPSCREW, SHORT
10	9108-4049	12	WASHER
11	9108-4048	12	HEX HD CAPSCREW, SHORT
12	7710-4343	1	DRAIN PLUG
13	9104-4423	4	AXLE SHAFT OIL SEAL
14	9104-4424	2	AXLE SHAFT BUSHING
15	8307-3699	1	OIL FILLER PLUG
16	7710-4289	1	HOUSING BREATHER
17	9108-4045	2	LUBE FITTING



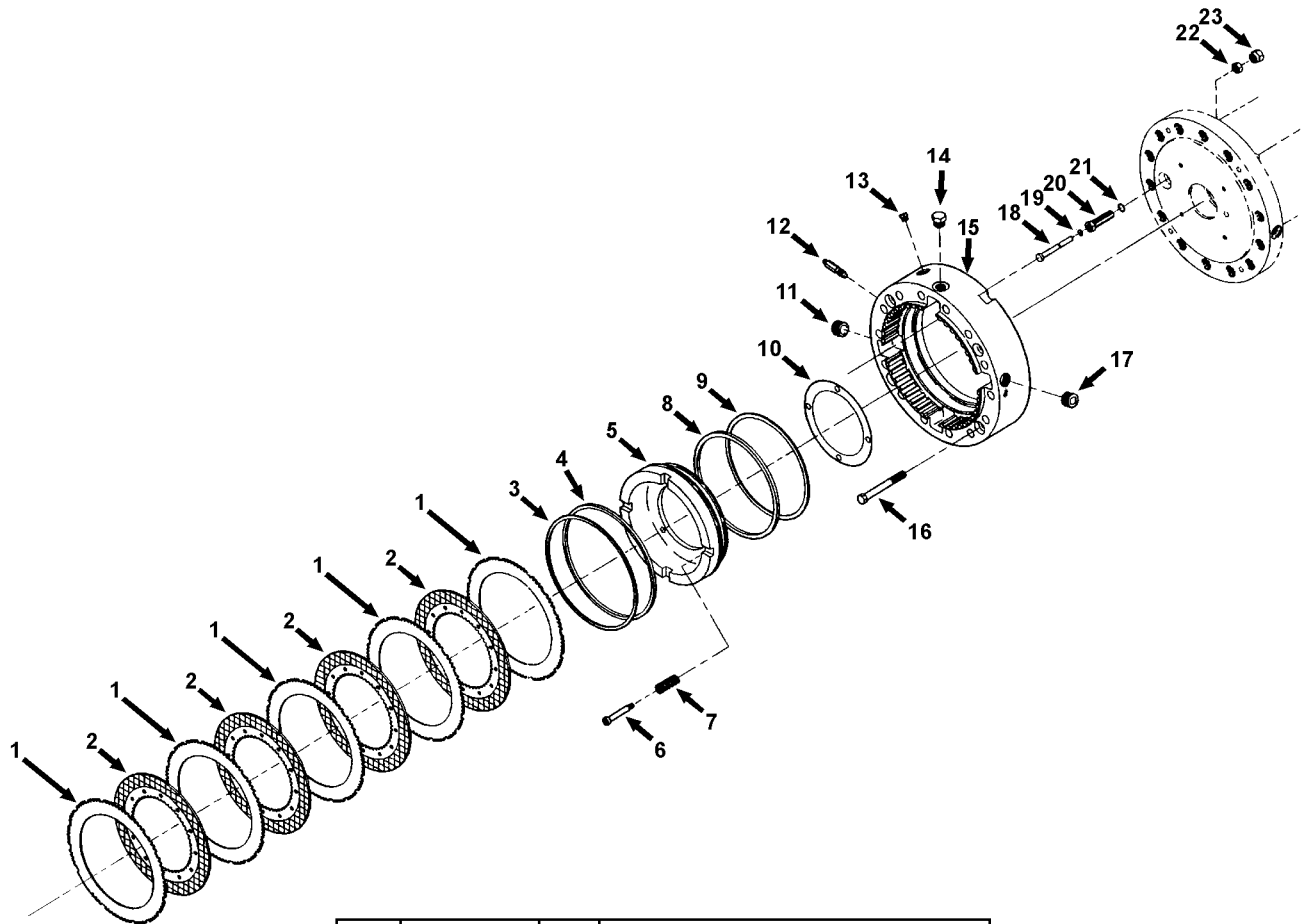
Item	Part No.	Qty.	Description Of Part
1	9114-4160	1	PARKING BRAKE ASSY
	9108-4211	1	SPRING KIT
	9108-4212	1	SEAL KIT
	9108-4213	1	LINING KIT



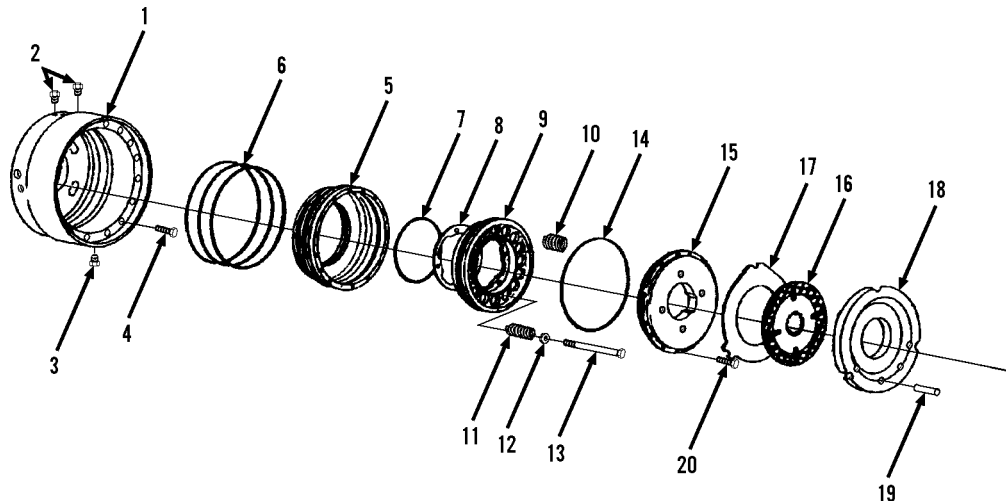
Item	Part No.	Qty.	Description Of Part
1	9108-4112	48	CAPSCREW, SPIDER TO HUB
2	9108-4113	48	WASHER, SPIDER TO HUB
3	7710-4343	2	PLUG, SPIDER OIL LEVEL
4	9104-4383	2	SPIDER
5	9108-4114	6	SETSCREW, PINION SHAFT
6	9104-4385	6	SHAFT, PLANET PINION
7	9104-4384	6	PINION, PLANET
8	9104-4386	6	THRUSTWASHER, PLANET PINION
9	9108-4107	6	SNAP RING, PINION SHAFT
10	9108-4106	2	THRUSTBUTTON, PLANET SPIDER
11	9108-4107	2	SNAP RING, AXLE SHAFT
12	9104-4387	2	GEAR, SUN
13	9108-4109	2	THRUSTWASHER, SUN GEAR
14	9104-4388	2	NUT, HUB BEARING
15	9104-4389	4	CAPSCREW, WHEEL BEARING LOCK
16	9104-4390	2	LOCK, WHEEL BEARING NUT
17	9104-4391	2	GEAR, PLANET RING
18	9104-4392	2	CONE, HUB BEARING, OUTER
19	9104-4394	2	CUP, HUB BEARING, OUTER
20	9104-4393	2	HUB, WHEEL
21	7710-4444	2	CUP, HUB BEARING, INNER
22	7710-4445	2	CONE, HUB BEARING, INNER
23	9104-4395	2	OIL SEAL, HUB BEARING
* 24	9104-4396	2	SPINDLE
25	9104-4423	2	OIL SEAL, SPINDLE TO AXLE SHAFT
26	8308-1182	28	WASHER, SPINDLE TO BRAKE HOUSING
27	9104-4398	28	CAPSCREW, SPINDLE TO BRAKE HOUSING
28	9108-4126	24	STUD, WHEEL
29	9104-4399	2	SHAFT, AXLE, OUTER
30	9104-4400	2	SNAP RING, COUPLING
31	9104-4401	2	COUPLING ASSY, AXLE
32	9104-4402	2	SHAFT, AXLE, INNER



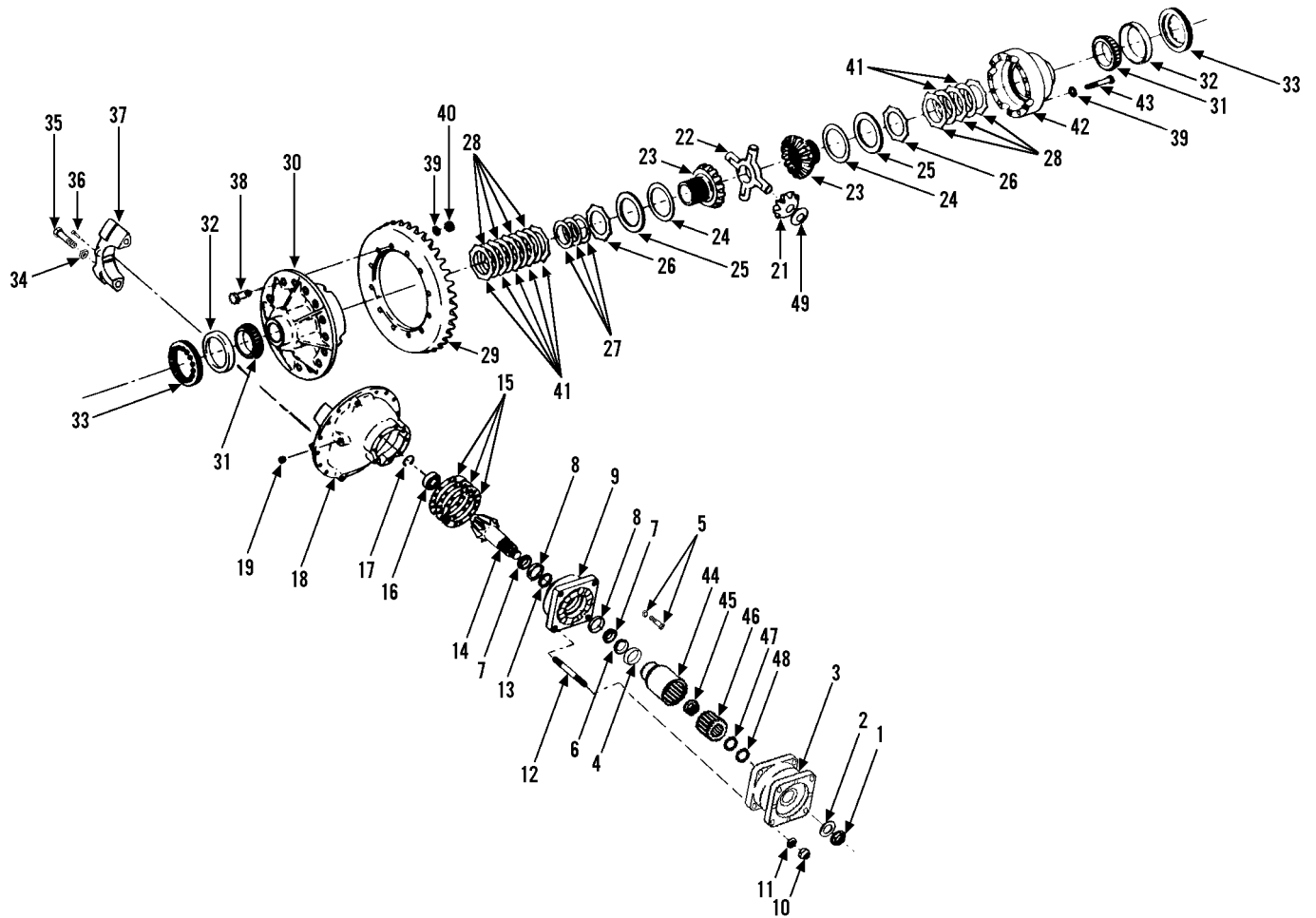
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9114-4333	2	AXLE SHAFT ASSY (includes items 2, 3, 4 & 5)	*14	9114-4348	4	CAPSCREW - USE W/26mm SPACER, M14X1.5X85 (position at 7 & 5 o'clock)
2	9114-4334	28	CAPSCREW, M20X1.5X50.0		9114-4349	2	CAPSCREW - USE W/19mm SPACER, M14X1.5X78 (position at 12 o'clock)
3	9114-4335	2	WHEEL FLANGE ASSY (includes item 4)	*15	9114-4350	2	STUD - RIGHT SIDE, M14X1.5X232.0
4	9020-3543	24	WHEEL BOLT		9114-4351	2	STUD - LEFT SIDE, M14X1.5X112.0
5	9114-4336	2	SHAFT OIL SEAL	16	9114-4352	2	BUSHING
6	8698-4451	2	BEARING CONE	17	9114-4353	2	BEARING CUP
7	8698-4452	2	BEARING CUP	18	9114-4354	2	BEARING CONE
8	9114-4337	1	HOUSING ASSY - RIGHT SIDE (shown)(includes items 7, 16 & 17)	19	9114-4355	2	SPIDER ASSY (includes items 20 & 24)
	9114-4338	Ref	RING GEAR & HOUSING ASSY - RIGHT SIDE (shown) (includes items 7, 16, 17 & 29)	20	9114-4356	6	CAPSCREW, M10X23.0
	9114-4339	1	HOUSING ASSY - LEFT SIDE (not shown) (includes items 7 & 17)	21	9114-4357	6	THRUSTWASHER
	9114-4340	Ref	RING GEAR & HOUSING ASSY - LEFT SIDE (not shown) (includes items 7, 17 & 29)	22	9114-4358	6	KIT ROLLER
9	9114-4341	4	SET SCREW	23	9114-4359	6	SPACER
10	9114-4342	32	WASHER	24	9114-4360	6	PLANETARY PINION SHAFT
11	9114-4343	8	NUT, M14X1.5-6H	25	9114-4361	6	WASHER
12	9114-4344	14	CAPSCREW - RIGHT SIDE, M14X1.5X212.0	26	9114-4362	6	SNAP RING
	9114-4345	14	CAPSCREW - LEFT SIDE, M14X1.5X120.0	27	9114-4363	6	PLANETARY PINION
*13	9114-4346	2	SPACER - 19mm	28	9114-4364	1	SUN GEAR (287.0mm) - RIGHT SIDE (shown)
	9114-4347	4	SPACER - 26mm		9114-4365	1	SUN GEAR (247.0mm) - LEFT SIDE (not shown)
				29	9114-4366	2	RING GEAR
				30	9114-4367	2	ADJUSTING NUT
				31	9114-4368	2	CAPSCREW (adjusting nut lock)
				NOTE: QUANTITIES SHOWN ARE FOR BOTH SIDES.			



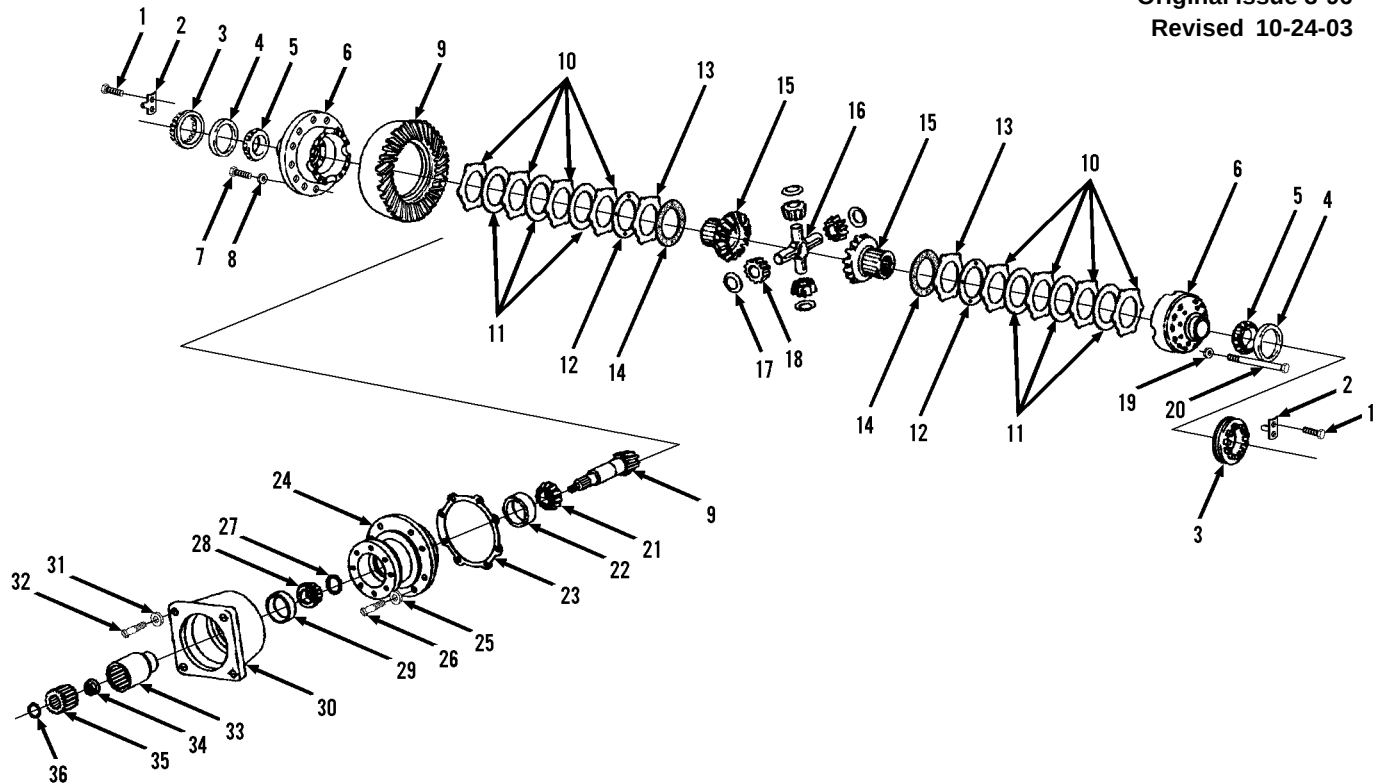
Item	Part No.	Qty.	Description Of Part
1	9104-4403	12	DISC, STATIONARY
2	9104-4404	8	DISC, FRICTION
3	9104-4405	2	BACKUP RING, PISTON, OUTER
4	9104-4406	2	QUAD RING, PISTON, OUTER
5	9104-4407	2	BRAKE PISTON
6	9104-4408	8	SHOULDER SCREW
7	9104-4409	8	SHOULDER SCREW SPRING
8	9104-4410	2	QUAD RING, PISTON, INNER
9	9114-4154	2	BACKUP RING, PISTON, INNER
10	9104-4412	AR	SHIM, (.003)
	9104-4413	AR	SHIM, (.005)
	9104-4414	AR	SHIM, (.010)
	9104-4415	AR	SHIM, (.020)
11	9104-4416	2	DRAIN PLUG, MAGNETIC
12	9104-4417	2	BLEEDER SCREW
13	9104-4419	4	FORCED COOLING PLUG
14	9114-4155	4	INLET PLUG
15	9104-4420	2	BRAKE HOUSING
16	9104-4421	8	CAPSCREW
17	7738-4016	4	FILLER PLUG
18	9114-4056	2	METERING ROD
19	9114-4057	2	O-RING
20	9114-4058	2	FITTING ASSY
21	9114-4059	2	O-RING
22	9114-4060	2	LOCKNUT, WEAR END FITTING
23	9114-4061	2	CAP, FITTING



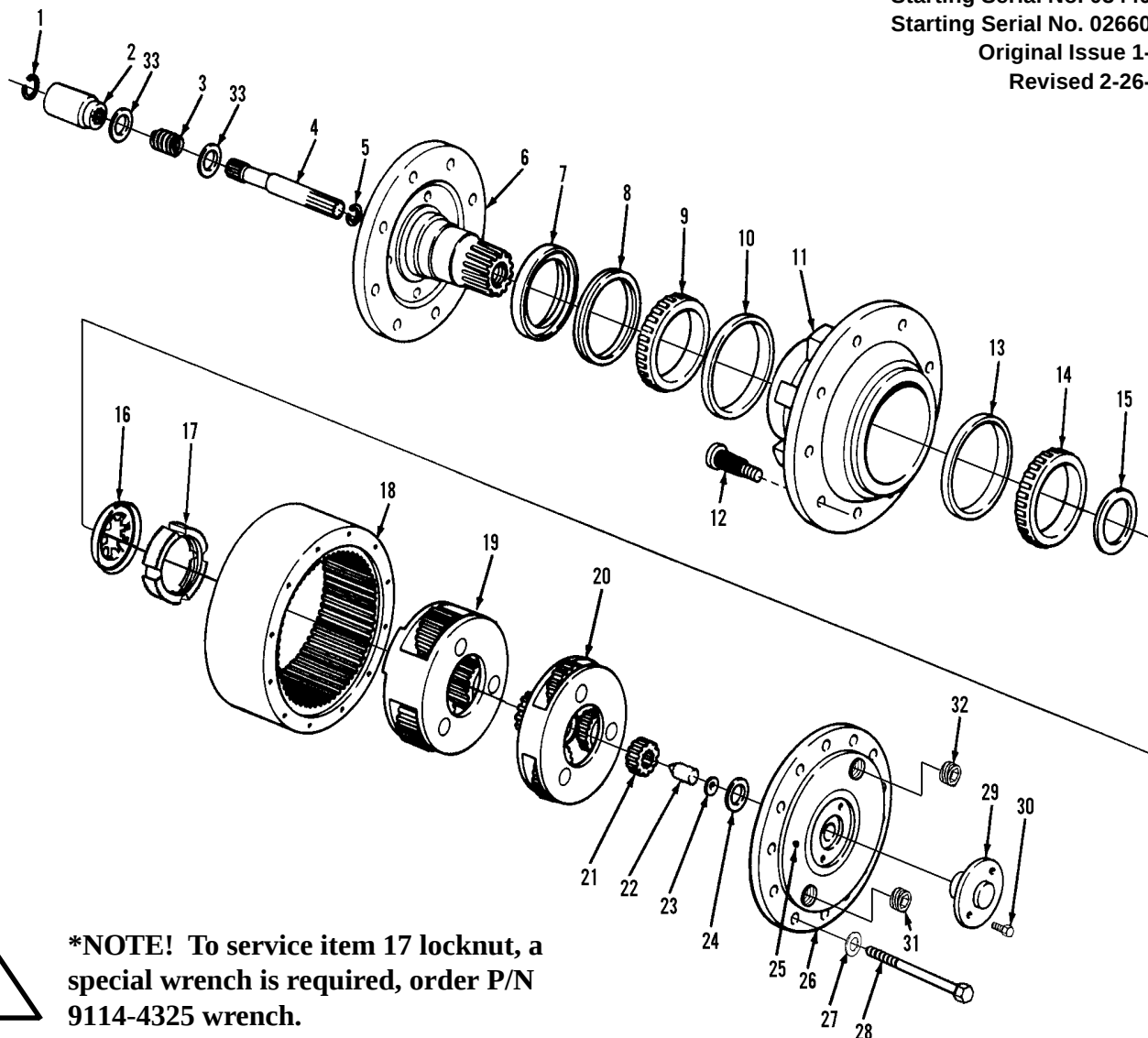
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
*	9114-4442	Ref	BRAKE SEAL KIT, (includes items 6, 7, & 14), (services both sides)	8		8	SHIM, (0.075), (included in 9114-4371)
*	9114-4369	Ref	BRAKE PISTON PLATE KIT, (includes items 15, 16, 17 & 18), (services one side)			8	SHIM, (0.125), (included in 9114-4371)
*	9114-4370	Ref	BRAKE PLATE & SEAL KIT, (includes items 6, 7, 14, 15, 16, 17 & 18), (services one side)			8	SHIM, (0.255), (included in 9114-4371)
*	9114-4371	Ref	PISTON BRAKE SHIM KIT, (includes one each of item 8), (services one side)			8	SHIM, (0.555), (included in 9114-4371)
1	9114-4372	1	BRAKE HOUSING, (right side only - left side included in center housing)	9	9114-4376	2	BRAKE PISTON
2	9114-4373	4	HYDRAULIC LINE BLEEDER	10	9114-4377	32	SPRING
3		Ref	DRAIN PLUG, (see page 6-2 for details)	11	9114-4378	16	SPRING
4	9114-4374	3	CAPSCREW - RIGHT SIDE ONLY, M8X1.25X40.0	12	8688-1421	16	WASHER
5	9114-4375	2	BRAKE PISTON & PLATE ASSY, (includes items 6, 7, 9, 10, 14, 15, & 20)	13	9114-4379	16	RETURN SPRING BOLT
6	9112-4110	6	O-RING	14	9112-4112	2	O-RING
7	9112-4111	2	O-RING	15		2	BRAKE ACTUATING PLATE
				16		8	FRICTION DISC
				17		8	STATIONARY DISC
				18		2	BRAKE REACTION PLATE
				19	9114-4380	6	BRAKE DISC LOCKPIN
				20	9114-4381	42	CAPSCREW, M6X1.0X12.0, (allen)
				NOTE: QUANTITIES SHOWN ARE FOR BOTH SIDES.			
				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-4048	1	DIFFERENTIAL ASSY, (includes all items)	25	9108-4086	2	SPACER, CLUTCH
	9114-4049	AR	SHIM KIT	26	9108-4087	2	DISC, CLUTCH
	8698-4466	AR	MISCELLANEOUS HARDWARE KIT, (includes items 38, 39 and 40)	27	9108-4088	AR	SHIM, (.005)
1	9108-4053	1	NUT, BEVEL PINION		9108-4089	AR	SHIM, (.010)
2	9108-4054	1	WASHER, BEVEL PINION NUT		9108-4090	AR	SHIM, (.013)
3		Ref	PARKING BRAKE ASSY, (see page 6-4 for details)		9108-4091	AR	SHIM, (.015)
4	9108-4056	1	OIL SEAL, BEARING CAGE	28	9108-4092	16	DISC, CLUTCH DRIVE
5	9108-4057	8	CAPSCREW, BEARING CAGE	29	8307-3623	1	BEVEL GEAR ASSY, (includes item 14)
		8	WASHER	30	9108-4095	1	DIFFERENTIAL CASE ASSY, (includes item 20 thru 28, 12 of item 39. Also items 41 thru 43)
6	9108-4058	1	THRUST WASHER	31	9108-4097	2	CONE, DIFFERENTIAL CASE BEARING
7	9108-4059	2	CONE, BEVEL PINION BEARING	32	9108-4098	2	CUP, DIFFERENTIAL CASE BEARING
8	9020-0440	2	CUP, BEVEL PINION BEARING	33	9108-4099	2	ADJUSTING RING, DIFFERENTIAL BEARING
9	9108-4060	1	CAGE, BEVEL PINION BEARING	34	8308-1182	4	WASHER, DIFFERENTIAL BEARING CAP
10	9108-4061	4	NUT	35	9104-4381	4	CAPSCREW, DIFFERENTIAL BEARING CAP
11	9108-4062	4	WASHER	36	8348-3441	2	COTTER PIN
12	9108-4063	4	STUD	37	9114-4052	2	CAP, DIFFERENTIAL BEARING, (includes dowel pin)
13	9108-4064	AR	SHIM, (.125)	38	9114-4053	12	CAPSCREW, DIFFERENTIAL CASE & BEVEL GEAR
	9108-4065	AR	SHIM, (.126)	39	8348-3532	24	WASHER, DIFFERENTIAL CASE & BEVEL GEAR
	9108-4066	AR	SHIM, (.127)	40	7710-4297	12	NUT, DIFFERENTIAL CASE & BEVEL GEAR
	9108-4067	AR	SHIM, (.128)	41	9108-4103	14	DISC, CLUTCH DRIVEN
	9108-4068	AR	SHIM, (.129)	42		1	DIFFERENTIAL CASE, (not sold separately, order item 30)
	9108-4069	AR	SHIM, (.130)	43	9108-4104	12	CAPSCREW, DIFFERENTIAL CASE
	9108-4070	AR	SHIM, (.136)	44	9108-4360	1	SPLINED SHAFT
	9108-4071	AR	SHIM, (.142)	*45	9108-4354	1	INNER SPLINE ADAPTER
	9108-4072	AR	SHIM, (.148)	46	9108-4355	1	OUTER COLLAR
	9108-4073	AR	SHIM, (.154)	47	9108-4356	1	EXTERNAL SNAP RING
	9108-4074	AR	SHIM, (.158)	48	9108-4357	1	INTERNAL SNAP RING
14		1	PINION, BEVEL, (Not sold separately, order item 29)	49	9108-4081	4	THRUST WASHER
15	9108-4075	AR	SHIM, (.003)				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.
	9108-4076	AR	SHIM, (.005)				
	9108-4077	AR	SHIM, (.010)				
16	9108-4078	1	BEARING, BEVEL PINION, REAR				
17	9108-4079	1	LOCK RING, BEVEL PINION REAR				
18	9114-4156	1	DIFFERENTIAL CARRIER ASSY				
19	8307-3699	1	PLUG, OIL DRAIN/FILLER				
20	9104-4081	4	THRUST WASHER, DIFFERENTIAL PINION				
21	9108-4082	4	PINION, DIFFERENTIAL				
22	9108-4083	1	SPIDER, DIFFERENTIAL				
23	9108-4084	2	GEAR, DIFFERENTIAL SIDE				
24	9108-4085	2	THRUST WASHER, SIDE GEAR				



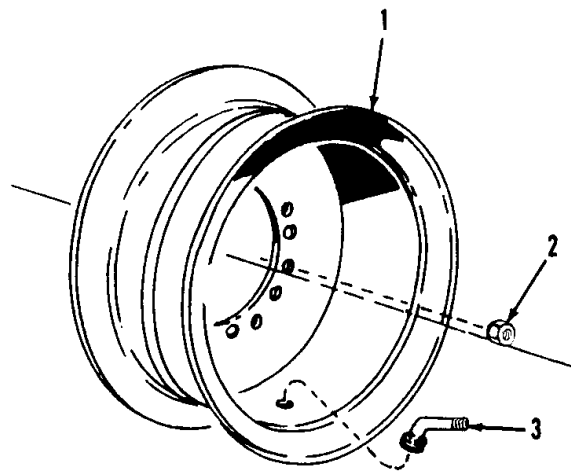
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-4382	Ref	LIMITED SLIP PLATE STACK KIT (includes items 10, 11, 12, 13 & 14)	20	9114-4397	12	CAPSCREW, M10X1.5X80.0
	9114-4383	Ref	PINION CAGE SHIM KIT (includes item 23)	21	9020-7204	1	BEARING CONE
	9114-4384	Ref	DRIVE PINION SHIM KIT (includes item 27)	22	9020-0440	1	BEARING CUP
	9114-4385	Ref	LIMITED SLIP SHIM KIT (includes item 12)	23		4	SHIM (0.05) (included in shim kit)
1	9114-4386	4	CAPSCREW			2	SHIM (0.125) (included in shim kit)
2	9114-4387	2	ADJUSTER RING LOCK			3	SHIM (0.20) (included in shim kit)
3	9114-4388	2	ADJUSTER RING			1	SHIM (0.50) (included in shim kit)
4	8307-3828	2	BEARING CUP	24	9114-4398	1	PINION CAGE ASSY (includes items 22 & 29)
5	9114-4389	2	BEARING CONE	25	9114-4399	8	WASHER
* 6	9114-4390	1	DIFFERENTIAL CASE	26	9114-4400	8	CAPSCREW, M12X1.75X40.0
7	9114-4391	12	CAPSCREW, M10X1.0X30.0	27		1	SHIM (1.20) (included in shim kit)
8	8348-3584	12	WASHER			1	SHIM (1.25) (included in shim kit)
9	9114-4392	1	SPIRAL GEAR & PINION			1	SHIM (1.30) (included in shim kit)
10		8	DRIVE FRICTION DISC (included in 9114-4382 kit)			1	SHIM (1.35) (included in shim kit)
11		6	DRIVEN FRICTION DISC (included 9114-4382 kit)			1	SHIM (1.40) (included in shim kit)
12		2	SHIM (0.33) (included in shim kit)			1	SHIM (1.45) (included in shim kit)
		2	SHIM (0.38) (included in shim kit)			1	SHIM (1.50) (included in shim kit)
		2	SHIM (0.25) (included in shim kit)	28	9114-4401	1	BEARING CONE
		2	SHIM (0.13) (included in shim kit)	29	9114-4402	1	BEARING CUP
13		2	COMPRESSION DISC (included in 9114-4382 kit)	30	9114-4403	1	MOTOR ADAPTER FLANGE
14		2	THRUSTWASHER (included in 9114-4382 kit)	31	8348-3584	8	WASHER
15	9114-4393	2	SIDE GEAR	32	9114-4404	8	CAPSCREW, .3750-16UNC-2AX1.25
16	9114-4394	1	SPIDER	33	9114-4405	1	DRIVEN SLEEVE
17	9114-4395	4	THRUSTWASHER	34	9114-4406	1	PINION NUT, M24X1.5
18	9114-4396	4	PINION GEAR	35	9114-4407	1	DRIVE SLEEVE
19	8348-3584	12	WASHER	36	9114-4408	1	SNAPRING
				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			



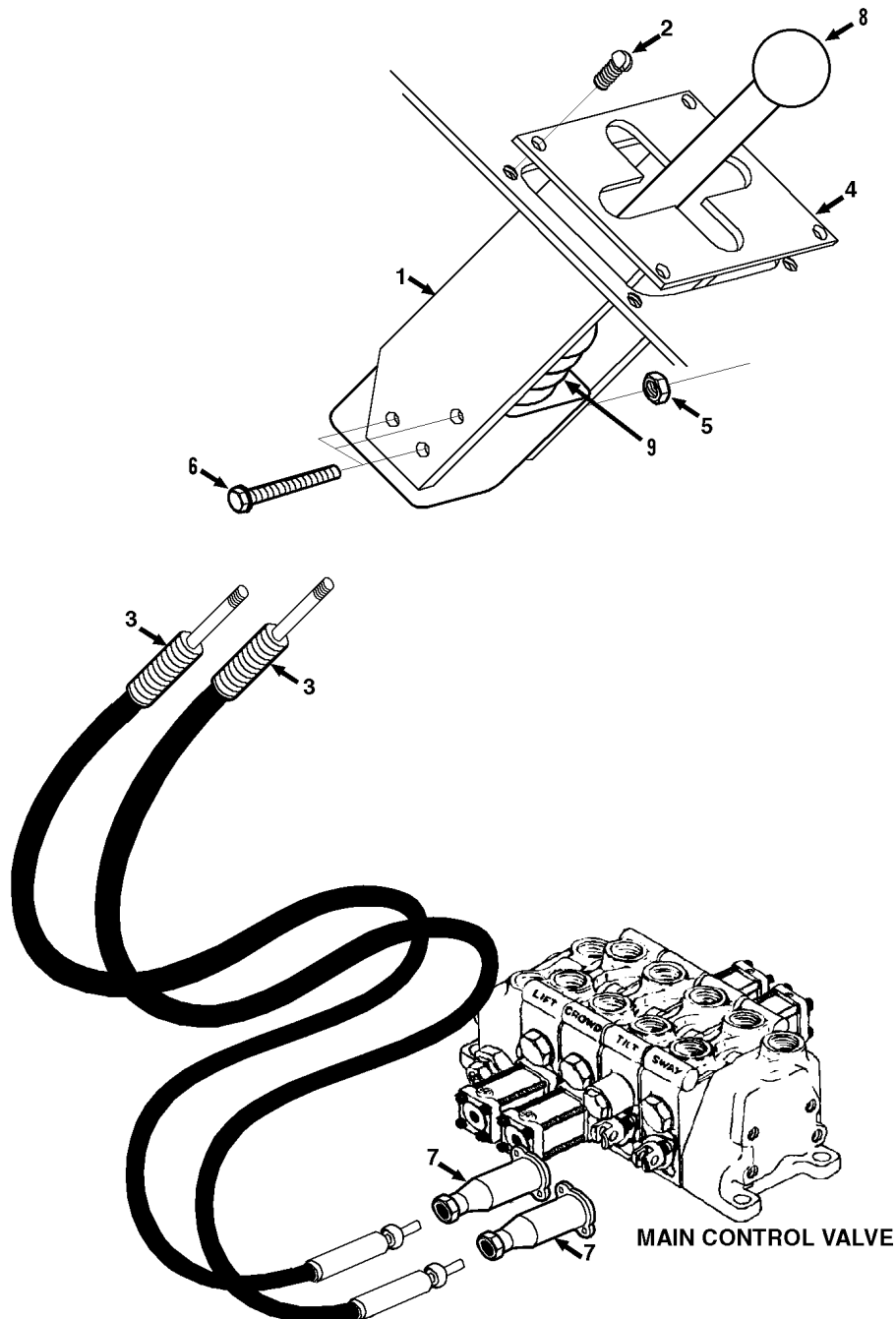
***NOTE!** To service item 17 locknut, a special wrench is required, order P/N 9114-4325 wrench.

Item	Part No.	Qty.	Description Of Part
	9104-3472	2	REAR STEERING AXLE DRIVE HUB
	9104-4462	Ref	REPAIR KIT (includes items 7, 8 and 30)
1	9104-4276	1	RETAINING RING
2	9104-4277	1	COUPLING
3	9114-4175	1	SPRING
4	9114-4176	1	INPUT SHAFT
5	9104-4099	2	RETAINING RING
6	9114-4177	1	SPINDLE
7		1	SEAL
8		1	OIL SEAL
9	9020-2501	1	OUTER BEARING CONE
10	9020-2500	1	OUTER BEARING CUP
11	9114-4178	1	HUB
12	9104-4311	12	WHEEL BOLT
13	9114-4179	1	INNER BEARING CUP
14	9114-4180	1	INNER BEARING CONE
15	9114-4181	1	THRUST WASHER
16	9114-4182	1	LOCKWASHER
17	9114-4183	1	LOCK NUT
18	9114-4184	1	RING GEAR

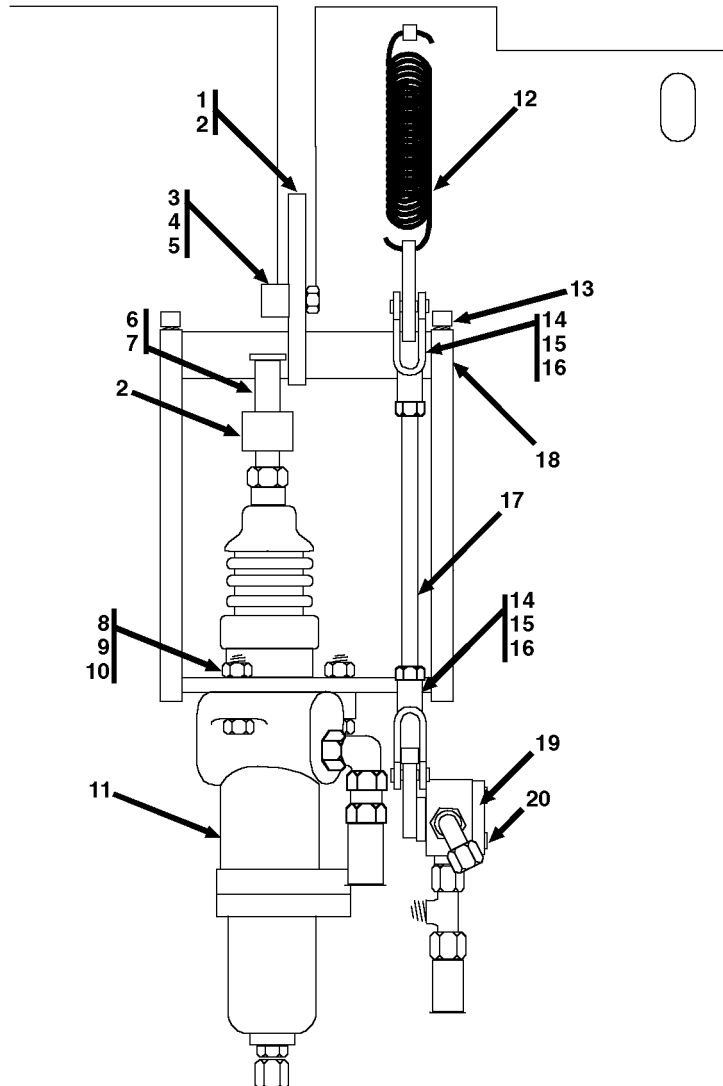
Item	Part No.	Qty.	Description Of Part
19	9114-4185	1	SECONDARY CARRIER ASSY
20	9114-4186	1	PRIMARY CARRIER ASSY
21	9114-4187	1	PRIMARY SUN GEAR
22	9104-4106	1	PLUNGER
23	9104-4107	1	O-RING
24	9104-4105	1	THRUST WASHER
25	9104-4361	1	PIPE PLUG
26	9114-4188	1	COVER
27	9104-4110	12	FLAT WASHER
28	9114-4189	12	HEX HD BOLT
29	9104-4112	1	DISENGAGE COVER
30		1	LOCK SCREW
31	9104-4101	1	MAGNETIC PLUG
32	9103-4389	1	PIPE PLUG
33	9103-4390	2	THRUSTWASHER
NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			
NOTE: QUANTITIES SHOWN ARE FOR ONE HUB ASSY ONLY.			



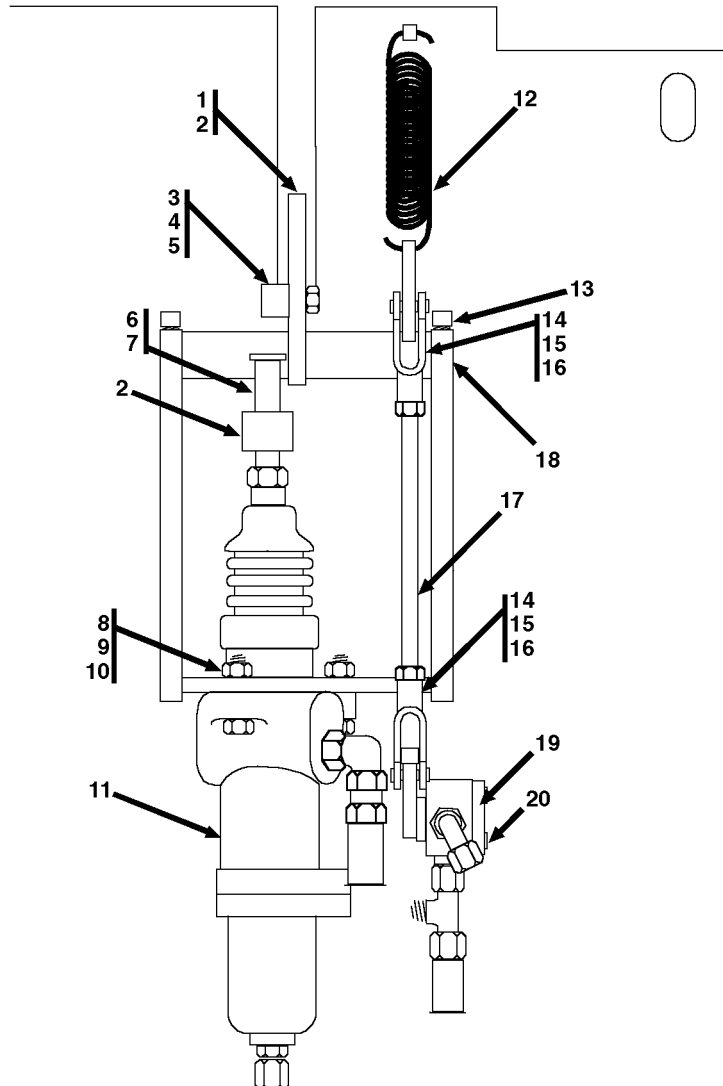
Item	Part No.	Qty.	Description Of Part
	9112-5002	1	R.H. TIRE ASSY(includes items 1, 3 and 4)
	9112-5003	1	L.H. TIRE ASSY(includes items 1, 3 and 4)
1	9104-3298	2	RIM
2	9104-3146	48	LUG NUT (lubricate and torque to 350-400 ftlbs.)
3	9108-3385	2	VALVE
4	9103-3104	2	TIRE (not shown) 13.00 x 24, 12 ply, G-2 traction regular.



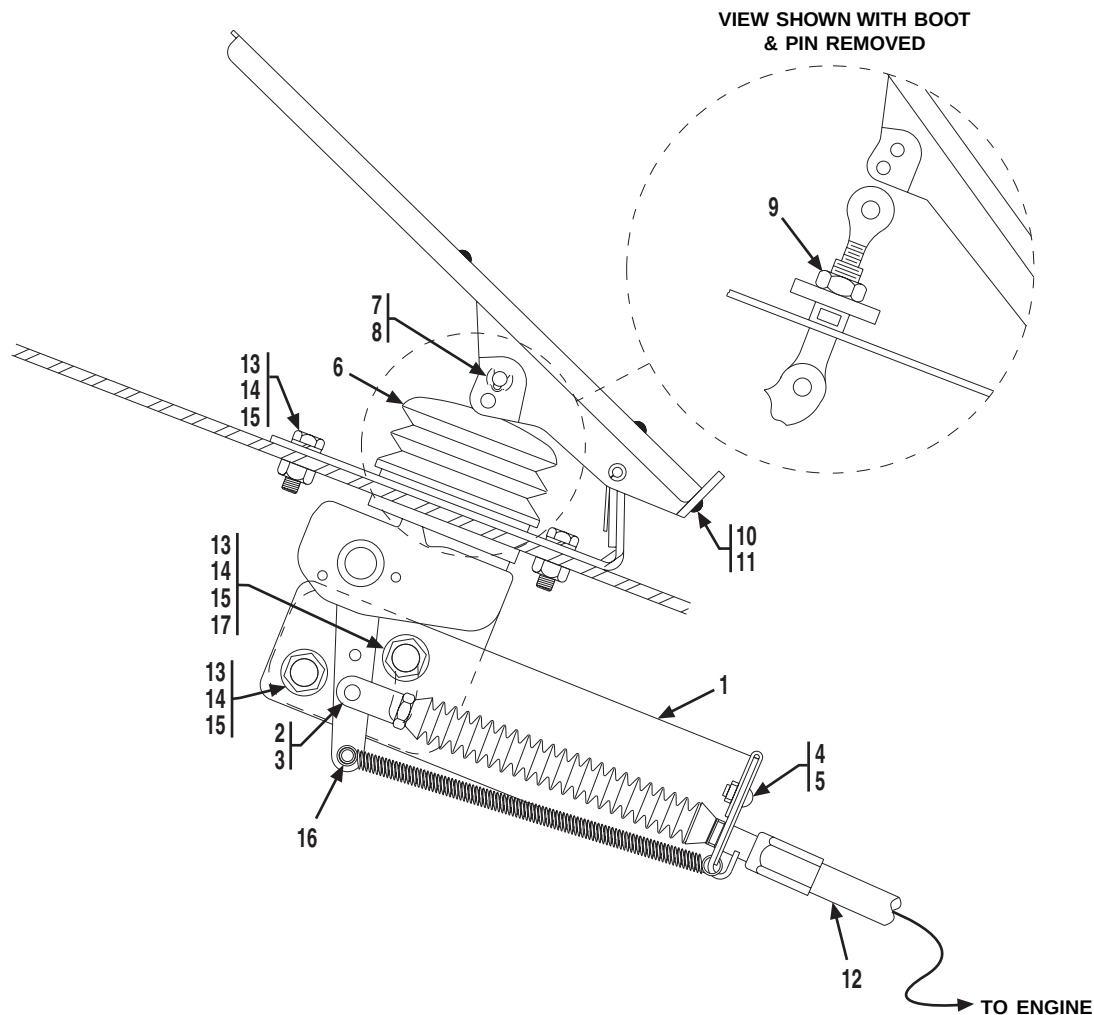
Item	Part No.	Qty.	Description Of Part
1	9108-3107	1	REMOTE CONTROL VALVE
2	8826-1022	4	HEX SOC. BUT. HDCAPSCREW, 5/16-18X3/4
3	9108-3393	2	CONTROL CABLE
4	9108-6089	1	BRACKET
5	8852-1304	3	HEX LOCKNUT, 1/4-20
6	9114-3191	3	HEX HD CAPSCREW, 1/4-20X4-1/2
7	9112-3062	2	CABLE ADAPTER
8	9108-4282	1	KNOB
* 9	9108-4359	1	BOOT



Item	Part No.	Qty.	Description Of Part
1	9108-6090	1	BRAKE PEDAL
2	9108-3136	4	BUSHING
3	9108-3312	1	CAM ROLLER
4	8855-1010	1	LOCKWASHER, 5/16
5	8850-1405	1	JAM NUT, 5/16-24
6	9108-1445	1	PUSH ROD
7	8850-1408	1	JAM NUT, 1/2-20
8	8820-1022	3	HEX HD CAPSCREW, 5/16-18 x 1 1/2
9	8855-1010	3	LOCKWASHER, 5/16
10	8850-1005	3	HEX NUT, 5/16-18
11		Ref	BRAKE VALVE (see page 10-10 for details)
12	9104-3286	1	SPRING
13	8844-1001	2	SQ HD SETSCREW
14	8850-1406	2	JAM NUT, 3/8-24
15	8882-1004	2	YOKE END
16	9002-7987	2	CLEVIS PIN
17	9108-1332	1	LINKAGE ROD
18	9020-0284	2	SHAFT
19		Ref	INCHING VALVE (see page 10-13 for details)
20	8821-2228	2	SOCKET HD CAPSCREW



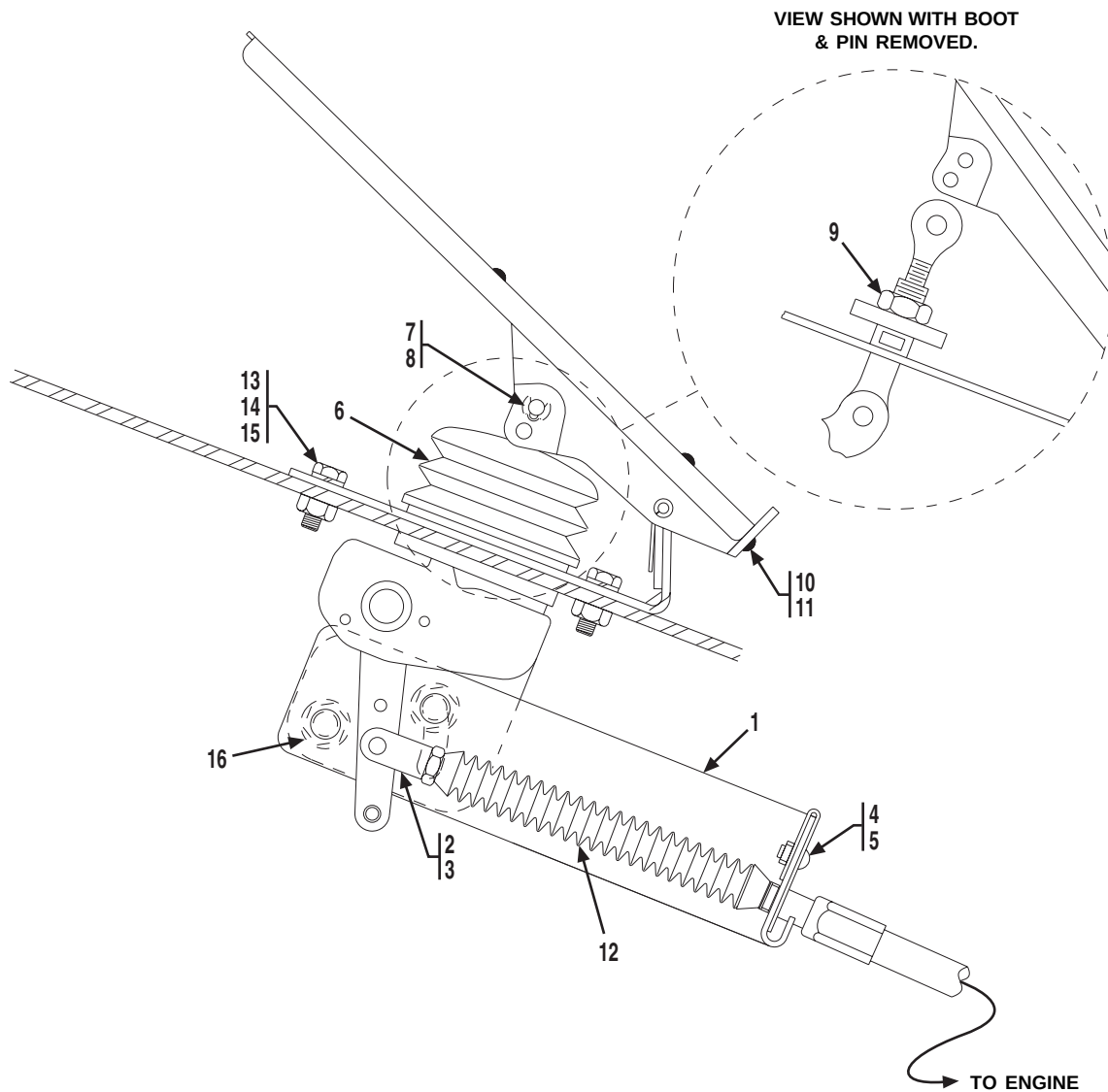
Item	Part No.	Qty.	Description Of Part
1	9114-6059	1	BRAKE PEDAL
2	9108-3136	4	BUSHING
3	9108-3312	1	CAM ROLLER
4	8855-1010	1	LOCKWASHER, 5/16
5	8850-1405	1	JAM NUT, 5/16-24
6	9108-1445	1	PUSH ROD
7	8850-1408	1	JAM NUT, 1/2-20
8	8820-1022	3	HEX HD CAPSCREW, 5/16-18 x 1 1/2, GR5
9	8855-1010	3	LOCKWASHER, 5/16
10	8850-1005	3	HEX NUT, 5/16-18
11		Ref	BRAKE VALVE (see page 10-10 for details)
12	9104-3214	1	SPRING
13	8844-1001	2	SQUARE HD SETSCREW, 1/4-20X1/2"
14	8850-1406	2	JAM NUT, 3/8-24
15	8882-1004	2	YOKE END
16	9002-7987	2	CLEVIS PIN
17	9108-1332	1	LINKAGE ROD
18	9020-0284	2	SHAFT
19		Ref	INCHING VALVE (see page 10-13 for details)
20	8821-2228	2	SOCKET HD CAPSCREW



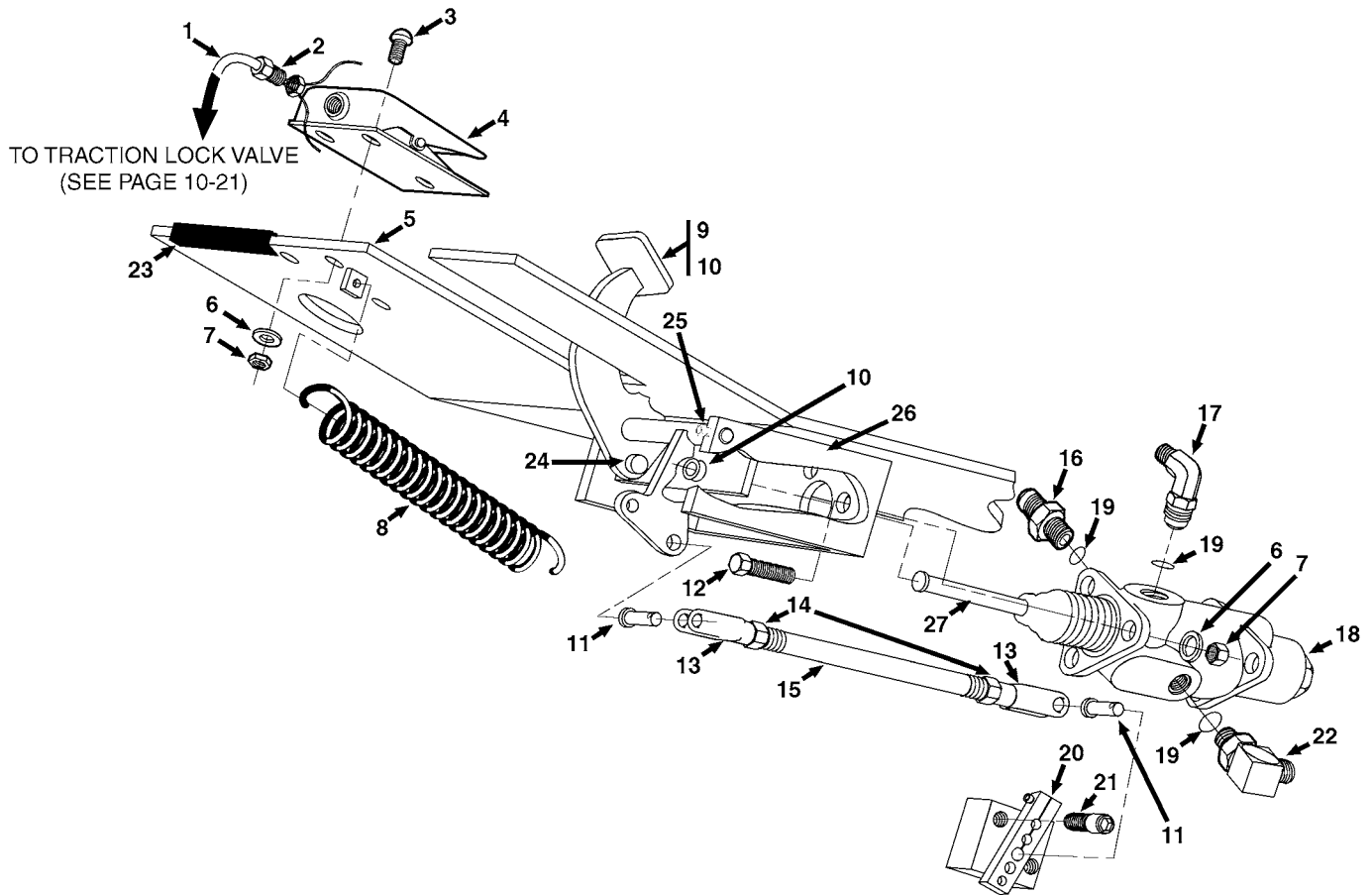
THIS ASSEMBLY COMES WITH A DIFFERENT CABLE SUPPORT, (item 1, not shown).
THE CABLE SUPPORT SHOWN IS THE PROPER REPLACEMENT AND NEEDS TO BE
ORDERED SEPARATELY.

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
*	9114-3118	1	ACCELERATOR PEDAL ASSY, (includes items 2 thru 11)	9		1	JAM NUT
	9114-4196	1	CABLE ATTACH KIT, (includes items 2 thru 5)	10		1	HEEL REST
	9114-4197	1	BOOT KIT, (includes items 6 thru 9)	11		2	SCREW, (self tapping)
	9114-4198	1	HEEL REST KIT, (includes items 10 & 11)	12	Ref		THROTTLE CABLE, (see page 5-1 for details)
1	9112-1210	1	CABLE SUPPORT	*13	8820-1003	5	HEX HD CAPSCREW, 1/4-20X3/4, GR5
2		1	CLEVIS	*14	8855-1009	5	LOCKWASHER, 1/4
3		1	PIN	*15	8850-1004	5	HEX NUT, 1/4-20
		1	HAIRPIN COTTER, (not shown)	*16	9116-3259	1	SPRING
4		1	LOCK PLATE	*17	8856-1107	1	FLAT WASHER, 1/4
5		1	CAPSCREW				
6		1	BOOT				
7		1	PIN				
8		1	HAIRPIN COTTER				

NOTE: ONLY ITEMS WITH PART
NUMBERS ARE AVAILABLE
FOR SERVICE.

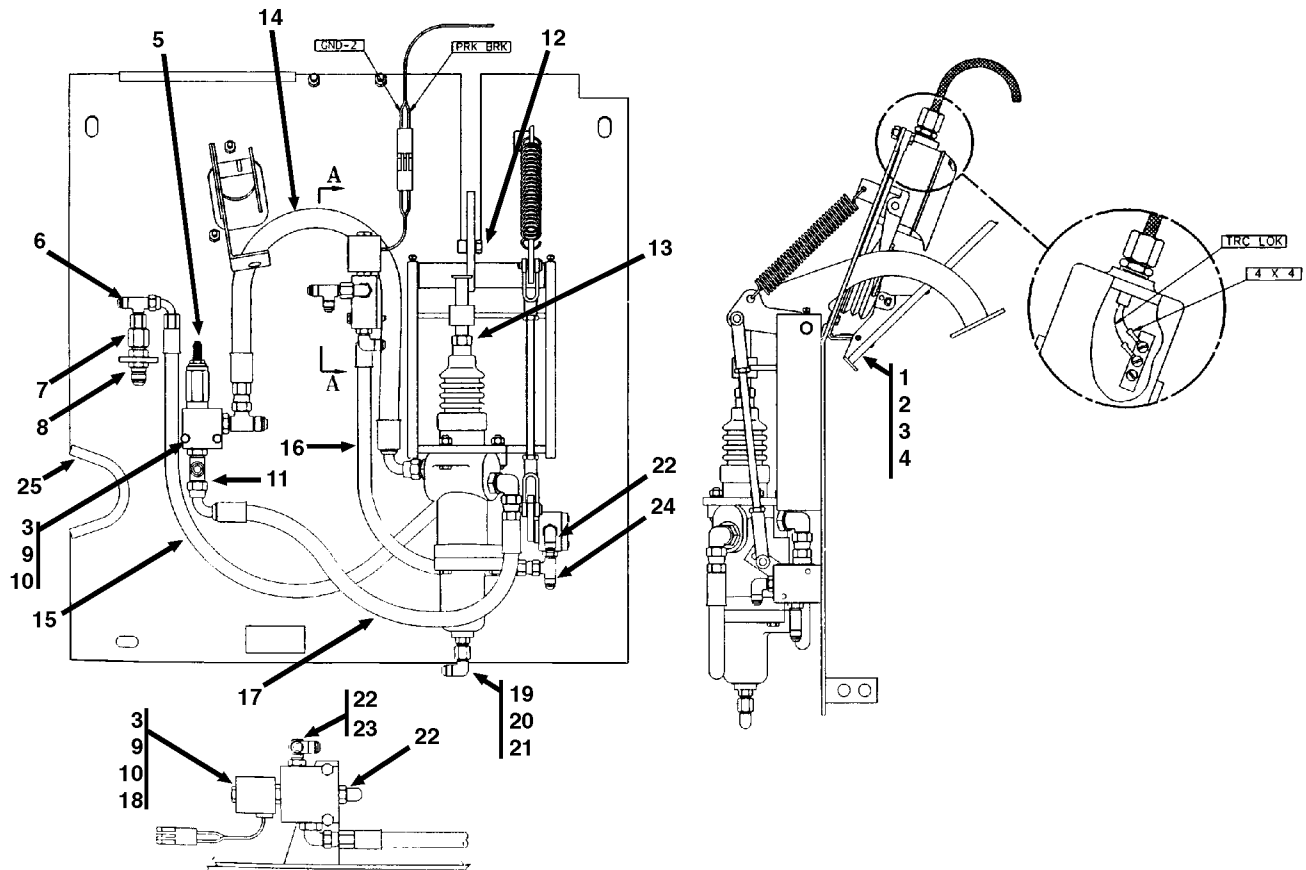


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
*	9114-3342	1	ACCELERATOR PEDAL ASSY, (includes items 1 thru 11 & 16)	7		1	PIN
*	9114-4431	1	CABLE SUPPORT BRACKET KIT, (includes items 1 & 16)	8		1	HAIRPIN COTTER
	9114-4432	1	CABLE ATTACH KIT, (includes items 2 thru 5)	9		1	JAM NUT
	9114-4197	1	BOOT KIT, (includes items 6 thru 9)	10		1	HEEL REST
	9114-4433	1	HEEL REST KIT, (includes items 10 and 11)	11		2	SCREW, (self tapping)
* 1		1	CABLE SUPPORT	12		Ref	THROTTLE CABLE, (see page 5-1 for details)
2		1	CLEVIS	13	8820-1003	3	HEX HD CAPSCREW, 1/4-20X3/4, GR5
3		1	PIN	14	8855-1009	3	LOCKWASHER, 1/4
		1	HAIRPIN COTTER, (not shown)	15	8850-1004	3	HEX NUT, 1/4-20
4		1	LOCK PLATE	*16		2	FLANGE NUT
5		1	CAPSCREW				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.
6		1	BOOT				

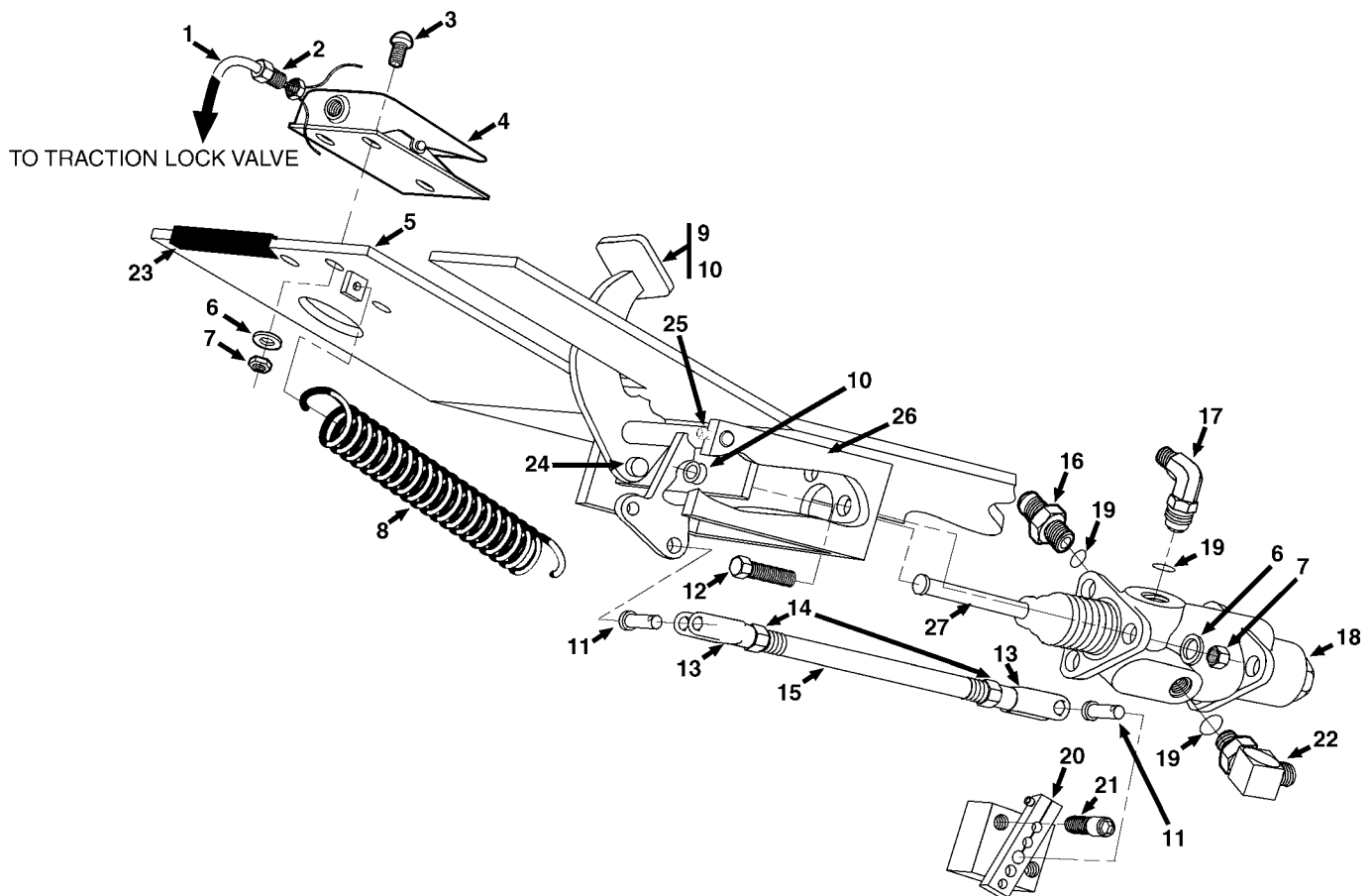


Item	Part No.	Qty.	Description Of Part
	9114-5103	1	FLOORPLATE ASSY (includes all items on both 7-4 pages)
1	9114-3193	1	DASH HARNESS
2	9114-3141	1	CORD CONNECTOR
3	8826-1024	3	BUTTON HD CAPSCREW
4	9108-3311	1	FOOT SWITCH
5	9114-6130	1	FLOORPLATE WELDMENT
6	8855-1010	7	LOCKWASHER, 5/16
7	8850-1005	6	HEX NUT, 5/16-18 x 1
8	9104-3286	1	SPRING
9	9108-6090	1	BRAKE PEDAL
10	9108-3136	4	BUSHING
11	9002-7987	2	CLEVIS PIN
12	8866-1022	3	HEX HD CAPSCREW, 5/16-18 x 1 1/2
13	8882-1004	2	YOKE END
14	8850-1406	2	JAM NUT
15	9108-1332	1	LINKAGE ROD
16	8866-2019	1	CONNECTOR (includes item 19)

Item	Part No.	Qty.	Description Of Part
17	9108-3310	1	ELBOW, 90 DEGREES (includes item 19)
18		Ref	BRAKE VALVE (see page 10-10)
19	8859-1206	3	O-RING
20		Ref	INCHING VALVE (see page 10-13)
21	8821-2228	2	SOCKET HD CAPSCREW
22	8866-2059	1	ELBOW, 90 DEGREES (includes item 19)
23	9020-6198	AR	TRIM-LOK
24	9108-3312	1	CAM ROLLER
25	8844-1001	2	SQUARE HD SET SCREW
26	9020-0284	1	SHAFT
27	9108-1445	1	PUSH ROD
NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			

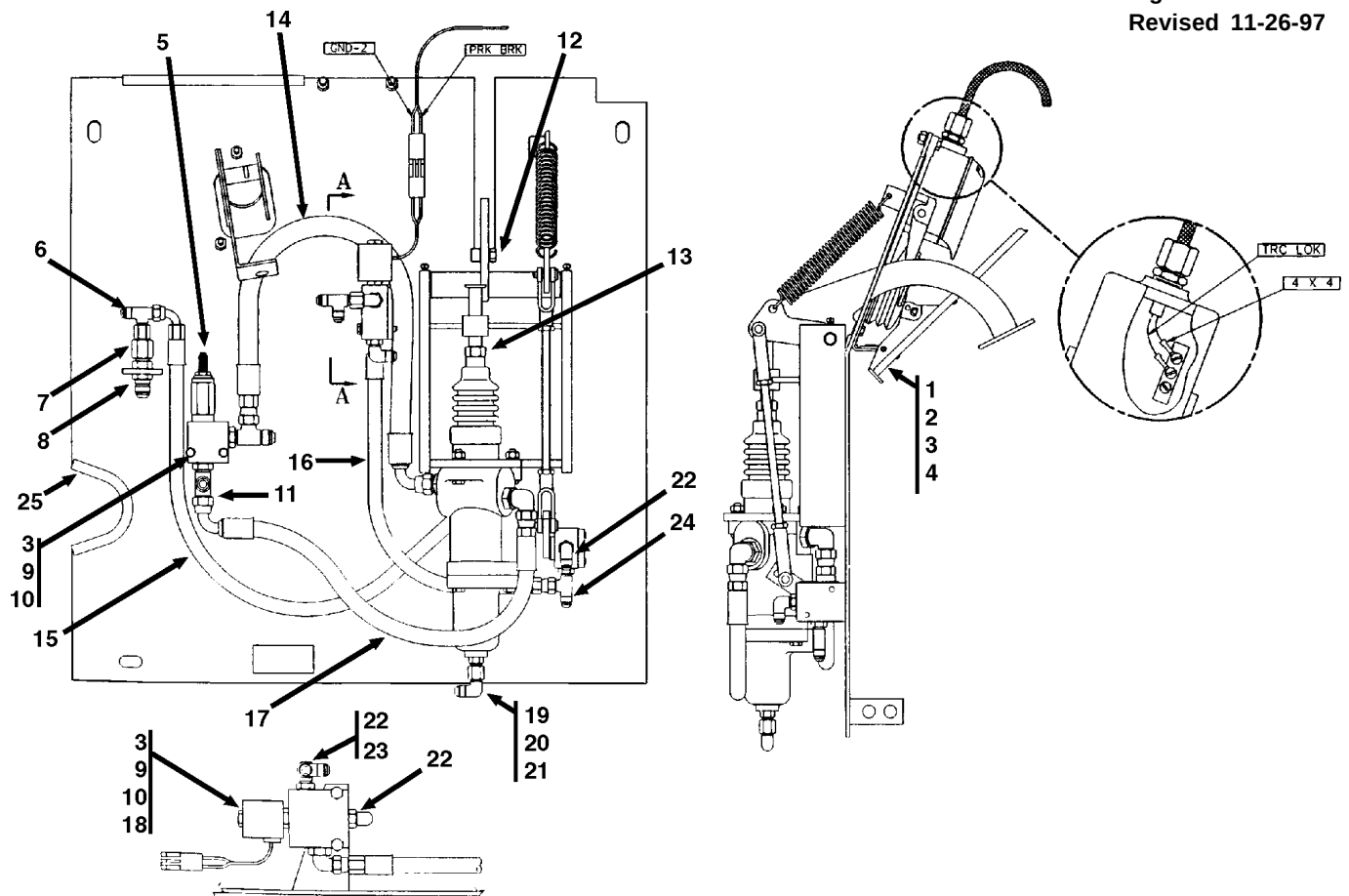


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-5103	1	FLOORPLATE ASSY (includes all items on both 7-4 pages)	16	8471-7889	1	HOSE ASSY
1	9114-3118	1	ACCELERATOR CONTROL ASSY	17	8471-8467	1	HOSE ASSY
2	8820-1003	3	HEX HD CAPSCREW, 1/4-20 x 3/4	18		Ref	SOLENOID VALVE (see page 10-11 for details)
3	8855-1009	7	LOCKWASHER, 1/4	19	8866-2105	1	ELBOW, 90 DEGREES
4	8850-1004	3	HEX NUT, 1/4-20	20	8363-3002	1	CONNECTOR
5	9114-3171	1	RELIEF VALVE	21	9020-7856	1	COPPER GASKET
6	8866-2224	1	BRANCH TEE (swivel nut)	22	8866-2064	3	ELBOW, 90 DEGREES (includes o-ring)
7	8688-3469	1	REDUCER		8859-1204	3	O-RING
8	8866-1085	1	BULKHEAD UNION, 3/4-16 x 1/2 TUBE	23	8866-2239	1	SWIVEL NUT RUN TEE
9	8820-1008	4	HEX HD CAPSCREW, 1/4-20 x 1 3/4	24	8866-2139	1	RUN TEE (includes o-ring)
10	8856-1107	4	FLAT WASHER, 1/4		8859-1204	1	O-RING
11	8866-2140	2	RUN TEE, (includes o-ring)	25	9020-6198	AR	TRIM-LOK
	8859-1205	2	O-RING				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.
12	8850-1405	1	JAM NUT, 5/16-24				
13	8850-1408	1	JAM NUT, 1/2-20				
14	8471-8548	1	HOSE ASSY				
15	8471-8496	1	HOSE ASSY				



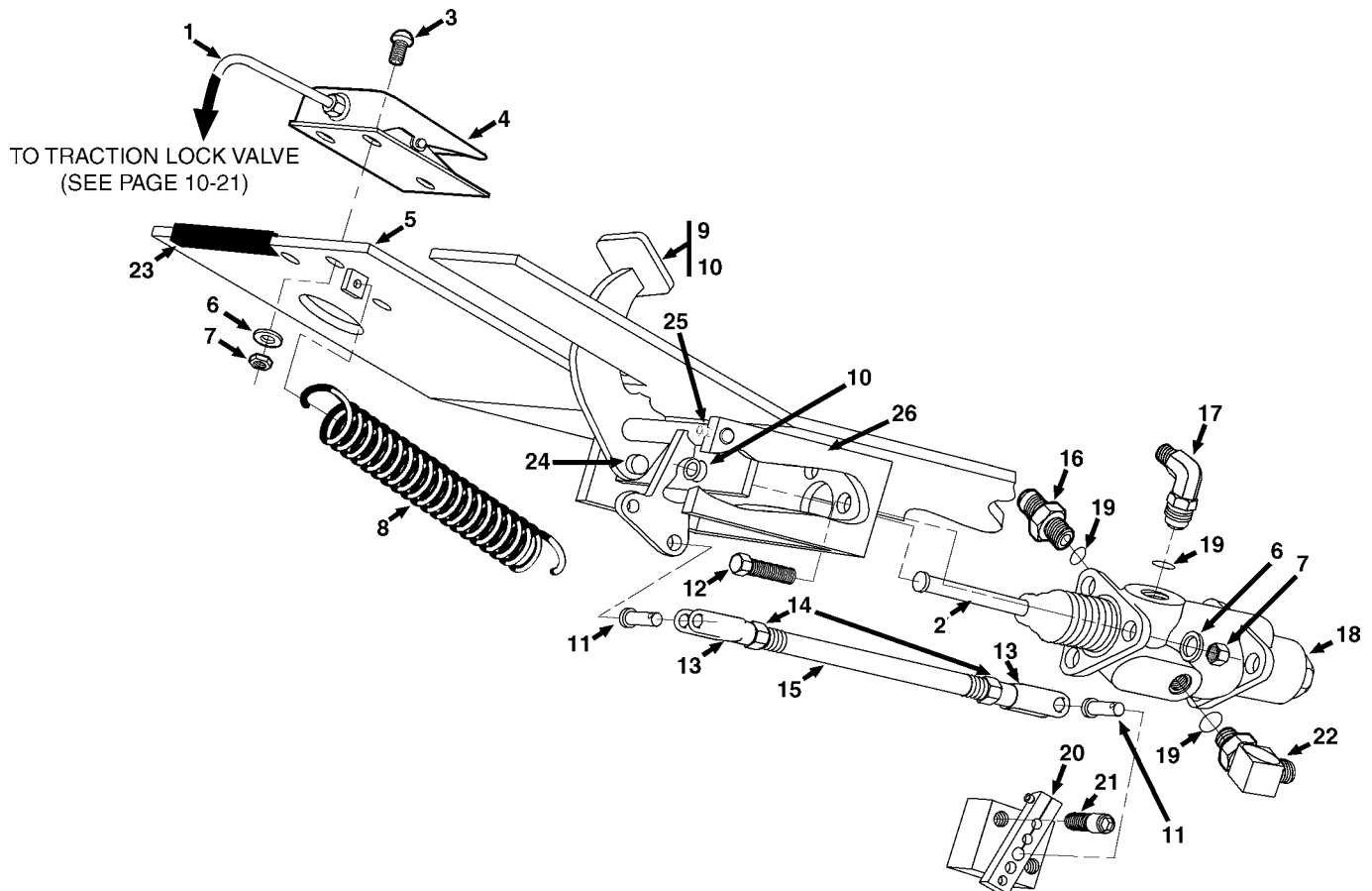
Item	Part No.	Qty.	Description Of Part
	9114-5104	1	FLOORPLATE ASSY (includes all items on both 7-4 pages)
1	9114-3193	1	DASH HARNESS
2	9114-3141	1	CORD CONNECTOR
3	8826-1024	3	BUTTON HD CAPSCREW, 5/16-18X1
4	9108-3311	1	FOOT SWITCH
5	9114-6131	1	FLOORPLATE WELDMENT
6	8855-1010	6	LOCKWASHER, 5/16
7	8850-1005	6	HEX NUT, 5/16-18 x 1
8	9104-3214	1	SPRING
9	9114-6059	1	BRAKE PEDAL
10	9108-3136	4	BUSHING
11	9002-7987	2	CLEVIS PIN
12	8866-1022	3	HEX HD CAPSCREW, 5/16-18 x 1 1/2, GR5
13	8882-1004	2	YOKE END
14	8850-1406	2	JAM NUT, 3/8-24

Item	Part No.	Qty.	Description Of Part
15	9108-1332	1	LINKAGE ROD
16	8866-2019	1	CONNECTOR (includes item 19)
17	9108-3310	1	ELBOW, 90 DEGREES (includes item 19)
18		Ref	BRAKE VALVE (see page 10-10, S/N 0344394 for details)
19	8859-1206	3	O-RING
20		Ref	INCHING VALVE (see page 10-13)
21	8821-2228	2	SOCKET HD CAPSCREW
22	8866-2059	1	ELBOW, 90 DEGREES (includes item 19)
23	9020-6198	AR	TRIM-LOK
24	9108-3312	1	CAM ROLLER
25	8844-1001	2	SQUARE HD SET SCREW, 1/4-20x1/2
26	9020-0284	1	SHAFT
27	9108-1445	1	PUSH ROD

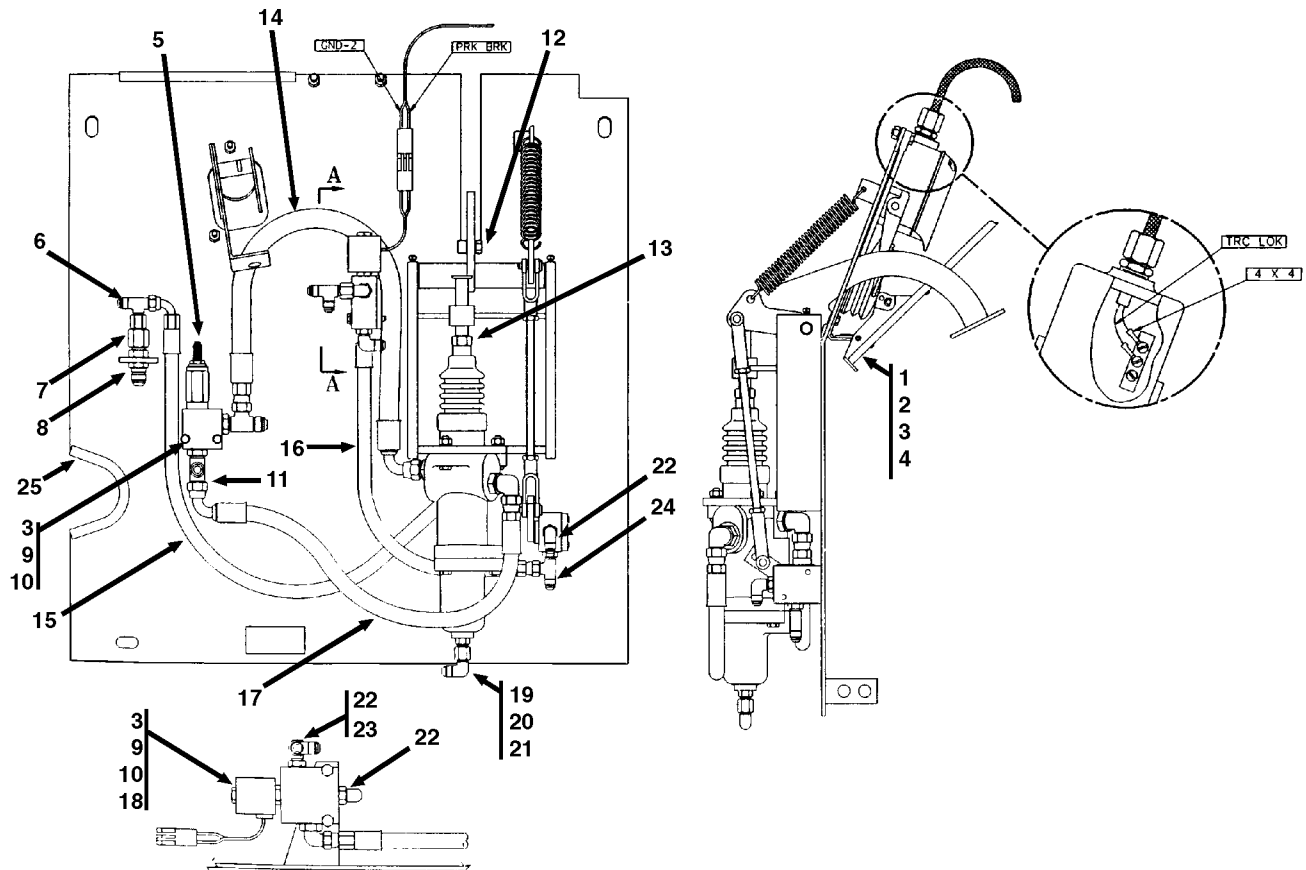


Item	Part No.	Qty.	Description Of Part
1	9114-5104	1	FLOORPLATE ASSY (includes all items on both 7-4 pages)
		Ref	ACCELERATOR CONTROL ASSY (see page 7-3 for details)
2	8820-1003	3	HEX HD CAPSCREW, 1/4-20 x 3/4, GR5
3	8855-1009	7	LOCKWASHER, 1/4
4	8850-1004	3	HEX NUT, 1/4-20
5	9114-3200	1	RELIEF VALVE
6	8866-2224	1	BRANCH TEE (swivel nut)
7	8688-3469	1	REDUCER
8	8866-1085	1	BULKHEAD UNION, 3/4-16 x 1/2 TUBE
9	8820-1008	4	HEX HD CAPSCREW, 1/4-20 x 1-3/4, GR5
10	8856-1107	4	FLAT WASHER, 1/4
11	8866-2140	2	RUN TEE, (includes o-ring)
	8859-1205	2	O-RING

Item	Part No.	Qty.	Description Of Part
12	8850-1405	1	JAM NUT, 5/16-24
13	8850-1408	1	JAM NUT, 1/2-20
14	8471-8548	1	HOSE ASSY
15	8471-8496	1	HOSE ASSY
16	8471-7889	1	HOSE ASSY
17	8471-8497	1	HOSE ASSY
18		Ref	SOLENOID VALVE (see page 10-11 for details)
19	8866-2105	1	ELBOW, 90 DEGREES
20	8363-3002	1	CONNECTOR
21	9020-7856	1	COPPER GASKET
22	8866-2064	4	ELBOW, 90 DEGREES (includes o-ring)
	8859-1204	4	O-RING
23	8866-2239	1	SWIVEL NUT RUN TEE
24	8866-2139	1	RUN TEE (includes o-ring)
	8859-1204	1	O-RING
25	9020-6198	AR	TRIM-LOK



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-5104	1	FLOORPLATE ASSY (includes all items on both 7-4 pages)	14	8850-1406	2	JAM NUT, 3/8-24
1	9114-3349	1	DASH HARNESS	15	9108-1332	1	LINKAGE ROD
2	9108-1445	1	PUSH ROD	16	8866-2019	1	CONNECTOR (includes item 19)
3	8826-1024	3	BUTTON HD CAPSCREW, 5/16-18X1	17	9108-3310	1	ELBOW, 90 DEGREES (includes item 19)
4	9116-3093	1	FOOT SWITCH	18		Ref	BRAKE VALVE (see page 10-10, for details)
5	9114-6131	1	FLOORPLATE WELDMENT	19	8859-1206	3	O-RING
6	8855-1010	6	LOCKWASHER, 5/16	20		Ref	INCHING VALVE (see page 10-13)
7	8850-1005	6	HEX NUT, 5/16-18 x 1	21	8821-2228	2	SOCKET HD CAPSCREW
8	9104-3214	1	SPRING	22	8866-2059	1	ELBOW, 90 DEGREES (includes item 19)
9	9114-6059	1	BRAKE PEDAL	23	9020-6198	AR	TRIM-LOK
10	9108-3136	4	BUSHING	24	9108-3312	1	CAM ROLLER
11	9002-7987	2	CLEVIS PIN	25	8844-1001	2	SQUARE HD SET SCREW, 1/4-20x1/2
12	8866-1022	3	HEX HD CAPSCREW, 5/16-18 x 1 1/2, GR5	26	9020-0284	1	SHAFT
13	8882-1004	2	YOKE END				



Item	Part No.	Qty.	Description Of Part
1	9114-5104	1	FLOORPLATE ASSY (includes all items on both 7-4 pages)
		Ref	ACCELERATOR CONTROL ASSY (see page 7-3 for details)
2	8820-1003	3	HEX HD CAPSCREW, 1/4-20 x 3/4, GR5
3	8855-1009	7	LOCKWASHER, 1/4
4	8850-1004	3	HEX NUT, 1/4-20
5	9114-3200	1	RELIEF VALVE
6	8866-2224	1	BRANCH TEE (swivel nut)
7	8688-3469	1	REDUCER
8	8866-1085	1	BULKHEAD UNION, 3/4-16 x 1/2 TUBE
9	8820-1008	4	HEX HD CAPSCREW, 1/4-20 x 1-3/4, GR5
10	8856-1107	4	FLAT WASHER, 1/4
11	8866-2140	2	RUN TEE, (includes o-ring)
	8859-1205	2	O-RING

Item	Part No.	Qty.	Description Of Part
12	8850-1405	1	JAM NUT, 5/16-24
13	8850-1408	1	JAM NUT, 1/2-20
14	8471-8548	1	HOSE ASSY
15	8471-8496	1	HOSE ASSY
16	8471-7889	1	HOSE ASSY
17	8471-8497	1	HOSE ASSY
18		Ref	SOLENOID VALVE (see page 10-11 for details)
19	8866-2105	1	ELBOW, 90 DEGREES
20	8363-3002	1	CONNECTOR
21	9020-7856	1	COPPER GASKET
22	8866-2064	4	ELBOW, 90 DEGREES (includes o-ring)
	8859-1204	4	O-RING
23	8866-2239	1	SWIVEL NUT RUN TEE
24	8866-2139	1	RUN TEE (includes o-ring)
	8859-1204	1	O-RING
25	9020-6198	AR	TRIM-LOK

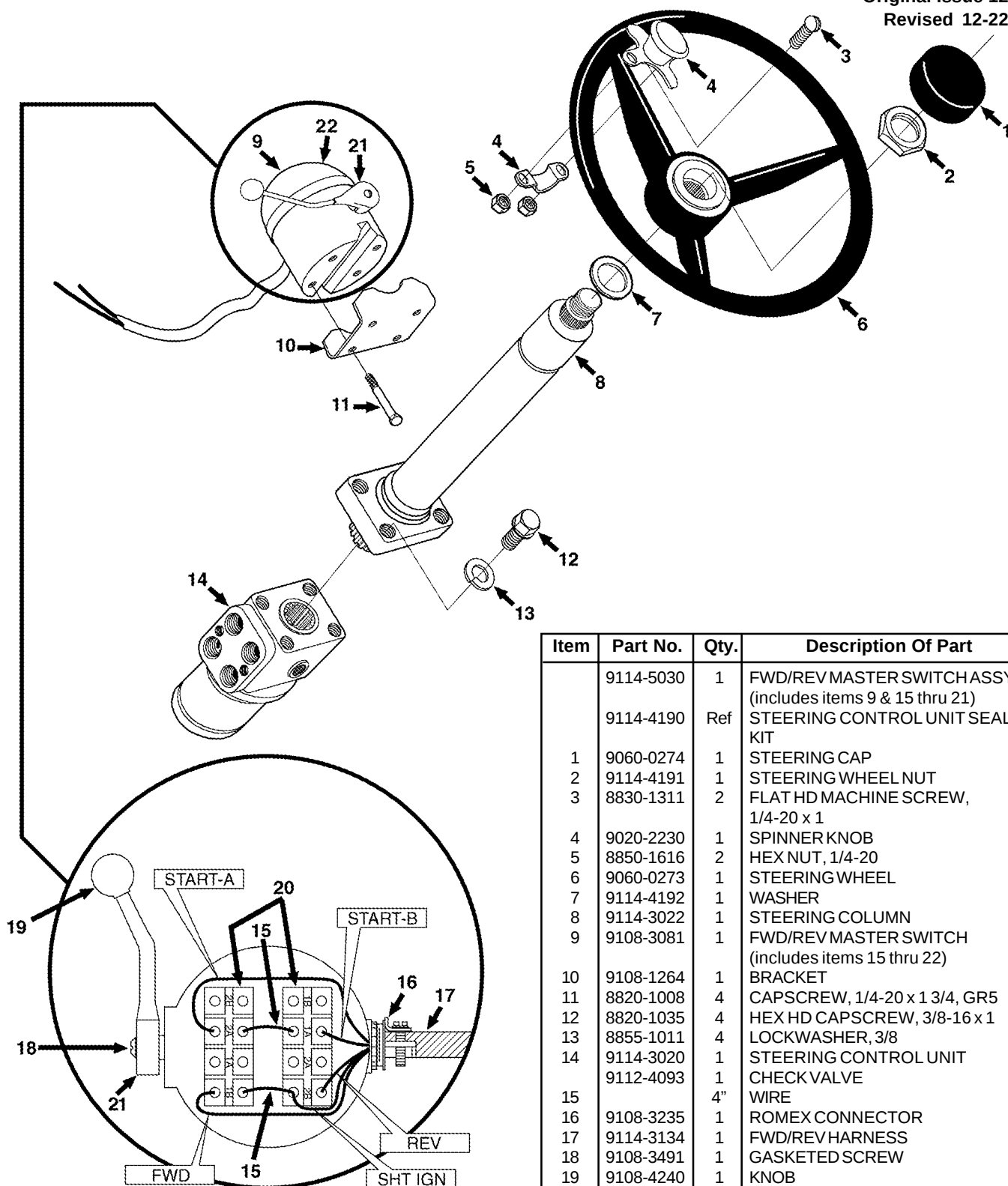
Steering Column & Attaching Parts

534C-9 Starting Serial No. 0344001 thru 0444002

534C-10 Starting Serial No. 0266001 thru 0266106

Original Issue 12-94

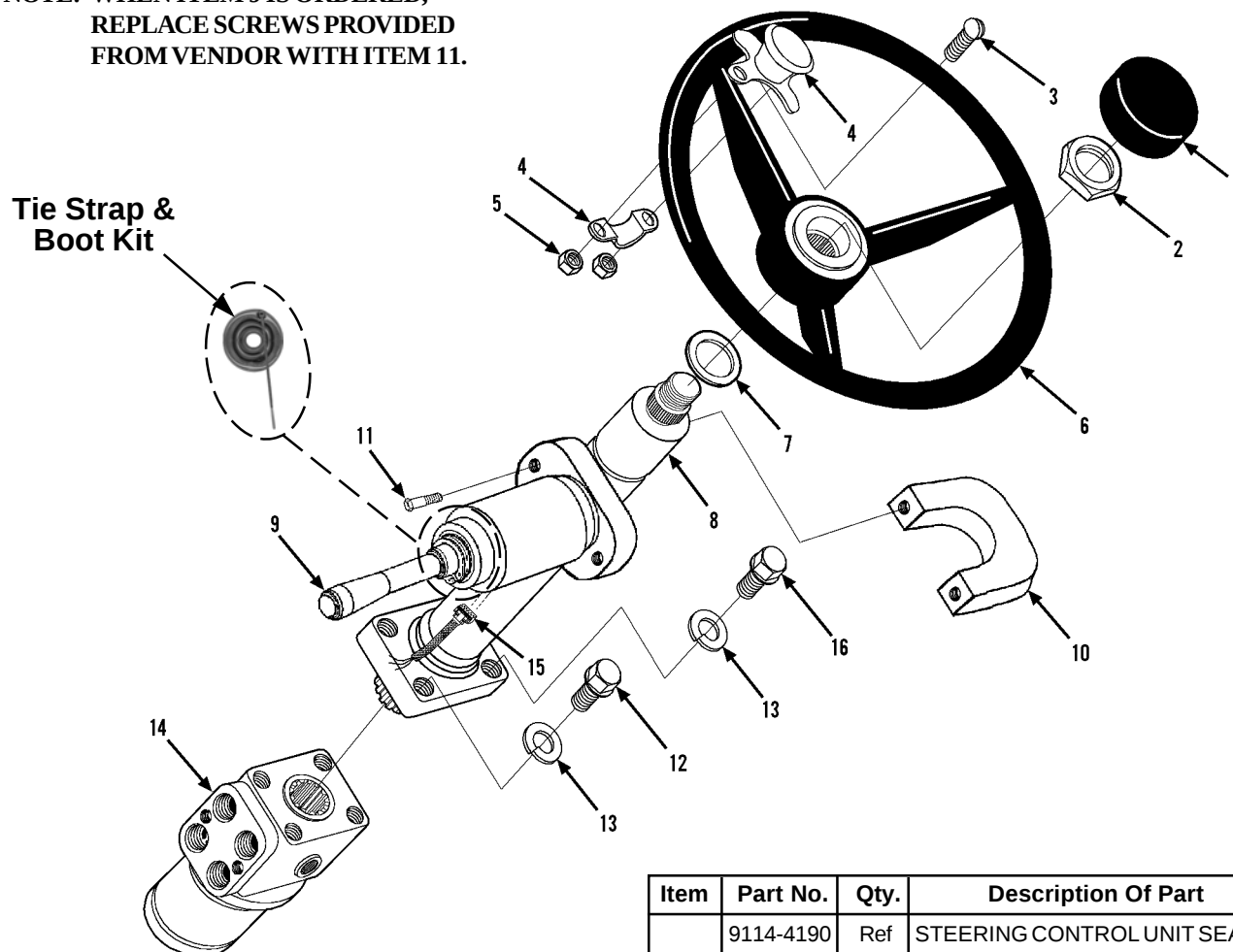
Revised 12-22-98



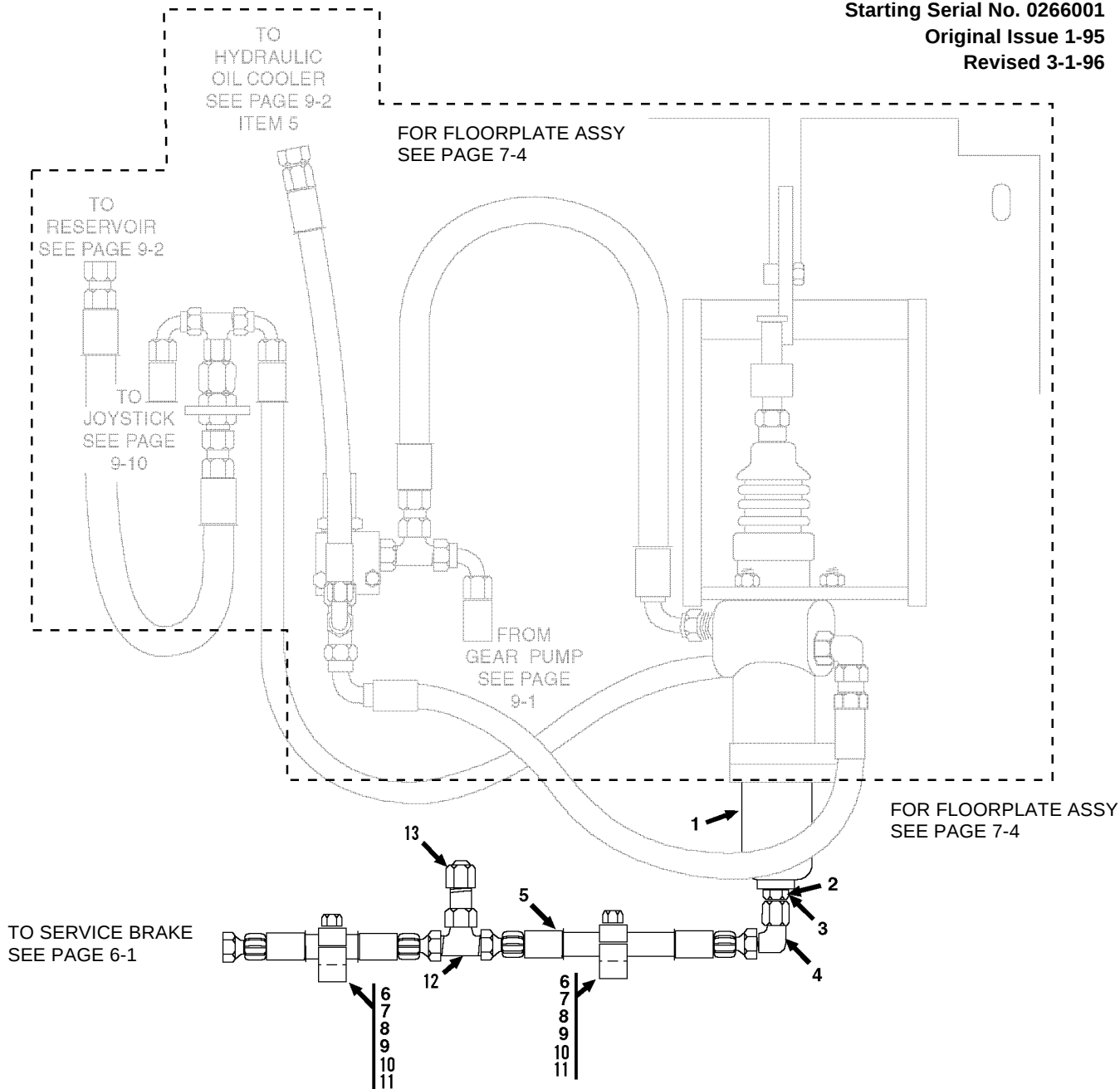
Item	Part No.	Qty.	Description Of Part
	9114-5030	1	FWD/REV MASTER SWITCH CHASSY (includes items 9 & 15 thru 21)
	9114-4190	Ref	STEERING CONTROL UNIT SEAL KIT
1	9060-0274	1	STEERING CAP
2	9114-4191	1	STEERING WHEEL NUT
3	8830-1311	2	FLAT HD MACHINE SCREW, 1/4-20 x 1
4	9020-2230	1	SPINNER KNOB
5	8850-1616	2	HEX NUT, 1/4-20
6	9060-0273	1	STEERING WHEEL
7	9114-4192	1	WASHER
8	9114-3022	1	STEERING COLUMN
9	9108-3081	1	FWD/REV MASTER SWITCH (includes items 15 thru 22)
10	9108-1264	1	BRACKET
11	8820-1008	4	CAPSCREW, 1/4-20 x 1 3/4, GR5
12	8820-1035	4	HEX HD CAPSCREW, 3/8-16 x 1
13	8855-1011	4	LOCKWASHER, 3/8
14	9114-3020	1	STEERING CONTROL UNIT
	9112-4093	1	CHECK VALVE
15		4"	WIRE
16	9108-3235	1	ROMEX CONNECTOR
17	9114-3134	1	FWD/REV HARNESS
18	9108-3491	1	GASKETED SCREW
19	9108-4240	1	KNOB
20	9108-4268	2	FWD/REV SWITCH
* 21	9108-4345	1	HANDLE ASSY W/KNOB
* 22	9114-4447	1	END COVER
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

* Added item 22, and corrected arrow for item 21.

**NOTE: WHEN ITEM 9 IS ORDERED,
REPLACE SCREWS PROVIDED
FROM VENDOR WITH ITEM 11.**



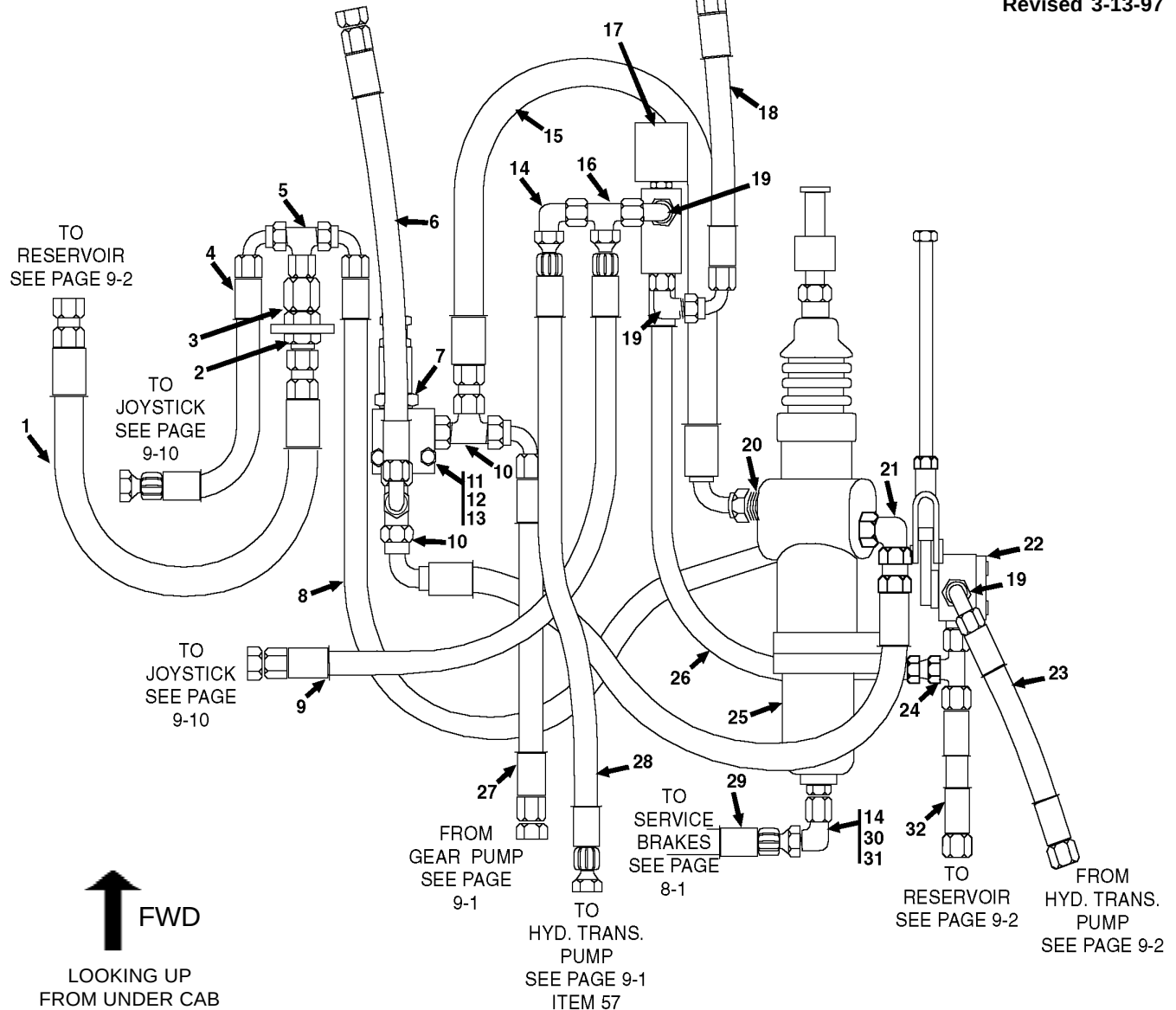
Item	Part No.	Qty.	Description Of Part
	9114-4190	Ref	STEERING CONTROL UNIT SEAL KIT
1	9114-4448	1	TIE STRAP & BOOT KIT
2	9060-0274	1	STEERING CAP
3	9114-4191	1	STEERING WHEEL NUT
4	8830-1311	2	FLAT HD MACHINE SCREW, 1/4-20X1
5	9020-2230	1	SPINNER KNOB
6	8850-1616	2	HEX NUT, 1/4-20
7	9060-0273	1	STEERING WHEEL
8	9114-4192	1	WASHER
9	9116-3012	1	STEERING COLUMN, (includes items 2 & 7)
* 10	9136-3025	1	F/N/R SHIFTER, (includes item 10)
11	9114-4458	1	CLAMP SET
12	8319-1059	2	HEX HD CAPSCREW, M5X0.8, (torque to 30-35 in.lbs.)
13	8820-1035	2	HEX HD CAPSCREW, 3/8-16X1, GR5
14	8855-1011	4	LOCKWASHER, 3/8
15	9112-3126	1	STEERING CONTROL UNIT
16	9114-3349	1	DASH WIRING HARNESS
	8820-1033	2	HEX HD CAPSCREW, 3/8-16X3/4, GR5
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE



Item	Part No.	Qty.	Description Of Part
1		Ref	BRAKE VALVE (see page 10-10 for details)
2	9020-7856	1	COPPER GASKET
3	8363-3002	1	MALE CONNECTOR
4	8866-2105	1	ELBOW, 90 DEGREES (swivel nut)
5	8471-7641	1	HOSE ASSY
6	7732-3029	2	CLAMP SET
7	7713-3168	2	CLAMP SET
8	7713-3137	2	COVER
9	7713-3389	2	STACK BOLT
10	8820-1023	2	HEX HD CAPSCREW, 5/16-18X1-3/4, GR5
11	7713-3390	2	SAFETY CLIP
12	8866-1305	1	UNION TEE, 3/8 TUBE
13	9114-3172	1	MINI CHECK VALVE

TO
 HYDRAULIC
 OIL COOLER
 SEE PAGE 9-2
 ITEM 5

TO
 PARKING
 BRAKE SEE
 PAGE 6-1

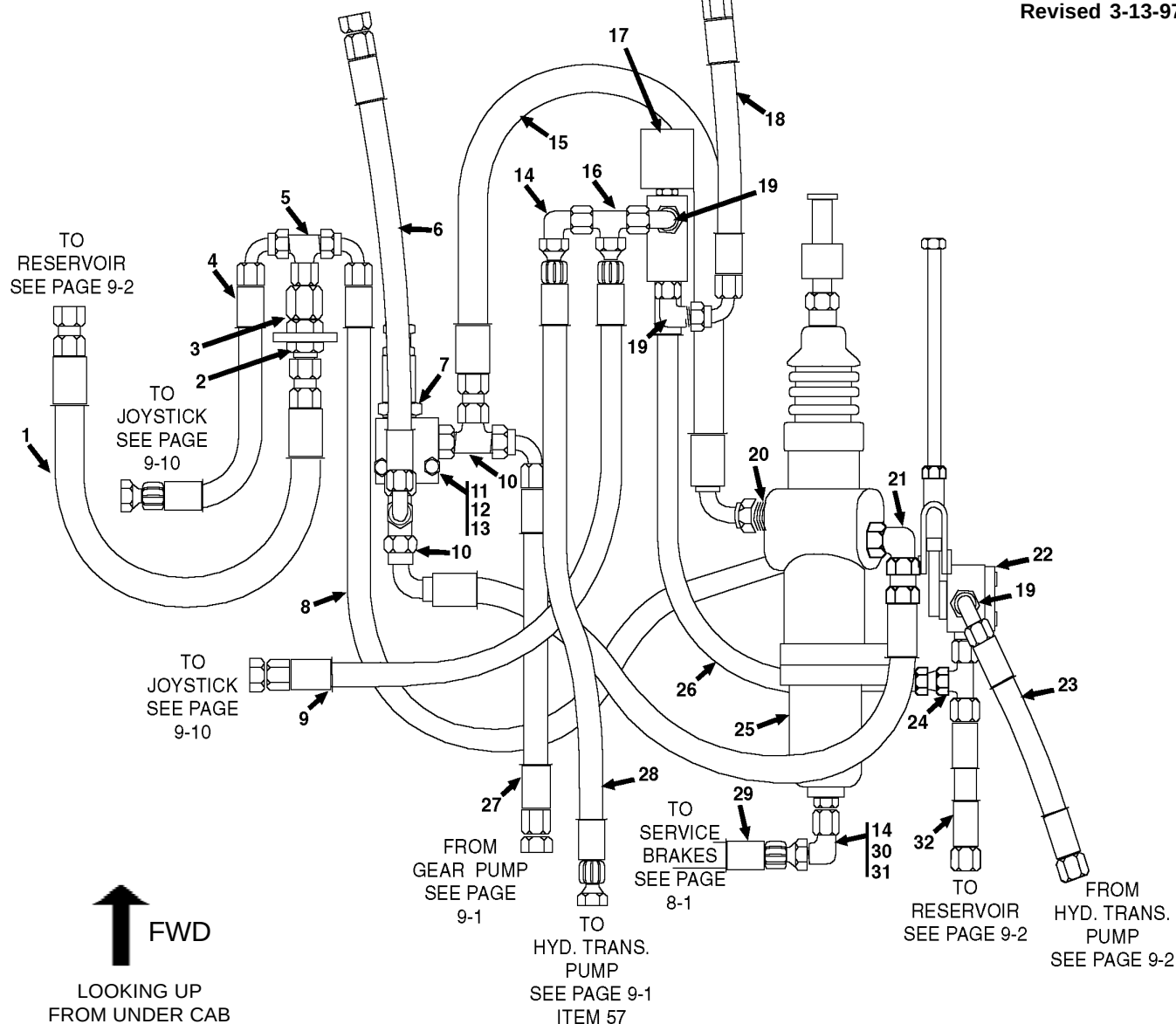


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
* 1	8471-8748	1	HOSE ASSY	19	8866-2064	3	ELBOW, 90 DEGREES (includes o-ring)
2	8866-1085	1	BULKHEAD FITTING		8859-1204	3	O-RING
3	8866-3469	1	REDUCER	20	8866-2019	1	CONNECTOR (includes o-ring)
4	7713-3167	1	HOSE ASSY		8859-1206	1	O-RING
5	8866-2224	1	SWIVEL NUT BRANCH TEE, 3/8 TUBE	21	8866-2059	1	ELBOW, 90 DEGREES (includes o-ring)
6	8471-8498	1	HOSE ASSY		8859-1206	1	O-RING
7	9114-3171	1	RELIEF VALVE	22		Ref	INCHING VALVE (see page 10-13 for details)
8	8471-8496	1	HOSE ASSY	23	8471-8478	1	HOSE ASSY
9	7713-3197	1	HOSE ASSY	24	8866-2139	1	RUN TEE (includes o-ring)
10	8866-2140	2	RUN TEE (includes o-ring)		8859-1204	1	O-RING
	8859-1205	2	O-RING	25		Ref	BRAKE VALVE (see page 10-10 for details)
11	8820-1008	2	HEX HD CAPSCREW, 1/4-20 x 1 3/4	26	8471-7889	1	HOSE ASSY
12	8856-1107	2	FLAT WASHER, 1/4	27	8471-8547	1	HOSE ASSY
13	8855-1009	2	LOCKWASHER, 1/4	28	8471-7341	1	HOSE ASSY
14	8866-2105	2	ELBOW, 90 DEGREES	29	8471-7641	1	HOSE ASSY
15	8471-8548	1	HOSE ASSY	30	8363-3002	1	CONNECTOR, MALE
16	8866-2239	1	SWIVEL NUT RUN TEE, 3/8 TUBE	31	9020-7856	1	COPPER GASKET
17		Ref	SOLENOID VALVE (see page 10-11 for details)	32	8471-8387	1	HOSE ASSY
18	8471-8526	1	HOSE ASSY				

TO
 HYDRAULIC
 OIL COOLER
 SEE PAGE 9-2
 ITEM 5

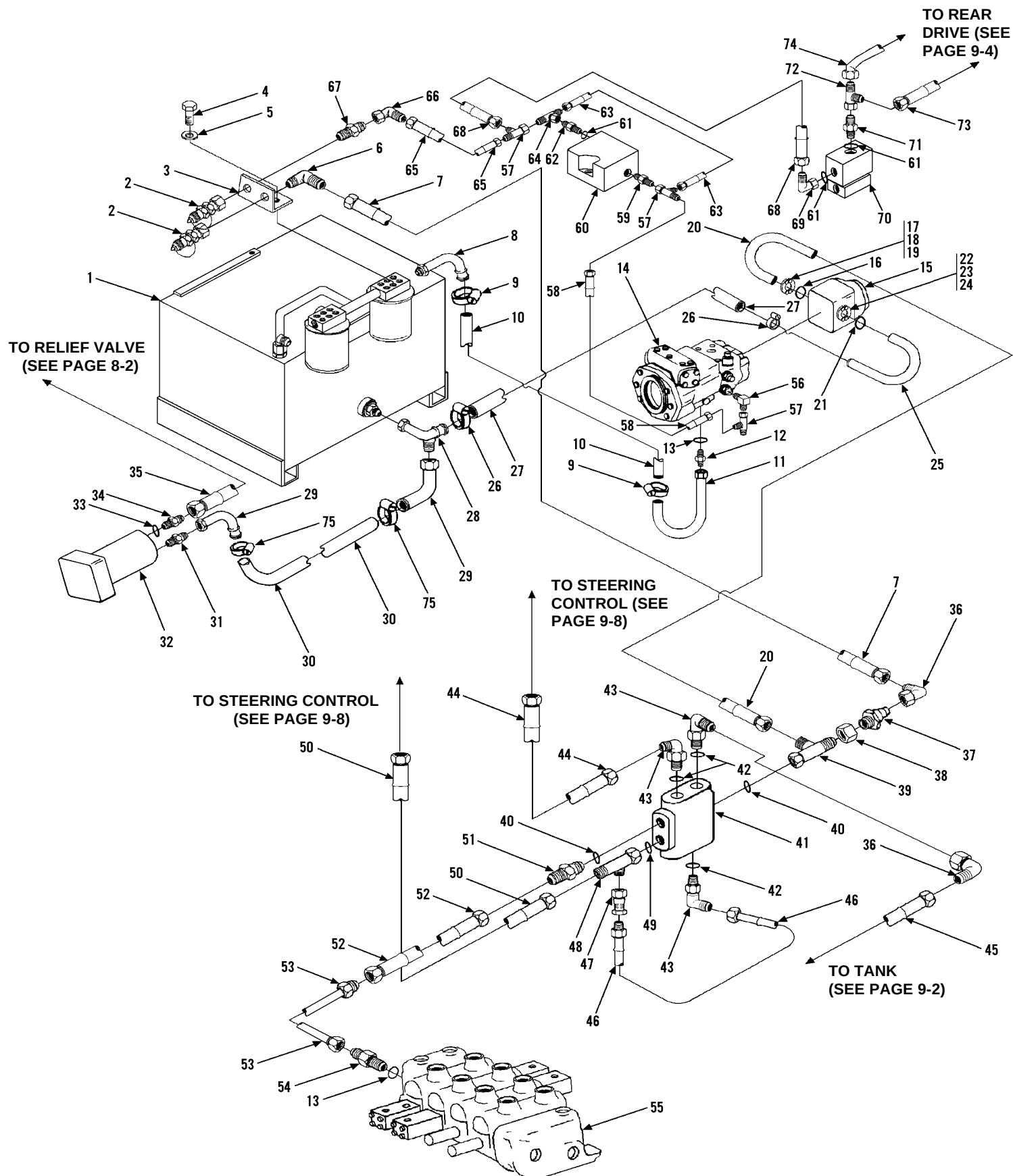
TO
 PARKING
 BRAKE SEE
 PAGE 6-1

BRAKES
Inching & Parking Brake Lines
534C-9 Starting Serial No. 0344394
534C-10 Starting Serial No. 0266057
Original Issue 3-96
Revised 3-13-97



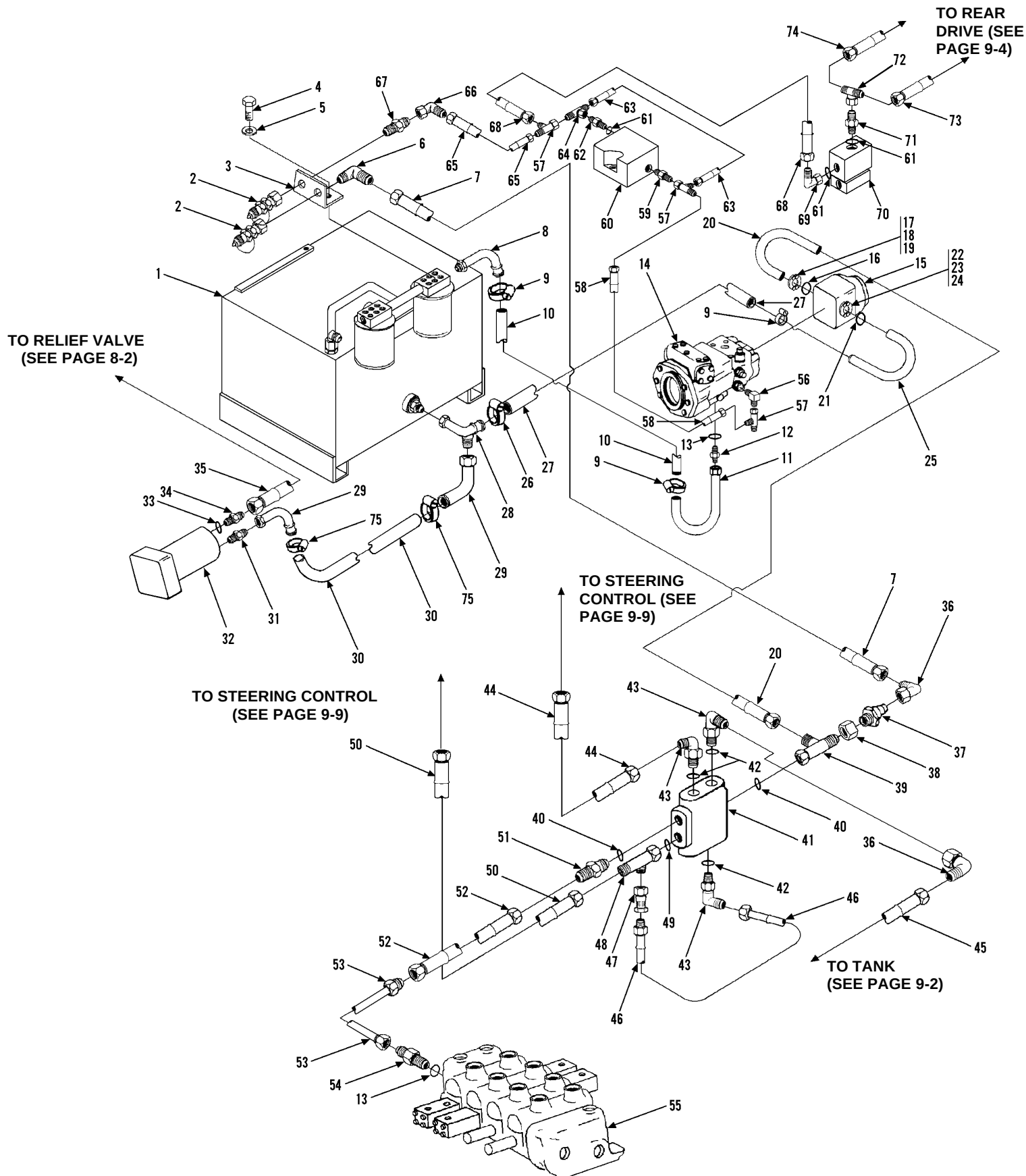
Item	Part No.	Qty.	Description Of Part
* 1	8471-8748	1	HOSE ASSY
2	8866-1085	1	BULKHEAD FITTING
3	8866-3469	1	REDUCER
4	7713-3167	1	HOSE ASSY
5	8866-2224	1	SWIVEL NUT BRANCH TEE, 3/8 TUBE
6	8471-8498	1	HOSE ASSY
7	9114-3200	1	RELIEF VALVE
8	8471-8496	1	HOSE ASSY
9	7713-3197	1	HOSE ASSY
10	8866-2140	2	RUN TEE (includes o-ring)
	8859-1205	2	O-RING
11	8820-1008	2	HEX HD CAPSCREW, 1/4-20 x 1 3/4, GR5
12	8856-1107	2	FLAT WASHER, 1/4
13	8855-1009	2	LOCKWASHER, 1/4
14	8866-2105	2	ELBOW, 90 DEGREES
15	8471-8548	1	HOSE ASSY
16	8866-2239	1	SWIVEL NUT RUN TEE, 3/8 TUBE
17		Ref	SOLENOID VALVE (see page 10-11 for details)
18	8471-8729	1	HOSE ASSY

Item	Part No.	Qty.	Description Of Part
19	8866-2064	3	ELBOW, 90 DEGREES (includes o-ring)
	8859-1204	3	O-RING
20	8866-2019	1	CONNECTOR (includes o-ring)
	8859-1206	1	O-RING
21	8866-2059	1	ELBOW, 90 DEGREES (includes o-ring)
	8859-1206	1	O-RING
22		Ref	INCHING VALVE (see page 10-13 for details)
23	8471-8478	1	HOSE ASSY
24	8866-2139	1	RUN TEE (includes o-ring)
	8859-1204	1	O-RING
25		Ref	BRAKE VALVE (see page 10-10 for details)
26	8471-7889	1	HOSE ASSY
27	8471-8547	1	HOSE ASSY
28	8471-7341	1	HOSE ASSY
29	8471-7641	1	HOSE ASSY
30	8363-3002	1	CONNECTOR, MALE
31	9020-7856	1	COPPER GASKET
32	8471-8387	1	HOSE ASSY

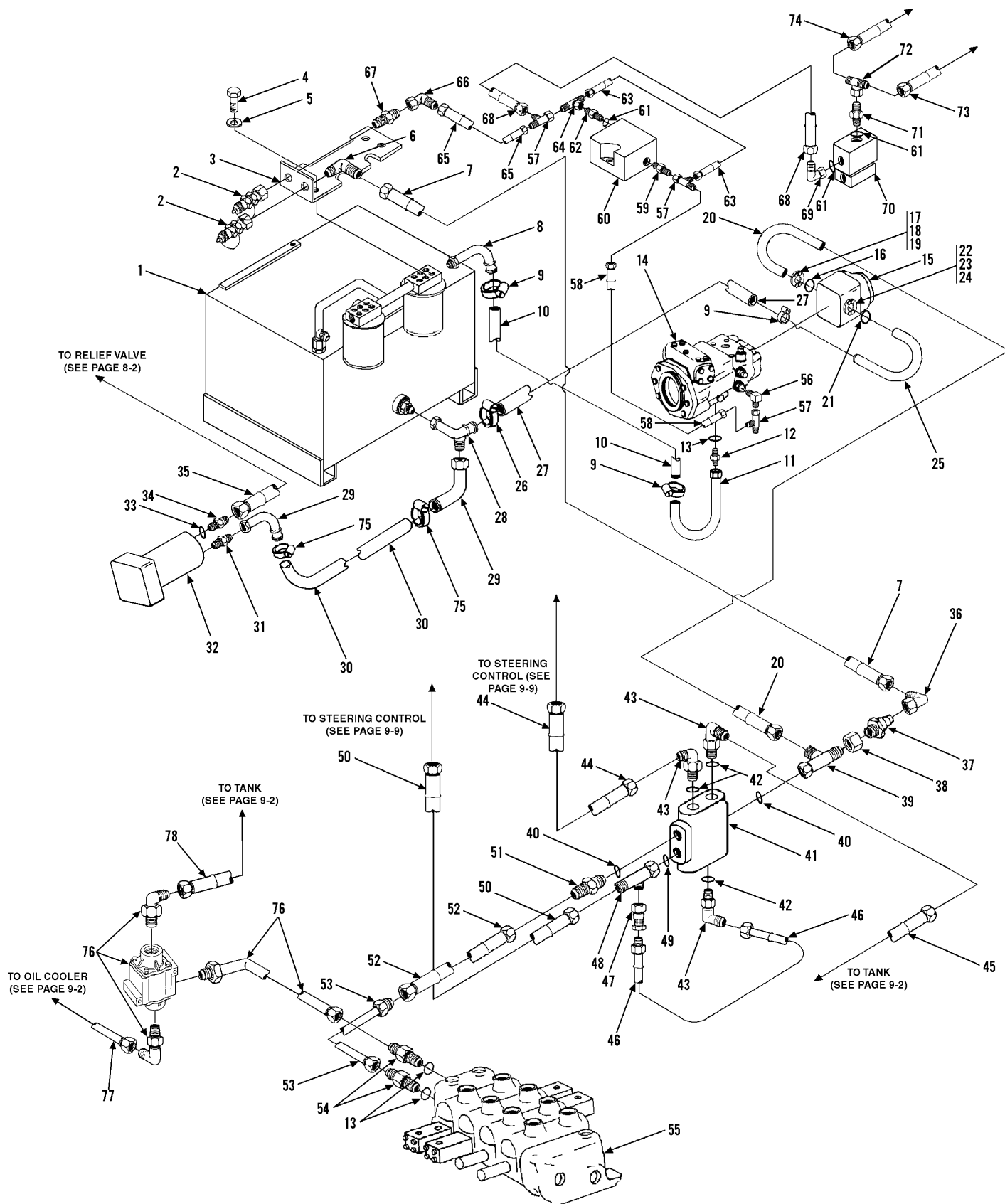


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1		Ref	HYDRAULIC RESERVOIR ASSY (see page 10-15 for details)	38	8866-1408	1	NUT
* 2	9114-3172	2	MINI CHECK COUPLING(includes o-ring)	39	8866-2142	1	RUN TEE (includes item 40)
	8859-1210	2	O-RING	40	8859-1207	2	O-RING
3	9114-1222	1	BRACKET	41		Ref	PRIORITY FLOW CONTROL VALVE (see page 10-9 for details)
4	8820-1016	2	HEX HD CAPSCREW, 5/16-16X1-1/4, GR5	42	8859-1202	3	O-RING
5	8856-1005	6	WASHER, 1/2	43	8866-2062	3	ELBOW, 90 DEGREES (includes item 42)
6	9002-7179	1	BULKHEAD UNION, 90 DEGREES	44	8471-6221	1	HOSE ASSY
7	8471-8368	1	HOSE ASSY	45	8471-8479	1	HOSE ASSY
* 8	8067-3009	1	ADAPTER, 90 DEGREES	46	8471-8339	1	HOSE ASSY
9	9002-8695	2	BAND CLAMP	47	8866-1341	1	TUBE END REDUCER (1/2-1/4)
10	9114-3143	1	HOSE ASSY		8866-1406	1	NUT
11	9114-3087	1	INTAKE TUBE	48	8866-2140	1	RUN TEE (includes item 49)
12	8866-2011	1	CONNECTOR (includes item 13)	49	8859-1205	1	O-RING
13	8859-1210	2	O-RING	50	8471-8347	1	HOSE ASSY
14		Ref	HYDROSTATIC TRANSMISSION (see page 10-18 for details)	51	8866-2027	1	CONNECTOR (includes item 40)
15		Ref	MAIN HYDRAULIC PUMP (see page 10-17 for details)	52	8471-8338	1	HOSE ASSY
16	8859-1024	1	O-RING	53	9114-3058	1	TUBE ASSY
17	8471-1333	2	SPLIT FLANGE CLAMP	54	8866-2028	1	CONNECTOR (includes item 13)
18	8820-1036	4	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5	55		Ref	MAIN CONTROL VALVE (see page 10-14 for details)
19	8855-1011	4	LOCKWASHER, 3/8	56	9108-3222	1	REDUCING CONNECTOR, 90 DEGREES
20	8471-8369	1	HOSE ASSY	57	8866-2239	3	SWIVEL NUT RUN TEE, 3/8 TUBE
21	8859-1027	1	O-RING	58	7713-3447	1	HOSE ASSY
22	8471-1334	2	SPLIT FLANGE CLAMP	59	9108-3306	1	CONNECTOR (includes item 33)
23	8820-1051	4	HEX HD CAPSCREW, 7/16-14X1-1/4, GR5	60		Ref	TRACTION LOCK VALVE (see page 10-21 for details)
24	8855-1012	4	LOCKWASHER, 7/16	61	8859-1204	3	O-RING
25	9114-3121	1	SUCTION TUBE	62	8866-2005	1	CONNECTOR (includes item 61)
26	9002-8482	2	HOSE CLAMP	63	8471-8349	1	HOSE ASSY
27	9114-3185	1	HOSE ASSY	64	8866-2224	1	SWIVEL NUT BRANCH TEE
28	9114-3175	1	TUBE ASSY	65	8471-8370	1	HOSE ASSY
29	9114-3183	2	TUBE ASSY	66	8866-2105	1	ELBOW, 90 DEGREES (swivel nut)
30	9114-3184	1	HOSE ASSY	67	8866-1084	1	BULKHEAD UNION
31	9114-3176	1	STRAIGHT THREAD ADAPTER	68	8471-8425	1	HOSE ASSY
32		Ref	HYDRAULIC GEAR PUMP (see page 10-19 for details)	69	8866-2064	1	ELBOW, 90 DEGREES (includes item 61)
33	8859-1206	2	O-RING	70		Ref	SOLENOID VALVE (see page 10-11 for details)
34	8866-2019	1	CONNECTOR (includes item 33)	71	8866-2017	1	CONNECTOR (includes item 61)
35	8471-8547	1	HOSE ASSY	72	8866-2237	1	SWIVEL NUT RUN TEE, 1/4 TUBE
36	8866-2103	2	ELBOW, 90 DEGREES (swivel nut)	73	8471-8354	1	HOSE ASSY
37	8866-1344	1	TUBE END REDUCER	74	8471-8356	1	HOSE ASSY
				*75	8063-3030	2	HOSE CLAMP

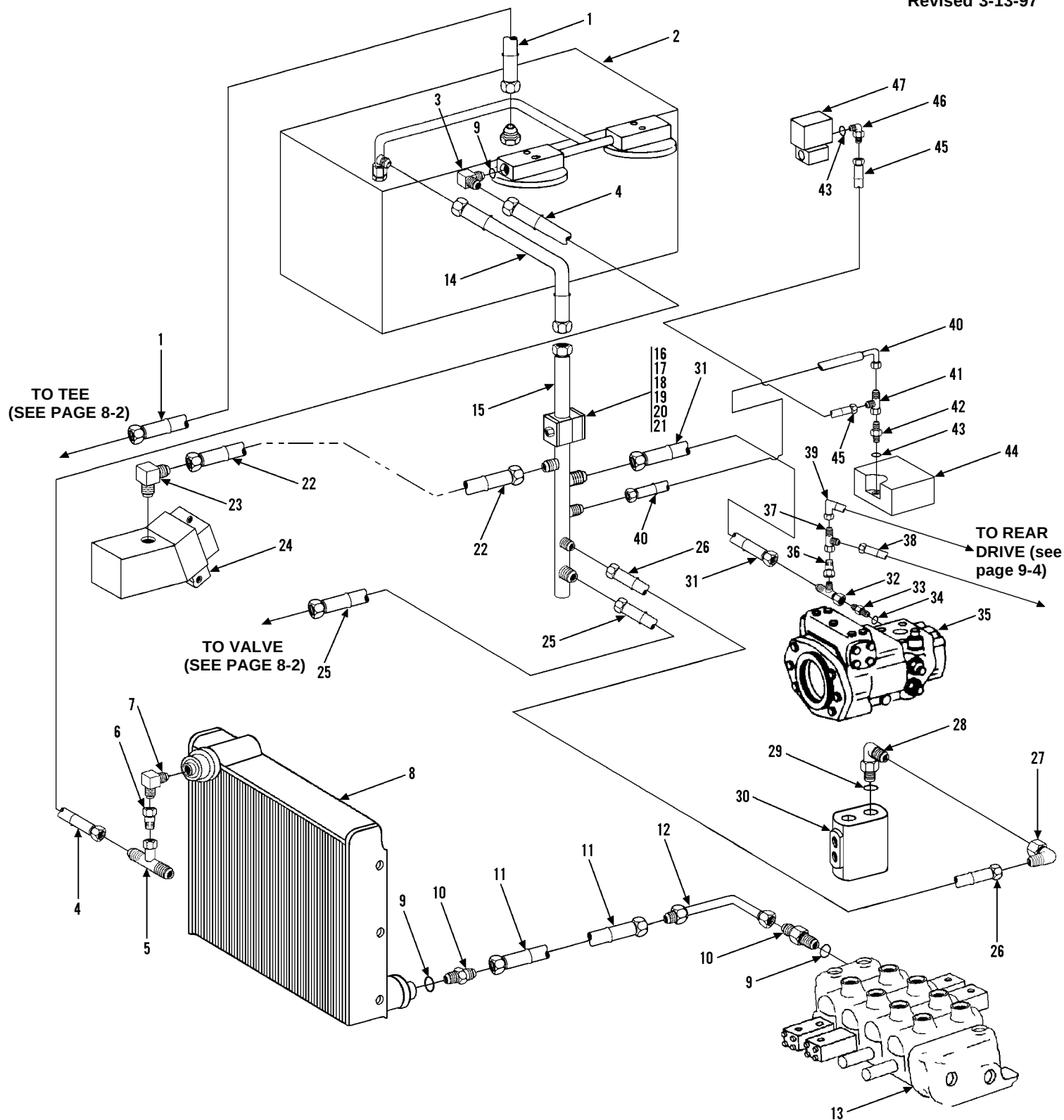
**Added o-ring to item 2, changed part number on item 8, removed item 75 and changed
item 76 to 75.*



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1		Ref	HYDRAULIC RESERVOIR ASSY (see page 10-15 for details)	38	8866-1408	1	NUT
2	9114-3172	2	MINI CHECK COUPLING (includes o-ring)	39	8866-2142	1	RUN TEE (includes item 40)
	8859-1210	2	O-RING	40	8859-1207	2	O-RING
3	9114-1222	1	BRACKET	41		Ref	PRIORITY FLOW CONTROL VALVE (see page 10-9 for details)
4	8820-1016	2	HEX HD CAPSCREW, 5/16-16X1-1/4, GR5	42	8859-1202	3	O-RING
5	8856-1005	6	WASHER, 1/2	43	8866-2062	3	ELBOW, 90 DEGREES (includes item 42)
6	9002-7179	1	BULKHEAD UNION, 90 DEGREES	44	8471-6221	1	HOSE ASSY
7	8471-8368	1	HOSE ASSY	45	8471-8479	1	HOSE ASSY
8	8067-3009	1	ADAPTER, 90 DEGREES	46	8471-8339	1	HOSE ASSY
9	9002-8695	3	BAND CLAMP	47	8866-1341	1	TUBE END REDUCER (1/2-1/4)
10	9114-3143	1	HOSE ASSY		8866-1406	1	NUT
11	9114-3087	1	INTAKE TUBE	48	8866-2140	1	RUN TEE (includes item 49)
12	8866-2011	1	CONNECTOR (includes item 13)	49	8859-1205	1	O-RING
13	8859-1210	2	O-RING	50	8471-8347	1	HOSE ASSY
14		Ref	HYDROSTATIC TRANSMISSION (see page 10-18 for details)	51	8866-2027	1	CONNECTOR (includes item 40)
15		Ref	MAIN HYDRAULIC PUMP (see page 10-17 for details)	52	8471-8338	1	HOSE ASSY
16	8859-1024	1	O-RING	53	9114-3058	1	TUBE ASSY
17	8471-1333	2	SPLIT FLANGE CLAMP	54	8866-2028	1	CONNECTOR (includes item 13)
18	8820-1036	4	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5	55		Ref	MAIN CONTROL VALVE (see page 10-14 for details)
19	8855-1011	4	LOCKWASHER, 3/8	56	9108-3222	1	REDUCING CONNECTOR, 90 DEGREES
20	8471-8369	1	HOSE ASSY	57	8866-2239	3	SWIVEL NUT RUN TEE, 3/8 TUBE
21	8859-1027	1	O-RING	58	7713-3447	1	HOSE ASSY
22	8471-1334	2	SPLIT FLANGE CLAMP	59	9108-3306	1	CONNECTOR (includes item 33)
23	8820-1051	4	HEX HD CAPSCREW, 7/16-14X1-1/4, GR5	60		Ref	TRACTION LOCK VALVE (see page 10-21 for details)
24	8855-1012	4	LOCKWASHER, 7/16	61	8859-1204	3	O-RING
25	9114-3121	1	SUCTION TUBE	62	8866-2005	1	CONNECTOR (includes item 61)
26	9002-8482	2	HOSE CLAMP	63	8471-8349	1	HOSE ASSY
27	9114-3185	1	HOSE ASSY	64	8866-2224	1	SWIVEL NUT BRANCH TEE
28	9114-3175	1	TUBE ASSY	65	8471-8370	1	HOSE ASSY
29	9114-3183	2	TUBE ASSY	66	8866-2105	1	ELBOW, 90 DEGREES (swivel nut)
30	9114-3184	1	HOSE ASSY	67	8866-1084	1	BULKHEAD UNION
31	9114-3176	1	STRAIGHT THREAD ADAPTER	68	8471-8425	1	HOSE ASSY
32		Ref	HYDRAULIC GEAR PUMP (see page 10-19 for details)	69	8866-2064	1	ELBOW, 90 DEGREES (includes item 61)
33	8859-1206	2	O-RING	70		Ref	SOLENOID VALVE (see page 10-11 for details)
34	8866-2019	1	CONNECTOR (includes item 33)	71	8866-2017	1	CONNECTOR (includes item 61)
35	8471-8547	1	HOSE ASSY	72	8866-2222	1	SWIVEL NUT BRANCH TEE, 1/4 TUBE
36	8866-2103	2	ELBOW, 90 DEGREES (swivel nut)	73	8471-8849	1	HOSE ASSY
37	8866-1344	1	TUBE END REDUCER	74	8471-8848	1	HOSE ASSY
				75	8063-3030	2	HOSE CLAMP



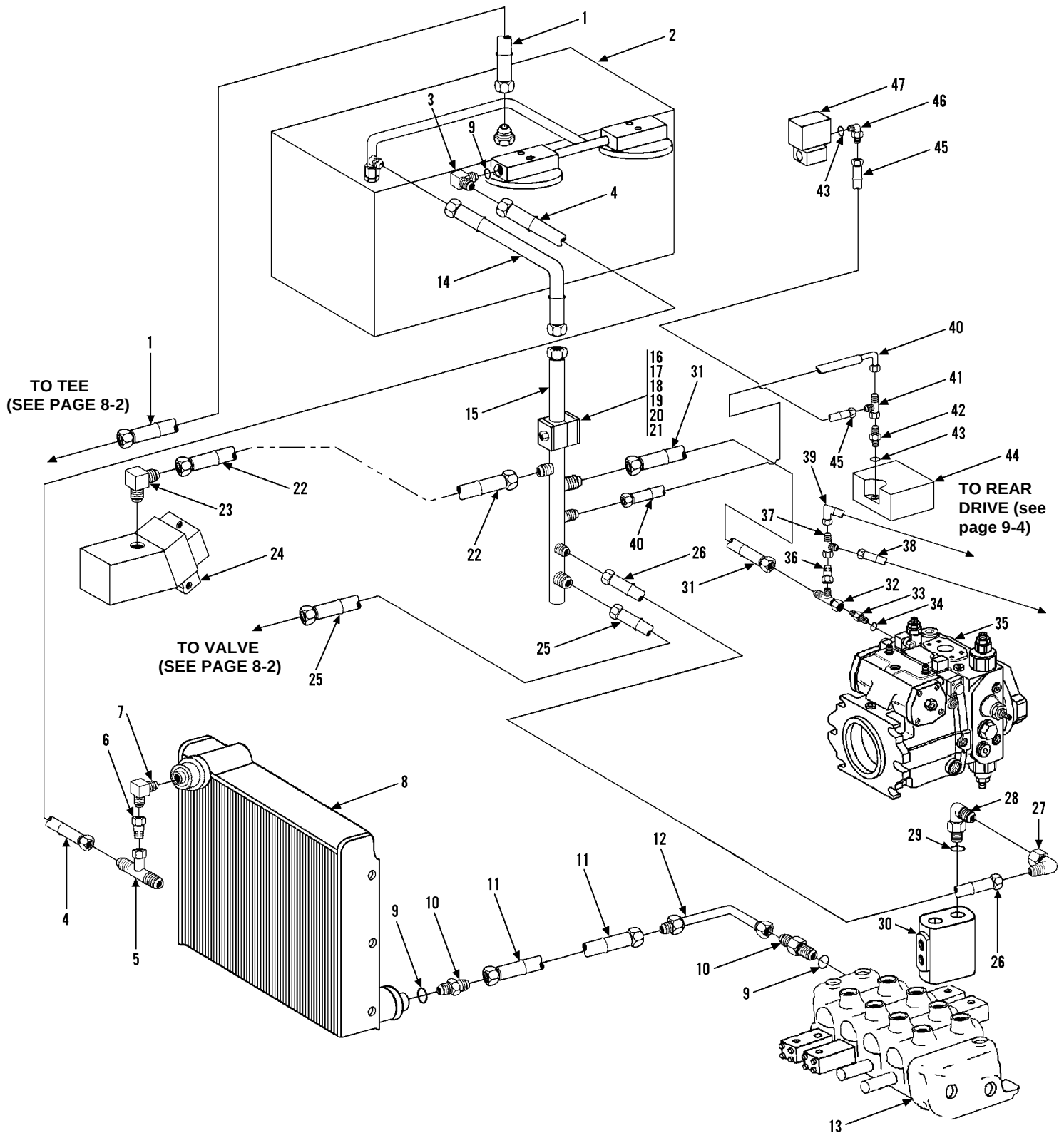
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1		Ref	HYDRAULIC RESERVOIR ASSY (see page 10-15 for details)	40	8859-1207	2	O-RING
2	9114-3172	2	MINI CHECK COUPLING (includes o-ring)	41		Ref	PRIORITY FLOW CONTROL VALVE (see page 10-9 for details)
	8859-1210	2	O-RING	42	8859-1202	3	O-RING
3	9116-1210	1	FILLTER SUPPORT	43	8866-2062	3	ELBOW, 90 DEGREES (includes item 42)
4	8820-1020	2	HEX HD CAPSCREW, 5/16-18X1, GR5	44	8471-6221	1	HOSE ASSY
5	8856-1003	4	WASHER, 5/16	45	8471-8479	1	HOSE ASSY
6	9002-7179	1	BULKHEAD UNION, 90 DEGREES	46	8471-8339	1	HOSE ASSY
7	8471-8368	1	HOSE ASSY	47	8866-1341	1	TUBE END REDUCER (1/2-1/4)
8	8067-3009	1	ADAPTER, 90 DEGREES		8866-1406	1	NUT
9	9002-8695	3	BAND CLAMP	48	8866-2140	1	RUN TEE (includes item 49)
10	9114-3143	1	HOSE ASSY	49	8859-1205	1	O-RING
11	9114-3087	1	INTAKE TUBE	50	8471-8347	1	HOSE ASSY
12	8866-2011	1	CONNECTOR (includes item 13)	51	8866-2027	1	CONNECTOR (includes item 40)
13	8859-1210	2	O-RING	52	8471-8338	1	HOSE ASSY
14		Ref	HYDROSTATIC TRANSMISSION (see page 10-18 for details)	53	9114-3058	1	TUBE ASSY
15		Ref	MAIN HYDRAULIC PUMP (see page 10-17 for details)	54	8866-2028	1	CONNECTOR (includes item 13)
16	8859-1024	1	O-RING	55		Ref	MAIN CONTROL VALVE (see page 10-14 for details)
17	8471-1333	2	SPLIT FLANGE CLAMP	56	9108-3222	1	REDUCING CONNECTOR, 90 DEGREES
18	8820-1036	4	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5	57	8866-2239	3	SWIVEL NUT RUN TEE, 3/8 TUBE
19	8855-1011	4	LOCKWASHER, 3/8	58	7713-3447	1	HOSE ASSY
20	8471-8369	1	HOSE ASSY	59	9108-3306	1	CONNECTOR (includes item 33)
21	8859-1027	1	O-RING	60		Ref	TRACTION LOCK VALVE (see page 10-21 for details)
22	8471-1334	2	SPLIT FLANGE CLAMP	61	8859-1204	3	O-RING
23	8820-1051	4	HEX HD CAPSCREW, 7/16-14X1-1/4, GR5	62	8866-2005	1	CONNECTOR (includes item 61)
24	8855-1012	4	LOCKWASHER, 7/16	63	8471-8349	1	HOSE ASSY
25	9114-3121	1	SUCTION TUBE	64	8866-2224	1	SWIVEL NUT BRANCH TEE
26	9002-8482	1	HOSE CLAMP	65	8471-8370	1	HOSE ASSY
27	9114-3185	1	HOSE ASSY	66	8866-2105	1	ELBOW, 90 DEGREES (swivel nut)
28	9114-3175	1	TUBE ASSY	67	8866-1084	1	BULKHEAD UNION
29	9114-3183	2	TUBE ASSY	68	8471-8425	1	HOSE ASSY
30	9114-3184	1	HOSE ASSY	69	8866-2064	1	ELBOW, 90 DEGREES (includes item 61)
31	9114-3176	1	STRAIGHT THREAD ADAPTER	70		Ref	SOLENOID VALVE (see page 10-11 for details)
32		Ref	HYDRAULIC GEAR PUMP (see page 10-19 for details)	71	8866-2017	1	CONNECTOR (includes item 61)
33	8859-1206	2	O-RING	72	8866-2222	1	SWIVEL NUT BRANCH TEE, 1/4 TUBE
34	8866-2019	1	CONNECTOR (includes item 33)	73	8471-8849	1	HOSE ASSY
35	8471-8547	1	HOSE ASSY	74	8471-8848	1	HOSE ASSY
36	8866-2103	1	ELBOW, 90 DEGREES (swivel nut)	75	8063-3030	2	HOSE CLAMP
37	8866-1344	1	TUBE END REDUCER	76		Ref	THERMAL BYPASS VALVE (see page 10-28 for details)
38	8866-1408	1	NUT	77	8471-8945	1	HOSE ASSY
39	8866-2142	1	RUN TEE (includes item 40)	78	8471-8947	1	HOSE ASSY



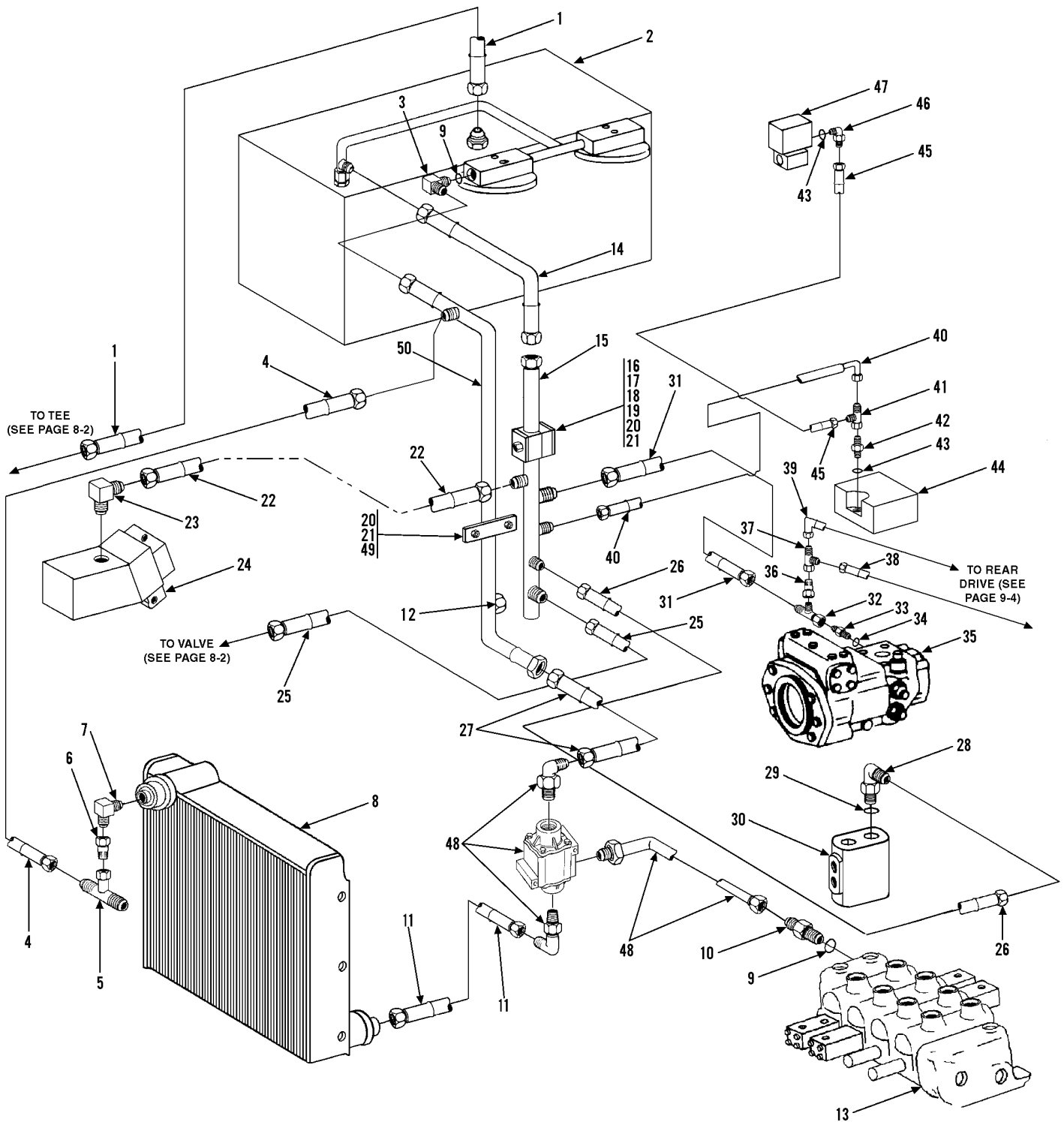
* Changed part number on items 1 & 3, changed quantity on item 9.

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
* 1	8471-8748	1	HOSE ASSY	25	8471-8387	1	HOSE ASSY
2		Ref	HYDRAULIC RESERVOIR ASSY (see page 10-15 for details)	26	8471-8479	1	HOSE ASSY
* 3	8866-2070	1	ELBOW, 90 DEGREES (includes item 9)	27	8866-2103	1	ELBOW, 90 DEGREES (swivel nut)
4	8471-8424	1	HOSE ASSY	28	8866-2062	1	ELBOW, 90 DEGREES (includes item 29)
5	8692-1327	1	TEE	29	8859-1202	1	O-RING
6	9103-3230	1	REDUCER	30		Ref	PRIORITY FLOW CONTROL VALVE (see page 10-9 for details)
7	8362-3032	1	ELBOW, 90 DEGREES	31	8471-8408	1	HOSE ASSY
8		Ref	OIL COOLER (see page 5-4 for details)	32	8866-2242	1	SWIVEL NUT RUN TEE, 3/4 TUBE
* 9	8859-1210	3	O-RING	33	8866-2008	1	CONNECTOR (include item 34)
10	8866-2028	2	CONNECTOR (includes item 9)	34	8859-1207	1	O-RING
11	8471-8480	1	HOSE ASSY	35		Ref	HYDROSTATIC TRANSMISSION (see page 10-18 for details)
12	9114-3058	1	TUBE ASSY	36	8365-1133	1	REDUCER W/ADAPTER
13		Ref	MAIN CONTROL VALVE ASSY (see page 10-14 for details)	37	8866-2240	1	SWIVEL NUT RUN TEE, 1/2 TUBE
14	8471-8381	1	HOSE ASSY	38	8471-8357	1	HOSE ASSY
15	9114-3060	1	TUBE ASSY	39	8471-8358	1	HOSE ASSY
16	7713-3053	1	CLAMP SET, 3/4 TUBE	40	8471-8380	1	HOSE ASSY
17	7713-3052	1	COVER PLATE	41	8866-2239	1	SWIVEL NUT RUN TEE, 3/8 TUBE
18	8820-1010	2	HEX HD CAPSCREW, 1/4-20X2-1/4, GR5	42	8866-2005	1	CONNECTOR (includes item 43)
19	8850-1004	2	HEX NUT, 1/4-20	43	8859-1204	2	O-RING
20	8855-1009	2	LOCKWASHER, 1/4	44		Ref	TRACTION LOCK VALVE (see page 10-21 for details)
21	8856-1107	2	FLAT WASHER, 1/4	45	8471-6547	1	HOSE ASSY
22	8471-8481	1	HOSE ASSY	46	8866-2064	1	ELBOW, 90 DEGREES (includes item 43)
23	9108-3310	1	REDUCER ELBOW, 90 DEGREES	47		Ref	SOLENOID VALVE (see page 10-11 for details)
24		Ref	FRONT DRIVE MOTOR (see page 10-16 for details)				

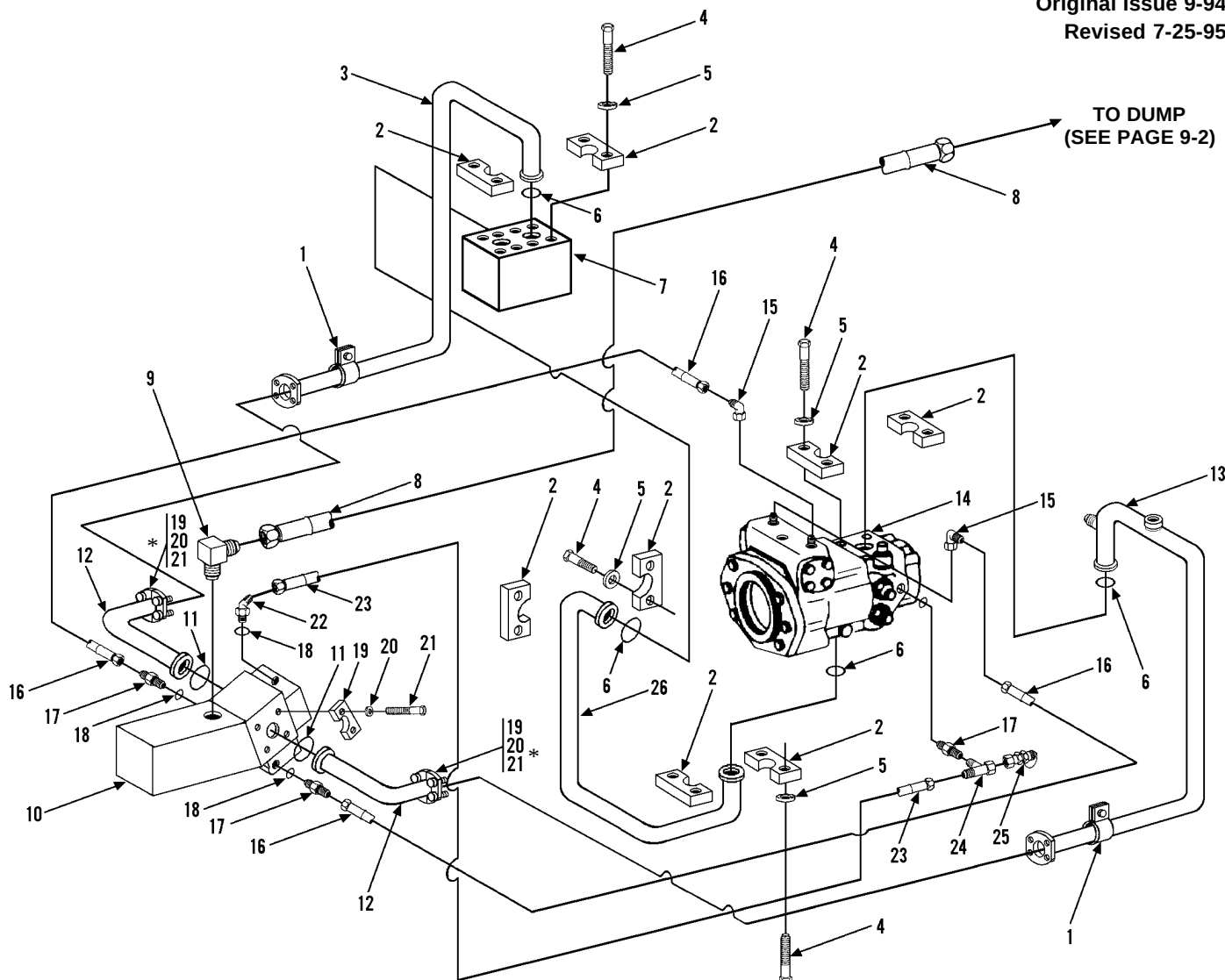
* Changed part number on items 1 & 3, changed quantity on item 9.



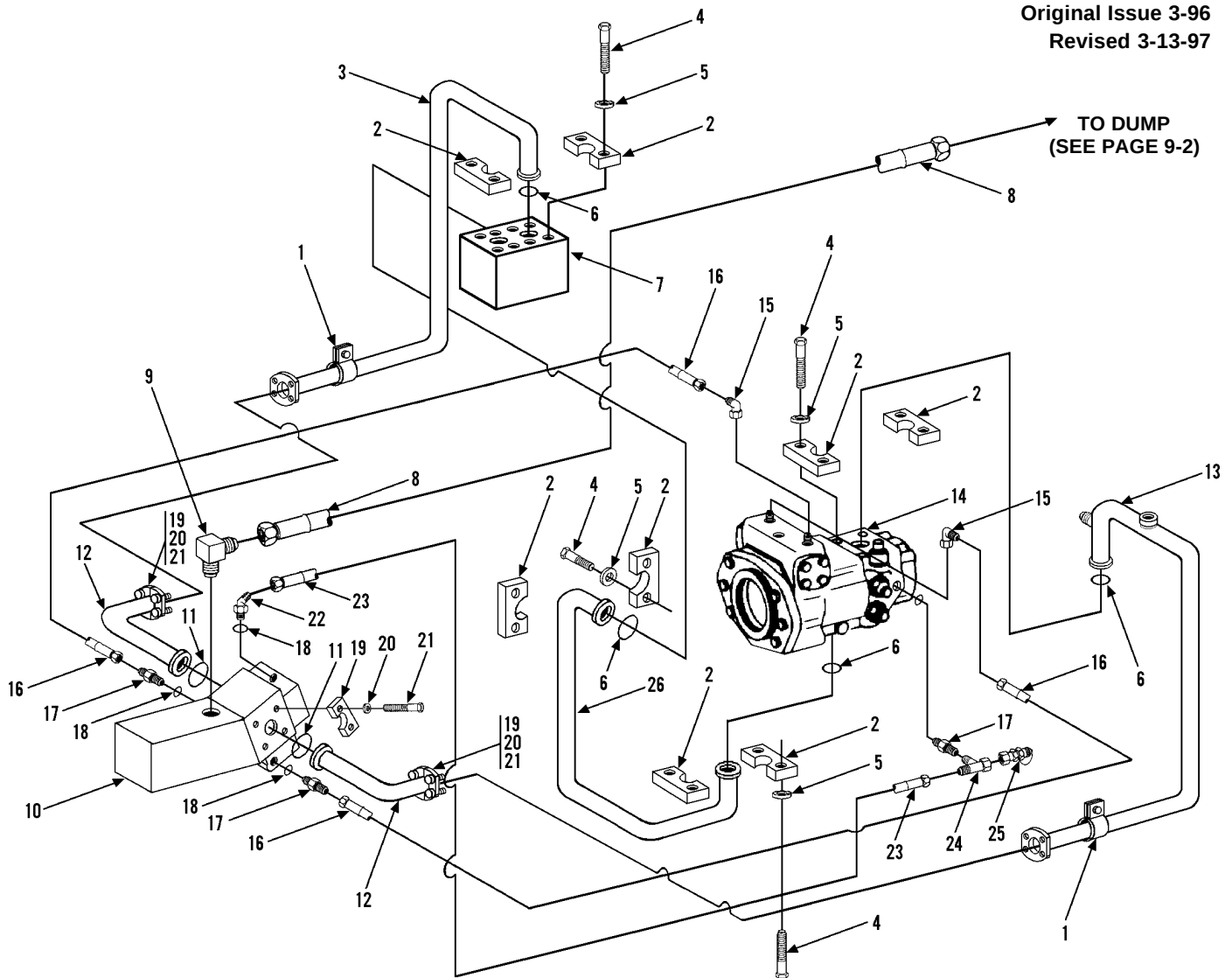
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
* 1	8471-8748	1	HOSE ASSY	25	8471-8387	1	HOSE ASSY
2		Ref	HYDRAULIC RESERVOIR ASSY (see page 10-15 for details)	26	8471-8479	1	HOSE ASSY
* 3	8866-2070	1	ELBOW, 90 DEGREES (includes item 9)	27	8866-2103	1	ELBOW, 90 DEGREES (swivel nut)
4	8471-8424	1	HOSE ASSY	28	8866-2062	1	ELBOW, 90 DEGREES (includes item 29)
5	8692-1327	1	TEE	29	8859-1202	1	O-RING
6	9103-3230	1	REDUCER	30		Ref	PRIORITY FLOW CONTROL VALVE (see page 10-9 for details)
7	8362-3032	1	ELBOW, 90 DEGREES	*31	8471-8956	1	HOSE ASSY
8		Ref	OIL COOLER (see page 5-4 for details)	32	8866-2242	1	SWIVEL NUT RUN TEE, 3/4 TUBE
9	8859-1210	3	O-RING	33	8866-2008	1	CONNECTOR (include item 34)
10	8866-2028	2	CONNECTOR (includes item 9)	34	8859-1207	1	O-RING
11	8471-8480	1	HOSE ASSY	35		Ref	HYDROSTATIC TRANSMISSION (see page 10-18 for details)
12	9114-3058	1	TUBE ASSY	36	8365-1133	1	REDUCER W/ADAPTER
13		Ref	MAIN CONTROL VALVE ASSY (see page 10-14 for details)	37	8866-2240	1	SWIVEL NUT RUN TEE, 1/2 TUBE
14	8471-8381	1	HOSE ASSY	38	8471-8851	1	HOSE ASSY
15	9114-3060	1	TUBE ASSY	39	8471-8850	1	HOSE ASSY
16	7713-3053	1	CLAMP SET, 3/4 TUBE	40	8471-8380	1	HOSE ASSY
17	7713-3052	1	COVER PLATE	41	8866-2239	1	SWIVEL NUT RUN TEE, 3/8 TUBE
18	8820-1010	2	HEX HD CAPSCREW, 1/4-20X2-1/4, GR5	42	8866-2005	1	CONNECTOR (includes item 43)
19	8850-1004	2	HEX NUT, 1/4-20	43	8859-1204	2	O-RING
20	8855-1009	2	LOCKWASHER, 1/4	44		Ref	TRACTION LOCK VALVE (see page 10-21 for details)
21	8856-1107	2	FLAT WASHER, 1/4	45	8471-6547	1	HOSE ASSY
*22	8471-8999	1	HOSE ASSY	46	8866-2064	1	ELBOW, 90 DEGREES (includes item 43)
23	9105-3450	1	REDUCER ELBOW, 90 DEGREES	47		Ref	SOLENOID VALVE (see page 10-11 for details)
24		Ref	FRONT DRIVE MOTOR (see page 10-16 for details)				



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	8471-8748	1	HOSE ASSY	27	8471-8947	1	HOSE ASSY
2		Ref	HYDRAULIC RESERVOIR ASSY (see page 10-15 for details)	28	8866-2062	1	ELBOW, 90 DEGREES (includes item 29)
3	8866-2070	1	ELBOW, 90 DEGREES (includes item 9)	29	8859-1202	1	O-RING
4	8471-8914	1	HOSE ASSY	30		Ref	PRIORITY FLOW CONTROL VALVE (see page 10-9 for details)
5	8692-1327	1	TEE	31	8471-8956	1	HOSE ASSY
6	9103-3230	1	REDUCER	32	8866-2242	1	SWIVEL NUT RUN TEE, 3/4 TUBE
7	8362-3032	1	ELBOW, 90 DEGREES	33	8866-2008	1	CONNECTOR (include item 34)
8		Ref	OIL COOLER (see page 5-4 for details)	34	8859-1207	1	O-RING
9	8859-1210	2	O-RING	35		Ref	HYDROSTATIC TRANSMISSION (see page 10-18 for details)
10	8866-2028	1	CONNECTOR (includes item 9)	36	8365-1133	1	REDUCER W/ADAPTER
11	8471-8945	1	HOSE ASSY	37	8866-2240	1	SWIVEL NUT RUN TEE, 1/2 TUBE
12	8866-1365	1	HEX CAP, 1/2 TUBE	38	8471-8851	1	HOSE ASSY
13		Ref	MAIN CONTROL VALVE ASSY (see page 10-14 for details)	39	8471-8850	1	HOSE ASSY
14	8471-8381	1	HOSE ASSY	40	8471-8380	1	HOSE ASSY
15	9114-3060	1	TUBE ASSY	41	8866-2239	1	SWIVEL NUT RUN TEE, 3/8 TUBE
16	7713-3053	1	CLAMP SET, 3/4 TUBE	42	8866-2005	1	CONNECTOR (includes item 43)
17	7713-3052	1	COVER PLATE	43	8859-1204	2	O-RING
18	8820-1010	2	HEX HD CAPSCREW, 1/4-20X2-1/4, GR5	44		Ref	TRACTION LOCK VALVE (see page 10-21 for details)
19	8850-1004	2	HEX NUT, 1/4-20	45	8471-6547	1	HOSE ASSY
20	8855-1009	2	LOCKWASHER, 1/4	46	8866-2064	1	ELBOW, 90 DEGREES (includes item 43)
21	8856-1107	2	FLAT WASHER, 1/4	47		Ref	SOLENOID VALVE (see page 10-11 for details)
22	8471-8999	1	HOSE ASSY	48		Ref	THERMAL BYPASS VALVE (see page 10-28 for details)
23	9105-3450	1	REDUCER ELBOW, 90 DEGREES	49	8342-1139	1	U BOLT W/NUTS
24		Ref	FRONT DRIVE MOTOR (see page 10-16 for details)	50	9114-3273	1	DUMP TUBE
25	8471-8387	1	HOSE ASSY				
26	8471-8479	1	HOSE ASSY				

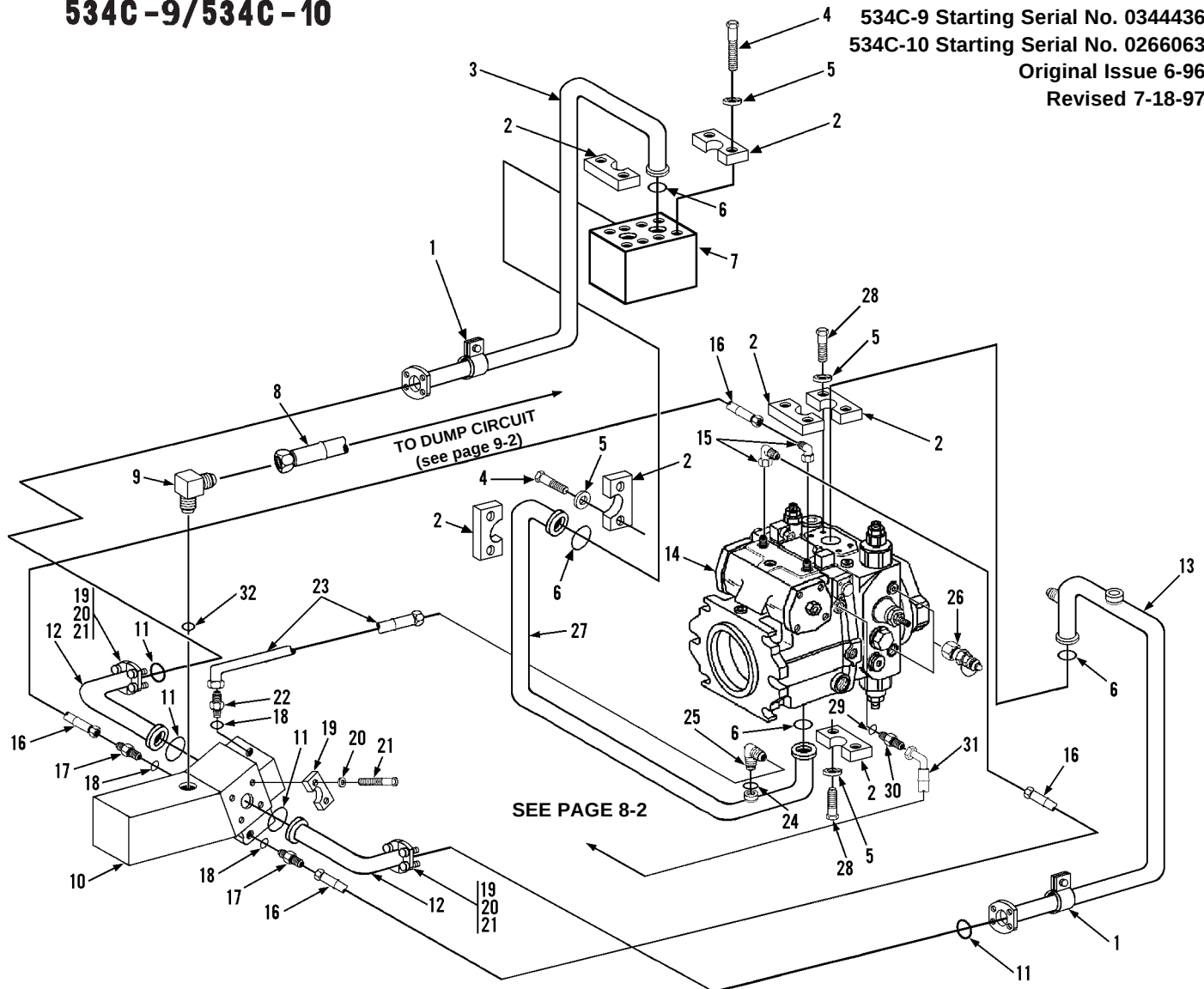


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9020-5792	2	CUSHION CLAMP	14		Ref	HYDROSTATIC TRANSMISSION (see page 10-18 for details)
2	8471-2738	8	SPLIT FLANGE CLAMP	15	9002-7906	2	ELBOW, 90 DEGREES
3	9108-3418	1	TUBE ASSY	16	8471-8406	2	HOSE ASSY
4	8320-1135	16	HEX HD CAPSCREW, 7/16-14X1-1/2	17	8866-2003	3	CONNECTOR (includes item 18)
5	8855-1012	16	LOCKWASHER, 7/16	18	8859-1202	4	O-RING
6	9108-3106	4	O-RING	*19	8471-2739	8	SPLIT FLANGE CLAMP
7		Ref	TRACTION LOCK VALVE (see page 10-21 for details)	*20	8855-1013	16	LOCKWASHER, 1/2
8	8471-8481	1	HOSE ASSY	*21	8320-1120	16	HEX HD CAPSCREW, 1/2-13X1-3/4
9	9108-3310	1	REDUCER ELBOW, 90 DEGREES	22	8866-2082	1	ELBOW, 45 DEGREES (includes item 18)
10		Ref	FRONT DRIVE MOTOR (see page 10-16 for details)	23	8471-8526	1	HOSE ASSY
11	9108-3339	2	O-RING	24	8866-2222	1	SWIVEL NUT BRANCH TEE, 1/4 TUBE
12	8471-8527	2	HOSE ASSY	25	9114-3177	1	TEST COUPLING
13	9114-3055	1	TUBE ASSY	26	9114-3054	1	TUBE ASSY



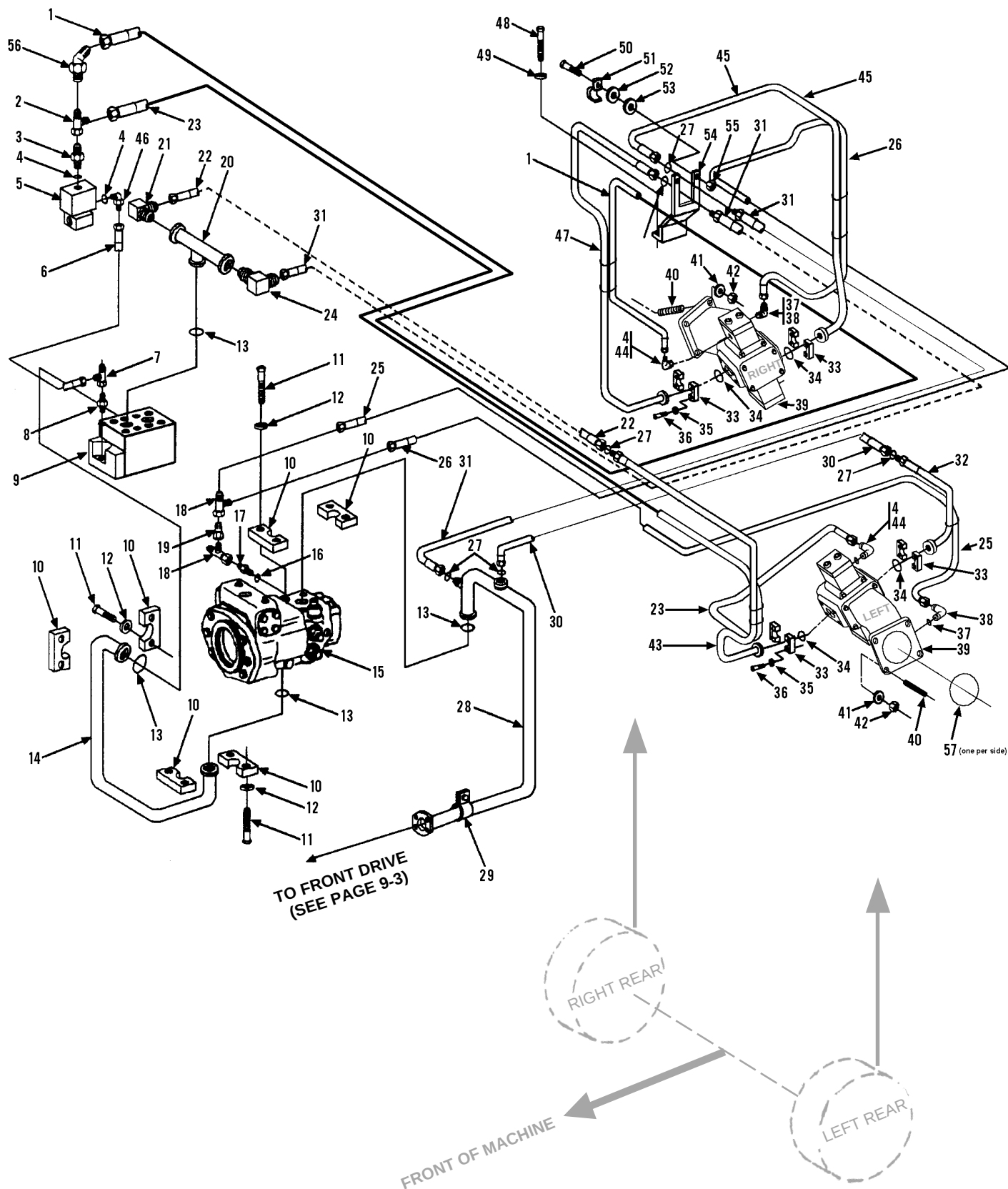
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9020-5792	2	CUSHION CLAMP	14		Ref	HYDROSTATIC TRANSMISSION (see page 10-18 for details)
2	8471-2738	8	SPLIT FLANGE CLAMP	15	9002-7906	2	ELBOW, 90 DEGREES
3	9108-3418	1	TUBE ASSY	16	8471-8406	2	HOSE ASSY
4	8320-1135	16	HEX HD CAPSCREW, 7/16-14X1-1/2	17	8866-2003	3	CONNECTOR (includes item 18)
5	8855-1012	16	LOCKWASHER, 7/16	18	8859-1202	4	O-RING
6	9108-3106	4	O-RING	19	8471-2739	8	SPLIT FLANGE CLAMP
7		Ref	TRACTION LOCK VALVE (see page 10-21 for details)	20	8855-1013	16	LOCKWASHER, 1/2
* 8	8471-8999	1	HOSE ASSY	21	8320-1120	16	HEX HD CAPSCREW, 1/2-13X1-3/4
9	9108-3310	1	REDUCER ELBOW, 90 DEGREES	22	8866-2082	1	ELBOW, 45 DEGREES (includes item 18)
10		Ref	FRONT DRIVE MOTOR (see page 10-16 for details)	23	8471-8526	1	HOSE ASSY
11	9108-3339	2	O-RING	24	8866-2222	1	SWIVEL NUT BRANCH TEE, 1/4 TUBE
12	8471-8407	2	HOSE ASSY	25	9114-3177	1	TEST COUPLING
13	9114-3055	1	TUBE ASSY	26	9114-3054	1	TUBE ASSY

* Changed part number on item 8.

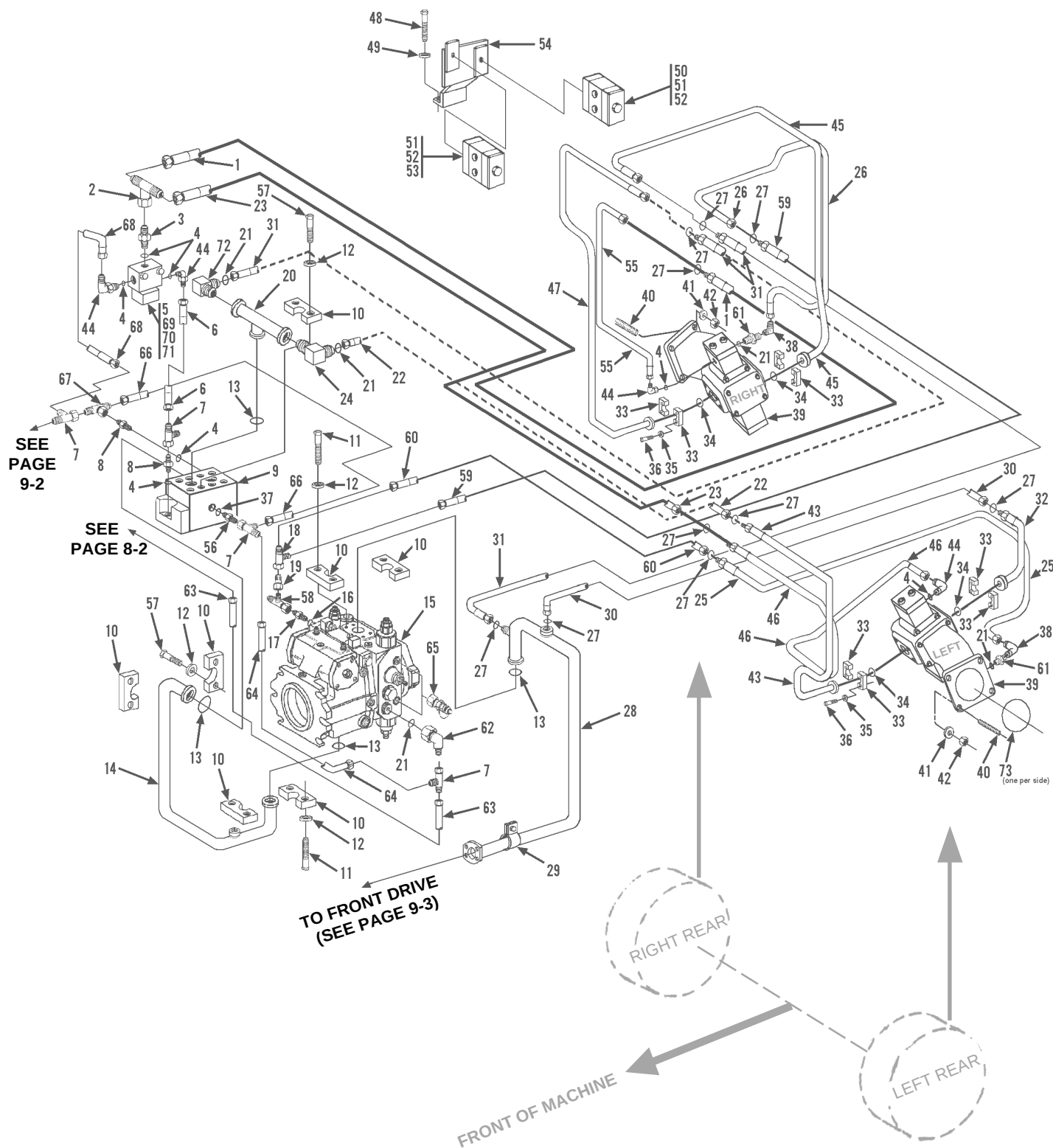


Item	Part No.	Qty.	Description Of Part
1	9020-5792	2	CUSHION CLAMP
2	8471-2738	8	SPLIT FLANGE CLAMP
3	9108-3418	1	TUBE ASSY
4	8320-1155	8	HEX HD CAPSCREW, 7/16-14X1-3/4, GR8
5	8855-1012	20	LOCKWASHER, 7/16
6	9108-3106	4	O-RING
7		Ref	TRACTION LOCK VALVE (see page 10-21 for details)
8	8471-8999	1	HOSE ASSY
9	9105-3450	1	ELBOW, 90 DEGREES (includes item 32)
10		Ref	FRONT DRIVE MOTOR (see page 10-16 for details)
11	9108-3339	2	O-RING
12	8471-8845	2	HOSE ASSY
*13	9114-3122	1	TUBE ASSY
14		Ref	HYDROSTATIC TRANSMISSION (see page 10-18 for details)
15	9002-7906	2	ELBOW, 90 DEGREES (includes o-ring)
	8859-1204	2	O-RING

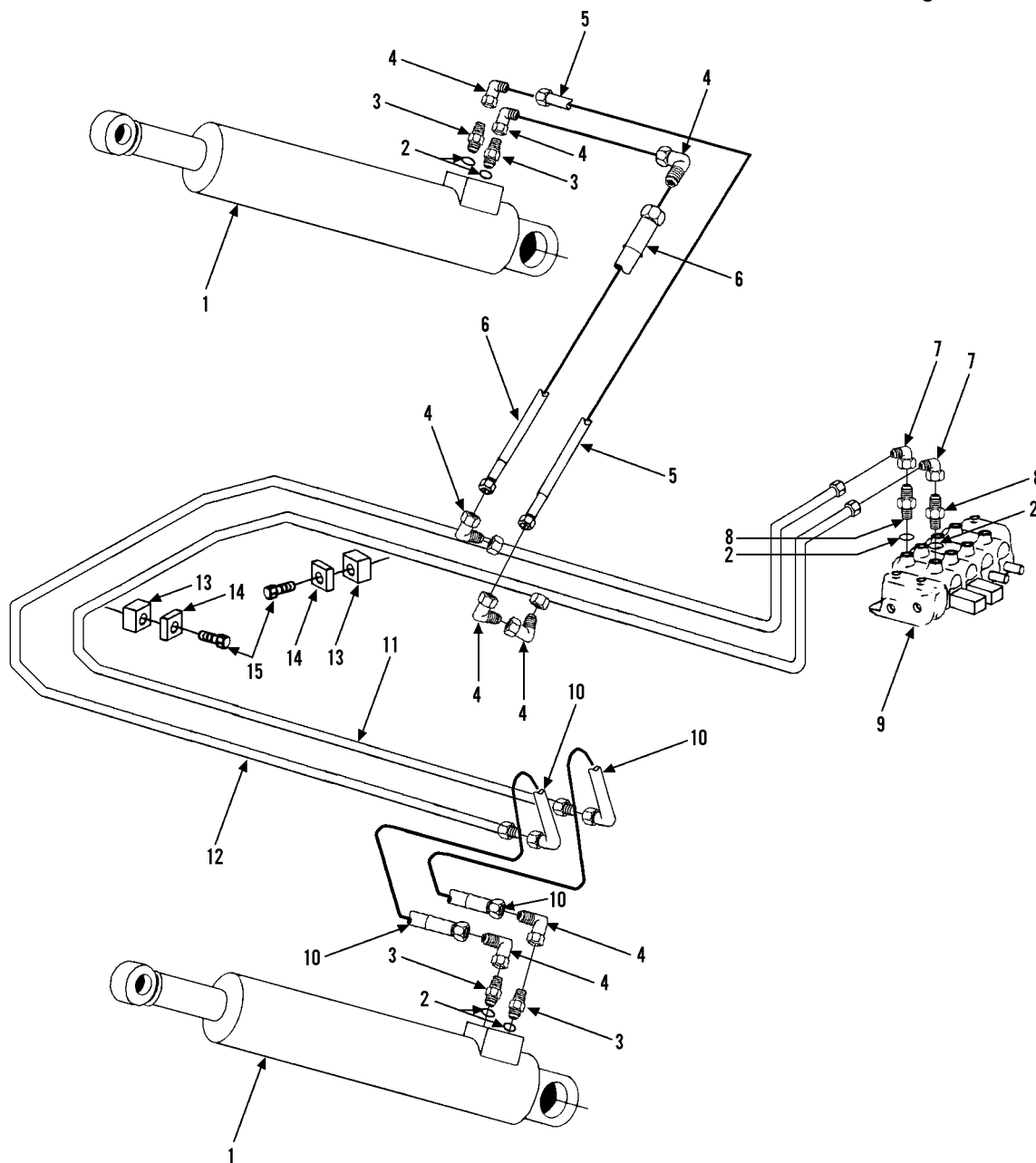
Item	Part No.	Qty.	Description Of Part
16	8471-8406	2	HOSE ASSY
17	8866-2003	2	CONNECTOR (includes item 18)
18	8859-1202	3	O-RING
19	8471-2739	8	SPLIT FLANGE CLAMP
20	8856-1013	16	LOCKWASHER, 1/2
21	8320-1120	16	HEX HD CAPSCREW, 1/2-13X1-3/4, GR5
22	8866-2005	1	CONNECTOR (includes item 24)
23	8471-8929	1	HOSE ASSY
24	8859-1204	2	O-RING
25	9002-7906	1	ELBOW, 90 DEGREES (includes item 24)
26	9105-3020	2	TEST COUPLING
27	9116-3201	1	TUBE ASSY
28	8320-1135	8	HEX HD CAPSCREW, 7/16-14X1-1/2, GR8
29	8859-1205	1	O-RING
30	8866-2018	1	CONNECTOR (includes item 29)
31	8471-8478	1	HOSE ASSY
32	8859-1207	1	O-RING



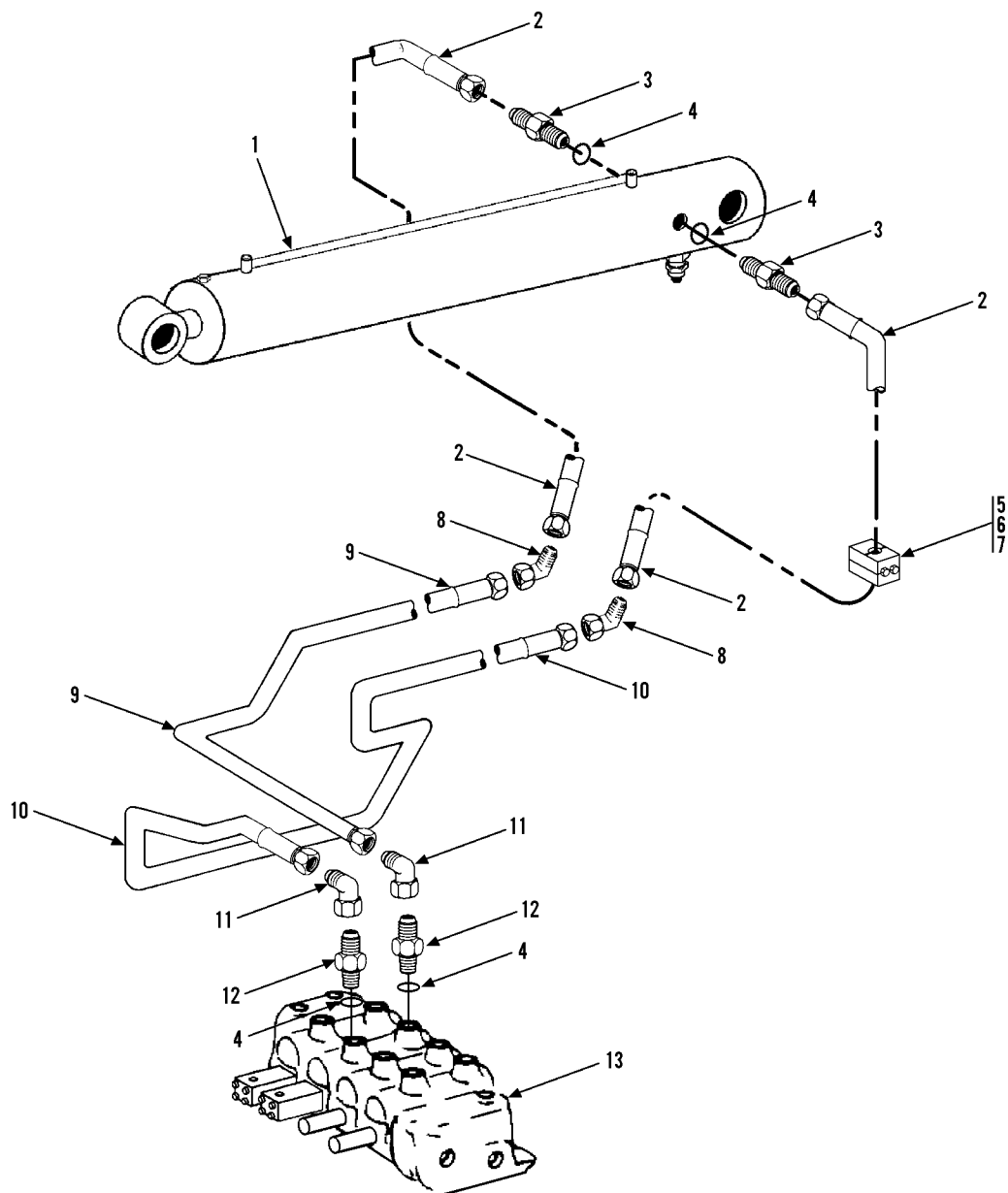
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	8471-8356	1	HOSE ASSY	30	8471-8353	1	HOSE ASSY
2	8866-2237	1	SWIVEL NUT RUN TEE, 1/4 TUBE	31	8471-8355	2	HOSE ASSY
3	8366-2017	1	CONNECTOR (includes item 4)	32	9114-3011	1	TUBE ASSY
4	8859-1204	4	O-RING	33	8471-2737	8	SPLIT FLANGE CLAMP
5		Ref	SOLENOID VALVE (see page 10-11 for details)	34	8093-3066	4	O-RING
6	8471-6547	1	HOSE ASSY	35	8855-1011	16	LOCKWASHER, 1-1/4
7	8866-2239	1	SWIVEL NUT RUN TEE, 3/8 TUBE	36	8320-1115	16	HEX HD CAPSCREW, 1-1/4X3/8-16
8	8866-2005	1	CONNECTOR (includes item 4)	37	8859-1206	2	O-RING
9		Ref	TRACTION LOCK VALVE (see page 10-21 for details)	38	8866-2059	2	ELBOW, 90 DEGREES (includes item 37)
10	8471-2738	6	SPLIT FLANGE CLAMP	39		Ref	REAR DRIVE MOTOR (see page 10-22 for details)
11	8320-1135	12	HEX HD CAPSCREW, 7/16-14X1-1/2	40	9112-3092	8	STUD
12	8855-1012	12	LOCKWASHER, 7/16	41	8540-1340	8	HARDENED WASHER
13	9108-3106	4	O-RING	42	9108-3449	8	HEX NUT
14	9114-3054	1	TUBE ASSY	43	9114-3158	1	TUBE ASSY
15		Ref	HYDROSTATIC TRANSMISSION (see page 10-18 for details)	44	9002-7906	2	ELBOW, 90 DEGREES (includes item 4)
16	8859-1207	1	O-RING	45	9114-3009	1	TUBE ASSY
17	8866-2008	1	CONNECTOR (includes item 16)	46	8866-2064	1	ELBOW, 90 DEGREES (includes item 4)
18	8866-2240	2	SWIVEL NUT RUN TEE, 1/2 TUBE	47	9114-3157	1	TUBE ASSY
19	8365-1133	1	REDUCER W/ADAPTER	48	8820-1035	4	HEX HD CAPSCREW, 3/8-16X1, GR5
20	9108-3266	1	TUBE ASSY	49	8855-1011	4	LOCKWASHER, 3/8
21	8866-2332	1	MALE ELBOW, 90 DEGREES (includes o-ring)	50	8820-1036	4	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5
22	8471-8316	1	HOSE ASSY	51	9108-1201	4	TUBE CLAMP
23	8471-8354	1	HOSE ASSY	52	8855-1011	4	LOCKWASHER, 3/8
24	8866-2421	1	MALE ELBOW, 45 DEGREES (includes o-ring)	53	9002-7470	4	HARDENED WASHER
25	8471-8358	1	HOSE ASSY	54	9108-1522	1	R.H. TUBE SUPPORT (shown)
26	8471-8357	1	HOSE ASSY		9108-1523	1	L.H. TUBE SUPPORT
27	8859-1508	6	O-RING	55	8850-1006	4	HEX NUT
28	9114-3055	1	TUBE ASSY	56	8866-2117	1	ELBOW, 45 DEGREES (swivel nut)
29	9020-5792	1	CUSHION CLAMP	57	9002-3159	2	O-RING (one each side)



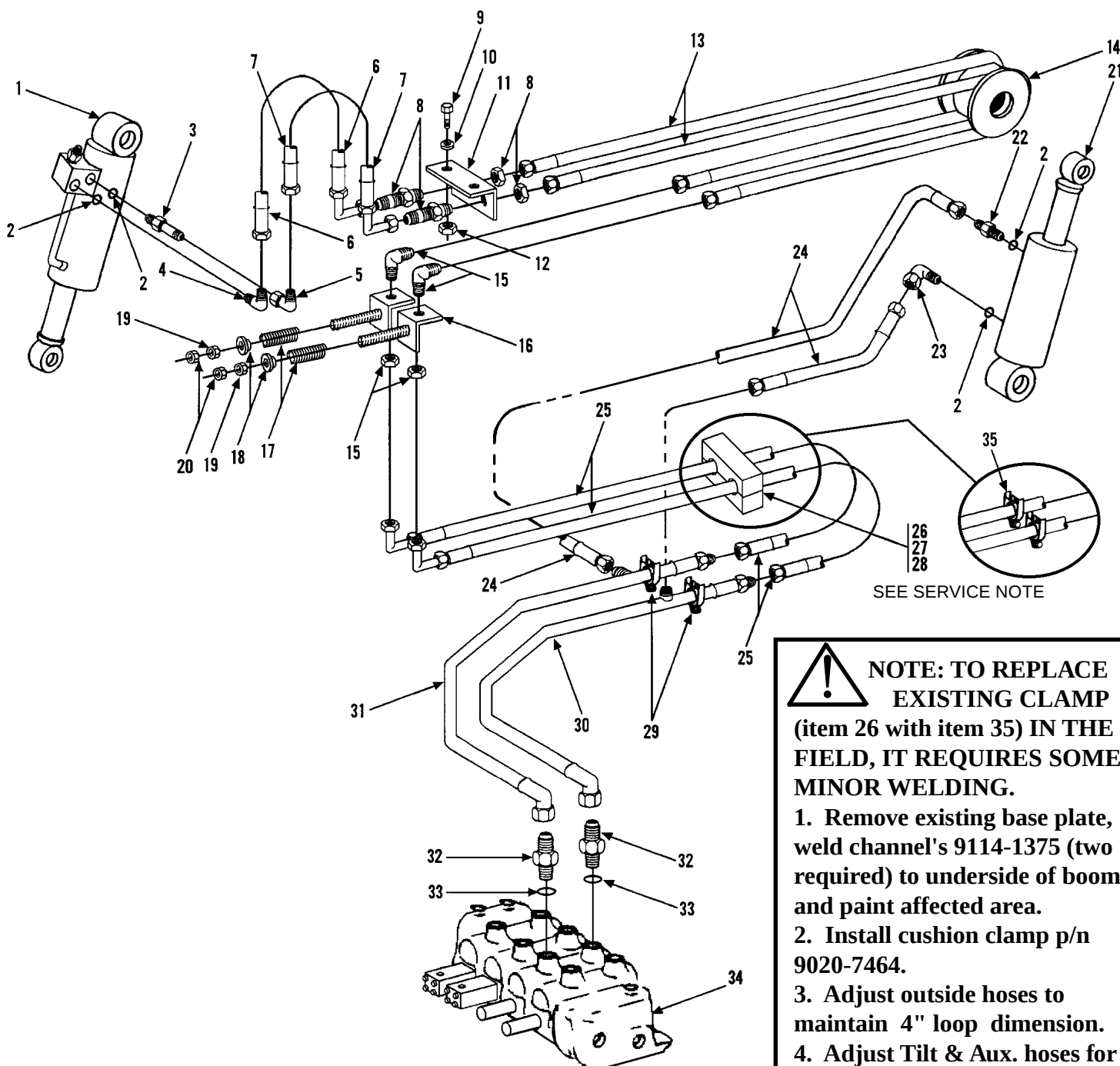
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	8471-8848	1	TUBE ASSY	39		Ref	REAR DRIVE MOTOR (see page 10-22 for details)
2	8866-2222	1	SWIVEL NUT BRANCH TEE	40	9112-3092	8	STUD
3	8366-2017	1	CONNECTOR (includes item 4)	41	8540-1340	8	HARDENED WASHER
4	8859-1204	7	O-RING	42	9108-3449	8	HEX NUT
5		Ref	SOLENOID VALVE (see page 10-11 for details)	43	9116-3042	1	TUBE ASSY
6	8471-6547	1	HOSE ASSY	44	8866-2064	4	ELBOW, 90 DEGREES (includes item 4)
7	8866-2239	4	SWIVEL NUT RUN TEE, 3/8 TUBE	45	9116-3134	1	TUBE ASSY
8	8866-2005	2	CONNECTOR (includes item 4)	46	9116-3055	1	TUBE ASSY
9		Ref	TRACTION LOCK VALVE (see page 10-21 for details)	47	9116-3041	1	TUBE ASSY
10	8471-2738	8	SPLIT FLANGE CLAMP	48	8820-1035	4	HEX HD CAPSCREW, 3/8-16X1, GR5
11	8320-1135	4	HEX HD CAPSCREW, 7/16-14X1-1/2	49	8855-1011	4	LOCKWASHER, 3/8
12	8855-1012	16	LOCKWASHER, 7/16	50	9121-3002	2	CLAMP SET
13	9108-3106	4	O-RING	51	8820-1028	4	HEX HD CAPSCREW, 3/8-16ncX1
14	9116-3201	1	TUBE ASSY	52	7713-3137	4	COVER PLATE
15		Ref	HYDROSTATIC TRANSMISSION (see page 10-18 for details)	53	9116-3069	2	CLAMP HALF
16	8859-1207	1	O-RING	54	9116-6055	1	R.H. TUBE SUPPORT (shown)
17	8866-2008	1	CONNECTOR (includes item 16)		9116-6056	1	L.H. TUBE SUPPORT
18	8866-2240	1	SWIVEL NUT RUN TEE, 1/2 TUBE	55	9116-3054	1	TUBE ASSY
19	8365-1133	1	REDUCER W/ADAPTER	56	9108-3306	1	CONNECTOR (includes item 37)
20	9108-3266	1	TUBE ASSY	57	8320-1155	8	HEX HD CAPSCREW, 7/16-14X3/4
21	8859-1207	5	O-RING	58	8866-2242	1	SWIVEL NUT RUN TEE, 3/4 TUBE
22	8471-8935	1	HOSE ASSY	59	8471-8851	1	HOSE ASSY
23	8471-8849	1	HOSE ASSY	60	8471-8850	1	HOSE ASSY
24	8866-2421	1	MALE ELBOW, 45 DEGREES (includes item 21)	61	8866-2020	2	CONNECTOR (includes item 21)
25	9116-3053	1	TUBE ASSY	62	9108-3222	1	REDUCING CONNECTOR (includes item 21)
26	9116-3052	1	TUBE ASSY	63	8471-7341	1	HOSE ASSY
27	8859-1508	6	O-RING	64	7713-3447	1	HOSE ASSY
28	9116-3122	1	TUBE ASSY	65	9105-3020	2	TEST COUPLING
29	9020-5792	1	CUSHION CLAMP	66	8471-8349	1	HOSE ASSY
30	8471-8740	1	HOSE ASSY	67	8866-2224	1	SWIVEL NUT BRANCH TEE, 3/8 TUBE
31	8471-8741	2	HOSE ASSY	68	8471-8425	1	HOSE ASSY
32	9116-3133	1	TUBE ASSY	69	8856-1001	2	FLAT WASHER, 1/4
33	8471-2737	8	SPLIT FLANGE CLAMP	70	8820-1008	2	HEX HD CAPSCREW, 1/4-20X1-3/4
34	8093-3066	4	O-RING	71	8855-1009	2	LOCKWASHER, 1/4
35	8855-1011	16	LOCKWASHER	72	8866-2332	1	ELBOW, 90 DEGREES (includes item 21)
36	8320-1115	16	HEX HD CAPSCREW, 3/8-16X1-1/4	* 73	9002-3159	2	O-RING (one each side)
37	8859-1206	1	O-RING				
38	8866-2106	2	ELBOW, 90 DEGREES (swivel nut)				



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1		Ref	LIFT CYLINDER ASSY (see page 10-3 for details)	9		Ref	MAIN CONTROL VALVE ASSY (see page 10-14 for details)
2	8859-1207	6	O-RING	10	8471-8383	2	HOSE ASSY
3	8866-2022	4	CONNECTOR (includes item 2)	11	9114-3033	1	TUBE ASSY
4	8866-2107	8	ELBOW, 90 DEGREES (swivel nut)	12	9114-3034	1	TUBE ASSY
5	8471-8382	1	HOSE ASSY	13	7713-3136	2	CLAMP SET
6	8471-8340	1	HOSE ASSY	14	7713-3137	2	COVER PLATE
7	8866-2108	2	ELBOW, 90 DEGREES (swivel nut)	15	8820-1023	2	HEX HD CAPSCREW, 5/16-18X1-3/4, GR5
8	8866-2008	2	CONNECTOR (includes item 2)				



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1		Ref	CROWD CYLINDER ASSY (see page 10-2 for details)	8	8866-2121	2	CONNECTOR 45 DEGREES (swivel nut)
2	8471-8371	2	HOSE ASSY	9	9114-3036	1	TUBE ASSY
3	8866-2022	2	CONNECTOR (includes item 4)	10	9114-3035	1	TUBE ASSY
4	8859-1207	4	O-RING	11	8866-2108	2	ELBOW, 90 DEGREES (swivel nut)
5	7713-3073	2	CLAMP SET	12	8866-2038	2	CONNECTOR (includes item 4)
6	7713-3052	2	COVER PLATE	13		Ref	MAIN CONTROL VALVE (see page 10-14 for details)
7	7713-3209	2	HEX HD CAPSCREW, 1/4-20X1-3/8				

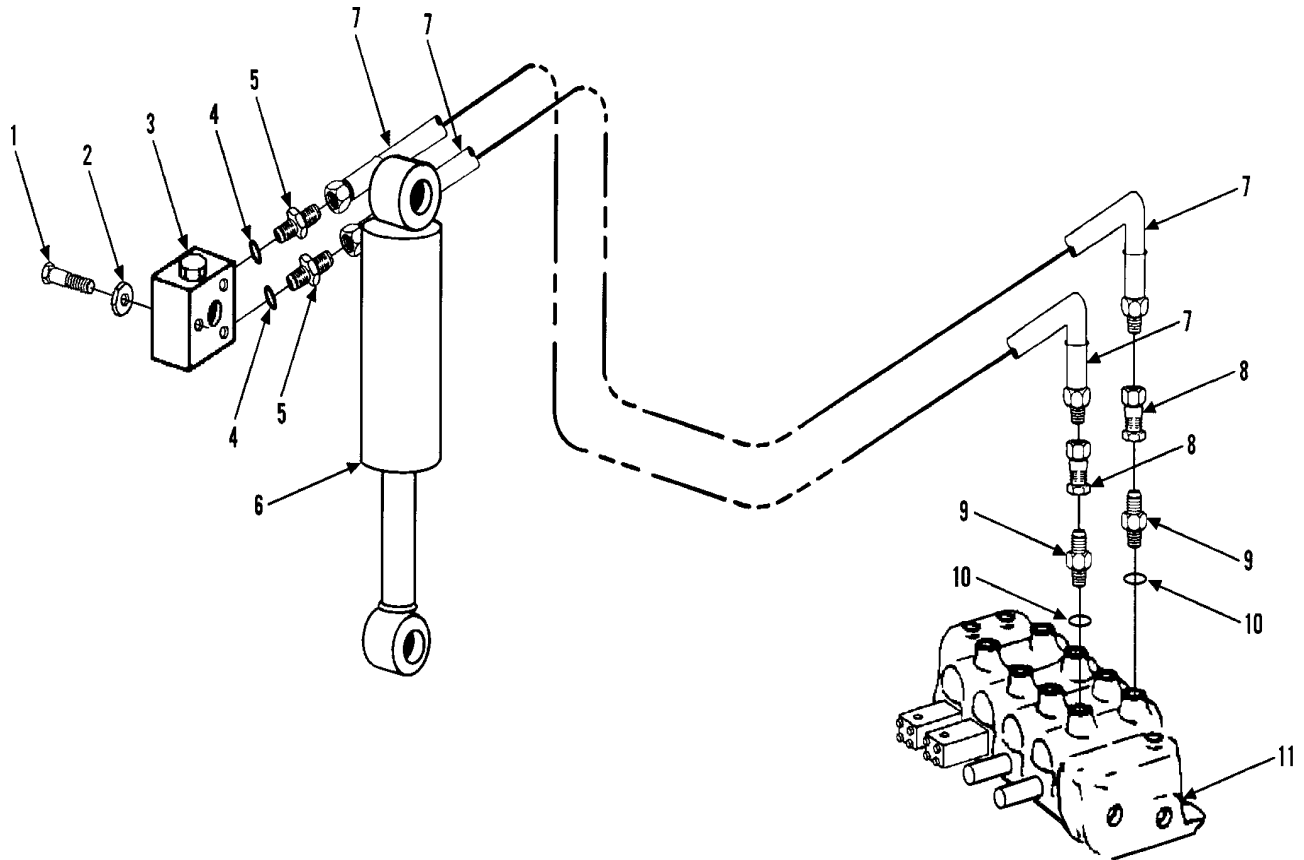




**NOTE: TO REPLACE
EXISTING CLAMP
(item 26 with item 35) IN THE
FIELD, IT REQUIRES SOME
MINOR WELDING.**

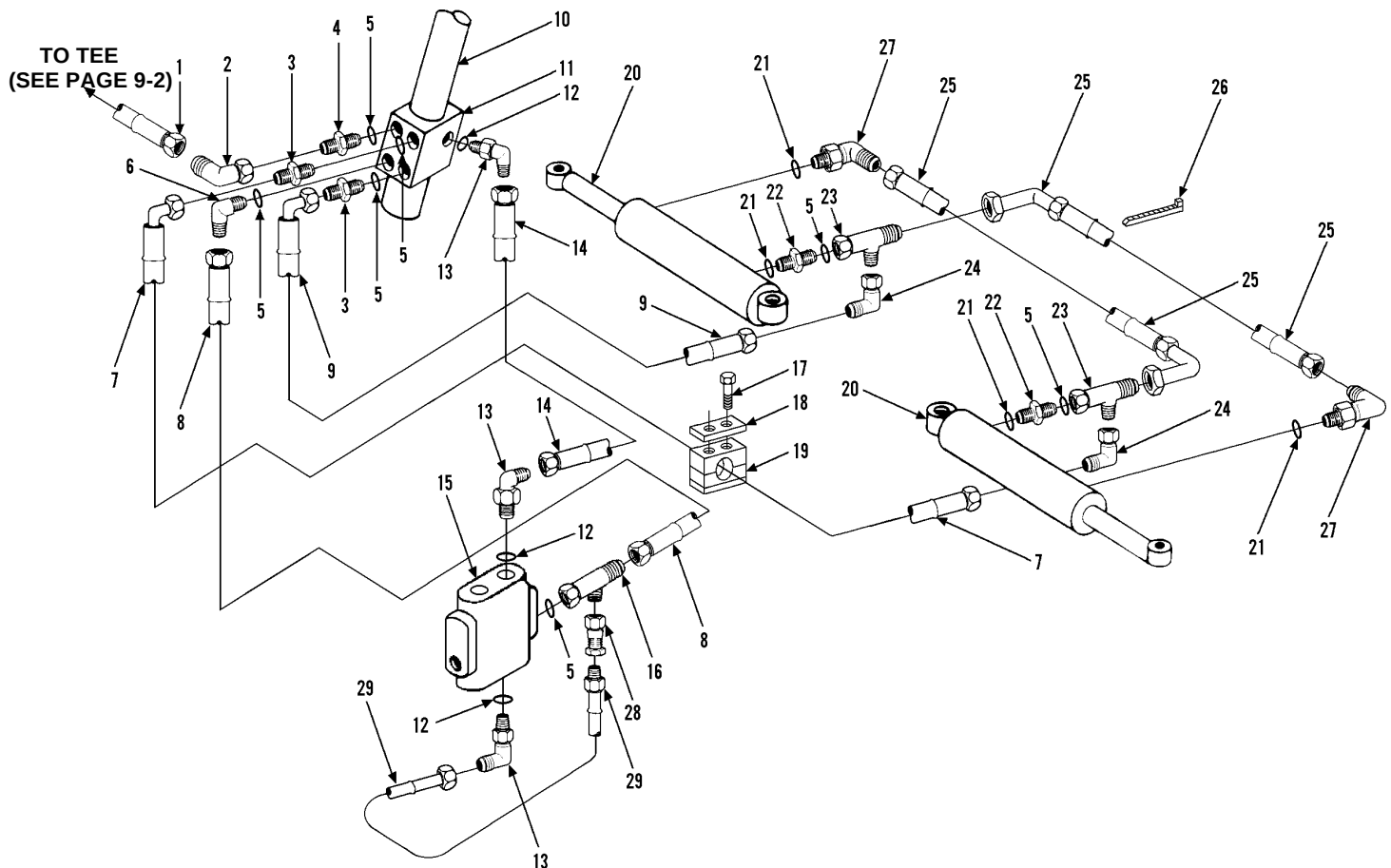
- 1. Remove existing base plate, weld channel's 9114-1375 (two required) to underside of boom and paint affected area.**
- 2. Install cushion clamp p/n 9020-7464.**
- 3. Adjust outside hoses to maintain 4" loop dimension.**
- 4. Adjust Tilt & Aux. hoses for tension.**

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1		Ref	TILT CYLINDER ASSY (see page 10-1 for details)	21		Ref	COMPENSATING CYLINDER (see page 10-4 for details)
2	8859-1206	4	O-RING	22	8866-2007	1	CONNECTOR (includes item 2)
3	8866-2037	1	CONNECTOR (includes item 2)	23	8866-2086	1	ELBOW, 45 DEGREES (includes item 2)
4	8866-2059	1	ELBOW, 90 DEGREES (includes item 2)	24	8471-8340	2	HOSE ASSY
5	8866-2107	1	ELBOW, 90 DEGREES (swivel nut)	*25	8471-9019	2	HOSE ASSY
6	8471-8372	1	HOSE ASSY	26	7732-3029	2	CLAMP SET (through S/N 0344103 & 0266041)
7	8471-8373	1	HOSE ASSY	27	7713-3137	2	COVER PLATE (through S/N 0344103 & 0266041)
8	9002-7176	2	STRAIGHT BULKHEAD FITTING	28	8820-1023	2	HEX HD CAPSCREW, 5/16-18X1-3/4, GR5 (through S/N 0344103 & 0266041)
9	8820-1021	2	HEX HD CAPSCREW, 5/16-18X1-1/4, GR5	29	9020-7463	2	CLAMP SET
10	8855-1010	2	LOCKWASHER, 5/16	30	9114-3038	1	TUBE ASSY
11	9114-1210	1	BULKHEAD BRACKET	31	9114-3037	1	TUBE ASSY
12	8850-1005	2	HEX NUT, 5/16-18	32	8866-2008	2	CONNECTOR (includes item 33)
13	8471-8868	2	HOSE ASSY	33	8859-1207	2	O-RING
14	9114-3024	1	HOSE SHEAVE	34		Ref	MAIN CONTROL VALVE ASSY (see page 10-14 for details)
15	9002-7180	2	90 DEGREE BULKHEAD FITTING	35	9020-7464	2	CUSHION CLAMP (starting S/N 0344275 & 0266042)
16	9114-6028	2	HOSE TAKE-UP WELDMENT				
17	9112-3054	2	COMPRESSION SPRING				
18	9112-1134	2	SPRING RETAINER				
19	8850-1008	2	HEX NUT, 1/2-13				
20	8850-1108	2	HEAVY HEX JAM NUT, 1/2-13				

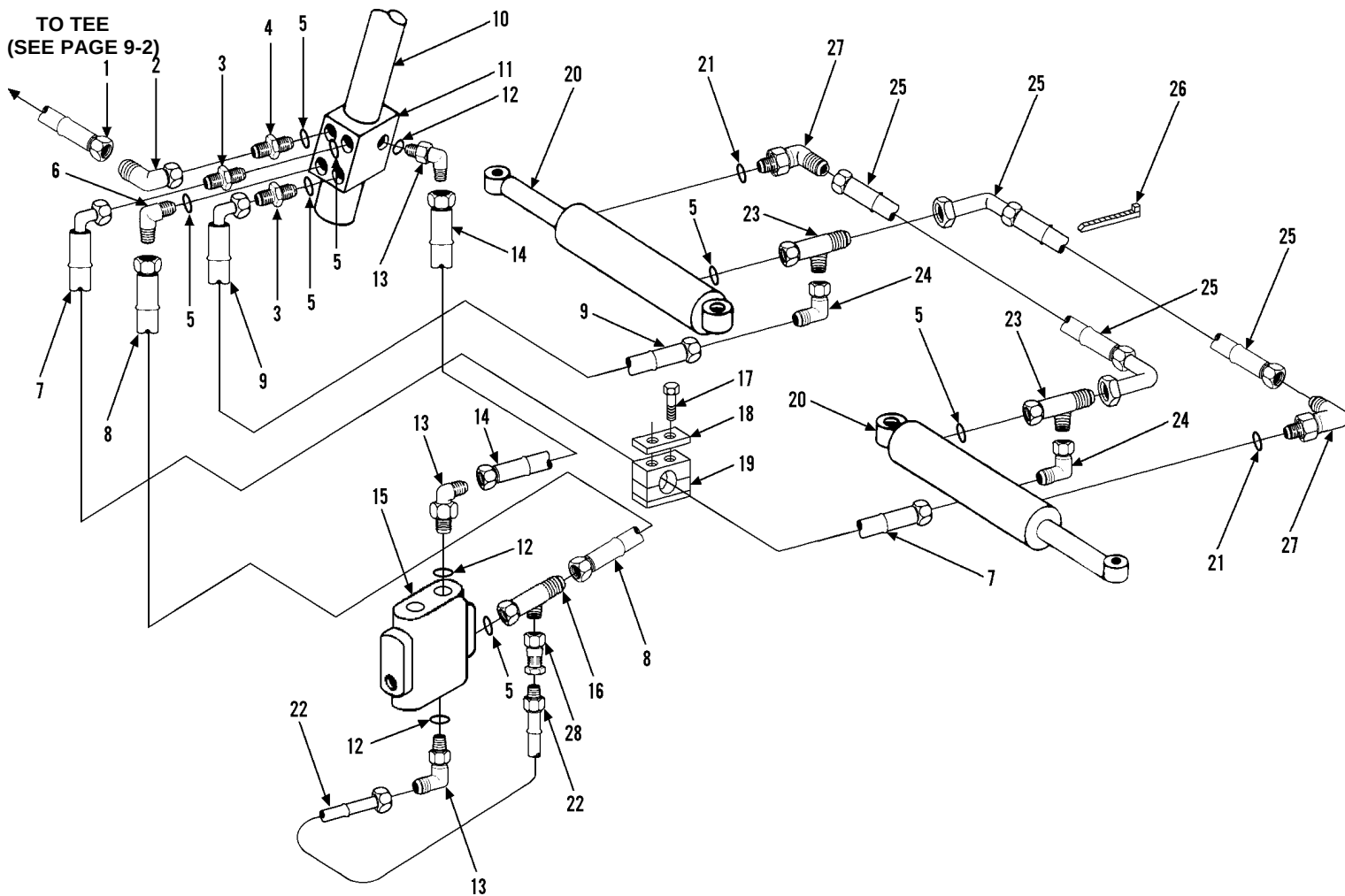


Item	Part No.	Qty.	Description Of Part
1	8820-1040	3	HEX HD CAPSCREW, 3/8-16X2-1/4, GR5
2	8855-1011	3	LOCKWASHER, 3/8
3		Ref	DUAL P.O. CHECK VALVE (see page 10-12 for details)
4	8859-1202	2	O-RING
5	8866-2082	2	CONNECTOR (includes item 4)

Item	Part No.	Qty.	Description Of Part
6		Ref	SWAY CYLINDER (see page 10-5 for details)
7	8471-8366	2	HOSE ASSY
8	8866-1341	2	TUBE END REDUCER (1/2x1/4)
9	8866-2020	2	CONNECTOR (includes item 10)
10	8859-1207	2	O-RING
11		Ref	MAIN CONTROL VALVE ASSY (see page 10-14 for details)



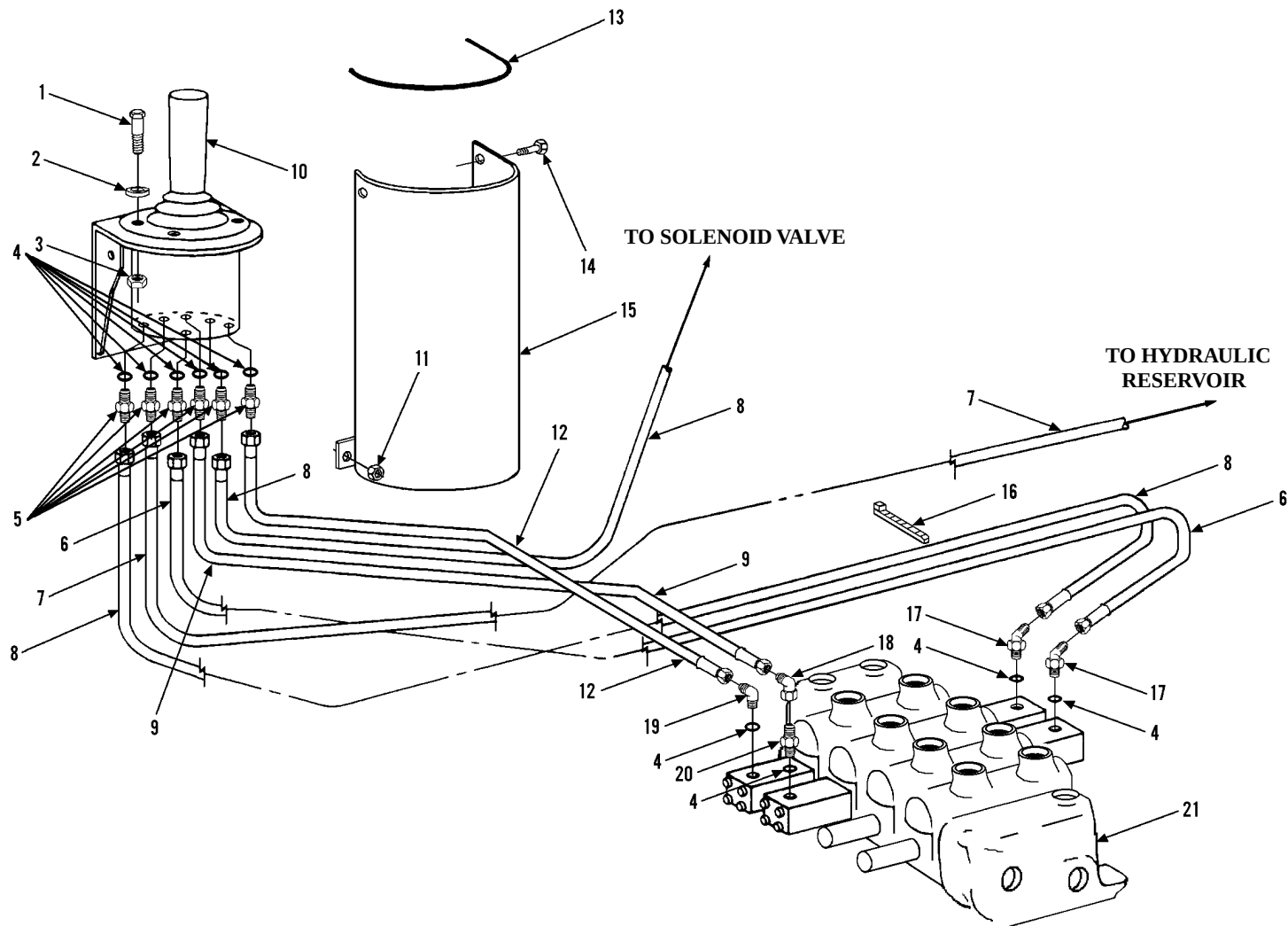
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	8471-8415	1	HOSE ASSY	15		Ref	PRIORITY FLOW CONTROL VALVE (see page 10-9 for details)
2	8866-2105	1	ELBOW, 90 DEGREES (swivel nut)	16	8866-2140	1	RUN TEE (includes item 5)
3	8866-2006	2	CONNECTOR (includes item 5)	17	7713-3209	6	HEX HD CAPSCREW, 1/4-20X1-3/8
4	8866-2018	1	CONNECTOR (includes item 5)	18	7713-3052	3	COVER PLATE
* 5	8859-1205	7	O-RING	19	7713-3893	3	CLAMP SET
6	8866-2065	1	ELBOW, 90 DEGREES (includes item 5)	20		Ref	STEERING CYLINDER ASSY (see page 10-6 for details)
7	8471-8432	1	HOSE ASSY	21	8859-1204	4	O-RING
8	8471-8347	1	HOSE ASSY	22	8866-2026	2	CONNECTOR (includes item 21)
9	8471-8348	1	HOSE ASSY	* 23	8866-2140	2	RUN TEE (includes item 5)
10		Ref	STEERING COLUMN (see page 7-5 for details)	24	8866-2106	2	ELBOW, 90 DEGREES (swivel nut)
11		Ref	STEERING CONTROL UNIT (see page 7-5 for details)	25	8471-8202	2	HOSE ASSY
12	8859-1202	3	O-RING	26	9002-7187	12	TIE WRAP
13	8866-2062	3	ELBOW, 90 DEGREES (includes item 12)	27	8866-2064	2	ELBOW, 90 DEGREES (includes item 21)
14	8471-6221	1	HOSE ASSY	28	8866-1341	1	TUBE END REDUCER (1/2-1/4)
				29	8471-8339	1	HOSE ASSY



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	8471-8415	1	HOSE ASSY	15		Ref	PRIORITY FLOW CONTROL VALVE (see page 10-9 for details)
2	8866-2105	1	ELBOW, 90 DEGREES (swivel nut)	16	8866-2140	1	RUN TEE (includes item 5)
3	8866-2006	2	CONNECTOR (includes item 5)	17	7713-3209	6	HEX HD CAPSCREW, 1/4-20X1-3/8
4	8866-2018	1	CONNECTOR (includes item 5)	18	7713-3052	3	COVER PLATE
5	8859-1205	7	O-RING	19	7713-3893	3	CLAMP SET
6	8866-2065	1	ELBOW, 90 DEGREES (includes item 5)	20		Ref	STEERING CYLINDER ASSY (see page 10-6 for details)
7	8471-8432	1	HOSE ASSY	21	8859-1204	2	O-RING
8	8471-8347	1	HOSE ASSY	22	8471-8339	1	HOSE ASSY
9	8471-8348	1	HOSE ASSY	23	8866-2140	2	RUN TEE (includes item 5)
*10		Ref	STEERING COLUMN (see page 7-5 for details)	24	8866-2106	2	ELBOW, 90 DEGREES (swivel nut)
*11		Ref	STEERING CONTROL UNIT (see page 7-5 for details)	25	8471-8202	2	HOSE ASSY
12	8859-1202	3	O-RING	26	9002-7187	12	TIE WRAP
13	8866-2062	3	ELBOW, 90 DEGREES (includes item 12)	27	8866-2064	2	ELBOW, 90 DEGREES (includes item 21)
14	8471-6221	1	HOSE ASSY	28	8866-1341	1	TUBE END REDUCER (1/2-1/4)
					8866-1406	1	NUT

GRADALL®
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534C-9/534C-10

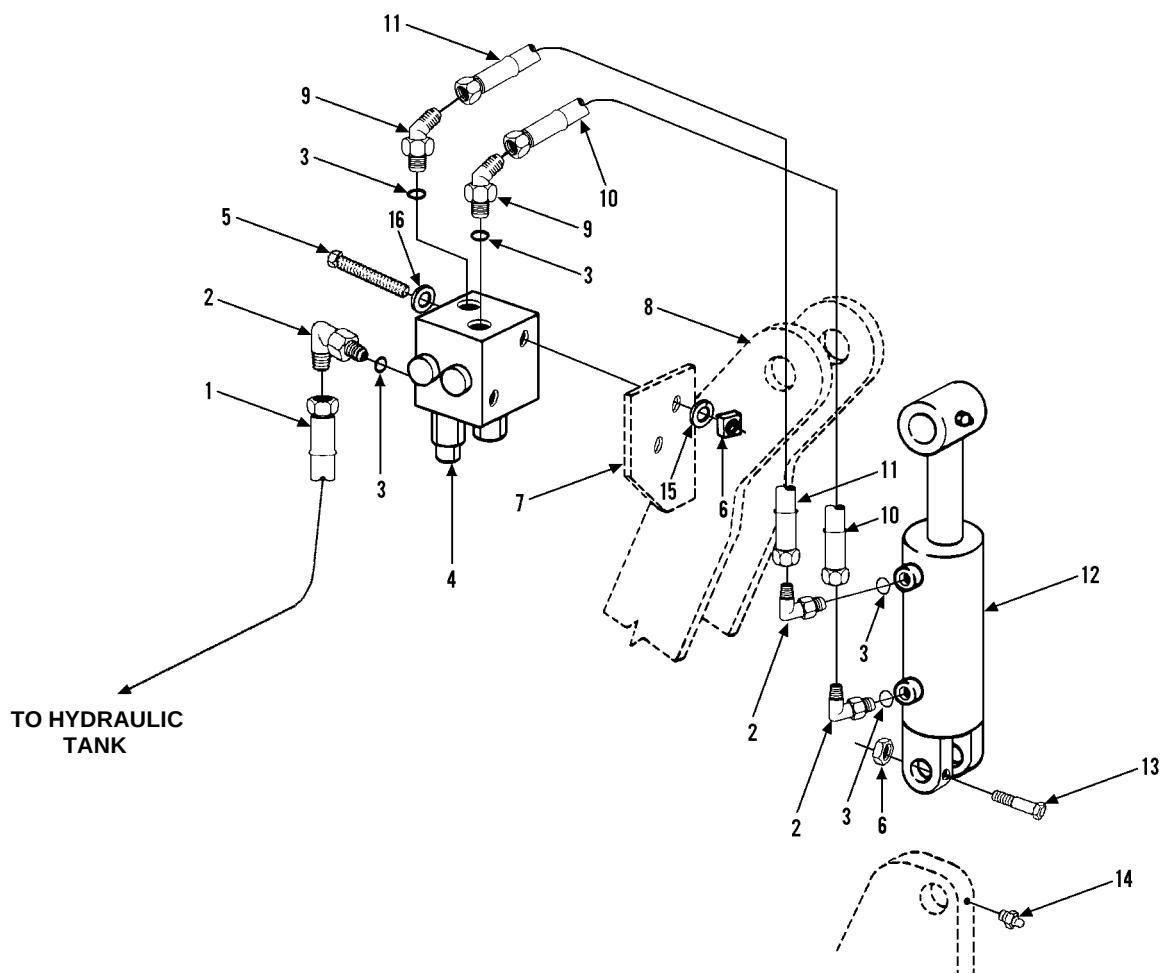
HYDRAULIC CIRCUITS
Joystick Circuit
534C-9 Starting Serial No. 0344001
534C-10 Starting Serial No. 0266001
Original Issue 4-95
Revised 3-13-97



Item	Part No.	Qty.	Description Of Part
1	8826-1017	4	SOCKET BUTTON HD CAPSCREW, 1/4-20X7/8, GR5
2	8855-1009	4	LOCKWASHER, 1/4
3	8850-1004	4	HEX NUT, 1/4-20
4	8859-1204	10	O-RING
* 5	8866-2005	6	CONNECTOR (includes item 4)
6	8471-7519	1	HOSE ASSY
7	7713-3167	1	HOSE ASSY
8	7713-3197	2	HOSE ASSY
9	8471-8377	1	HOSE ASSY
10		Ref	JOYSTICK (see page 10-20 for details)
11	7714-3006	2	WHIZ LOCKNUT, 5/16-18

Item	Part No.	Qty.	Description Of Part
12	7736-3126	1	HOSE ASSY
13	9020-6199	AR	TRIM LOK
14	7714-3003	2	WHIZ SCREW, 5/16-18X5/8
15	9114-6047	1	COVER
16	9002-7187	AR	TIE WRAP
17	8866-2084	2	ELBOW, 45 DEGREES (includes item 4)
18	8866-2105	1	ELBOW, 90 DEGREES (swivel nut)
19	8866-2064	1	ELBOW, 90 DEGREES (includes item 4)
20	8866-2005	1	CONNECTOR (includes item 4)
21		Ref	MAIN CONTROL VALVE (see page 10-14 for details)

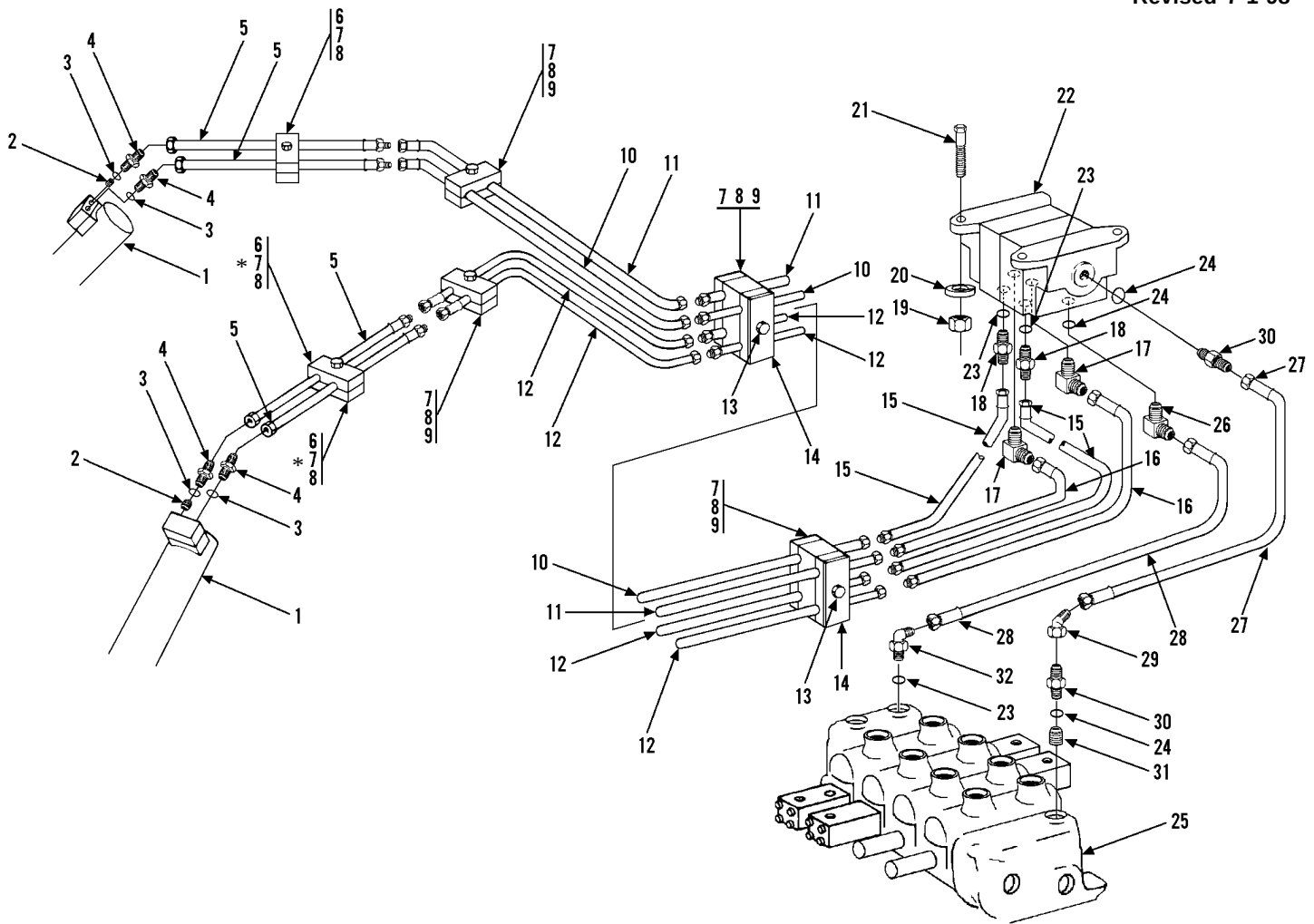
* Changed part number on item 5.



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	8471-6426	1	HOSE ASSY	9	8866-2085	2	ELBOW, 45 DEGREES (includes item 3)
2	8866-2065	3	ELBOW, 90 DEGREES (includes item 3)	10	8471-7848	1	HOSE ASSY
3	8859-1205	5	O-RING	11	8471-7847	1	HOSE ASSY
4		Ref	STABILIZER VALVE ASSY (see page 10-26 for details)	12		Ref	STABILIZER CYLINDER ASSY (see page 10-7 for details)
5	8320-1073	2	HEX HD CAPSCREW, 3/8-16X4-1/2, GR5	13	8820-1044	1	HEX HD CAPSCREW, 3/8-16X3-1/4, GR5
6	9104-3199	2	SQUARE NUT	14	8867-1008	1	LUBE FITTING, STRAIGHT, 1/4-28
7	9114-1235	1	BRACKET	15	8855-1007	2	LOCKWASHER, #10
8	9114-1172	2	BRACKET	16	8856-1001	4	FLAT WASHER, 3/16

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534C-10

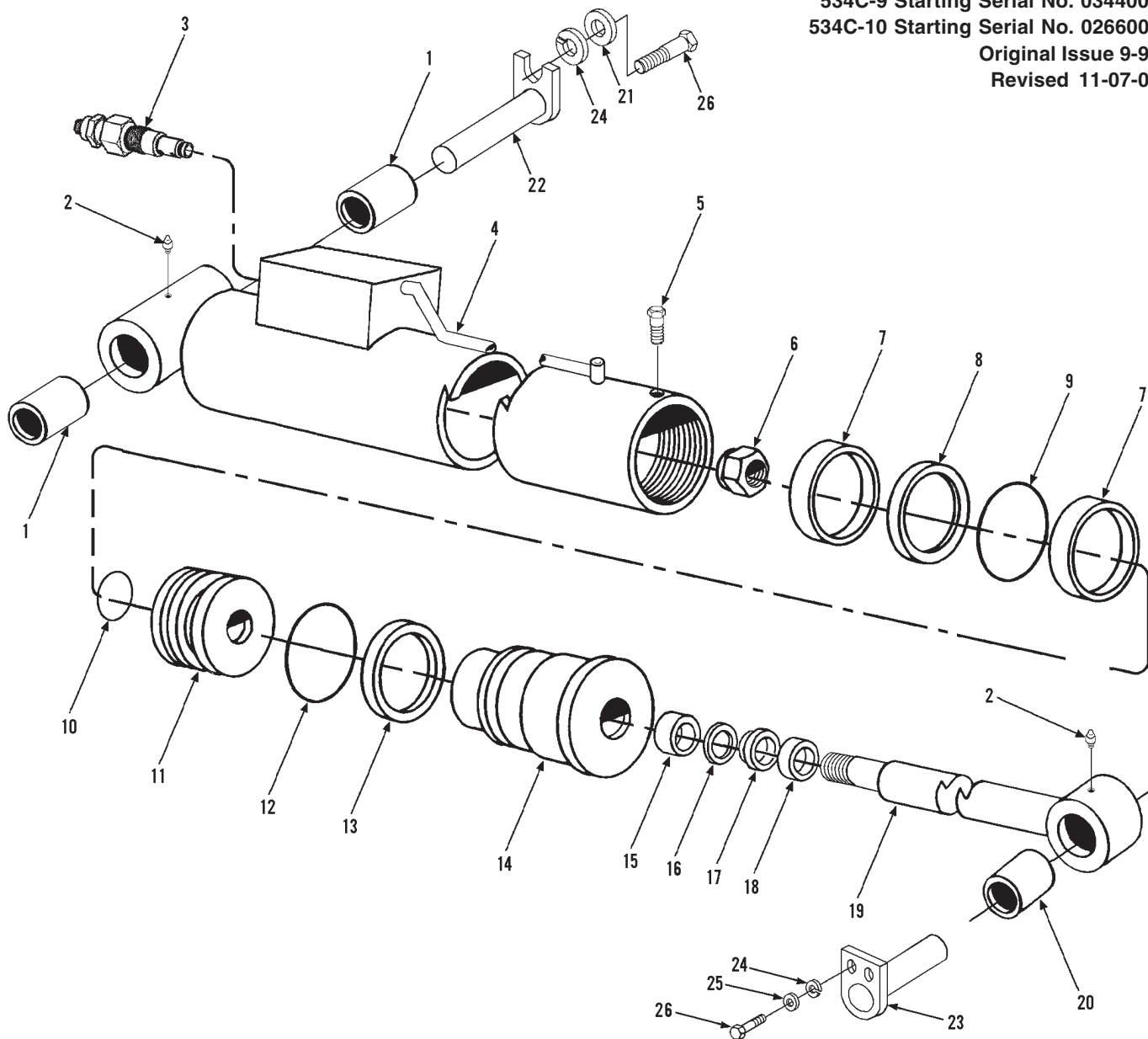
HYDRAULIC CIRCUITS
Outrigger Cylinder
534C-10 Starting Serial No. 0266001
Original Issue 4-95
Revised 7-1-98



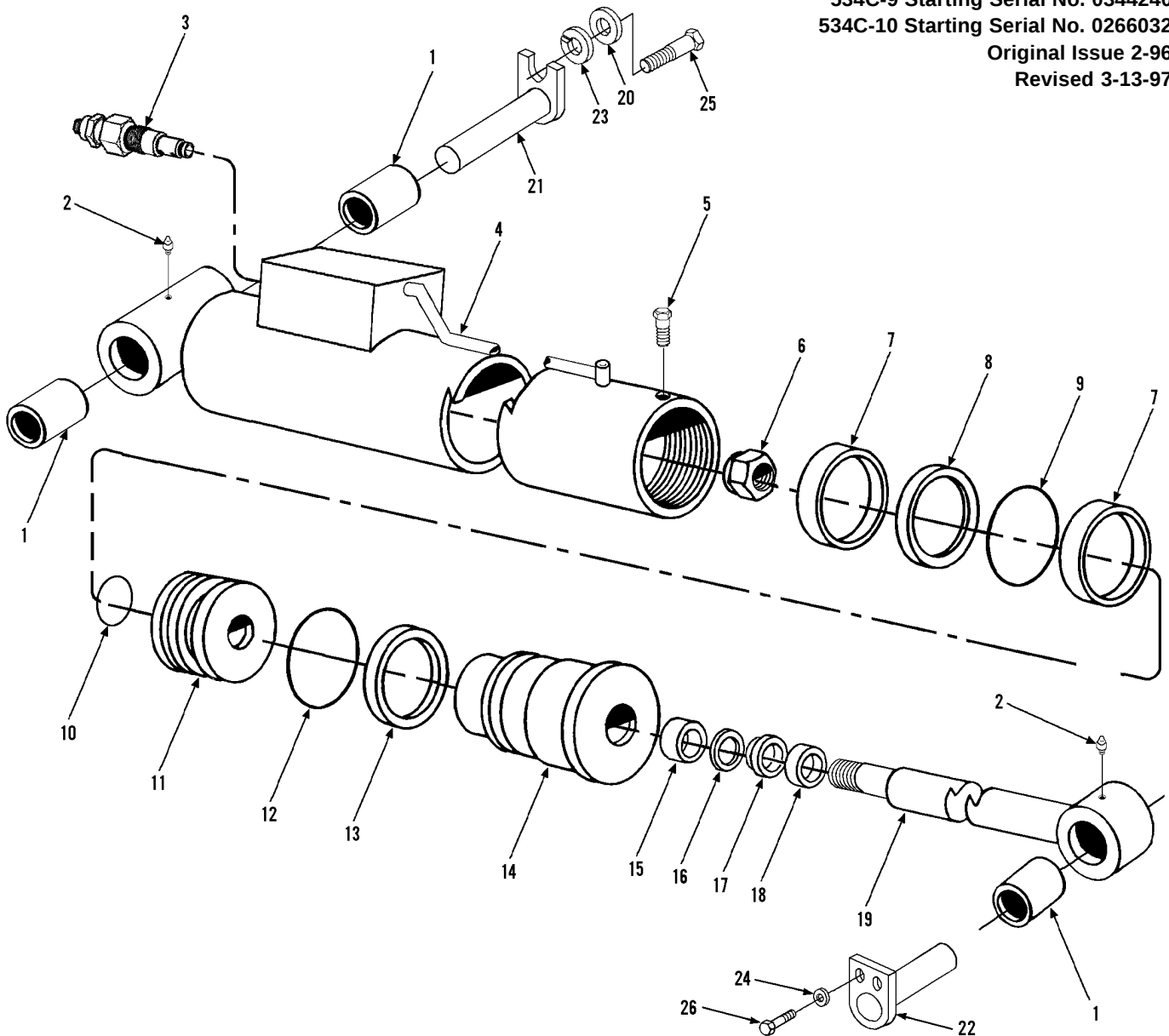
Item	Part No.	Qty.	Description Of Part
1		Ref	OUTRIGGER CYLINDER ASSY (see page 10-8 for details)
2	9103-3201	2	ORIFICE CHECK
3	8859-1205	4	O-RING
4	8866-2018	4	CONNECTOR (includes item 3)
5	8471-8421	4	HOSE ASSY
6	7713-3139	2	CLAMP SET
7	7713-3140	6	COVER PLATE
8	7713-3177	6	HEX HD CAPSCREW, 5/16-18X1-3/8
9	7713-3168	6	CLAMP SET
10	9114-3064	1	TUBE ASSY
11	9114-3063	1	TUBE ASSY
12	9114-3062	2	TUBE ASSY
13	7713-3389	2	STACK BOLT
14	7713-3390	2	SAFETY CLIP
15	8471-8418	2	HOSE ASSY
16	8471-8554	2	HOSE ASSY
17	9105-3450	2	ELBOW, 90 DEGREES (includes item 8859-2020 o-ring)
18	9105-3426	2	CONNECTOR (includes item 23)

Item	Part No.	Qty.	Description Of Part
19	8850-1008	3	HEX NUT, 1/2-13
20	8855-1013	3	LOCKWASHER, 1/2
21	8820-1070	3	HEX HD CAPSCREW, 1/2-13X2-1/4
22		Ref	OUTRIGGER CONTROL VALVE ASSY (see page 10-27 for details)
23	8859-1207	3	O-RING
24	8859-1209	3	O-RING
25		Ref	MAIN CONTROL VALVE ASSY (see page 10-14 for details)
26	8866-2061	1	ELBOW, 90 DEGREES (includes item 24)
27	8471-8420	1	HOSE ASSY
28	8471-8419	1	HOSE ASSY
29	8866-2122	1	ELBOW, 45 DEGREES (swivel nut)
30	8866-2025	2	CONNECTOR (includes item 24)
31	8871-1285	1	PIPE PLUG
32	8866-2067	1	ELBOW, 90 DEGREES (includes item 23)

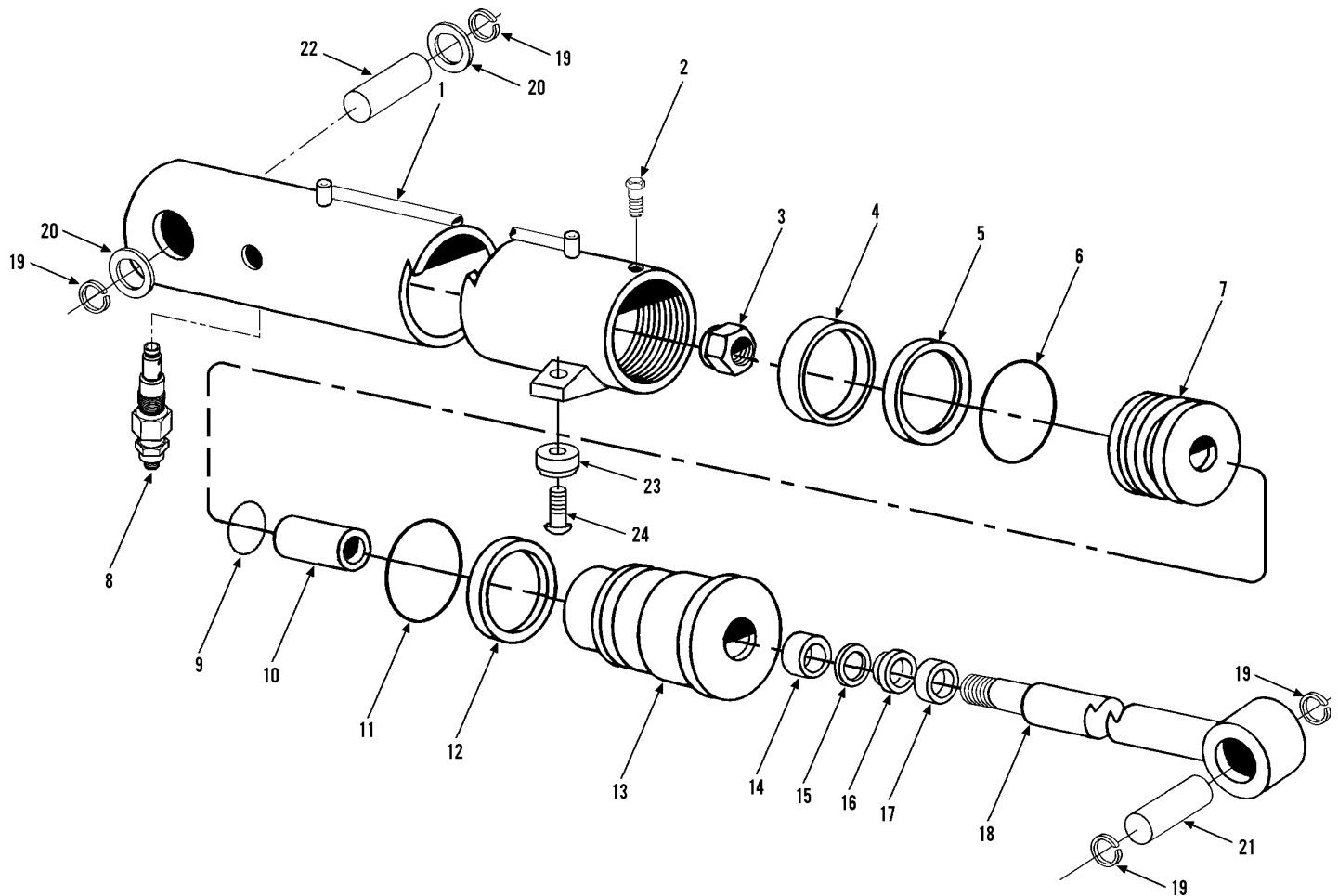
* Changed item numbers for clamp assembly in art.



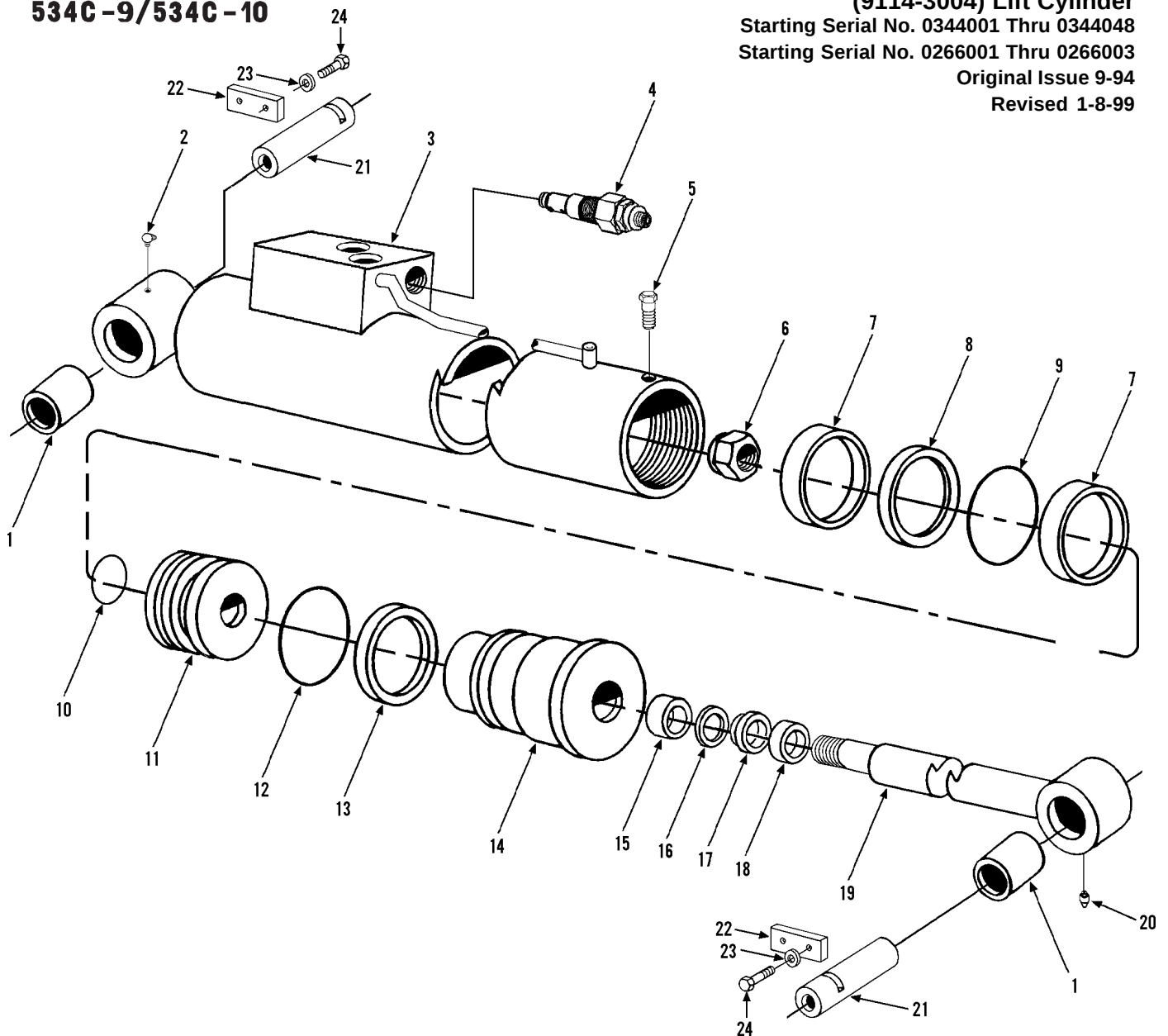
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
*	9114-3002	1	TILT CYLINDER ASSY (includes items 1 thru 20)	13		1	BACK-UP RING
	9114-4004	1	SEAL KIT (includes items 7, 8, 9, 10, 12, 13 & 15 thru 18)	14	9114-4024	1	CYLINDER HEAD
* 1	9106-4016	2	BUSHING	15		1	WEAR RING
2	8867-1001	2	GREASE FITTING	16		1	STEP SEAL
3	9112-3089	1	COUNTERBALANCE VALVE	17		1	U-CUP
	9103-4276	1	COUNTERBALANCE VALVE SEAL KIT	18		1	WIPER
4	9114-4023	1	CASE ASSY	19	9114-4025	1	ROD ASSY
5	9114-4017	1	CAPSCREW, #8X32X.375	* 20	9114-4479	1	BUSHING
6	9103-4153	1	LOCKNUT (torque 1300-1350 ft.lbs.)	* 21	8362-1283	1	SPECIAL WASHER
7		2	WEAR RING	* 22	9114-6052	1	PIN WELDMENT
8		1	PISTON SEAL	* 23	9116-6040	1	PIN WELDMENT
9		1	O-RING	* 24	8855-1013	3	LOCKWASHER, 1/2
10		1	O-RING	* 25	8856-1111	2	FLAT WASHER, 1/2
11	9103-4139	1	PISTON	* 26	8820-1065	3	HEX HD CAPSCREW, 1/2-13X1, GR5
12		1	O-RING				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.



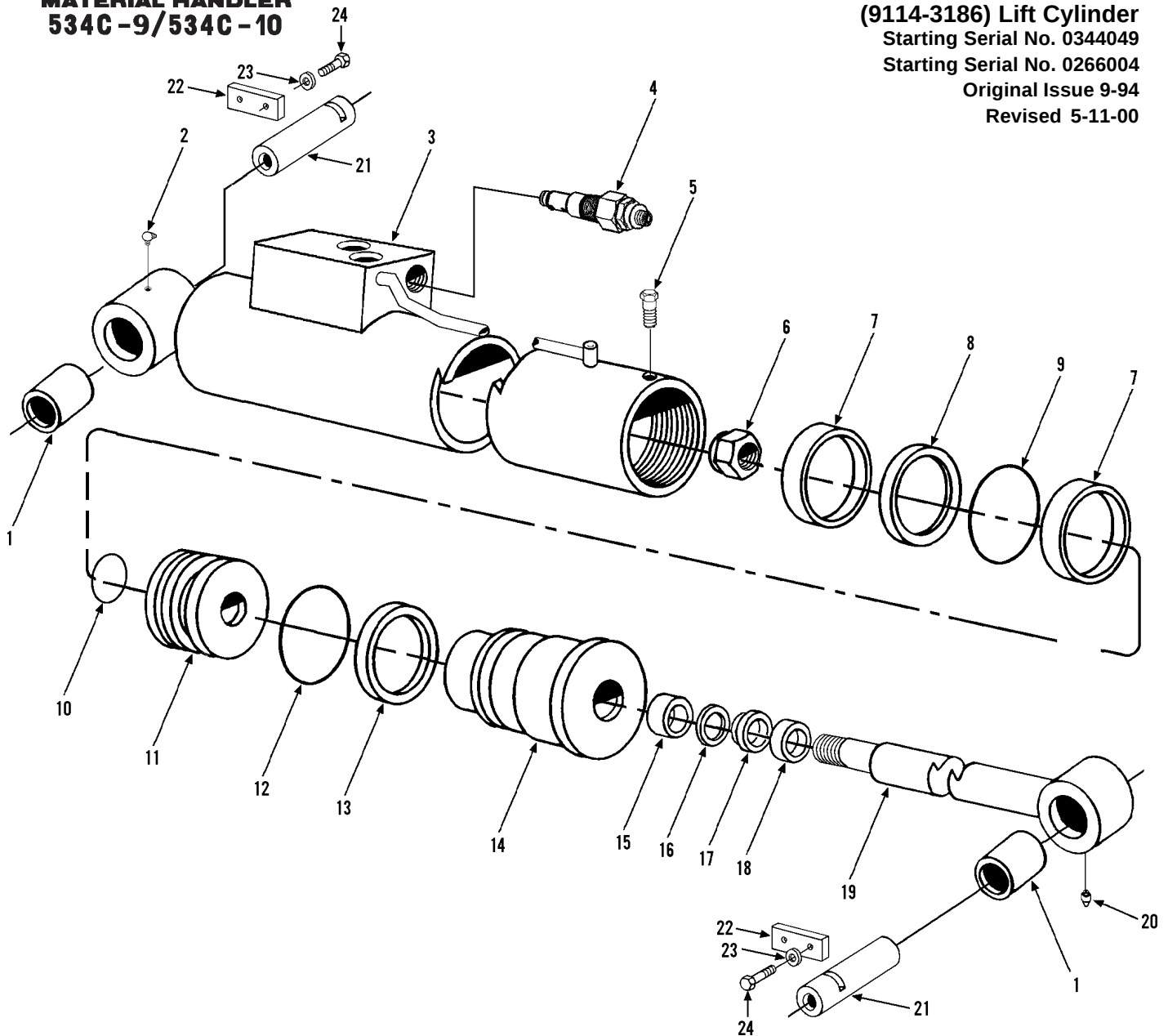
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-3214	1	TILT CYLINDER ASSY (includes items 1 thru 19)	13		1	BACK-UP RING
	9114-4004	1	SEAL KIT (includes items 7, 8, 9, 10, 12, 13 & 15 thru 18)	14	9114-4024	1	GLAND
1	9106-4016	3	BUSHING	15		1	WEAR RING
2	8867-1001	2	GREASE FITTING	16		1	STEP SEAL
3	9112-3089	1	COUNTERBALANCE VALVE	17		1	U-CUP
	9103-4276	1	COUNTERBALANCE VALVE SEAL KIT	18		1	WIPER
4	9114-4023	1	CASE ASSY	19	9114-4025	1	ROD ASSY
5	9114-4017	1	CAPSCREW, #8X32X.375	20	8362-1283	1	SPECIAL WASHER
6	9103-4153	1	LOCKNUT (torque 1300-1350 ft.lbs.)	21	9114-6052	1	PIN WELDMENT
7		2	WEAR RING	*22	9116-6062	1	PIN WELDMENT
8		1	PISTON SEAL	*23	8855-1013	1	LOCKWASHER, 1/2
9		1	O-RING	24	8856-1111	2	FLAT WASHER, 1/2
10		1	O-RING	*25	8820-1065	1	HEX HD CAPSCREW, 1/2-13X1, GR5
11	9103-4139	1	PISTON	*26	8320-1123	2	HEX HD CAPSCREW, 1/2-13X1, (nylok)
12		1	O-RING				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.



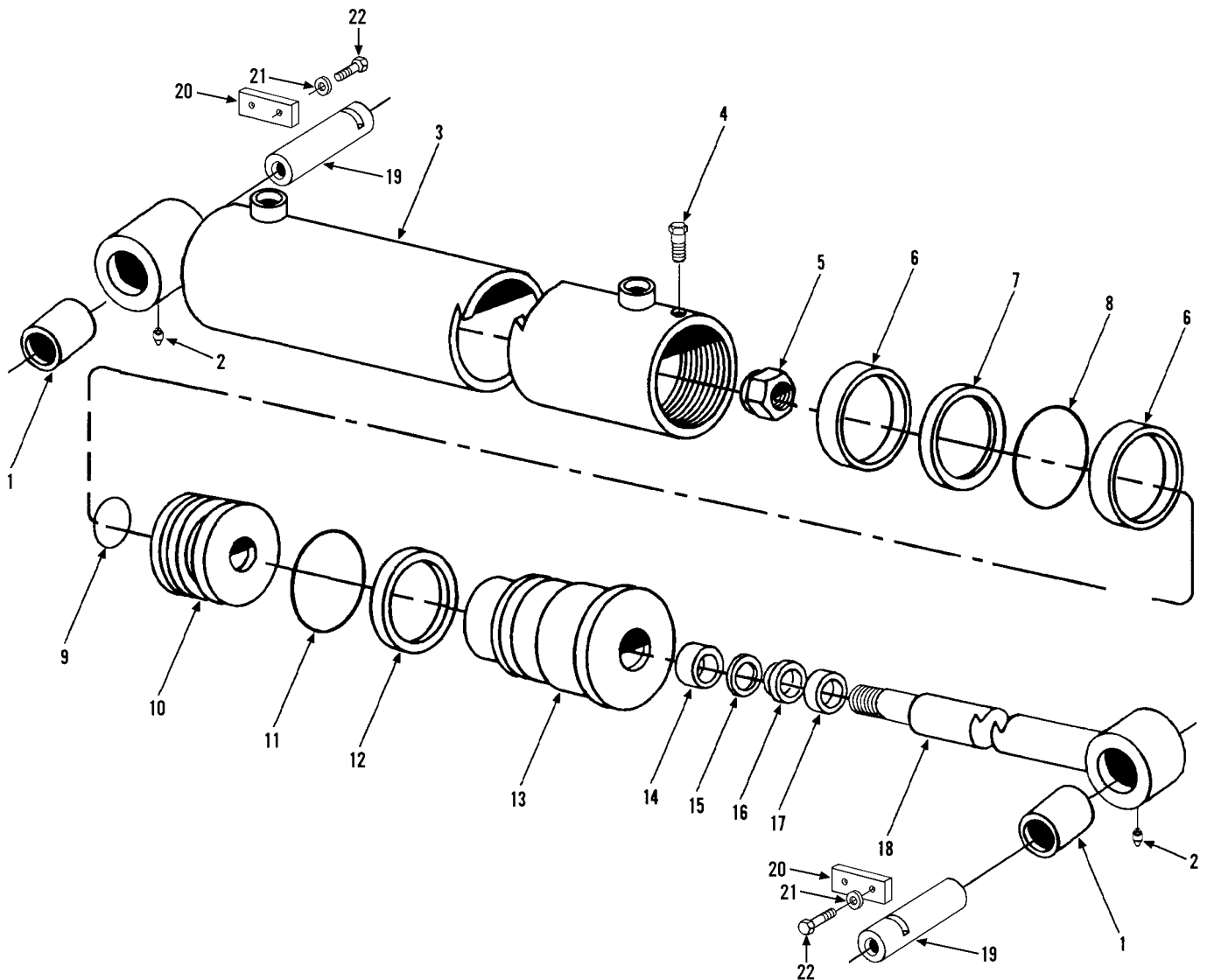
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-3001	1	CROWDCYLINDERASSY, (includes items 1 thru 18)	13	9114-4020	1	CYLINDER HEAD
	9114-4003	1	SEAL KIT, (includes items 4, 5, 6, 9, 11, 12 & 14 thru 17)	14		2	WEAR RING
1	9114-4016	1	CASE ASSY	15		1	STEP SEAL
2	9114-4017	1	CAPSCREW, #8X32X.375	16		1	U-CUP
3	9106-4017	1	LOCKNUT, (torque 825-875 ft.lbs.)	17		1	WIPER
4		2	WEAR RING	18	9114-4021	1	ROD ASSY
5		1	PISTON SEAL	19	8858-1149	4	RETAINING RING
6		1	O-RING	20	9114-1158	2	SPACER
7	9114-4018	1	PISTON	21	9114-1123	1	CROWD CYLINDER PIN
8	9112-3089	1	COUNTERBALANCE VALVE	22	9114-1124	1	CROWD CYLINDER PIN
	9103-4276	1	COUNTERBALANCE VALVE SEAL KIT	*23	9114-3083	2	BEARING PAD
9		1	O-RING	*24	8826-1026	2	SOCKET BUTTON HD CAPSCREW, #3/8-16X5/8
10	9114-4019	1	SPACER				
11		1	O-RING				
12		1	BACK-UP RING				
							NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.



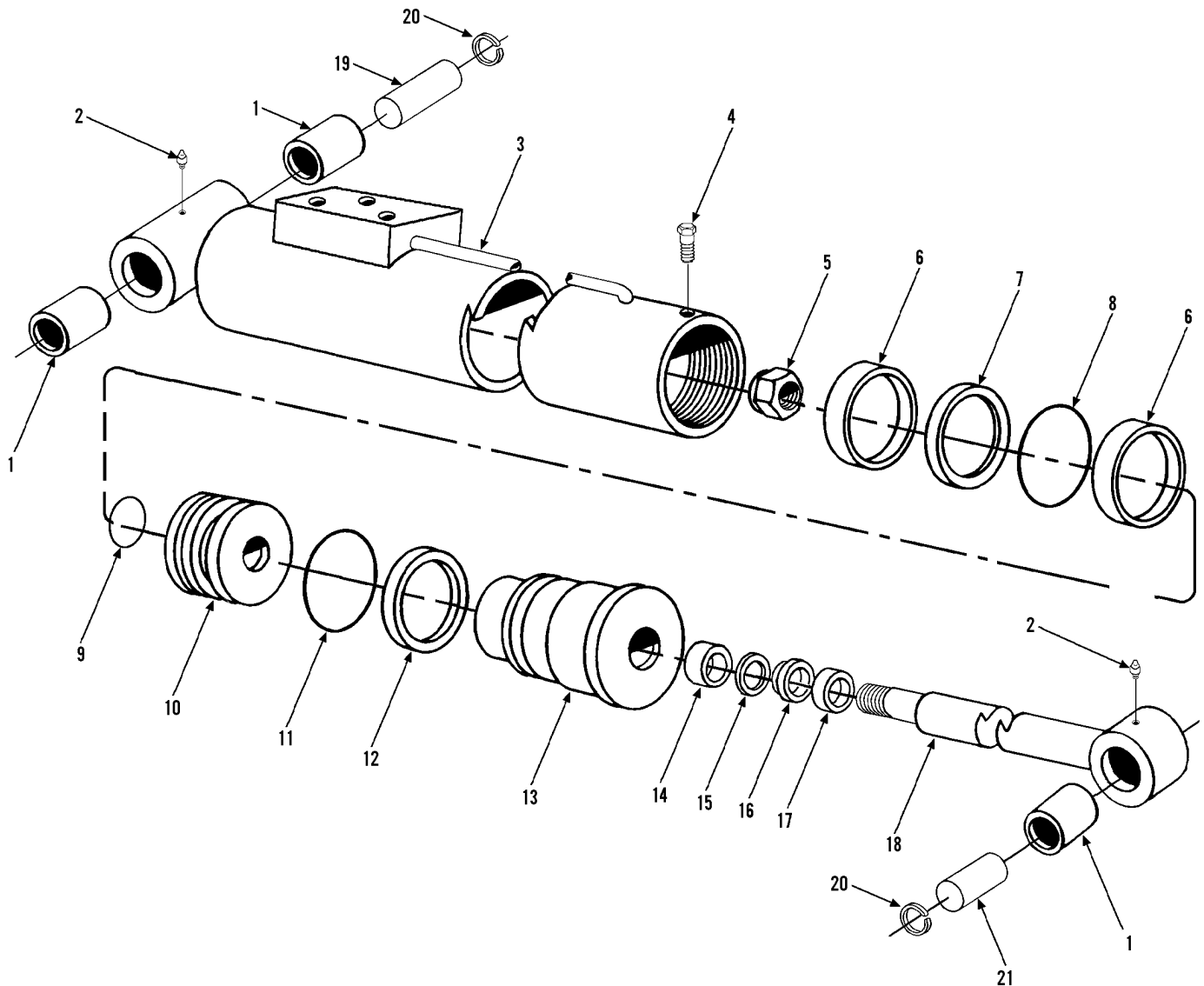
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
*	9114-3004	2	LIFT CYLINDER ASSY (includes items 1 thru 20)	13		1	BACK-UP RING
	9114-4004	1	SEAL KIT (includes items 7, 8, 9, 10, 12, 13 & 15 thru 18)	14	9114-4024	1	CYLINDER HEAD
	9114-4029	2	BUSHING	15		1	WEAR RING
	8867-1022	1	GREASE FITTING, 90 DEGREES	16		1	STEP SEAL
	9114-4030	1	CASE ASSY	17		1	U-CUP
	9112-3089	1	COUNTERBALANCE VALVE	18		1	WIPER
	9103-4276	1	COUNTERBALANCE VALVE SEAL KIT	19	9114-4031	1	ROD ASSY
5	9114-4017	1	CAPSCREW, #8X32X.375	20	8867-1001	1	GREASE FITTING
6	9103-4153	1	LOCKNUT (torque 1300-1350 ft.lbs.)	21	9114-1126	2	PIN
7		2	WEAR RING	22	9108-1313	2	PIN KEEPER
8		1	PISTON SEAL	23	8855-1013	4	LOCKWASHER, 1/2
9		1	O-RING	24	8820-1065	4	HEX HD CAPSCREW, 1/2-13X1, GR5
10		1	O-RING				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.
11	9103-4139	1	PISTON				
12		1	O-RING				



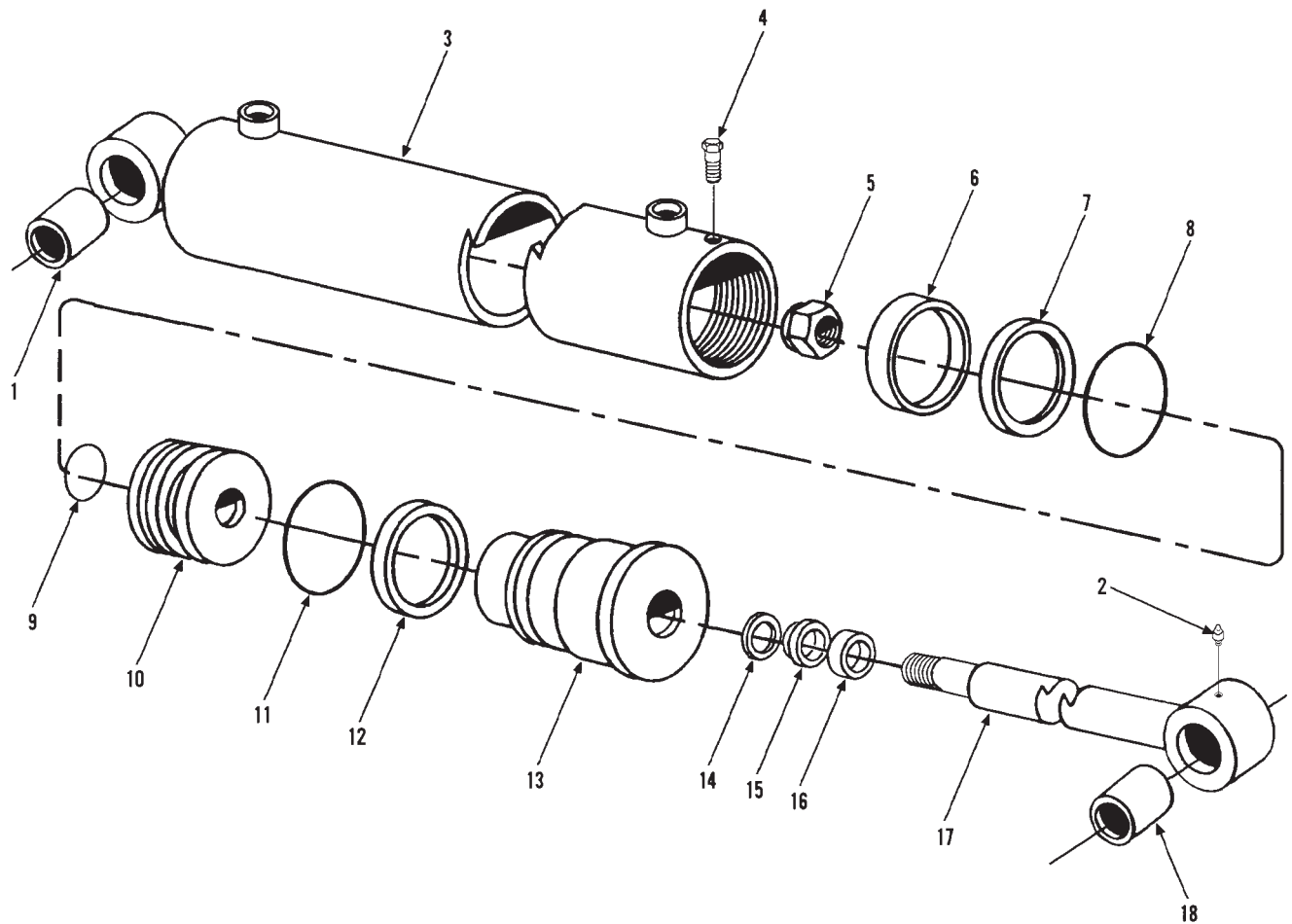
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-3186	2	LIFT CYLINDER ASSY (includes items 1 thru 20)	13		1	BACK-UP RING
	9114-4249	1	SEAL KIT (includes items 7, 8, 9, 10, 12, 13 & 15 thru 18)	14	9114-4126	1	CYLINDER HEAD
* 1	9114-4029	2	BUSHING	15		1	WEAR RING
2	9114-4125	1	GREASE FITTING	16		1	STEP SEAL
3	9114-4030	1	CASE ASSY	17		1	U-CUP
4	9112-3089	1	COUNTERBALANCE VALVE	18		1	WIPER
	9103-4276	1	COUNTERBALANCE VALVE SEAL KIT	19	9114-4127	1	ROD ASSY
5	9114-4017	1	CAPSCREW, #8X32X.375	20	9114-4128	1	GREASE FITTING
6	9103-4153	1	LOCKNUT (torque 1300-1350 ft.lbs.)	21	9114-1126	2	PIN
7		2	WEAR RING	22	9108-1313	2	PIN KEEPER
8		1	PISTON SEAL	23	8855-1013	4	LOCKWASHER, 1/2
9		1	O-RING	24	8820-1065	4	HEX HD CAPSCREW, 1/2-13X1, GR5
10		1	O-RING				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.
11	9103-4139	1	PISTON				
12		1	O-RING				



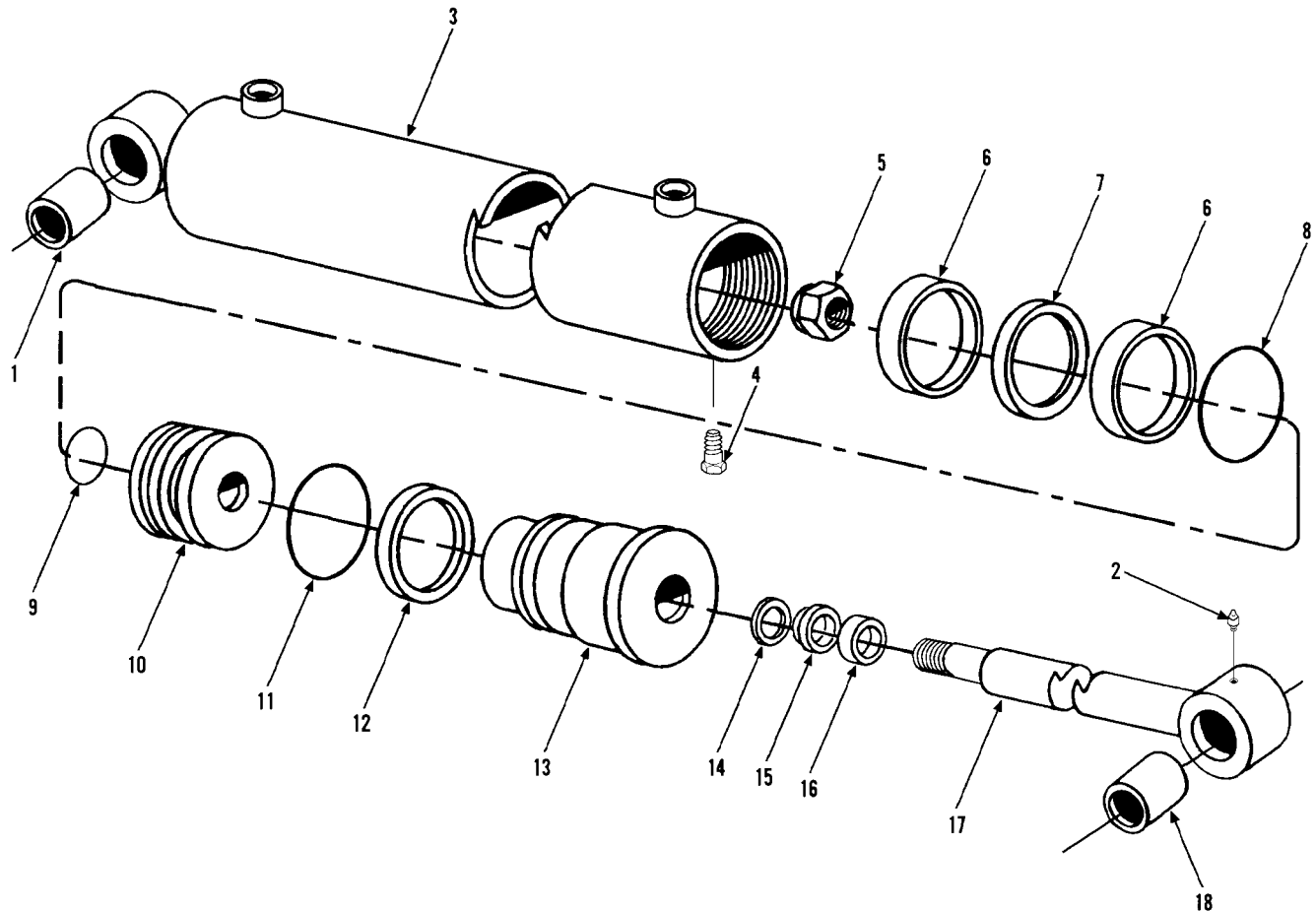
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-3003	1	COMPENSATING CYLINDER ASSY (includes items 1 thru 18)	12		1	BACK-UP RING
	9114-4004	1	SEAL KIT (includes items 6, 7, 8, 9, 11, 12 & 14 thru 17)	13	9114-4024	1	CYLINDER HEAD
1	9114-4026	2	BUSHING	14		1	WEAR RING
2	8867-1001	2	GREASE FITTING	15		1	STEP SEAL
3	9114-4027	1	CASE ASSY	16		1	U-CAP
4	9114-4017	1	CAPSCREW, #8X32X.375	17		1	WIPER
5	9103-4153	1	LOCKNUT (torque 1300-1350 ft.lbs.)	18	9114-4028	1	ROD ASSY
6		2	WEAR RING	19	9108-1432	2	PIN
7		1	PISTON SEAL	20	9108-1313	2	PIN KEEPER
8		1	O-RING	21	8855-1013	4	LOCKWASHER, , 1/2
9		1	O-RING	22	8820-1065	4	HEX HD CAPSCREW, 1/2-13X1, GR5
10	9103-4139	1	PISTON				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.
11		1	O-RING				



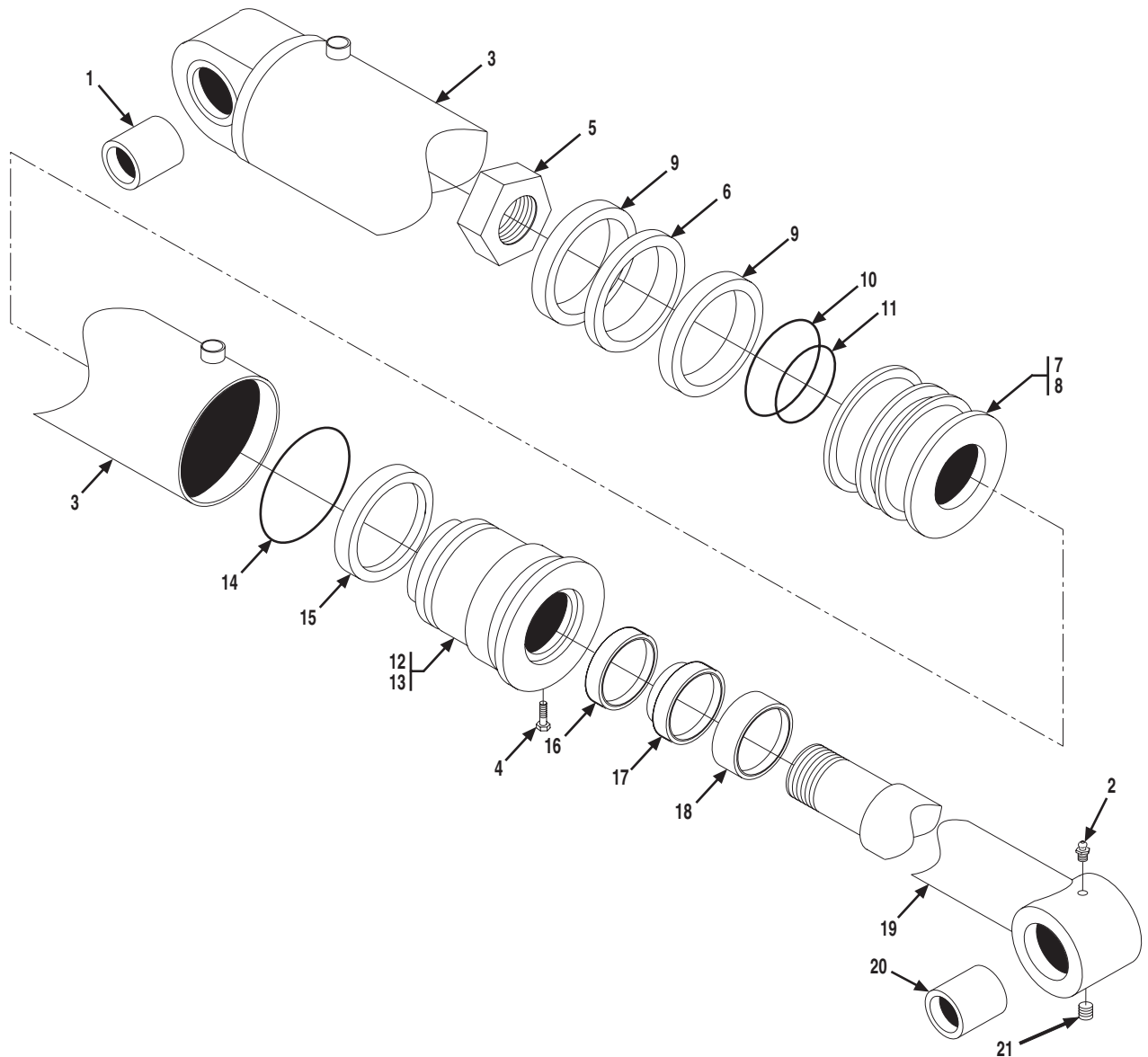
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-3007	1	SWAY CYLINDER (includes items 1 thru 18)	11		1	O-RING
	9114-4005	1	SEAL KIT (includes items 6, 7, 8, 9, 11, 12 & 14 thru 17)	12		1	BACK-UP RING
1	9106-4016	3	BUSHING	13	9114-4034	1	CYLINDER HEAD
2	8867-1001	2	GREASE FITTING	14		1	WEAR RING
3	9114-4032	1	CASE ASSY	15		1	STEP SEAL
4	9114-4017	1	CAPSCREW, #8X32X.375	16		1	U-CUP
5	9106-4017	1	LOCKNUT (torque 650-700 ft.lbs.)	17		1	WIPER
6		2	WEAR RING	18	9114-4035	1	ROD ASSY
7		1	PISTON SEAL	19	9114-1316	1	PIN
8		1	O-RING	20	9002-8935	4	RETAINING RING
9		1	O-RING	21	9020-7352	1	PIN
10	9114-4033	1	PISTON				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.



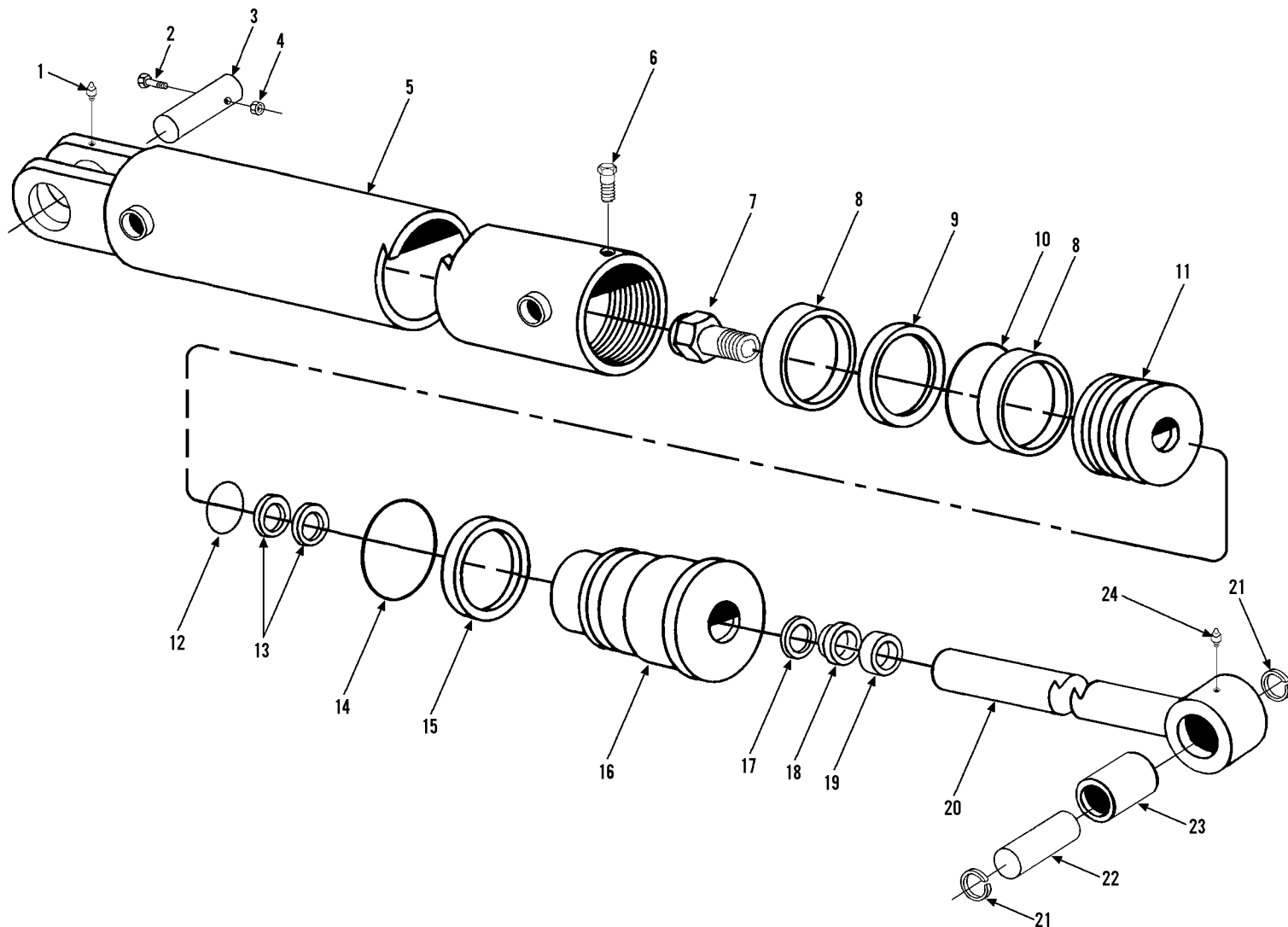
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-3014	2	STEERING CYLINDER (includes all items)	10	9114-4039	1	PISTON
	9114-4006	1	SEAL KIT (includes items 6, 7, 8, 9, 11, 12, 14, 15 & 16)	11		1	O-RING
* 1	9112-4087	1	BUSHING, 1-1/2 O.D.	12		1	BACK-UP RING
* 2	9114-4267	1	BUSHING, 1-5/8 O.D.	13	9114-4040	1	CYLINDER HEAD (torque to 100-400 ft. lbs.)
2	8867-1001	1	GREASE FITTING	14		1	STEP SEAL
3	9114-4037	1	CASE ASSY	*15		1	U-CUP
4	9114-4017	1	CAPSCREW, #8X32X.375	16		1	WIPER
5	9114-4038	1	LOCKNUT (torque 400-425 ft.lbs.)	17	9114-4041	1	ROD ASSY
6		1	WEAR RING	18	9104-3246	1	SELF-ALIGNING BUSHING
7		1	PISTON SEAL				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.
8		1	O-RING				
9		1	O-RING				



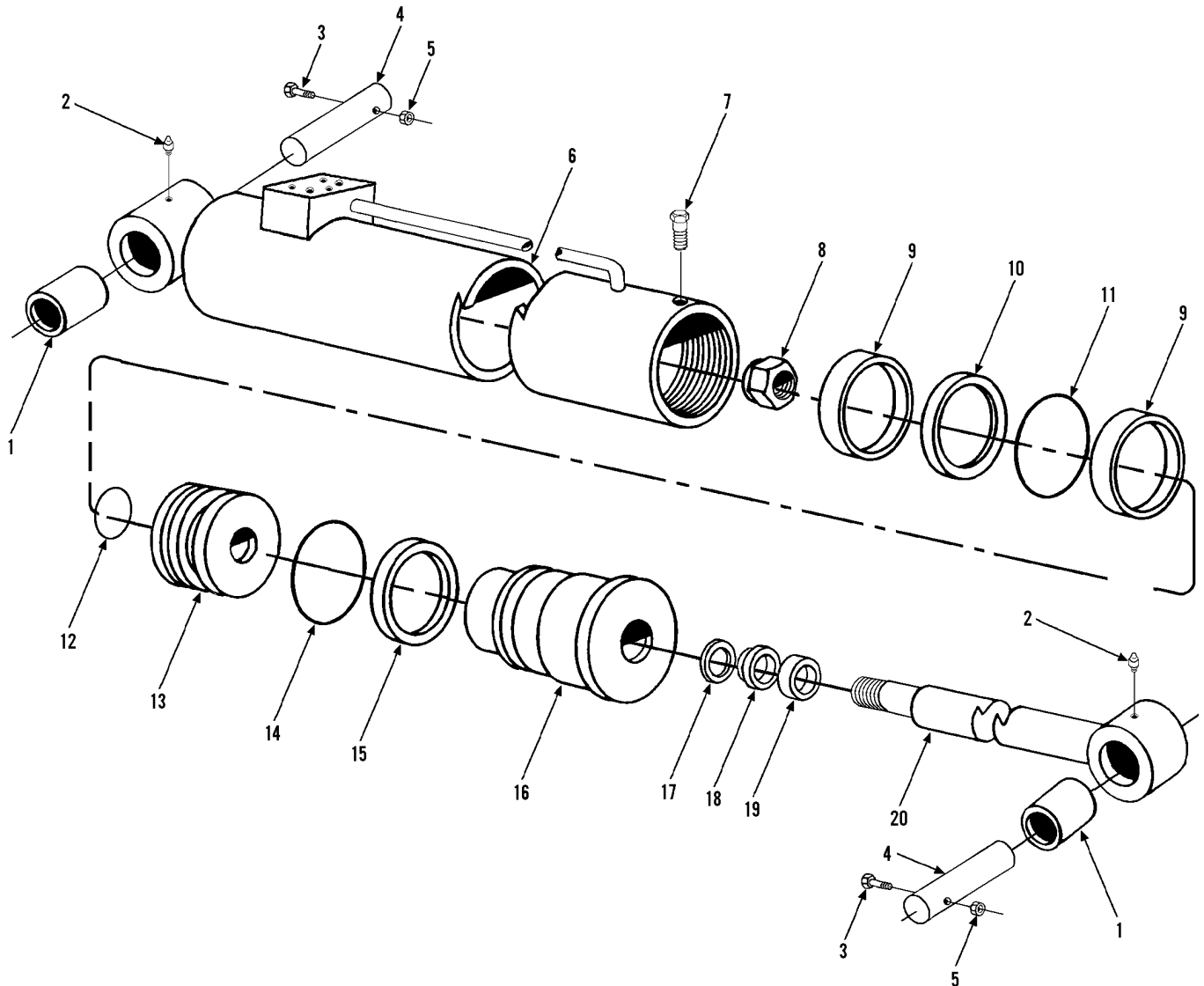
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
*	9116-3090	2	STEERING CYLINDER (includes all items)	10	9114-4039	1	PISTON
	9114-4006	1	SEAL KIT (includes items 6, 7, 8, 9, 11, 12, 14, 15 & 16)	11		1	O-RING
1	9116-4018	1	BUSHING	12		1	BACK-UP RING
2	9114-4128	1	GREASE FITTING	*13	9114-4040	1	CYLINDER HEAD (torque to 100-400 ft. lbs.)
3	9114-4037	1	CASE ASSY	14		1	STEP SEAL
4	9112-4096	1	SELF-TAPPING SCREW	15		1	U-CUP
5	9114-4038	1	LOCKNUT (torque 400-425 ft.lbs.)	16		1	WIPER
6		2	WEAR RING	17	9116-4026	1	ROD ASSY
7		1	PISTON SEAL	18	9104-3246	1	SELF-ALIGNING BUSHING
8		1	O-RING				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.
9		1	O-RING				



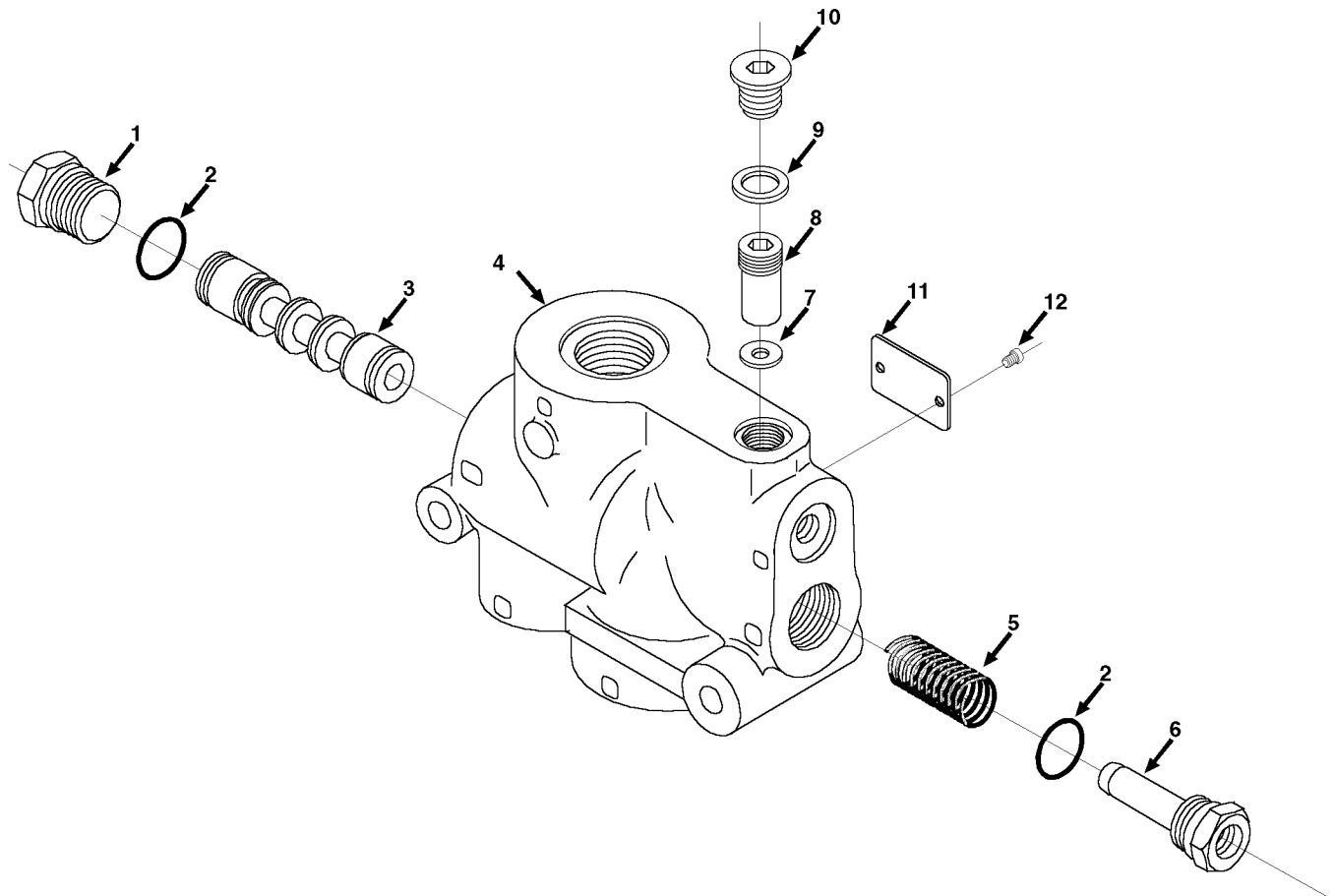
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9116-3178	2	STEERING CYLINDER, (includes all items)	12	9155-4035	1	CYLINDER HEAD ASSY, (includes items 13 thru 18)
	9114-4006	1	SEAL KIT, (includes items 6, 9, 10, 11 & 14 thru 18)	13	9114-4040	1	CYLINDER HEAD (torque to 100-400 ft. lbs.)
1	9116-4018	1	BUSHING	14		1	O-RING
2	9114-4128	1	GREASE FITTING	15		1	BACK-UP RING
3	9114-4037	1	CASE ASSY	16		1	STEP SEAL
4	9112-4096	1	SELF-TAPPING SCREW	17		1	U-CUP
5	9114-4038	1	LOCKNUT, (torque 400-425 ft.lbs.)	18		1	WIPER
6		1	PISTON SEAL	19	9116-4027	1	ROD ASSY
7	9155-4034	1	PISTON ASSY, (includes items 8 thru 11)	20	9104-3246	1	BUSHING
8	9114-4039	1	PISTON	21		1	HEX PLUG, 1/8-27 NPT
9		2	WEAR RING				
10		1	O-RING				
11		1	O-RING				
							NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.



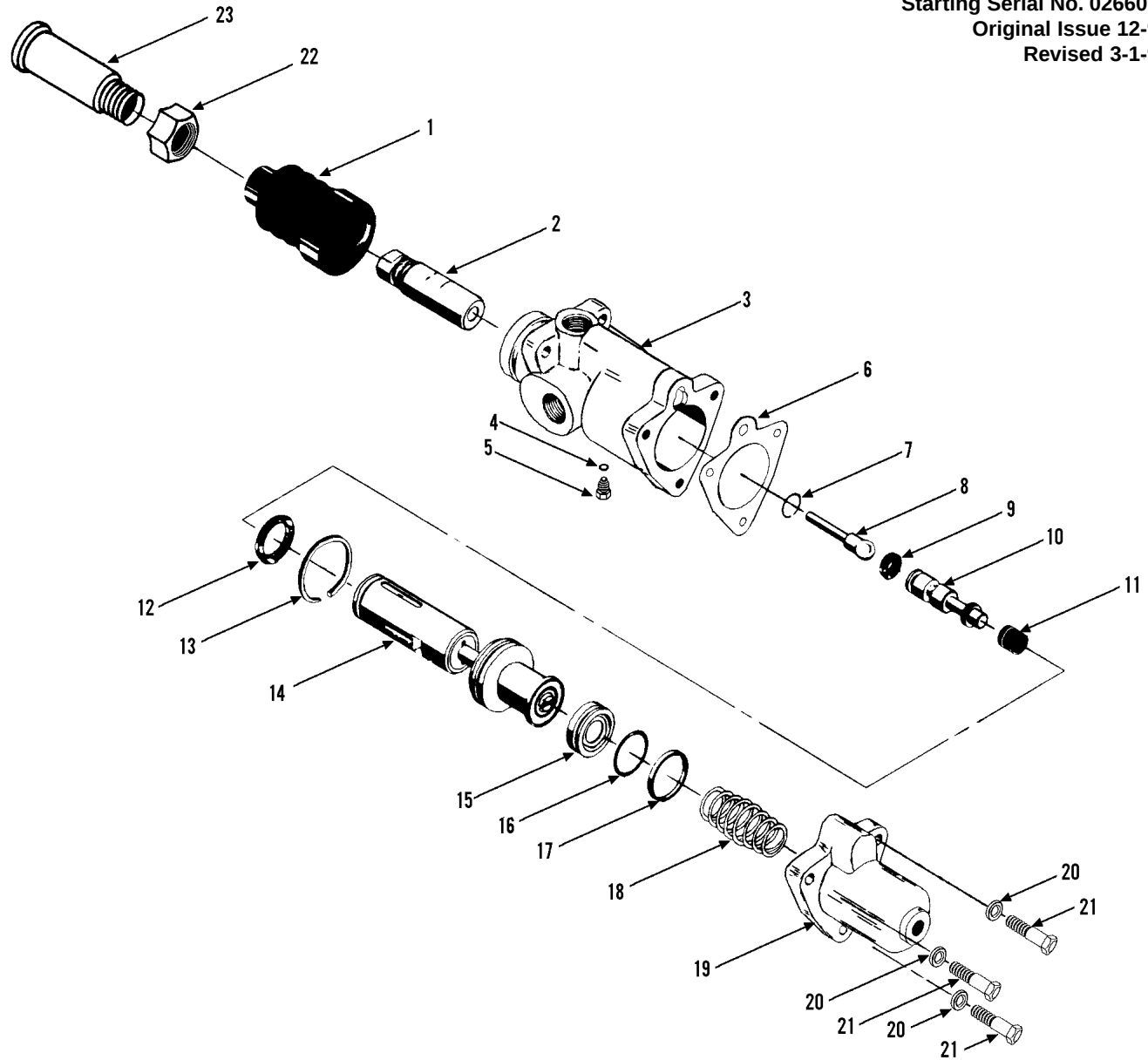
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-3113	1	STABILIZER CYLINDER (includes items 5 thru 20 and items 23 & 24)	12		1	O-RING
	9114-4007	1	SEAL KIT (includes items 8, 9, 10, 12, 13, 14, 15, 17, 18 & 19)	13		2	BACK-UP RING
1	8867-1008	1	LUBE FITTING	14		1	O-RING
2	8820-1044	1	HEX HD CAPSCREW, 3/8-16X3-1/4, GR5	15		1	BACK-UP RING
3	9112-1017	1	PIN	16	9115-4046	1	CYLINDER HEAD
4	8852-1206	1	LOCKNUT	17		1	STEP SEAL
5	9115-4043	1	CASE ASSY	18		1	U-CUP
6	9114-4017	1	CAPSCREW, #8X32X.375	19		1	WIPER
7	9115-4044	1	BOLT (torque 425-450 ft.lbs.)	20	9115-4047	1	ROD ASSY
8		2	WEAR RING	21	8855-1140	2	RETAINING RING
9		1	PISTON SEAL	22	9104-1227	1	PIN
10		1	O-RING	23	9115-4048	1	BUSHING
11	9115-4045	1	PISTON	24	8867-1001	1	GREASE FITTING
				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			



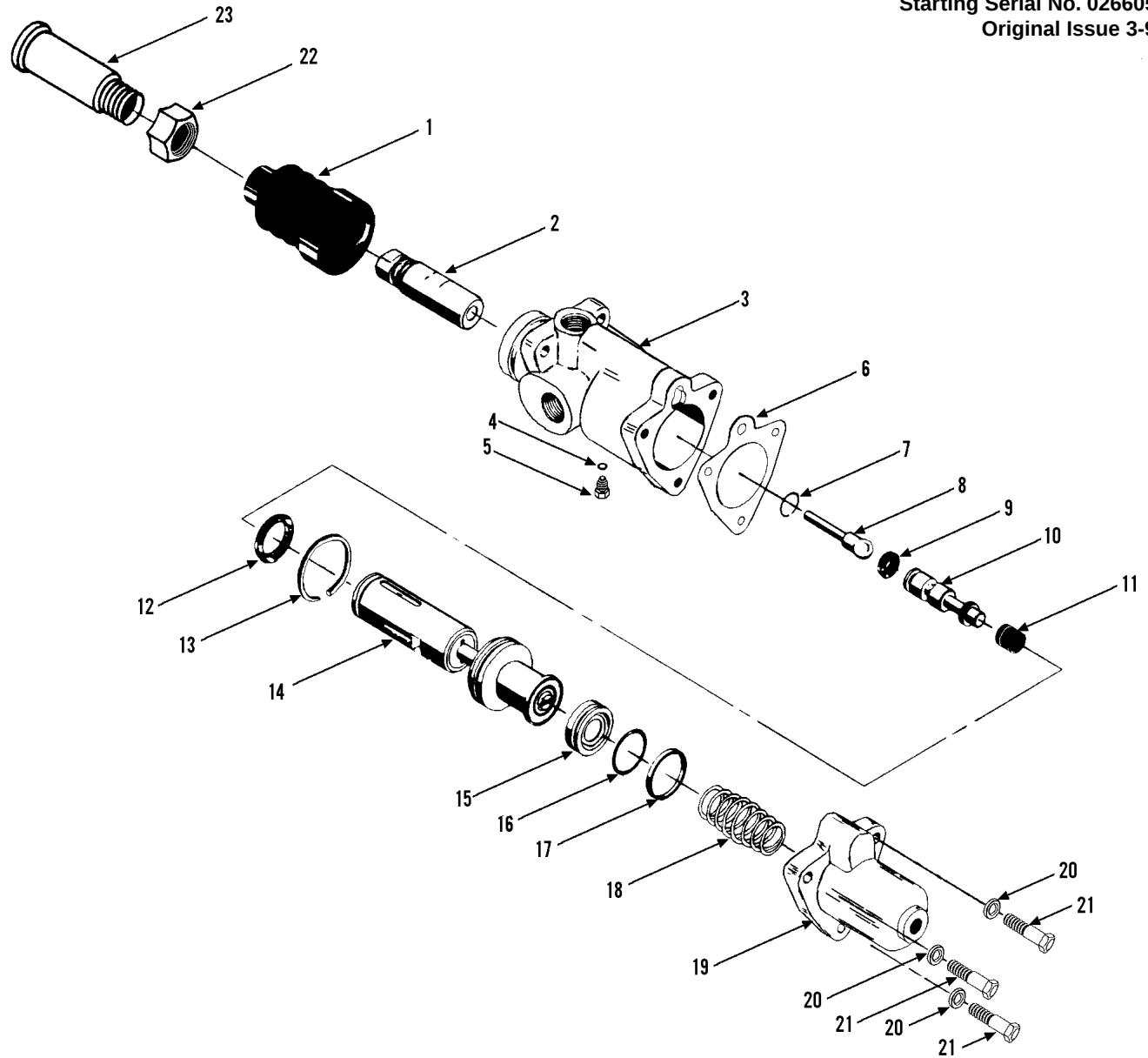
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-3048	2	OUTRIGGER CYLINDER (534C-10) (includes items 1, 2, and 6 thru 20)	10		1	PISTON SEAL
	9114-4004	1	SEAL KIT (includes items 9, 10, 11, 12, 14, 15, 17, 18 & 19)	11		1	O-RING
1	9115-4002	2	BUSHING	12		1	O-RING
2	8867-1001	2	GREASE FITTING	13	9103-4139	1	PISTON
3	8320-1073	2	HEX HD CAPSCREW, 3/8-16X4-1/2, GR5	14		1	O-RING
4	9103-1141	2	SHOE PIN	15		1	BACK-UP RING
5	8852-1206	2	HEX LOCKNUT, 3/8-16 (nylok)	16	9114-4024	1	CYLINDER HEAD
6	9115-4003	1	CASE ASSY	17		1	STEP SEAL
7	9114-4017	1	CAPSCREW, #8-32X.375	18		1	U-CUP
8	9103-4153	1	LOCKNUT	19		1	WIPER
9		2	WEAR RING	20	9115-4004	1	ROD ASSY
				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			



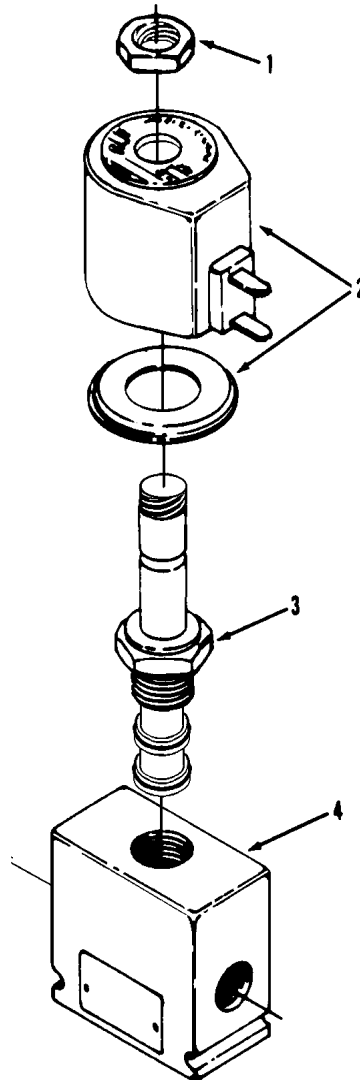
Item	PartNo.	Qty.	DescriptionOfPart
	9114-3047	1	PRIORITY FLOW CONTROL VALVE
	9114-4062	AR	SEAL KIT (includes items 2, 7 and 9)
1	9114-4063	1	EXTERNAL PLUG
2	9114-4064	2	O-RING
3		1	SPOOL
4		1	HOUSING
5	9114-4065	1	SPRING
6	9114-4066	1	LS PLUG
7	9114-4067	1	SEAL WASHER
8	9114-4068	1	PILOT RELIEF VALVE
9	9114-4069	1	SEAL RING
10	9114-4070	1	PLUG
11	9114-4071	1	NAME PLATE
12	9114-4072	1	DRIVE SCREW
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9108-3294	1	DISCONTINUED - POWER BRAKE VALVE, ORDER P/N 9112-3131 (service items interchange)	11		1	SPRING
	9112-3131	1	POWER BRAKE VALVE (includes items 1 thru 22)	12		1	CUP
	9108-4043	1	REPAIR KIT (includes items 1, 4, 6, 9, 12, 13, 15, 16 & 17)	13		1	PISTON RING
1	9108-4042	1	BOOT	14		1	SLEEVE & PISTON ASSY
2		1	PRESSURE REGULATING SPRING ASSY	15		1	PISTON & POPPET ASSY
3		1	HOUSING	16		1	O-RING
4		1	O-RING	17		1	RING SEAL
5		1	CAPSCREW	18		1	SPRING
6		1	GASKET	*19		1	END CAP
7		1	RETAINING RING	20		3	LOCKWASHER
8		1	PUSH ROD	21		3	HEX HD CAPSCREW
9		1	CUP	22	8850-1408	1	HEX JAM NUT, 1/2-20
10		1	SPOOL (not available for service, order 9112-3131)	23	9108-1445	1	PUSH ROD
				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			

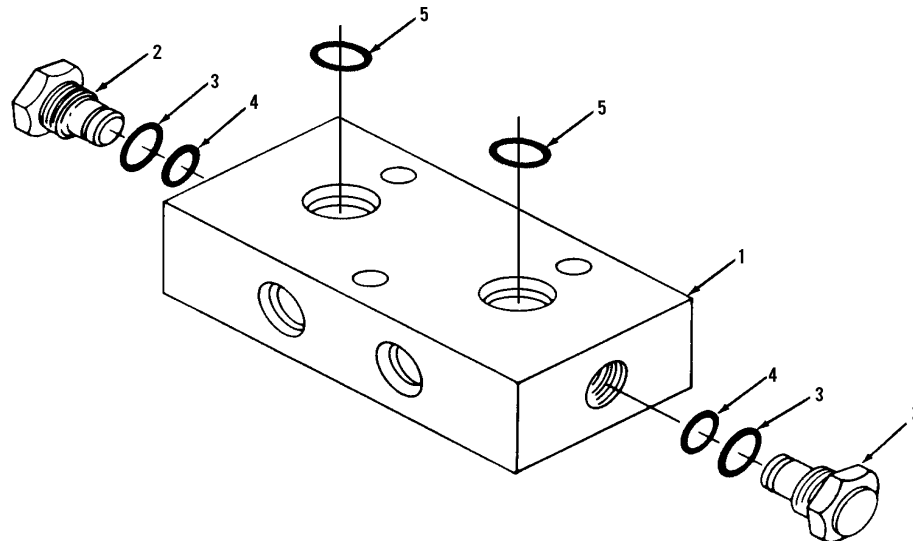


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-3201	1	POWER BRAKE VALVE (includes items 1 thru 22)	12		1	CUP
	9108-4043	1	REPAIR KIT (includes items 1, 4, 6, 9, 12, 13, 15, 16 & 17)	13		1	PISTON RING
1	9108-4042	1	BOOT	14		1	SLEEVE & PISTON ASSY
2		1	PRESSURE REGULATING SPRING ASSY	15		1	PISTON & POPPET ASSY
3		1	HOUSING	16		1	O-RING
4		1	O-RING	17		1	RING SEAL
5		1	CAPSCREW	18		1	SPRING
6		1	GASKET	19		1	END CAP
7		1	RETAINING RING	20		3	LOCKWASHER
8		1	PUSH ROD	21		3	HEX HD CAPSCREW
9		1	CUP	22	8850-1408	1	HEX JAM NUT, 1/2-20
10		1	SPOOL (not available for service, order 9114-3201)	23	9108-1445	1	PUSH ROD
11		1	SPRING				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.



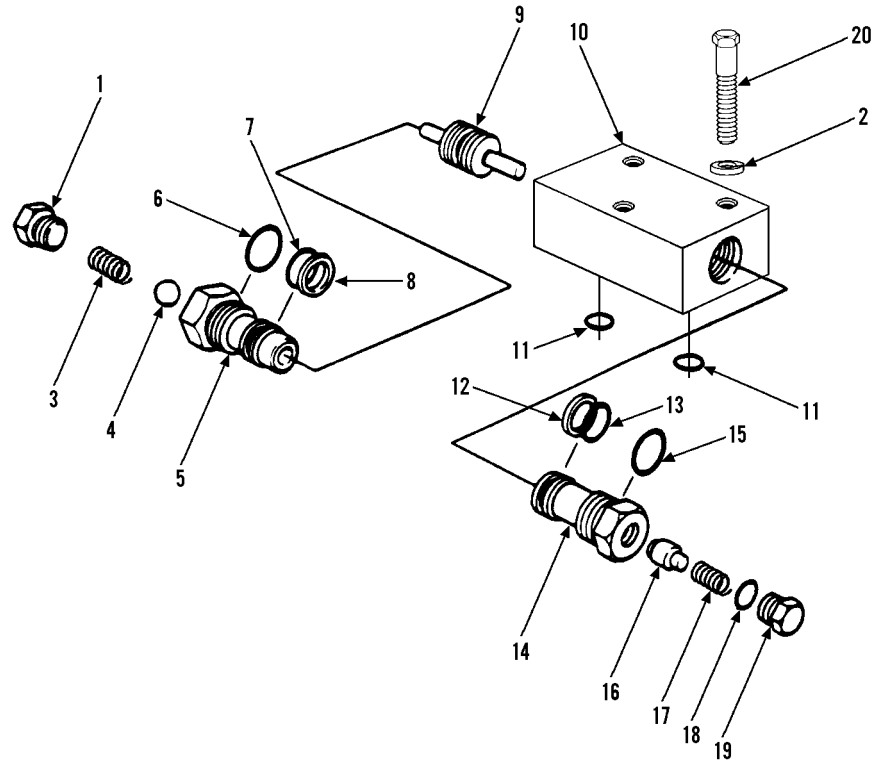
Item	Part No.	Qty.	Description Of Part
	9104-3446	1	3-WAY SOLENOID VALVE(includes all items)
1	9020-8066	1	NUT
2	9114-4158	1	COIL
3	9114-4159	1	CORE ASSY (3-way, 2-position)
4	8093-4035	1	VALVE BODY

NOTE! 9108-3262 DUAL P.O. CHECK VALVE IS USED ON THE FOLLOWING
(9114-3007) FRONT SWAY CYLINDER, PAGE (10-5)
(9108-5058) 48" SLOPE PILER CARRIAGE, PAGE (4-6)
(9130-5016) 66" SLOPE PILER CARRIAGE, PAGE (4-7)

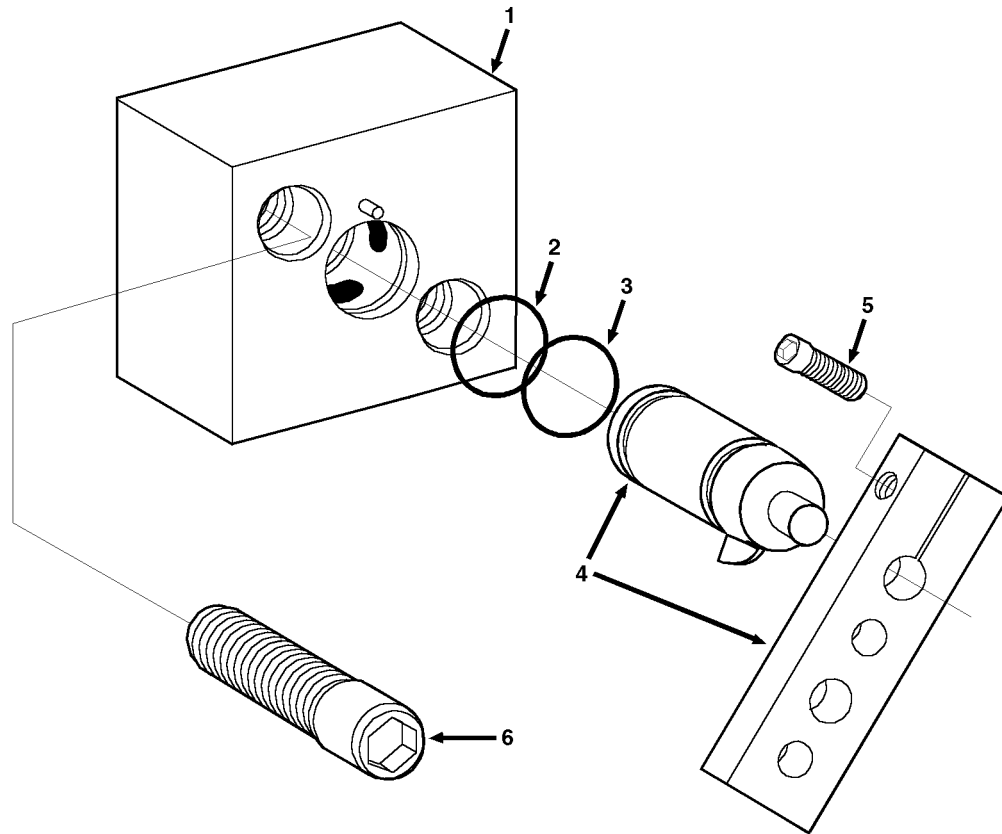


Item	Part No.	Qty.	Description Of Part
	9108-3262	1	DUAL P.O. CHECK VALVE ASSY (also shown on page 13-12)
	9104-4002	Ref	SEAL KIT (includes items 3 and 4)
1		1	BODY
2	7713-3248	2	CHECK VALVE (includes items 3 and 4)
3	9108-4227	2	O-RING
4	9108-4228	2	O-RING
5	8859-1009	2	O-RING
NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			

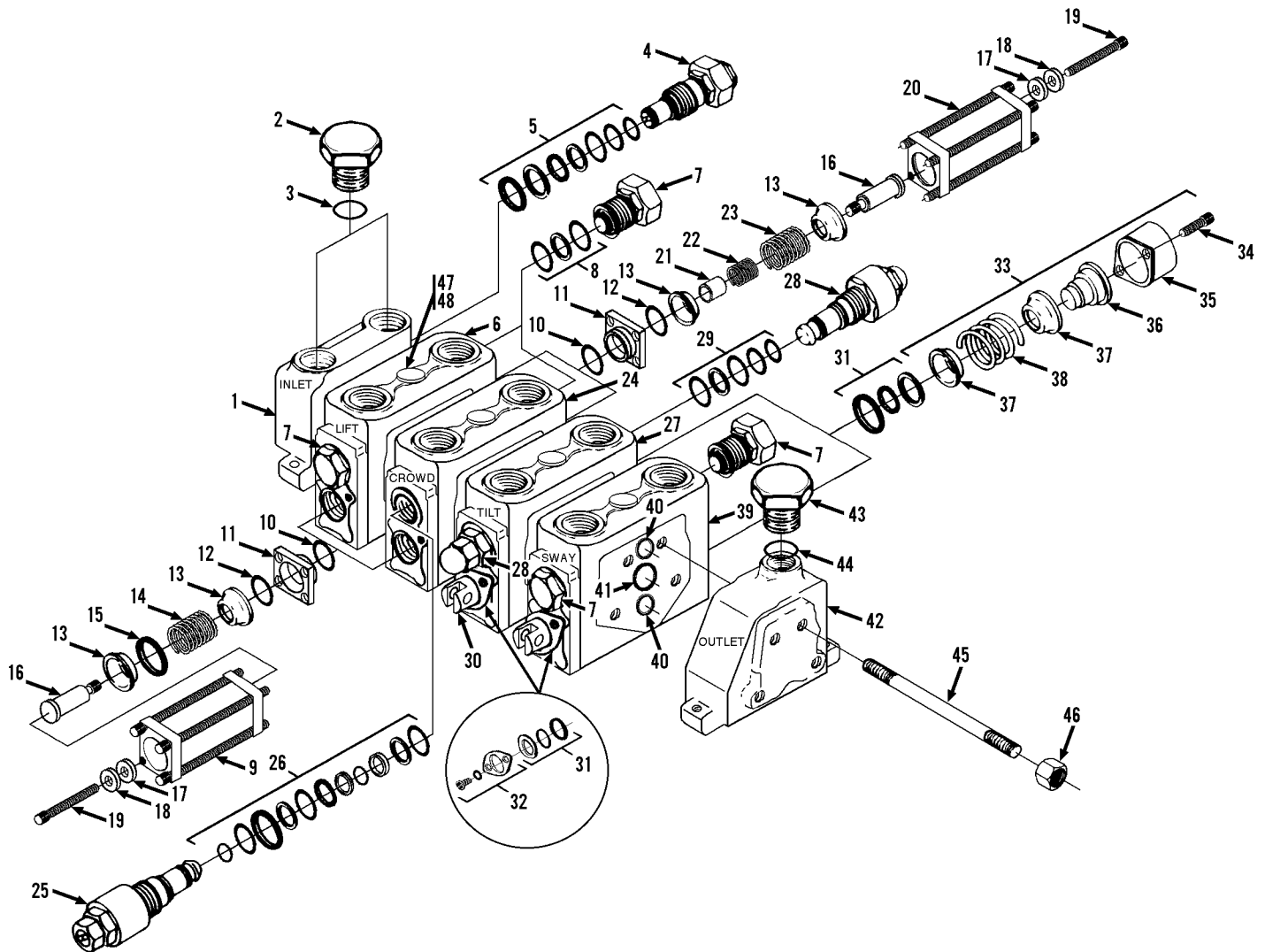
**NOTE! 9104-3258 DUAL P.O. CHECK VALVE IS USED ON THE
 FOLLOWING:
 (9114-3048) OUTRIGGER CYLINDER, PAGE (10-8)**



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9104-3258	2	DUAL P.O. CHECK VALVE ASSY (includes all items except 2, 20)	10	9103-4117	1	BODY
	9104-4304	1	CHECK CARTRIDGE ASSY (includes items 1, 3, 4, 5, 6, 7, & 8)	11	9103-4118	2	O-RING
	9103-4107	1	CHECK CARTRIDGE ASSY W/THERMAL RELIEF (includes items 12 thru 19)	12	9103-4115	1	BACK-UP RING
1	9104-4308	1	PLUG	13	9103-4114	1	O-RING
2	8855-1011	3	LOCKWASHER, 3/8	14	9103-4112	1	CARTRIDGE BODY
3	9104-4309	1	SPRING	15	9103-4113	1	O-RING
4	9103-4111	1	BALL	16	9103-4119	1	THERMAL RELIEF ASSY
5	9103-4112	1	CARTRIDGE BODY	17	9103-4120	1	SPRING
6	9104-4305	1	O-RING	18	9103-4109	1	O-RING
7	9104-4306	1	O-RING	19	9103-4121	1	PLUG
8	9104-4307	1	BACK-UP RING	20	8820-1040	3	HEX HD CAPSCREW, 3/8-16X2-1/4, GR5
9	9103-4116	1	PISTON				NOTE: QUANTITIES SHOWN ARE FOR ONE VALVE ASSY ONLY.



Item	Part No.	Qty.	Description Of Part
1	9114-3140	1	INCHING VALVE (includes all items)
2	8093-4423	1	O-RING
3	8093-4202	1	O-RING
4		1	ACTIVATING LEVER
5		1	SOCKET HD CAPSCREW
6	8821-2228	2	SOCKET HD CAPSCREW
NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			

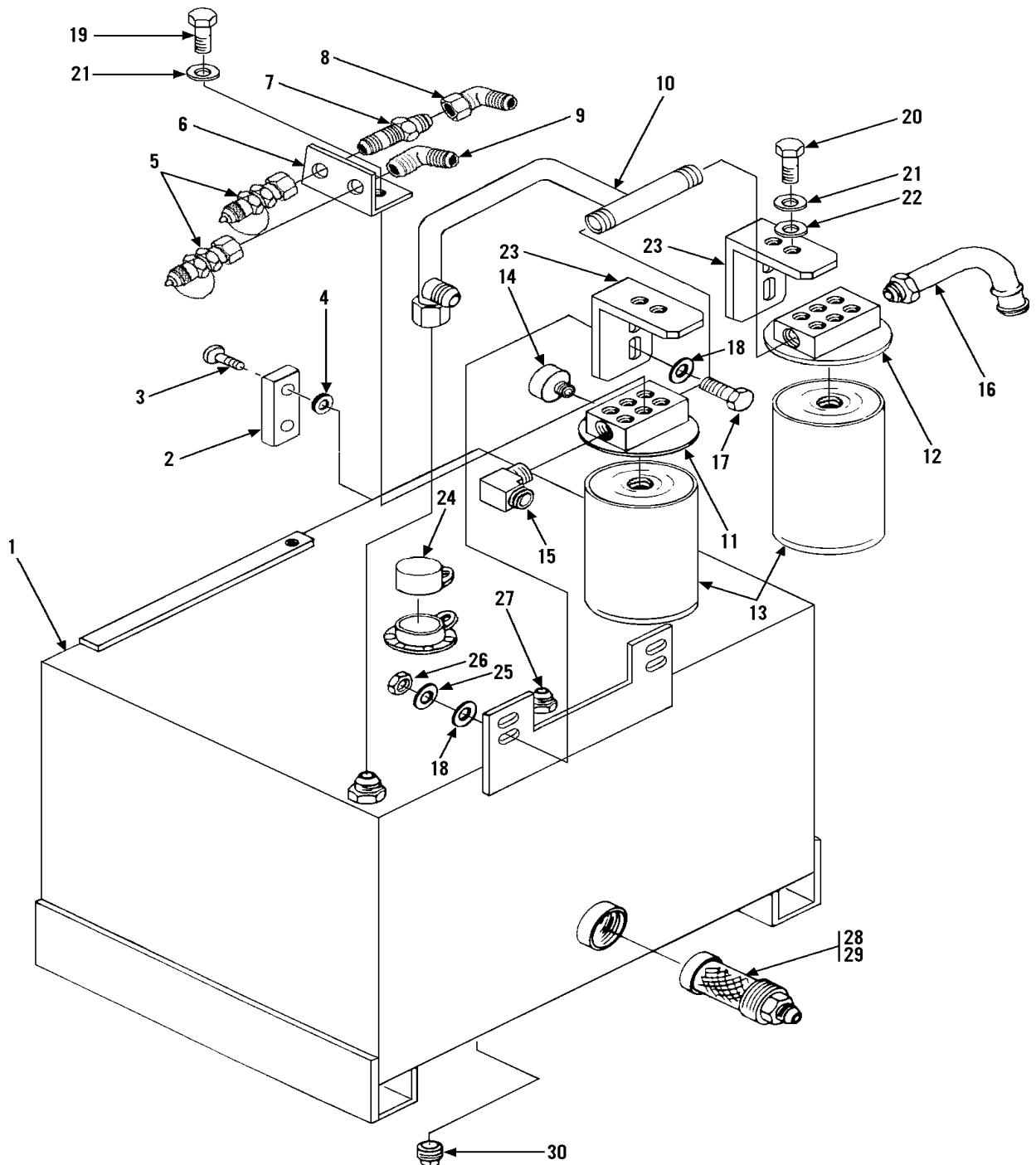


**PARTS NEEDED TO CONVERT TO A
 5-SECTION VALVE W/AUXILIARY
 HYDRAULICS (ref. pg. 13-15)**

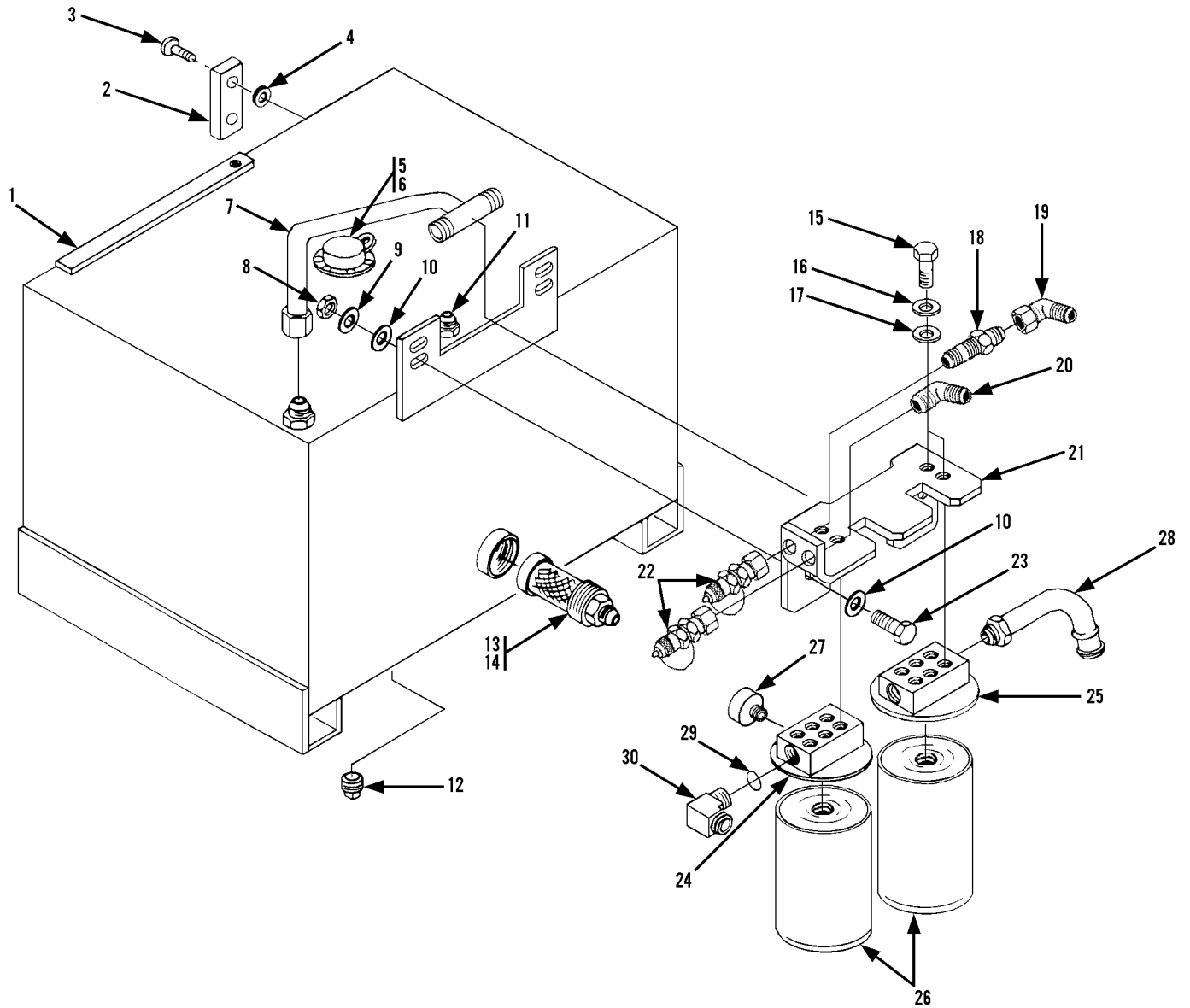
P/N	QTY.	DESCRIPTION
9114-4194	1	AUXILIARY VALVE SECTION
9103-4070	1	STUD KIT
9114-4254	2	SECTION SEAL KIT

PARTS NEEDED TO CONVERT TO A 5-SECTION VALVE W/AUXILIARY HYDRAULLICS (ref. pg. 13-15)		
P/N	QTY.	DESCRIPTION
9114-4194	1	AUXILIARY VALVE SECTION
9103-4070	1	STUD KIT
9114-4254	2	SECTION SEAL KIT

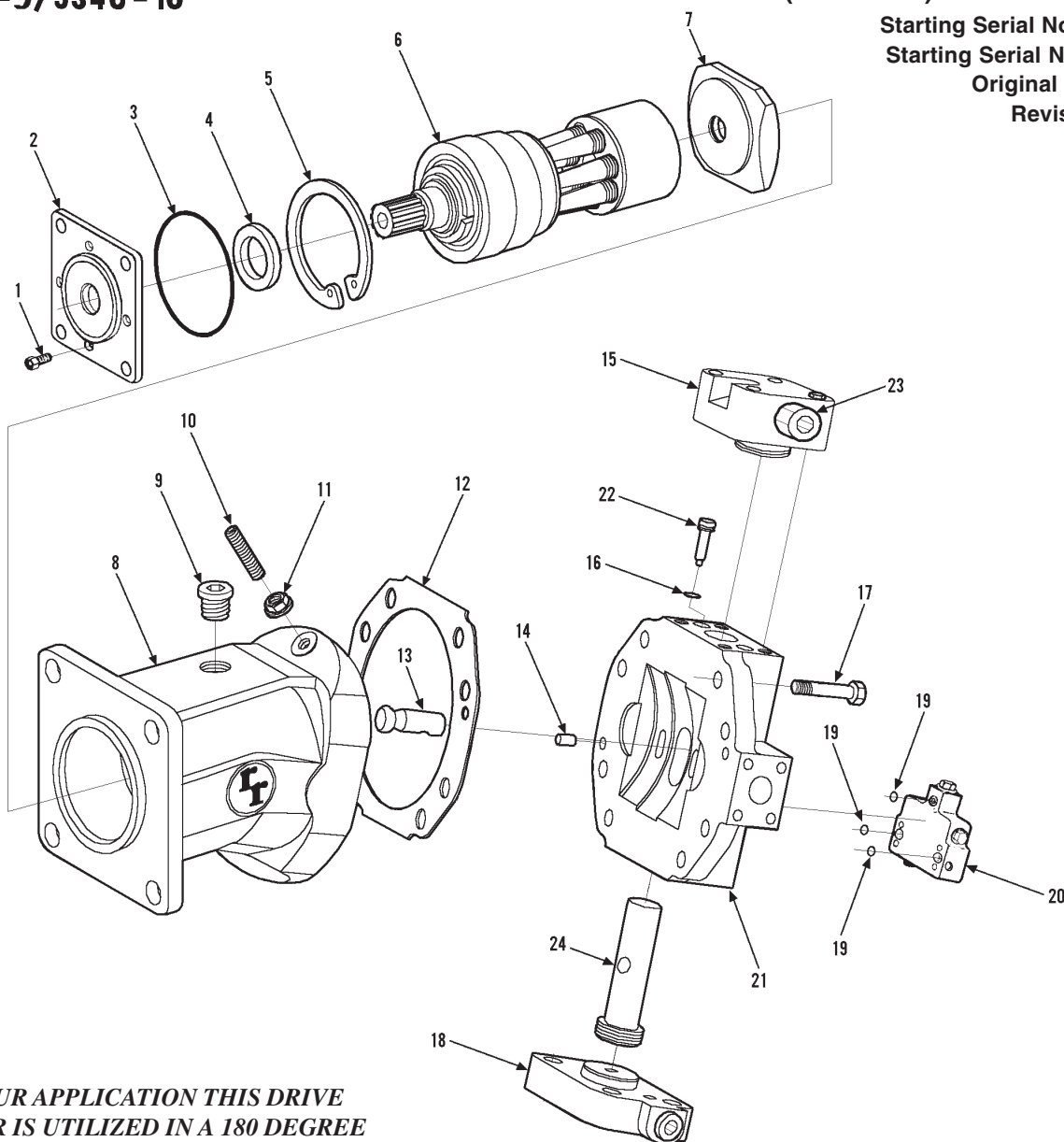
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-3017	1	MAIN CONTROL VALVE ASSY (includes all items)	25	9114-4260	1	RELIEF VALVE - 2700 PSI (includes item 26)
	9103-4105	1	STUD KIT (includes four each of items 45 & 46)	26	9114-4261	1	RELIEF VALVE SERVICE KIT
	9114-4161	1	SEAL KIT (includes ten of item 40 & five of item 41)	27	9114-4166	1	TILT SECTION (includes item 28 plus one of items 30, 32 & 33)
	9114-4254	AR	SECTION SEAL KIT (contains seals needed for servicing items 7, 30 and 47, also includes two of item 40 and one of item 41) (one kit needed per valve section)	28	9114-4252	2	RELIEF VALVE - 3250 PSI (includes item 29, torque to 18-22 ft. lbs.)
1	9114-4162	1	L.E. INLET COVER ASSY (includes items 2 thru 4)	29	9114-4262	2	SEAL KIT
2	9114-4250	2	PLUG (includes item 3)	30		Ref	SPOOL (not sold separately, order valve section)
3		2	O-RING	31	9114-4263	4	SPOOL SEAL KIT (two kits needed per section as required)(lift and crowd sections do not require spool seals)
4	9114-4255	1	MAIN RELIEF VALVE - 3000 PSI (includes item 5)	32	9114-4264	2	SPOOL RETAINER KIT (torque to 54-60 ft.lbs.)
5	9103-4236	1	MAIN RELIEF SEAL KIT	33	9114-4265	2	POSITIONER KIT (includes items 34 thru 38)
6	9114-4164	1	LIFT SECTION (includes two of item 7, plus one of items 9, 20 & 30)	34		2	HEX HD CAPSCREW, 1/4-20x.875
7	9114-4256	5	PLUG ASSY (includes item 8, torque to 18-22 ft.lbs.)	35		1	BONNET
8	9114-4257	5	PLUG SEAL KIT	36		1	SPOOL COLLAR
9	9114-4258	2	HR POSITIONER (includes items 10 thru 19)	37		2	SPRING COLLAR
10		2	O-RING	38		1	SPRING
11		2	SPACER	39	9114-4167	1	SWAY SECTION (includes two of item 7, plus one of items 30, 32 & 33)
12		2	O-RING	40		10	O-RING
13		4	STOP COLLAR	41		5	O-RING
14		1	SPRING	42	9114-4163	1	R.E. OUTLET COVER ASSY (includes item 43)
15		1	SPACER	43	9114-4251	1	PLUG (includes item 44)
16		2	POSITIONER	44		1	O-RING
17		8	BEARING PLATE	45		4	STUD (included in 9103-4105)
18		8	LOCKWASHER	46		4	NUT (torque to 23-27 ft.lbs.) (included in 9103-4105)
19		8	HEX HD CAPSCREW, 1/4-20X3-1/2	47	9114-4266	4	LOAD CHECK PLUG (one per valve section, torque to 16-18 ft.lbs.)
20	9114-4259	2	HR POSITIONER (includes items 10 thru 13, 16 thru 19, & 21 thru 23)	48		4	O-RING (included in section seal kit 9114-4254)
21		1	STOP SLEEVE				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.
22		1	SPRING				
23		1	SPRING				
24	9114-4165	1	CROWD SECTION (includes one of items 7, 20 & 30 plus item 25)				



Item	Part No.	Qty.	Description Of Part
	9114-5129	1	HYDRAULIC RESERVOIR ASSY (includes all items)
1	9114-3133	1	HYDRAULIC OIL TANK (includes item 30)
2	9108-3070	1	FLUID LEVEL GAUGE (includes items 3 & 4)
3		2	SCREW
4		2	WASHER
5	9114-3172	2	MINI CHECK COUPLING
6	9114-1222	1	BRACKET
7	8866-1084	1	BULKHEAD UNION, 9/16-18X3/8 TUBE
8	8866-2105	1	ELBOW, 90 DEGREES (swivel nut)
9	9002-7179	1	BULKHEAD UNION, 90 DEGREES
10	9114-3061	1	TUBE ASSY
11	9114-3135	1	RETURN FILTER (includes one of item 13 and item 14)
12	9114-3160	1	SUCTION FILTER (includes one of item 13)
13	9114-3144	2	FILTER ELEMENT
14	9108-4022	1	COLOR CODED GAUGE
15	9108-3241	1	ELBOW, 90 DEGREES
16	9114-3086	1	ADAPTER, 90 DEGREES
17	8820-1036	4	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5
18	8856-1004	8	WASHER, 3/8
19	8820-1016	2	HEX HD CAPSCREW, 5/16-18X1/2, GR5
20	8820-1020	4	HEX HD CAPSCREW, 5/16-18X1, GR5
21	8856-1005	6	WASHER, 1/2
22	8856-1003	4	WASHER, 5/16
23	9114-1145	2	FILTER SUPPORT
24	9108-3069	1	FILLER BREATHER
25	8855-1011	4	LOCKWASHER, 3/8
26	8850-1006	4	HEX NUT, 3/8-16
27	8866-1013	1	MALE CONNECTOR
28	9114-3178	1	TANK FILTER
29	9114-3179	1	STRAIGHT CONNECTOR
30		1	PLUG
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.



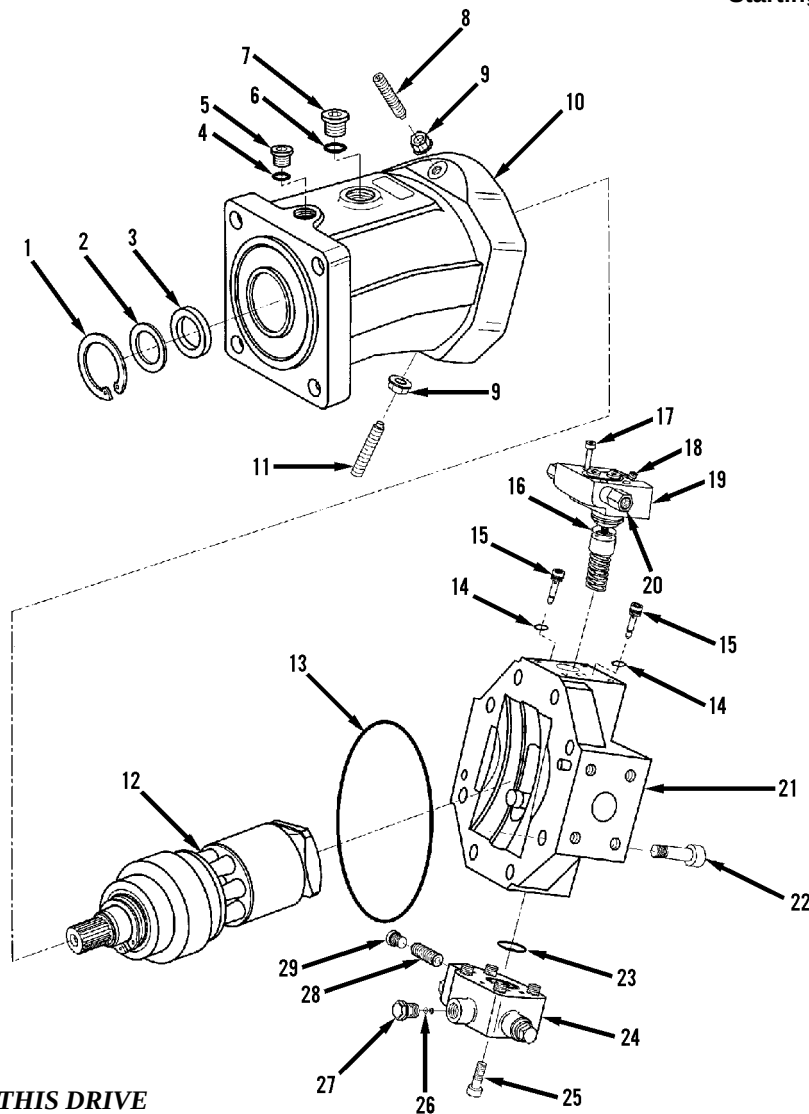
Item	Part No.	Qty.	Description Of Part
	9114-5129	1	HYDRAULIC RESERVOIR ASSY (includes all items)
1	9114-3133	1	HYDRAULIC OIL TANK (includes item 12)
2	9108-3070	1	FLUID LEVEL GAUGE (includes items 3 & 4)
3		2	SCREW
4		2	WASHER
5	9108-3069	1	FILLER BREATHER
6	8832-1039	6	SELF TAP SCREW, #10-32X1/2
7	9116-3141	1	TUBE ASSY
8	8850-1006	4	HEX NUT, 3/8-16
9	8855-1011	4	LOCKWASHER, 3/8
10	8856-1004	8	WASHER, 3/8
11	8866-1013	1	MALE CONNECTOR
12		1	PLUG
13	9114-3178	1	TANK FILTER
14	9114-3179	1	STRAIGHT CONNECTOR
15	8820-1020	4	HEX HD CAPSCREW, 5/16-18X1, GR5
16	8856-1005	2	WASHER, 1/2
17	8856-1003	4	WASHER, 5/16
18	8866-1084	1	BULKHEAD UNION, 9/16-18X3/8 TUBE
19	8866-2105	1	ELBOW, 90 DEGREES (swivel nut)
20	9002-7179	1	BULKHEAD UNION, 90 DEGREES
21	9116-1210	1	FILTER SUPPORT
22	9114-3172	2	MINI CHECK COUPLING (includes o-ring)
	8859-1210	2	O-RING
23	8820-1036	4	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5
24	9114-3218	1	RETURN FILTER (includes one of item 26 and item 27)
25	9108-3518	1	SUCTION FILTER (includes one of item 26)
26	9114-3144	2	FILTER ELEMENT
27	9108-4022	1	COLOR CODED GAUGE
28	8067-3009	1	ADAPTER, 90 DEGREES
29	8859-1210	1	O-RING
30	8866-2070	1	ELBOW, 90 DEGREES (includes item 29)
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.



FOR OUR APPLICATION THIS DRIVE MOTOR IS UTILIZED IN A 180 DEGREE INVERSION.

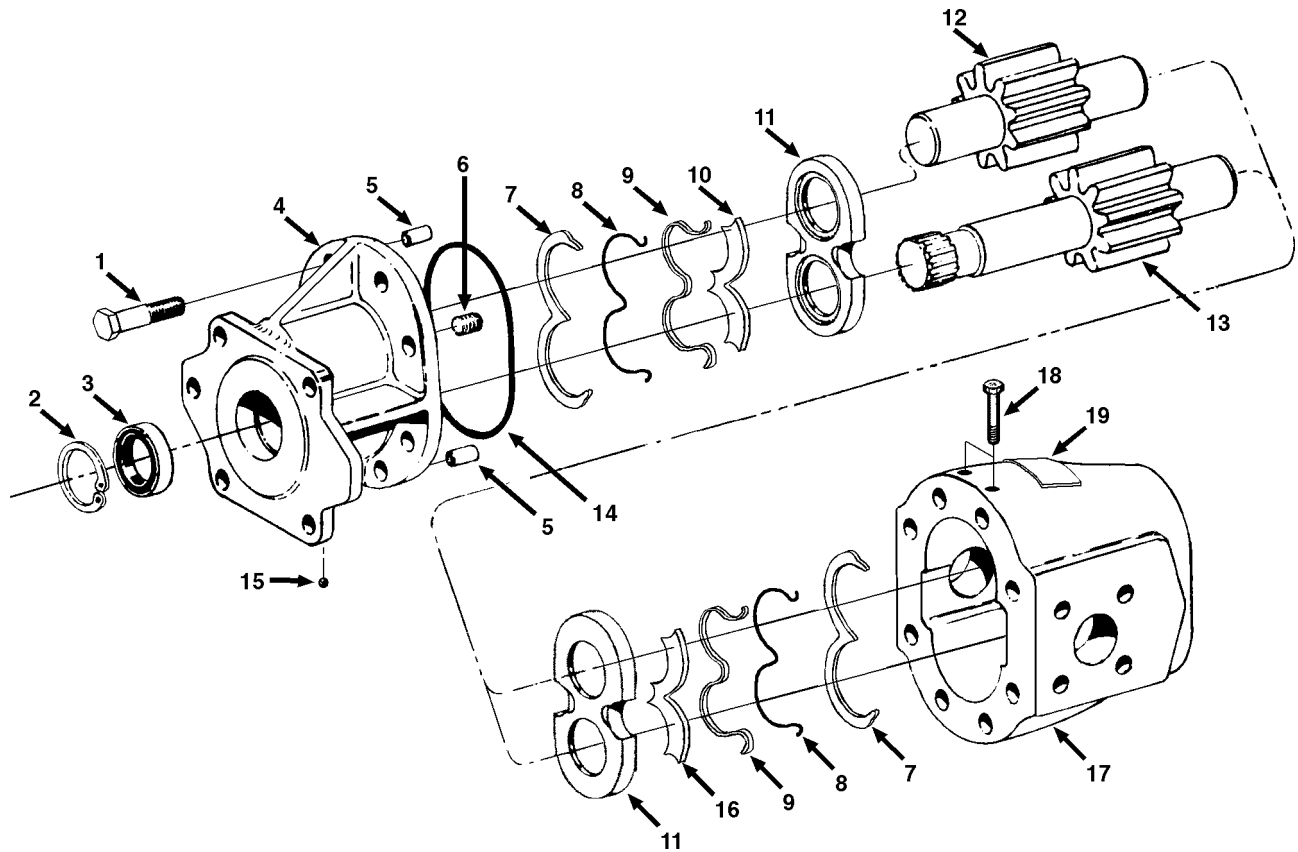
Item	Part No.	Qty.	Description Of Part
	9114-3180	1	FRONT DRIVE MOTOR ASSY (includes all items)
	9114-4149	1	PUMP HOUSING ASSY (includes items 1 thru 11)
	8392-4123	1	SHUTTLE ORIFICE KIT (not shown, included in item 18)
	9114-4152	AR	SEAL KIT (includes items 3, 4, 11, 12, 16 and 19)
1		4	CAPSCREW
2		1	FRONT COVER
3		1	O-RING
4		1	SHAFT SEAL
5		1	SNAP RING
6	9114-4150	1	ROTARY GROUP (includes item 7)
7		1	CONTROL LENS
8		1	HOUSING
9		1	PLUG
10		1	STOP SCREW

Item	Part No.	Qty.	Description Of Part
11		1	SEAL NUT
12		1	GASKET
13		1	SWIVEL TRUNNION
14		1	DOWEL PIN
15	9114-4153	1	CONTROL ASSY
16		3	O-RING
17		8	CAPSCREW
18	9114-4157	1	STROKING PISTON COVER
19		3	O-RING
20	9109-4020	1	FLUSHING VALVE
21	9114-4151	1	PORTING BLOCK ASSY
22	8392-4135	2	CHECK VALVE KIT
23	9114-4248	2	FITTING
*24	9114-4481	1	STROKING PISTON
NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			

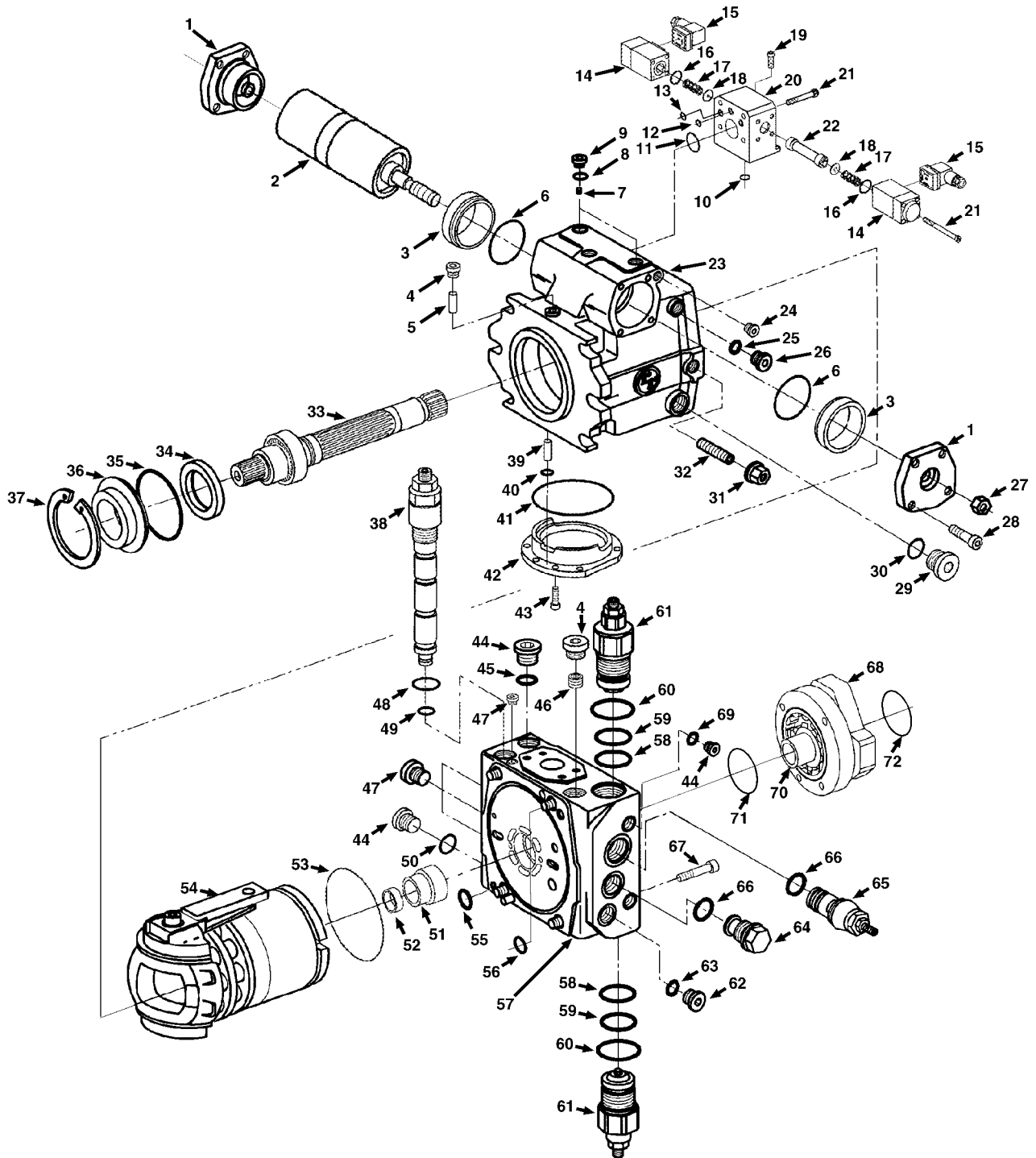


FOR OUR APPLICATION THIS DRIVE MOTOR IS UTILIZED IN A 180 DEGREE INVERSION.

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9116-3044	1	FRONT DRIVE MOTOR ASSY (includes all items)	17	8093-4080	4	CAPSCREW
	9109-4025	AR	SEAL KIT (includes items 3,4, 6, 9, 13, 14, 16, 18, 23)	18		1	SEAL NUT
1	9109-4026	1	SNAP RING	19	9109-4033	1	DA1 CONTROL KIT (includes items 16, 17, 18 & 20)
2	9109-4027	1	SHIM	20	9114-4248	2	FITTING
3		1	SHAFT SEAL	21	9109-4034	1	REAR COVER ASSY (includes item 22)
4		1	O-RING	22	9109-4035	8	CAPSCREW, M16X45
5	9109-4028	1	PLUG (includes item 5)	23		1	O-RING
6		1	O-RING	24	9116-4017	1	FLUSHING VALVE ASSY (includes items 23, 25, 26, 27 & 29)
7	9109-4029	1	PLUG (includes item 6)	25	9109-4037	4	CAPSCREW, M8X50
8	8091-4241	1	STOP SCREW, M12X90	26	9109-4038	1	FLUSHING ORIFICE
9		2	SEAL NUT	27	9109-4039	1	PLUG
10	9109-4030	1	HOUSING	28	8392-4123	1	SWIVEL TIME ORIFICE
11	9109-4031	1	STOP SCREW, M12X80	29	9109-4040	2	PLUG
12	9109-4032	1	ROTARY GROUP				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.
13		1	O-RING				
14		6	O-RING				
15	8091-4235	2	CHECK VALVE KIT (includes o-rings)				
16		1	O-RING				

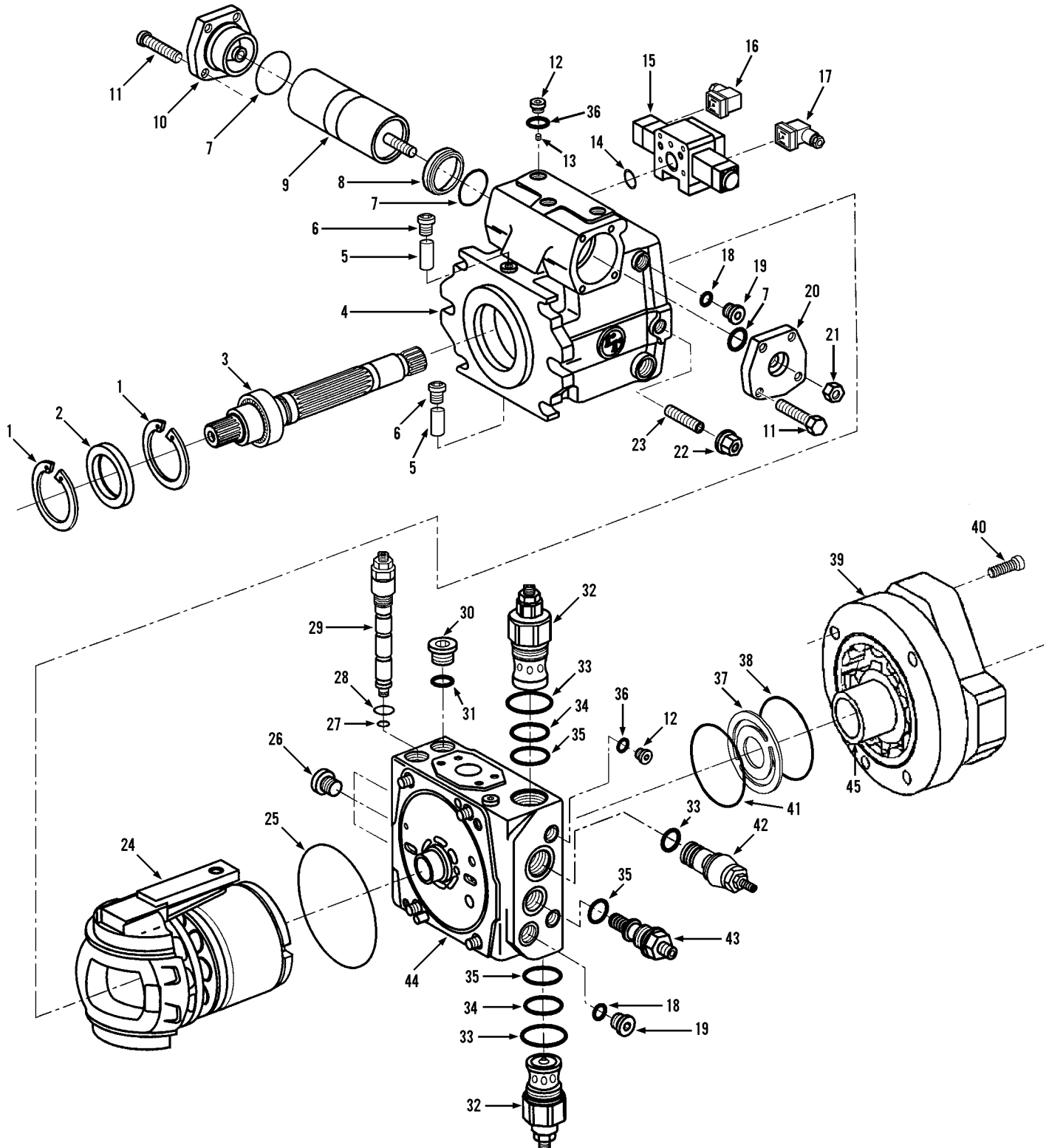


Item	Part No.	Qty.	Description Of Part
	9114-3050	1	MAIN HYDRAULIC PUMP ASSY (includes all items)
	9101-4058	AR	SHAFT SEAL KIT (includes items 2, 3 and 14)
	9114-4174	AR	SEAL KIT (includes items 2, 3, 7, 8, 9 and 14)
1	9106-4021	8	CAPSCREW
2	9020-2372	1	SNAP RING
3	9020-5716	1	SHAFT SEAL
4	9114-4169	1	FLANGE
5	9020-2376	2	DOWEL
6	9114-4171	1	PIPE PLUG
7	9020-2405	2	RING RETAINER
8	9020-2403	2	O-RING
9	9020-2404	2	BACKUP RING
10	9020-2406	1	ISOLATION PLATE, (UPPER)
11	9020-2399	2	PRESSURE PLATE
12	9104-4216	1	IDLER GEAR
13	9114-4170	1	DRIVE GEAR
14	9020-2379	1	O-RING
15	9020-2435	1	BALL
16	9020-2407	1	ISOLATION PLATE (LOWER)
17	9114-4168	1	BODY
18	9114-4172	2	DRIVE SCREW
19	9114-4173	1	LABEL

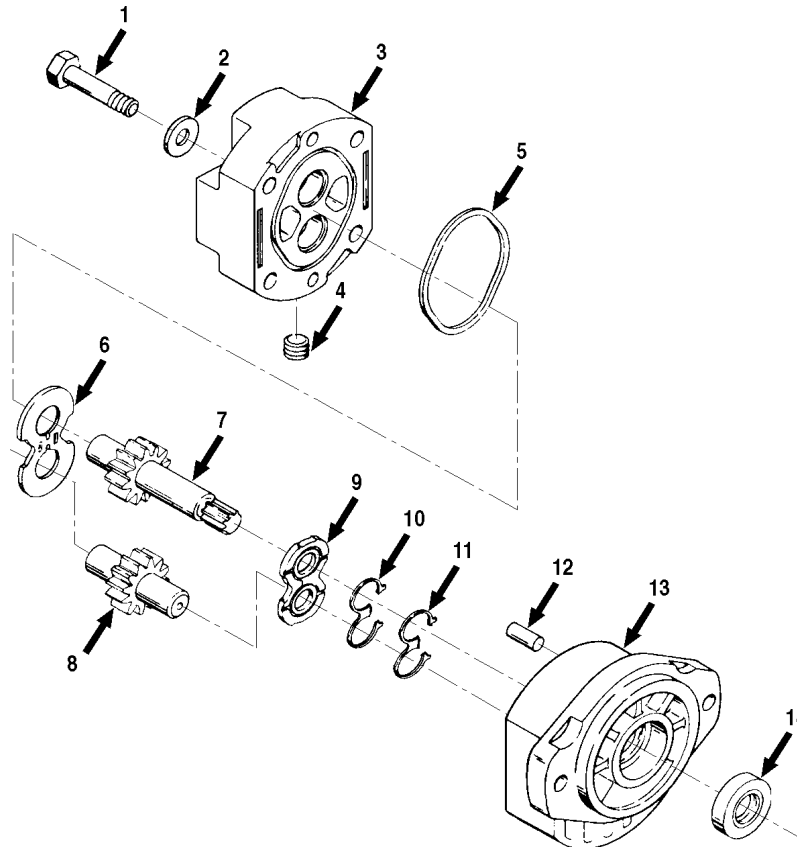


* Added part number to item 14, changed part numbers on items 34 & 47, removed part number from item 54.

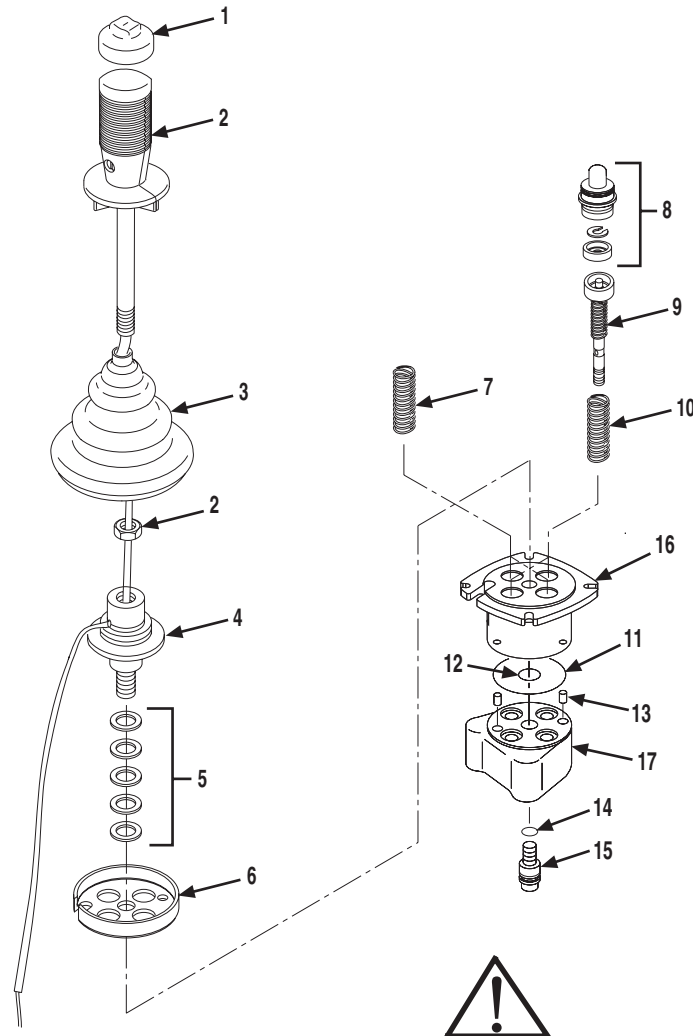
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-3005	1	HYDROSTATIC TRANSMISSION	*34	9114-4268	1	SHAFT SEAL
			PUMP ASSY(includes all items)	35		1	O-RING
	9108-4132	1	SEAL KIT(includes items 6, 8, 10,	36	9114-4096	1	FRONT COVER
			11, 12, 13, 16, 25, 30, 31, 40, 41, 45,	37	9114-4097	1	RETAINING RING
			48, 49, 50, 53, 55, 56, 58, 59, 60, 63,	38		1	P.O.R. ASSY
			66 and 69)	39		1	PIN
	9114-4086	1	HOUSING ASSY(includes items 3	40		1	QUAD RING
			thru 9, 23 thru 26, 29 thru 32, 39 thru	41		1	O-RING
			43)	42		1	ACCESS COVER
1		1	STROKING PISTON COVER	43		8	CAPSCREW
2	9114-4087	1	STROKING PISTON ASSY	44	8093-4084	3	PLUG
3		1	BUSHING	45		1	O-RING
4	8093-4091	2	PLUG	46		1	ORIFICE
5		1	PIN	*47	8093-4082	10	PLUG
6		2	O-RING	48		1	O-RING
7	9114-4093	2	STROKING ORIFICE	49		1	O-RING
8		3	O-RING	50		1	O-RING
9		3	PLUG	51		1	BUSHING SUPPORT
10		3	O-RING	52		1	BUSHING
11		1	O-RING	53		1	O-RING
12		1	O-RING	*54		1	ROTARY GROUP ASSY
13		3	O-RING	56		1	QUAD RING
*14	9108-4316	2	SOLENOID	57	9114-4088	1	PORT BLOCK ASSY(includes items
15	9108-4038	1	CONNECTOR, BLACK				4, 44, 45, 46, 47, 50, 55, 56, 62, 63
	9108-4039	1	CONNECTOR, GREY				and 69)
16		2	O-RING	58		1	O-RING
17		2	SPRING	59		1	BACKUP RING
18		2	SPRING COLLAR	60		1	O-RING
19		2	CAPSCREW	61	9108-4032	2	RELIEF VALVE
20	9114-4089	1	DA CONTROL ASSY(17 thru 28)	62	8093-4082	1	PLUG
21		12	CAPSCREW	63		1	O-RING
22		1	SPOOL	64	9114-4098	1	CHARGE PRESSURE RELIEF
23		1	HOUSING				VALVE
24		2	PLUG	65	9114-4099	1	DA CARTRIDGE ASSY
25		1	O-RING	66		1	O-RING
26		1	PLUG	67		4	CAPSCREW
27	9114-4094	1	JAM NUT	68	9114-4092	1	THRU DRIVE CHARGE PUMP
28		4	CAPSCREW	69		1	O-RING
29	8093-4340	1	PLUG	70	9114-4410	1	REAR BUSHING
30		1	O-RING	71	9114-4411	2	O-RING
31		1	SEAL NUT	72	9114-4412	1	O-RING
32	9114-4095	1	ECCENTRIC SCREW				
33	9114-4085	1	SHAFT ASSY				NOTE: ONLY ITEMS WITH PART
							NUMBERS ARE AVAILABLE
							FOR SERVICE.



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9116-3048	1	HYDROSTATIC TRANSMISSION	23	9114-4095	1	ECCENTRIC SCREW
			PUMP (includes all items)	24	9108-4326	1	ROTARY GROUP ASSY
	9108-4317	AR	SEAL KIT (includes items 2, 6, 7, 14, 15, 22, 25, 27, 28, 31, 32, 33, 34, 35, 36, 38, 41 plus additional items not illustrated)	25		1	O-RING
1	8093-4052	2	SNAP RING	26	9108-4327	3	PLUG
2		1	SHAFT SEAL	27		1	O-RING
3	9114-4413	1	SHAFT ASSY	28		1	O-RING
4	9108-4319	1	HOUSING ASSY	29	9108-4328	1	POR ASSY (includes items 27 & 28)
5	9108-4320	2	PIN	30	8093-4340	1	PLUG (includes item 31)
6		4	PLUG	31		1	O-RING
7		4	O-RING	32	9108-4032	2	RELIEF VALVE (includes one each of items 33 thru 35)
8	9108-4321	2	BUSHING	33		3	O-RING
9	9108-4322	1	STROKING PISTON ASSY	34		2	O-RING
10	9108-4323	1	STROKING PISTON COVER KIT (includes items 7 & 11)	35		3	O-RING
11	8093-4077	8	CAPSCREW, M8X20	36		5	O-RING
12	8093-4084	5	PLUG (includes item 36)	37	9108-4329	1	WEAR PLATE
13	9114-4093	2	STROKING ORIFICE	38	9114-4412	1	O-RING
14		1	O-RING	39	9116-4098	1	THRU CHARGE PUMP ASSY (includes items 37, 38, 40 & 41)
*15	9108-4316	1	SOLENOID	40	9108-4331	4	CAPSCREW, M12X35
16	9108-4038	1	HERSHMAN CONNECTOR (black)	41	9114-4411	1	O-RING
17	9108-4039	1	HERSHMAN CONNECTOR (gray)	42	9114-4099	1	DA CARTRIDGE ASSY
18		2	O-RING	43	9114-4098	1	CHARGE PRESSURE RELIEF VALVE (includes item 35)
19	8093-4082	2	PLUG (includes item 18)	44	9108-4332	1	PORT BLOCK ASSY (includes items 25, 26, 27, 28 & 29)
20	9108-4325	1	STROKING PISTON COVER KIT (includes items 7 & 11)	45	9114-4410	1	REAR BUSHING
21	9114-4094	1	JAM NUT				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.
22		1	SEAL NUT				



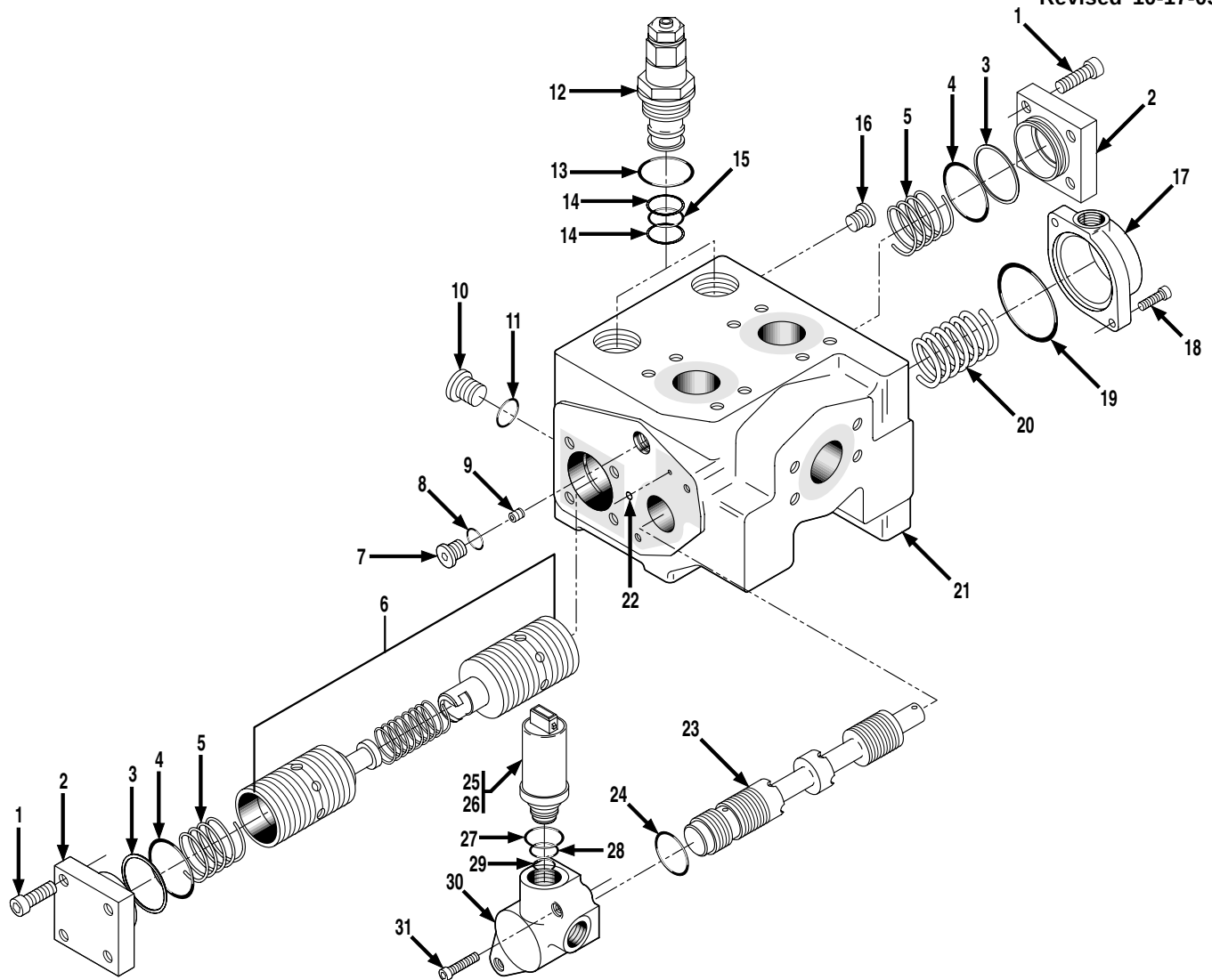
Item	Part No.	Qty.	Description Of Part
	9114-3173	1	PUMP ASSY (includes all items)
	9104-4441	AR	SEAL KIT (includes items 5, 6, 9, 10, 11 and 14)
1	8093-4357	4	HEX HD CAP SCREW
2	9108-4136	4	WASHER
3	9104-4355	1	COVER, REAR PORT
4	9114-4199	1	PIPE PLUG
5		1	GASKET SEAL
6		1	THRUST PLATE
7	9114-4201	1	DRIVE GEAR
8	9114-4200	1	IDLER GEAR
9		1	WEAR PLATE
10		1	SPACER
11		1	PRESSURE LOADING SEAL
12	9103-4062	2	DOWEL PIN
13	9114-4202	1	BODY
14		1	SHAFT SEAL
NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			



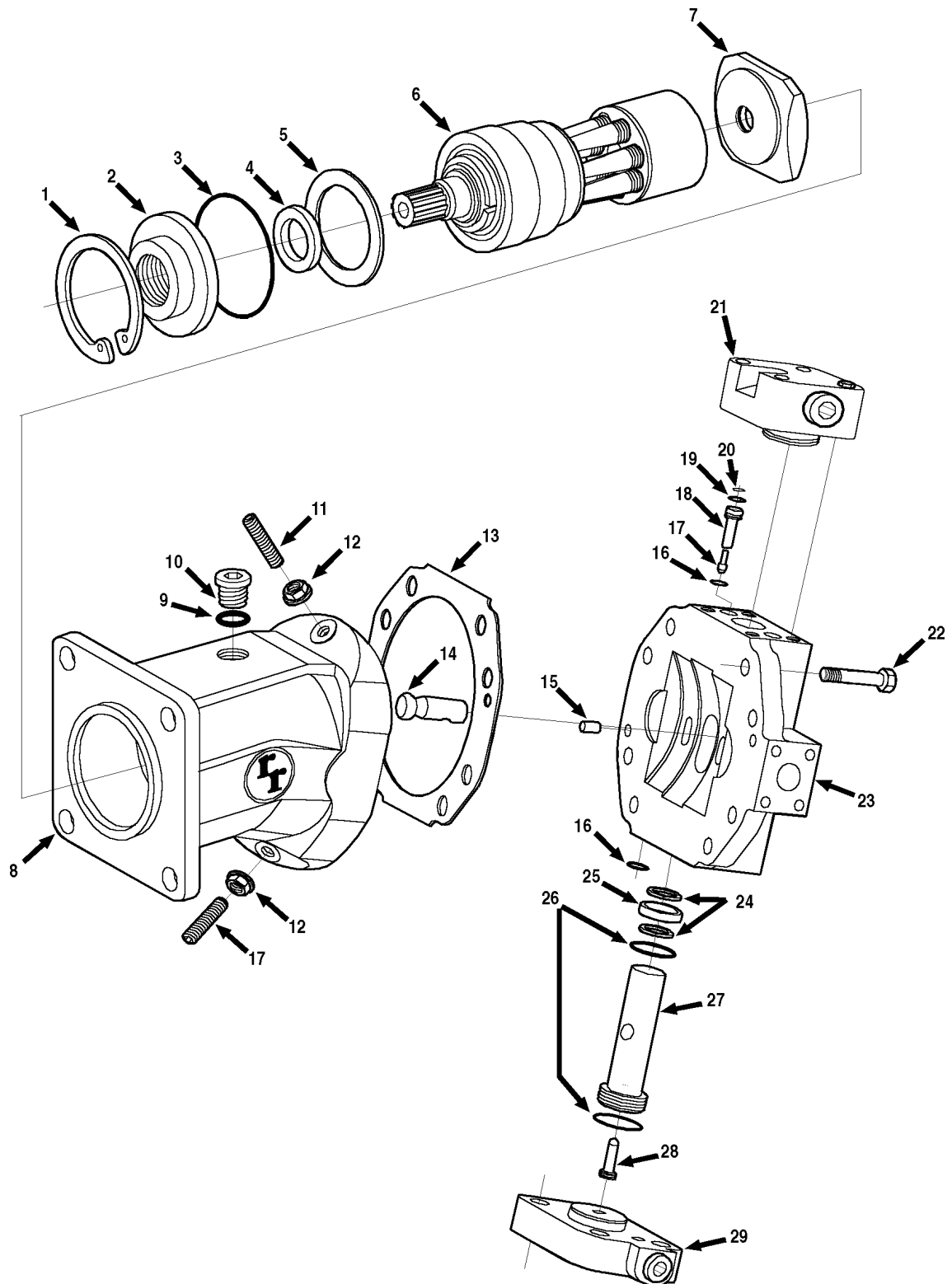
NOTE: THE BOSCH REXROTH CORPORATION JOYSTICK HANDLE SWITCH IS NOT A FIELD SERVICEABLE COMPONENT. ANY ATTEMPT BY NON-FACTORY AUTHORIZED PERSONNEL TO REPAIR OR REPLACE THE SWITCH WILL VOID THE WARRANTY AND CAN RESULT IN A JOYSTICK MALFUNCTION.

Item	Part No.	Qty.	Description Of Part
	9130-3037	1	JOYSTICK ASSY, (includes all items)
	9140-4326	1	SEAL KIT, (includes items 11 thru 15)
1	8093-4658	1	CAP
2	8093-4656	1	HANDLE GRIP KIT
3	8093-4241	1	BOOT
4	8026-4140	1	CARDAN KIT, (includes item 5)
5		AR	SHIM
6	9130-4026	1	RETAINING PLATE
* 7	9150-4029	1	STANDARD SPRING, (pack of two), (ports 2 & 4)
8	8093-4498	4	PLUNGER & GUIDE KIT
9	9140-4327	4	REGULATING KIT
10	9150-4028	1	HEAVY SPRING, (pack of two), (ports 1 & 3)

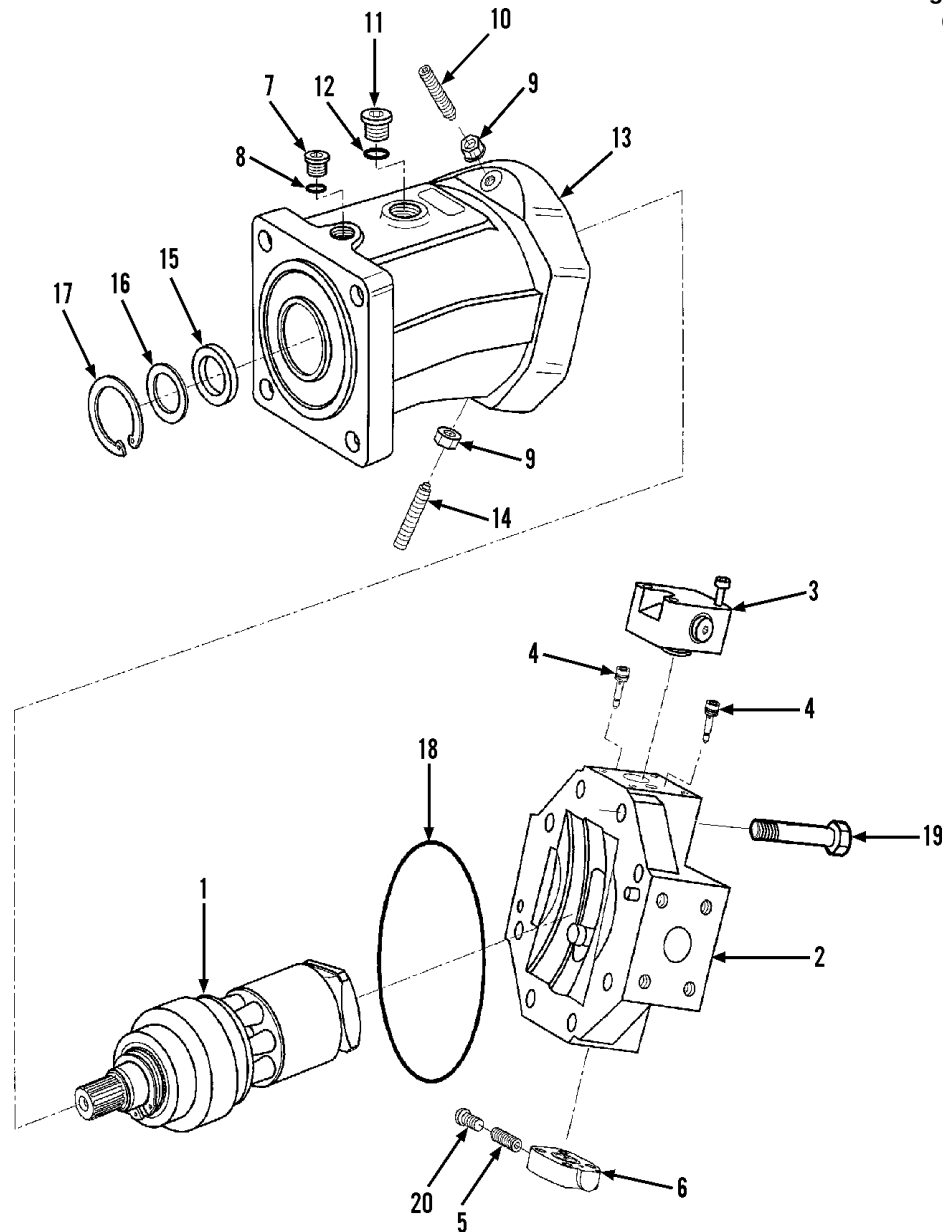
Item	Part No.	Qty.	Description Of Part
11		1	O-RING
12		1	O-RING
13		2	PIN
14		1	O-RING
15		1	SCREW
16		1	UPPER BODY
17		1	LOWER BODY
NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-3049	1	TRACTION LOCK VALVE, (includes all items)	15	8381-4054	2	O-RING
	9108-4284	Ref	SEAL KIT, (includes items 3, 4, 8, 11, 13, thru 16, 19, 22, 24, 27, 28, 29)	16	9108-4363	1	PLUG
1	9108-4285	8	HEX HD CAPSCREW, M10X30	17	9114-4475	1	COVER
2	9108-4286	2	COVER	18	9108-4291	2	HEX HD CAPSCREW, M6X16
3	9108-4287	2	BACK-UP RING	19	9108-4293	1	O-RING
4	9108-4288	2	O-RING	20	9108-4294	1	SPRING
5	9108-4289	2	SPRING	21		1	VALVE BODY, (not sold separately, order P/N 9114-3049)
6		1	SPOOL, (not sold separately, order P/N 9114-3049)	22	9108-4303	1	O-RING
7	9108-4298	1	PLUG, (includes item 8)	23		1	SPOOL, (not sold separately, order P/N 9114-3049)
8	9114-4011	1	O-RING	24	9108-4300	1	O-RING
9	9108-4299	1	ORIFICE	25	9108-4302	1	SOLENOID VALVE, (include items 27, 28 & 29)
10	9108-4290	2	PLUG, (includes item 11)	26	9114-4015	1	CONNECTOR
11	9114-4009	2	O-RING	27	9114-4012	1	O-RING
12	9108-4362	2	RELIEF VALVE CARTRIDGE, (set at 6800 PSI), (includes items 13, 14 & 15)	28	9114-4013	1	O-RING
13	8381-4056	2	O-RING	29	9114-4014	1	O-RING
14	9114-4010	4	BACK-UP RING	30	9114-4474	1	COVER
				31	8093-4205	2	HEX HD CAPSCREW, M6X30

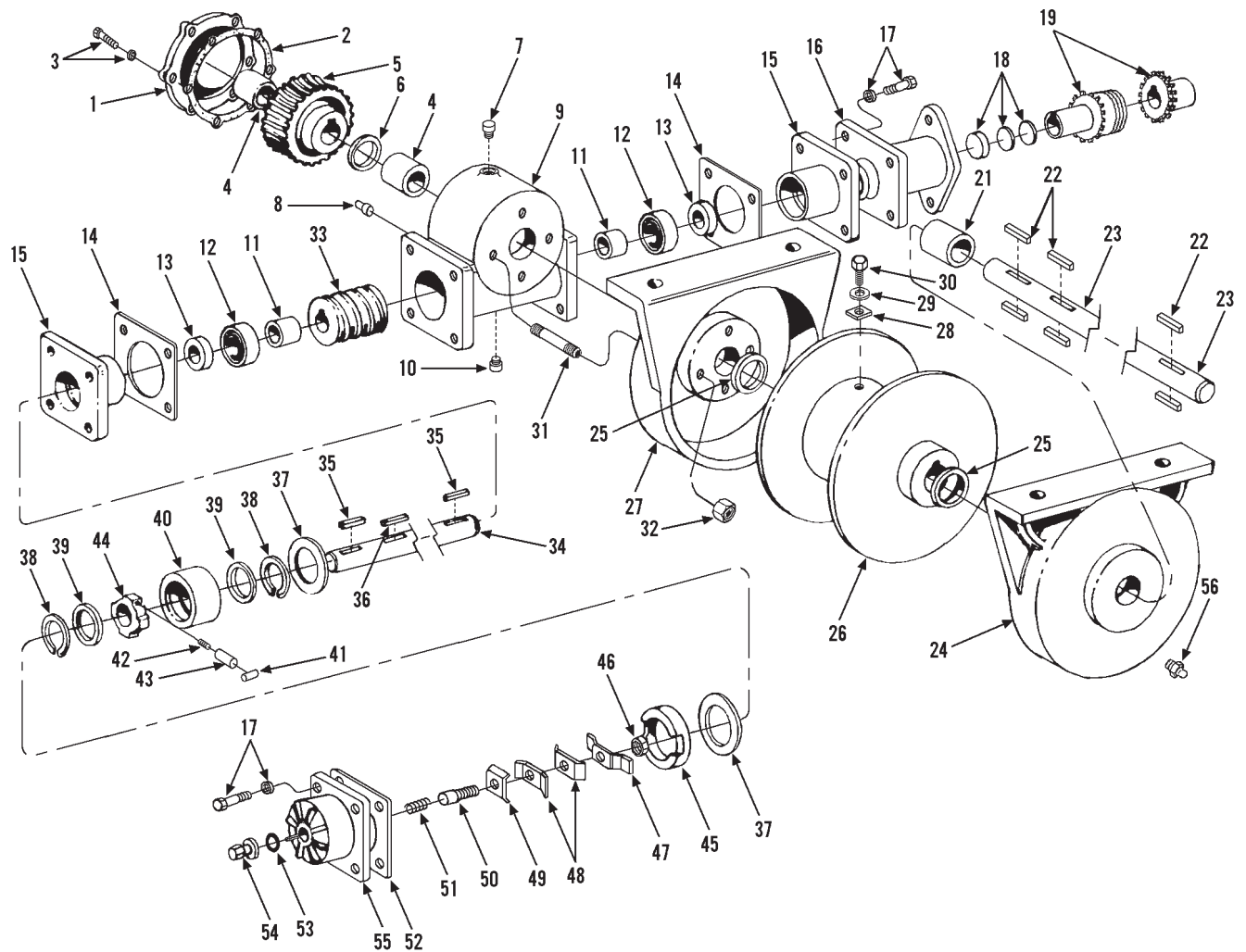


Item	Part No.	Qty.	Description Of Part
	9114-3006	1	REAR DRIVE MOTOR (includes all items)
	9114-4101	1	REAR COVER ASSY (includes items 14, 15, 16 and 22 thru 28)
	9114-4103	1	CHECK VALVE KIT (includes items 16 thru 20)
	9108-4195	1	SEAL KIT (includes items 3, 4, 12, 13, 16, 19, 20 and 25)
1	9114-4105	1	SNAP RING
2	9114-4106	1	FRONT COVER
3		1	O-RING
* 4	9108-4196	1	SHAFT SEAL
5	9114-4107	AR	SHIM (0.4)
	9114-4108		(0.3)
	9114-4109		(0.5)
6	9114-4100	1	ROTARY GROUP
7	9114-4110	1	CONTROL LENS
8	9114-4111	1	HOUSING
9		1	O-RING
10	8093-4082	1	PLUG
11	8392-4121	2	DISP. SCREW
12	8093-4314	2	SEAL NUT
13		1	GASKET
14		1	SWIVEL TRUNNION
15		2	DOWEL PIN
16		3	O-RING
17	9114-4113	2	POPPET
18	9114-4114	2	CHECK VALVE HOUSING
19		2	O-RING
20		2	O-RING
21	9114-4102	1	HZ CONTROL KIT
22		8	CAPSCREW (torque to 38 ft.lbs.)
23		1	HOUSING
24		2	BACKUP RING
25		1	VARISEAL RING
26		2	O-RING
27		1	STROKING PISTON
28		1	THREADED PIN
29	9114-4104	1	STROKING PISTON COVER
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.



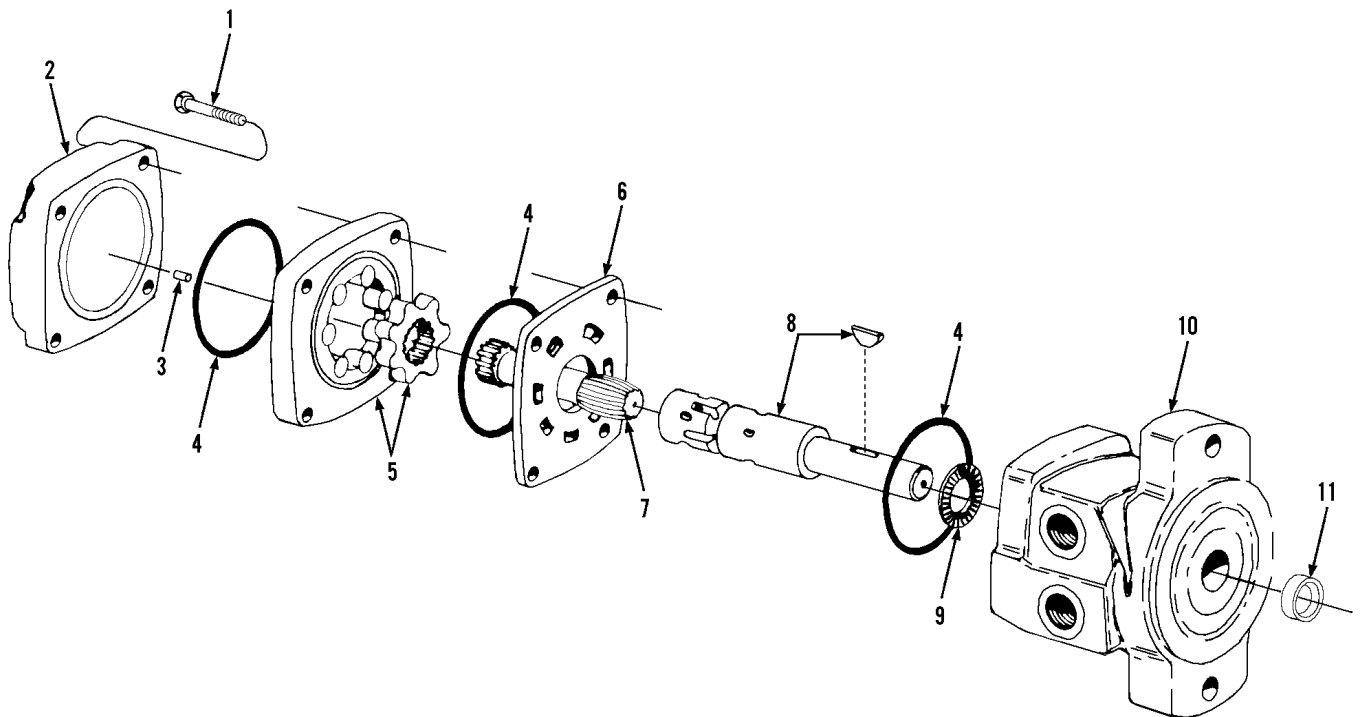
Item	Part No.	Qty.	Description Of Part
	9116-3023	Ref	REAR DRIVE MOTOR ASSY (includes all items)
	9114-4414	AR	SEAL KIT (includes items 8, 9, 12, 15, 18, plus items not illustrated)
1	9114-4415	1	ROTARY GROUP
2	9114-4416	1	REAR COVER ASSY (includes item 19)
3	9114-4417	1	HZ CONTROL KIT
4	9114-4418	2	CHECK VALVE KIT (includes o-rings)
5	9114-4419	1	SWIVEL TIME ORIFICE
6	9114-4420	1	STROKING PISTON ASSY (includes item 20)
7	9109-4028	1	PLUG (includes item 8)
8		1	O-RING
9		2	SEAL NUT, M10

Item	Part No.	Qty.	Description Of Part
10	8392-4121	1	STOP SCREW (min. disp.)
11	9109-4029	1	PLUG (includes item 12)
12		1	O-RING
13	9114-4421	1	HOUSING
14	8392-4121	1	STOP SCREW (max. disp.)
15		1	SHAFT SEAL
16	9114-4422	1	SHIM
17	9114-4423	1	SNAP RING
18		1	O-RING
19	9114-4424	8	CAPSCREW, M10X60
20	9114-4425	1	PLUG (includes o-ring)
NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			

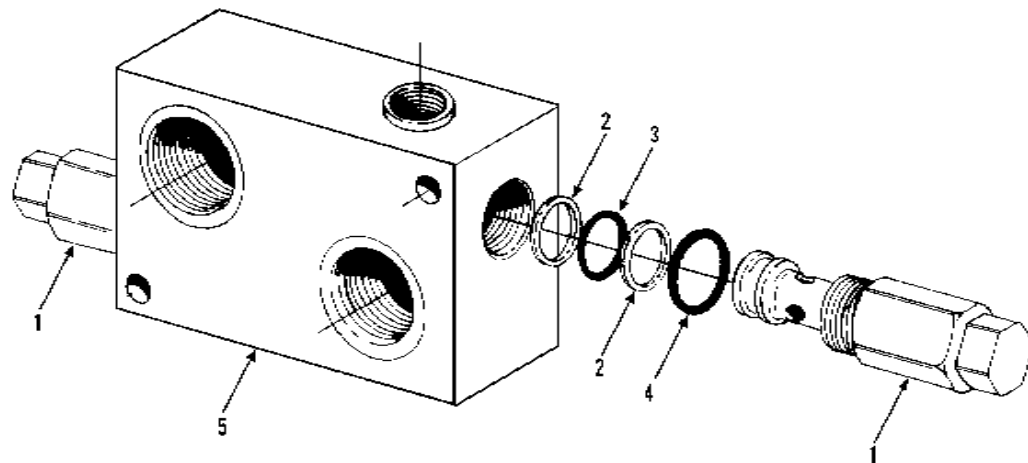


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
*	9045-3050	1	TRUSS BOOM WINCH W/MOTOR, (includes all items on this page & on page 10-24)	27	9020-8143	1	LOCK SEAT
1	9020-8147	1	GEAR CASE COVER	28	9020-8169	1	WIRE ROPE LOCK
2	9020-8171	1	GEAR CASE GASKET	29	8855-1011	1	LOCKWASHER, 3/8
3	8820-1035	6	HEX HD CAPSCREW, 3/8-16X1, GR5	30	8820-1036	1	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5
	8855-1011	6	LOCKWASHER, 3/8	31	9020-8155	4	STUD BOLT, 1/2-13X1-1/2
4	9020-8154	2	BUSHING	32	8850-1008	4	HEX NUT, 1/2-13
5	9020-8150	1	WORM GEAR	33	9020-8151	1	WORM
6	9020-8174	1	BUSHING	34	9020-8149	1	WORM SHAFT
7	9020-8168	1	OIL FILL PLUG	35	9020-8176	2	WORM SHAFT KEY
8	9020-8185	1	OIL LEVEL PLUG	36	9020-8177	1	WORM SHAFT KEY
9	9020-8142	1	GEAR CASE	37	9020-8164	2	BRAKE LINING
10	9020-8186	1	OIL DRAIN PLUG	38	9020-8184	2	LOCK RING, (V.C. type)
11	9020-8156	2	COLLAR	39	9020-8175	2	SEAL
12	9020-8183	2	BEARING	40	9020-8158	1	BRAKE HOUSING
13	9020-8189	2	OIL SEAL	41	9020-8163	1	ROLLER
14	9020-8170	2	BEARING HUB GASKET	42	9020-8179	1	BRAKE DRUM HOUSING
15	9020-8188	2	BEARING HUB	43	9020-8162	1	SPRING SEAT
16	9020-8180	1	MOTOR MOUNT ADAPTER	44	9020-8159	1	BRAKE DRUM
17	8820-1037	12	HEX HD CAPSCREW, 3/8-16X1-1/2, GR5	45	9020-8157	1	BRAKE PLATE
	8855-1011	8	LOCKWASHER, 3/8	46	8850-1006	1	HEX NUT, 3/8-16
18	9020-8187	AR	COUPLER SPACER	47	9020-8165	1	BRAKE PLATE
19	9020-8181	1	COUPLER WINCH SHAFT	48	9020-8166	2	BRAKE PLATE
*20	Not Used			49	9020-8167	1	FIXING PLATE
21	9020-8153	1	LOCK SEAT BUSHING	50	9020-8160	1	ADJUSTING BOLT
22	9020-8152	6	CABLE DRUM SHAFT KEY	51	9020-8178	1	SPRING
23	9020-8148	1	CABLE DRUM SHAFT	52	9020-8190	1	BRAKE COVER GASKET
*24	9140-4384	1	LOCK SEAT	53	9020-8172	1	O-RING
25	9020-8173	2	WASHER	54	9020-8161	1	ADJUSTING NUT
26	9020-8145	1	CABLE DRUM	55	9020-8146	1	BRAKE DRUM
				56	8867-1001	1	LUBE FITTING, STRAIGHT, 1/8

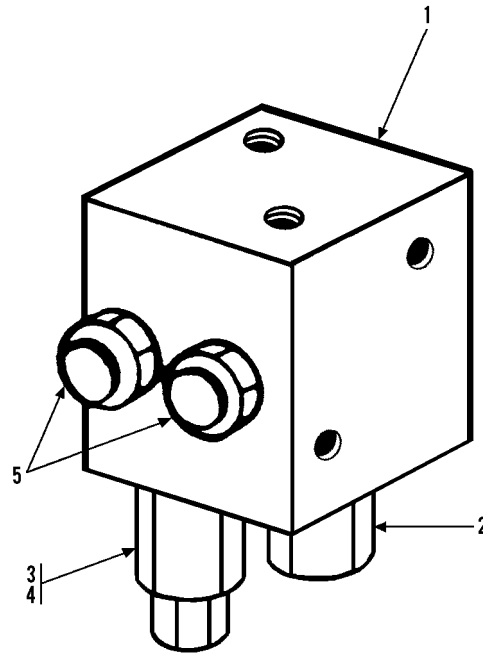
* Revised illustration, part number for truss boom winch assy & item 24; removed item 20.



Item	Part No.	Qty.	Description Of Part
	9020-7879	1	WINCH MOTOR (includes all items)
	9020-8212	1	SHAFT SEAL KIT (includes items 4 & 11)
1	8320-1057	4	HEX HD CAPSCREW, 3/8-16X2, GR8
2	9020-8203	1	END COVER
3	9020-8204	1	PIN
4		3	SEAL
5	9020-8206	1	ROLLER-STATOR ASSY
6	9020-8207	1	WEAR PLATE
7	9020-8208	1	DRIVE LINK
8	9020-8209	1	SHAFT
9	9020-8210	1	THRUST BEARING
10	9020-8211	1	FRONT HOUSING
11		1	SHAFT SEAL
NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			

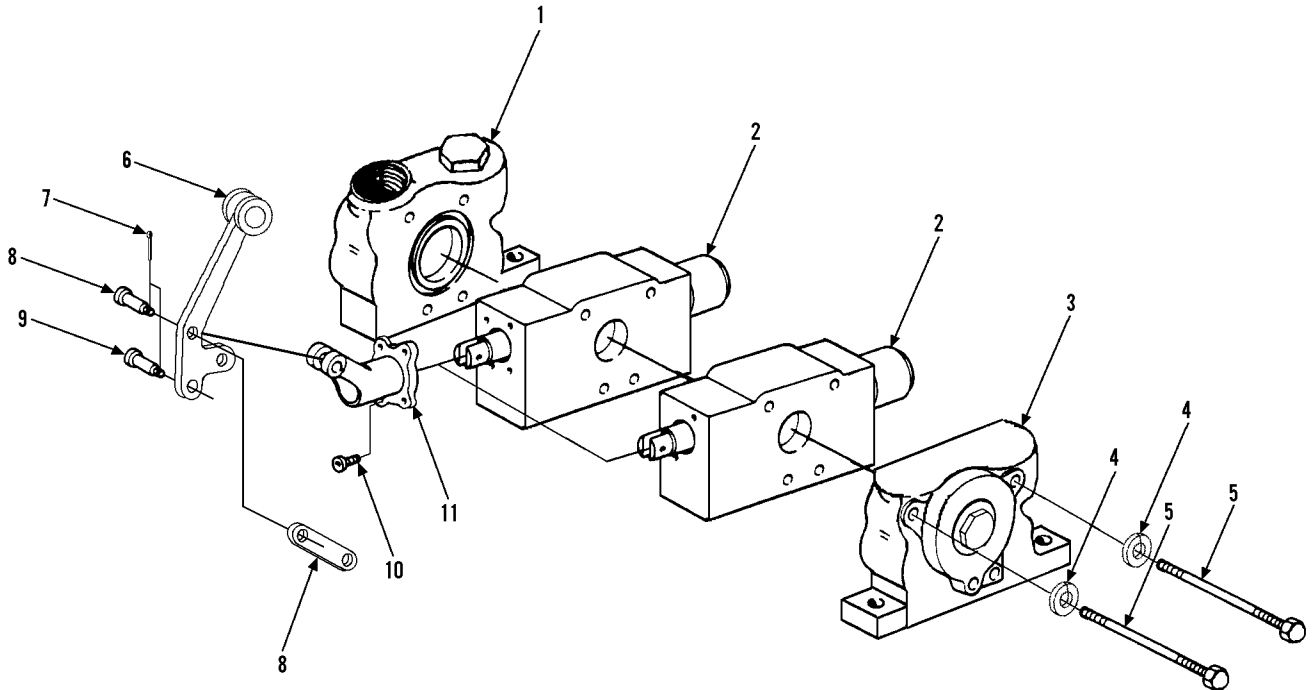


Item	Part No.	Qty.	Description Of Part
	9060-2706	1	CROSSOVER RELIEF VALVE (includes all items)
1	9020-3440	2	RELIEF CARTRIDGE (includes items 2 thru 4)
2	9020-3437	4	BACKUP RING (2/cartridge)
3	9020-3438	2	O-RING (1/cartridge)
4	9020-3439	2	O-RING (1/cartridge)
5		1	BODY
NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			

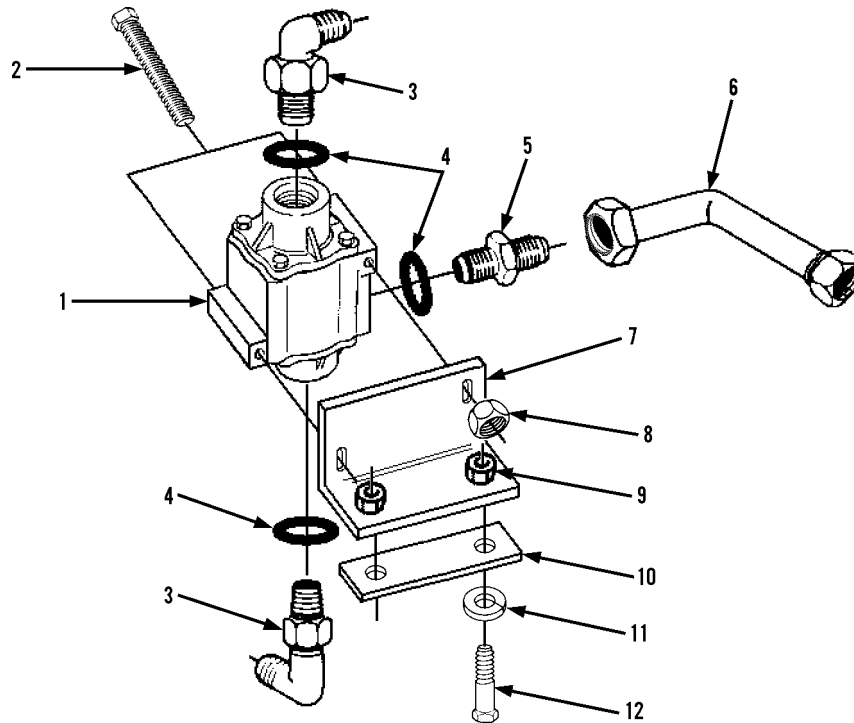


Item	Part No.	Qty.	Description Of Part
1	9111-3003	1	STABILIZER VALVE ASSY (includes all items)
	9104-4002	AR	SEAL KIT
		1	VALVE BODY (not sold separately, order P/N 9111-3003)
2	9104-4346	1	RELIEF VALVE ASSY
3	9104-4347	1	SOLENOID VALVE ASSY (includes item 4)
4	9104-4012	1	SOLENOID COIL
5	9104-4348	4	CHECK VALVE ASSY
NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			

* Changed Logo in upper left corner, this is now used with stabilizer option on both 534C-9 and 534C-10 machines.



Item	Part No.	Qty.	Description Of Part
	9114-3161	1	OUTRIGGER CONTROL VALVE ASSY (includes all items)
	9115-4006	2	HANDLE KIT (includes items 6 thru 11)
	9020-6417	AR	VALVE SECTION SEAL KIT (one kit per section)
1	9114-4132	1	LEFT END COVER ASSY
2	9114-4133	2	VALVE SECTION & SPOOL ASSY (not sold separately)
3	9114-4134	1	RIGHT END COVER ASSY
4	9114-4131	4	LOCKWASHER
5	9114-4130	4	BOLT
6	9115-4007	2	VERTICAL HANDLE
7	9114-4136	6	COTTER PIN
8	9114-4137	2	MOUNTING PLATE & PINS
9	9114-4138	2	HANDLE PIN
10	9114-4139	8	FILLISTER HD MACHINE SCREW
11	9114-4140	2	HANDLE BRACKET



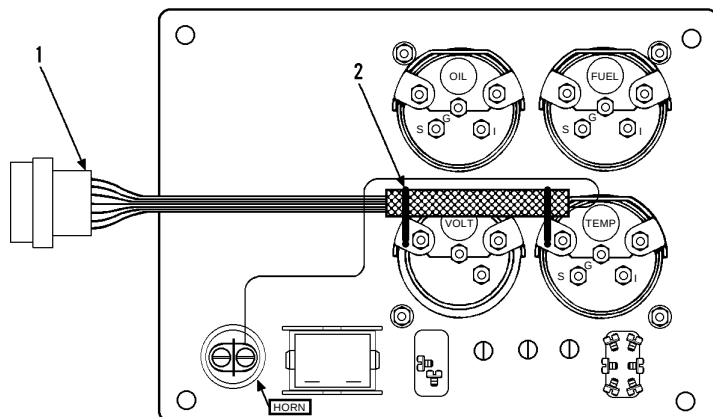
Item	Part No.	Qty.	Description Of Part
	9114-5067	1	THERMAL BYPASS VALVE ASSY (includes all items except 10, 11 & 12)
1	9114-3338	1	BYPASS VALVE
	8097-4021	1	ELEMENT KIT
2	8820-1045	2	HEX HD CAPSCREW, 3/8-16X3 1/2,GR5
3	8866-2069	2	ELBOW, 90 DEGREES (includes item 4)
4	8859-1209	3	O-RING
5	8866-2010	2	CONNECTOR (includes item 4)
6	9114-3274	1	TUBE ASSY
7	9114-6087	1	BRACKET (includes item 9)
8	7714-3015	2	WHIZ LOK NUT
9	8897-1004	2	WELD NUT
10	9114-1432	1	RECTANGULAR WASHER
11	8855-1011	2	LOCKWASHER, 3/4
12	8820-1036	2	HEX HD CAPSCREW, 3/8-16X1 1/4, GR5

(9114-5031) Gauge Panel Assembly

- * 534C-9 Starting Serial No. 0344001 thru 0444002
- * 534C-10 Starting Serial No. 0266001 thru 0266106

Original Issue 9-94

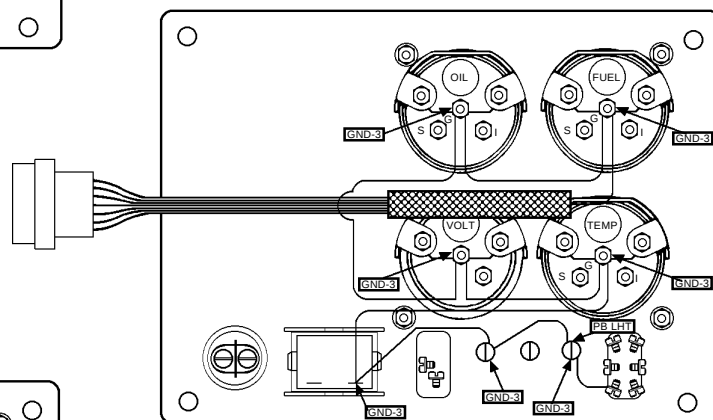
Revised 11-26-97



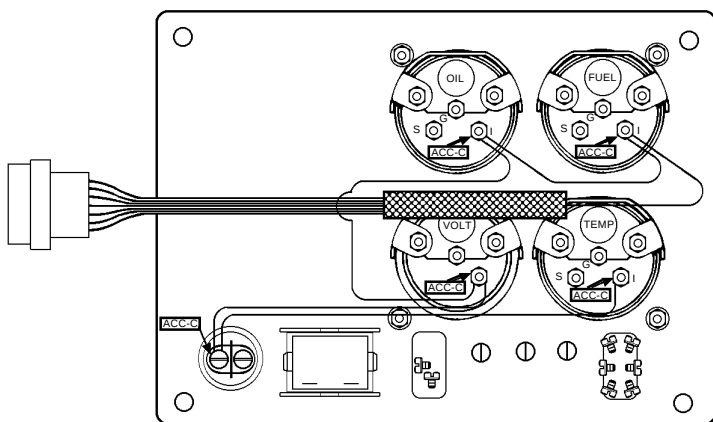
SEQUENCE #1



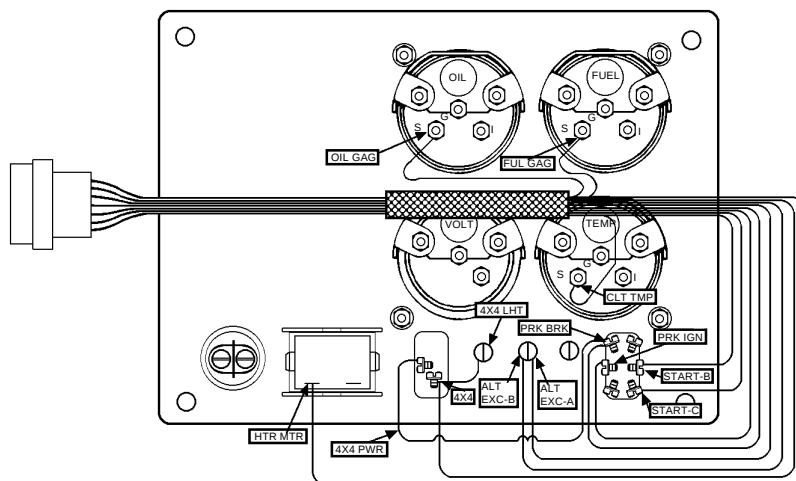
**NOTE: INSTALL HARNESS IN
THE SEQUENCE SHOWN**



SEQUENCE #2



SEQUENCE #3



SEQUENCE #4

GRADALL®
MATERIAL HANDLER
534C-9/534C-10

ELECTRICAL

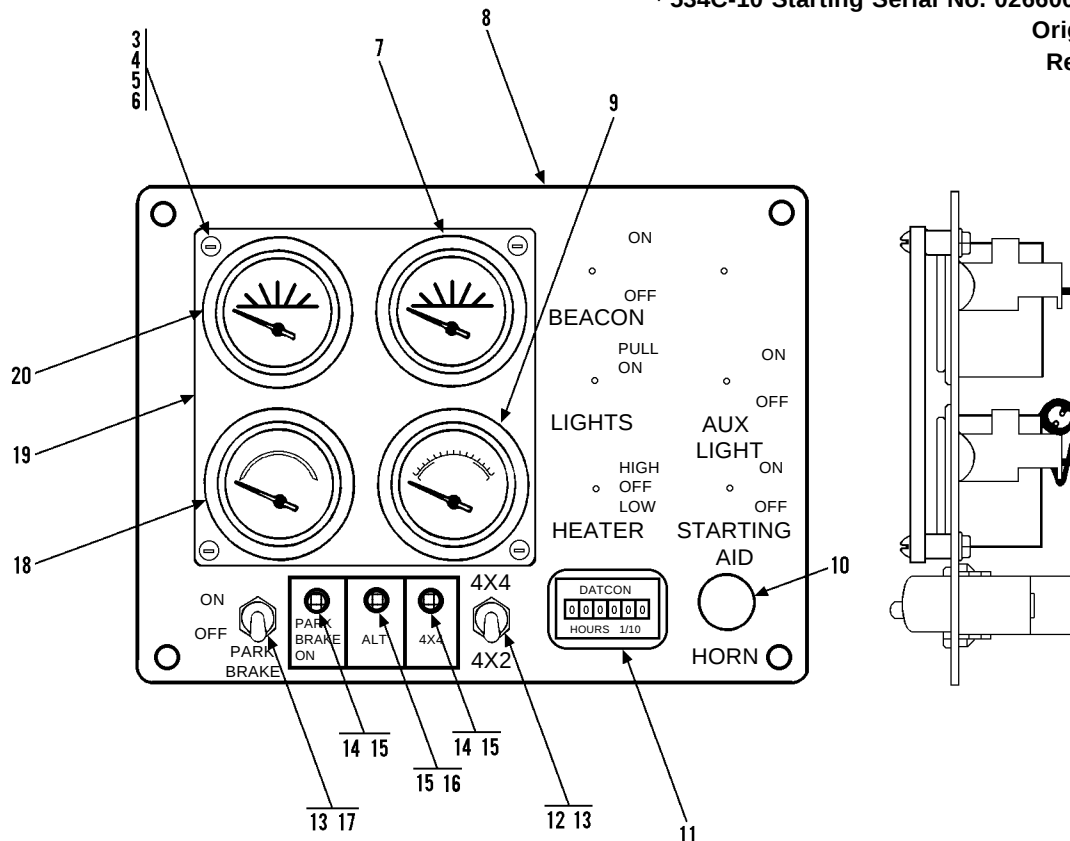
(9114-5031) Gauge Panel Assembly

* 534C-9 Starting Serial No. 0344001 thru 0444002

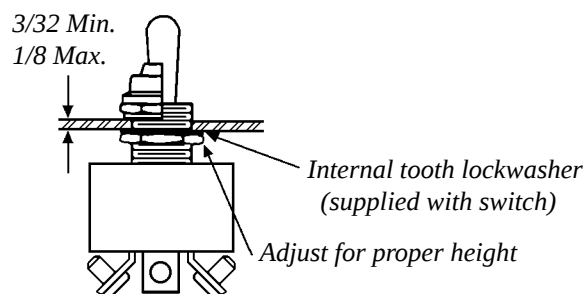
* 534C-10 Starting Serial No. 0266001 thru 0266106

Original Issue 9-94

Revised 11-26-97



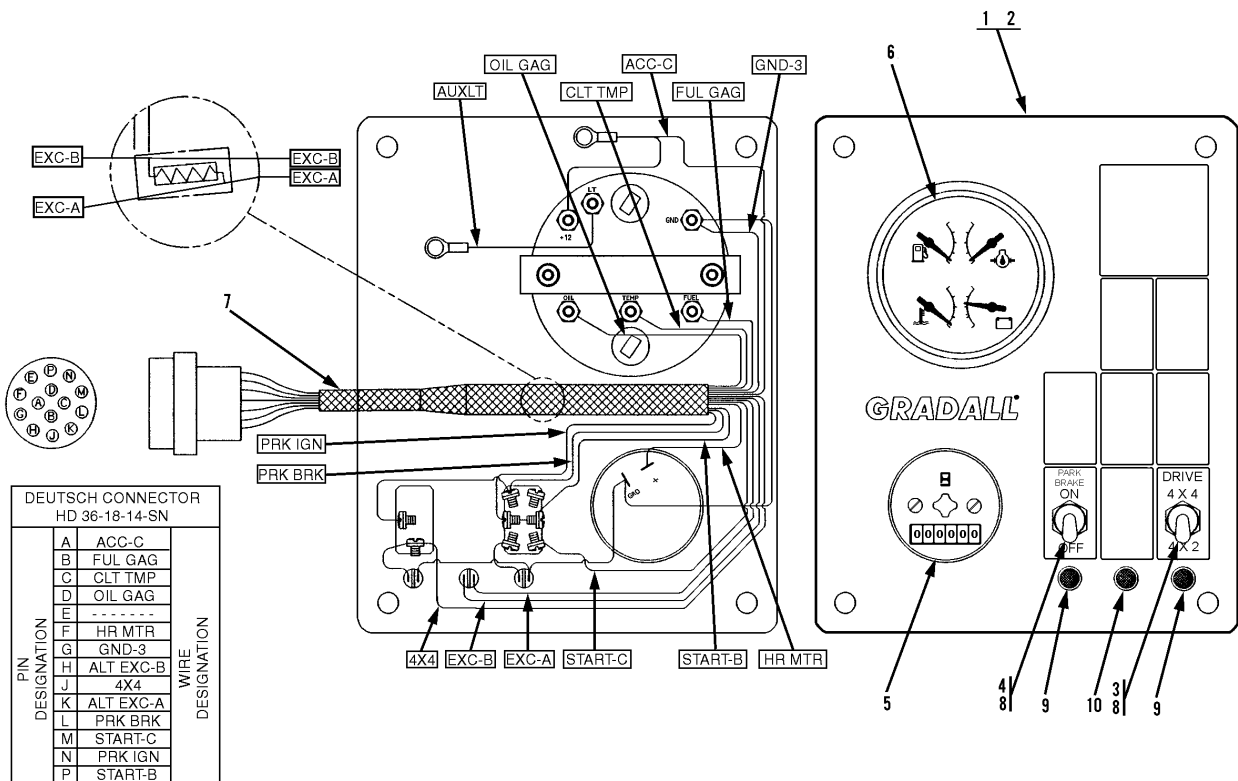
With lockwasher under panel, bushing extension above panel must not exceed .125" or the seal may be cut.



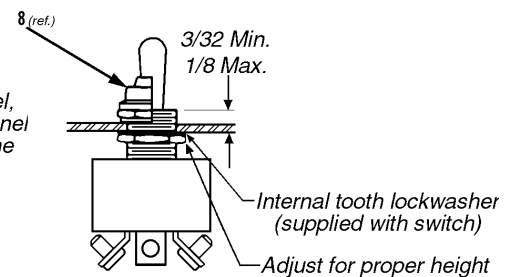
**TYPICAL SWITCH
AND BOOT
INSTALLATION**

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-5031	1	GAUGE PANEL ASSY (includes all items)	10	2477-1004	1	BUTTON
1	9114-3137	1	PANEL WIRING HARNESS	11	9114-3130	1	HOUR METER
2	9105-3419	2	TIE WRAP	12	7738-3467	1	TOGGLE - SPST
3	9114-3227	4	RUBBER SPACER	13	7738-3470	2	BOOT
4	8830-1077	4	MACHINE SCREW, #8-32X1/4"	14	9114-3128	2	AMBER DASH LIGHT
5	8856-1104	4	STEEL PUNCHED WASHER	15	9114-3129	3	TINNERMAN NUT
6	8850-1610	4	HEX NUT, #8-32	16	9114-3127	1	RED DASH LIGHT
7	9103-3247	1	OIL PRESSURE GAUGE	17	9114-3114	1	TOGGLE - DPDT
8	9114-3138	1	FORMICA DASH PANEL	18	9020-5687	1	WATER TEMP. GAUGE
9	7738-3709	1	VOLTMETER	19	9114-3221	1	GAUGE PROTECTOR
				20	9020-5686	1	FUEL GAUGE

* Changed Starting Serial Numbers in upper right corner.



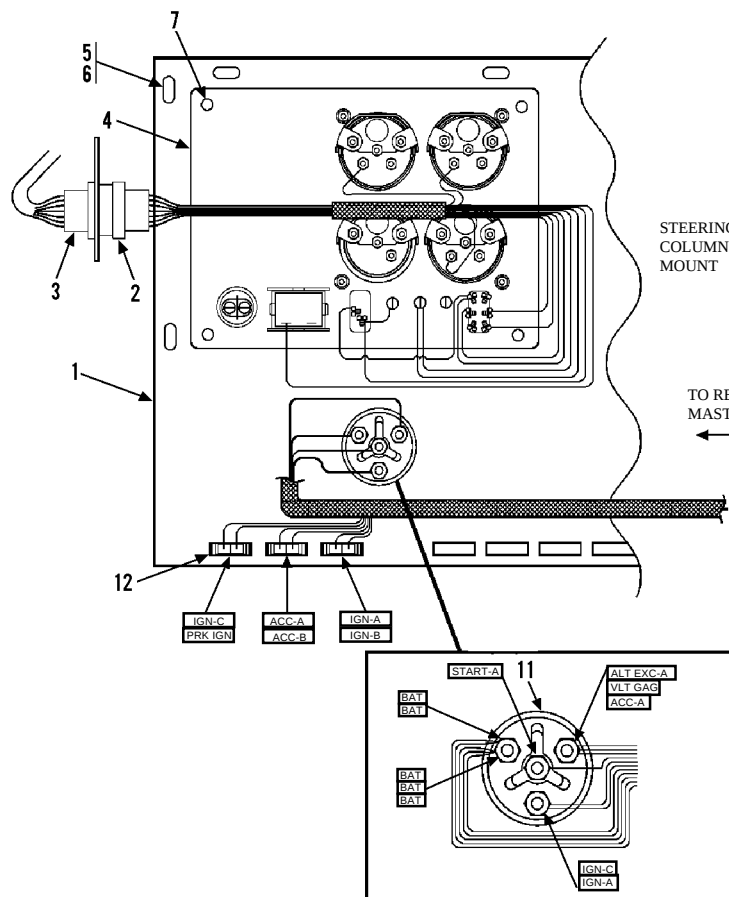
With lockwasher under panel,
bushing extension above panel
must not exceed .125" or the
seal may be cut.



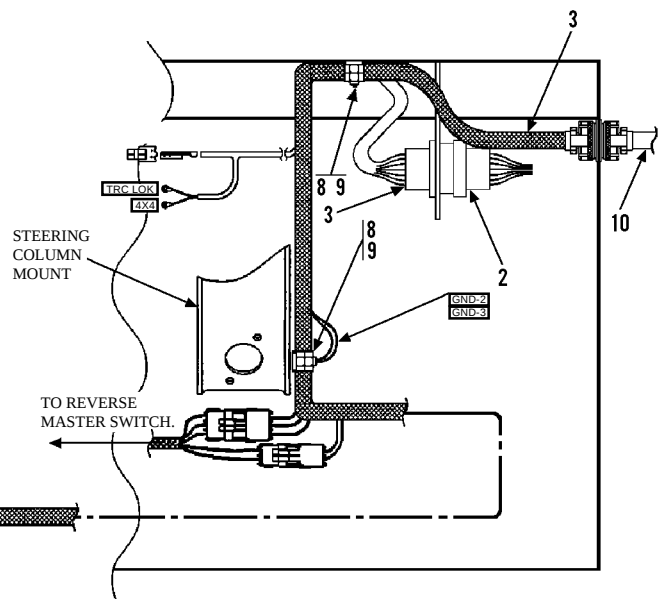
**TYPICAL SWITCH
AND BOOT
INSTALLATION**

Item	Part No.	Qty.	Description Of Part
1	9114-3331	1	GAUGE PANEL (includes all items)
	9136-4004	1	PANEL ASSY (includes front & back plates, acrylic lens & std. labels)
2	9136-4005	1	RUBBER BOOT
3	7738-3467	1	TOGGLE SWITCH
4	9114-3114	1	PARK BRAKE SWITCH
5	9136-4006	1	HOURLMETER
6	9136-4007	1	4-IN-1 GAUGE (oil, fuel, temp, volts)
7	9136-4008	1	WIRE HARNESS
* 8	7738-3470	2	BOOT
* 9	9114-3128	2	AMBER INDICATOR LIGHT
* 10	9114-3127	1	RED INDICATOR LIGHT

PARTIAL VIEW FROM UNDER DASH



**PARTIAL VIEW FROM ABOVE DASH
WITH PANEL REMOVED FOR CLARITY**

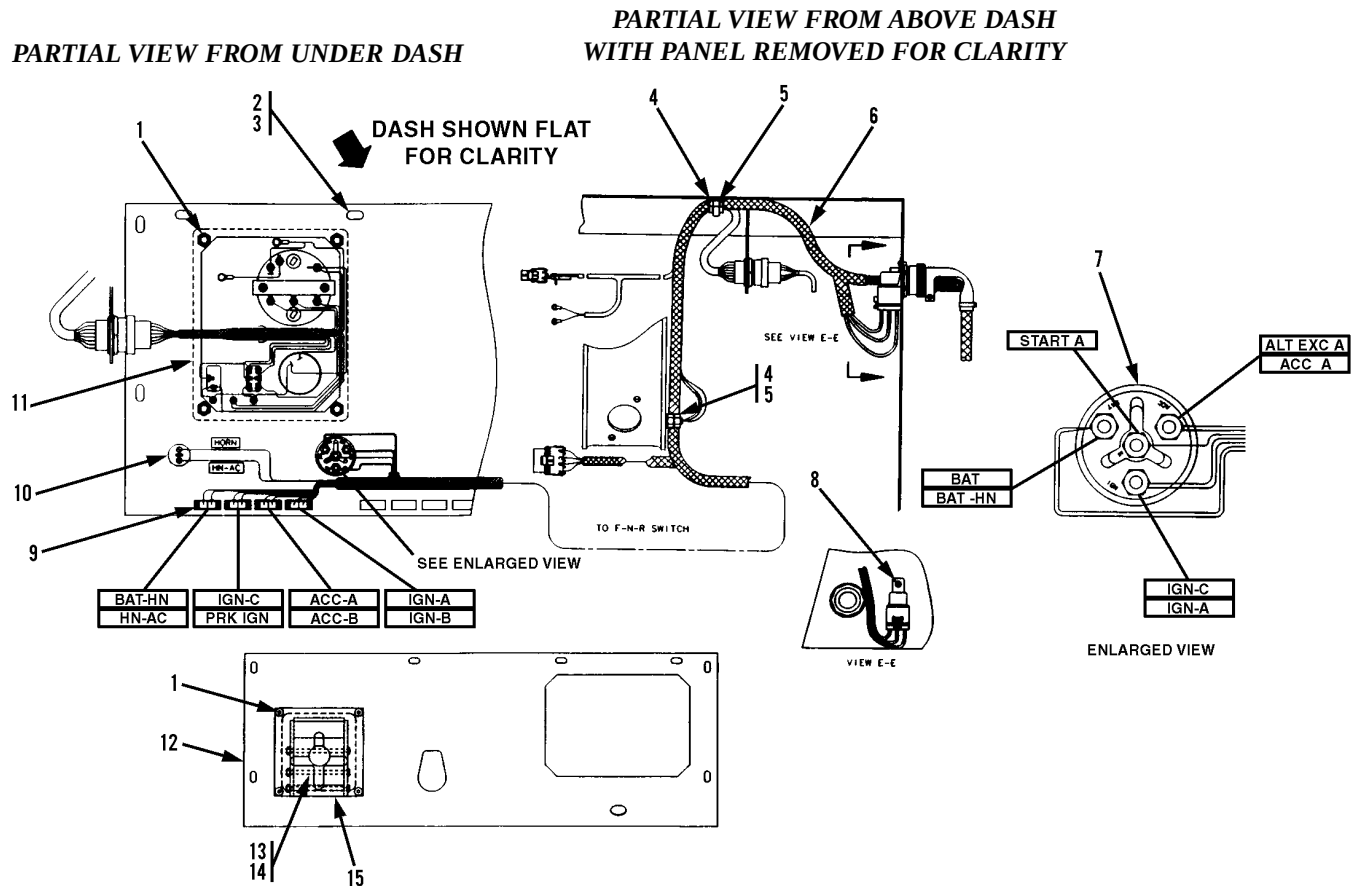


**ENLARGED VIEW OF IGNITION
SWITCH CONNECTION**

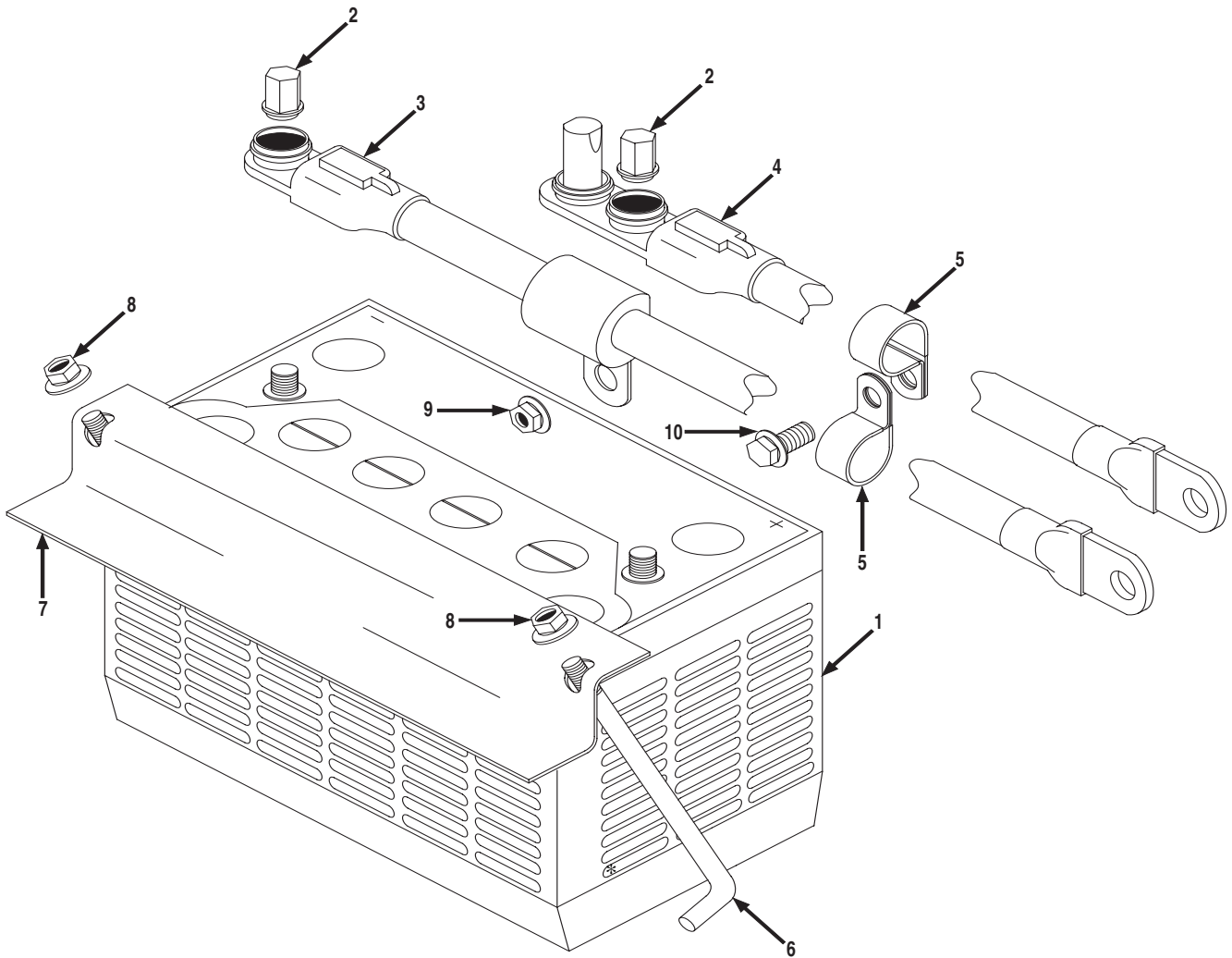
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	9114-1193	1	DASH PANEL	7	8826-1022	4	HEX SOC. BUT. HD. MACHINE
2		Ref	GAUGE PANEL WIRING HARNESS (see page 11-1 for details)	8	2486-1120	2	SCREW, 5/16-18X3/4
3	9114-3101	1	DASH PANEL WIRING HARNESS	9	8850-1006	3	CLAMP
4		Ref	GAUGE PANEL (see page 11-1 for details)	10		Ref	HEX NUT, 3/8-16
5	7714-3003	7	WHIZ-LOC SCREW	11	9103-3317	1	ENGINE WIRING HARNESS (see page 5-1 for details)
6	7714-3006	4	WHIZ-LOC NUT	12	7736-3268	3	IGNITION SWITCH
							15 AMP FUSE

GRADALL®
MATERIAL HANDLER
534C-9/534C-10

ELECTRICAL
Dash Panel
534C-9 Starting Serial No. 0444003
* 534C-10 Starting Serial No. 0266107
Original Issue 8-97
Revised 11-26-97

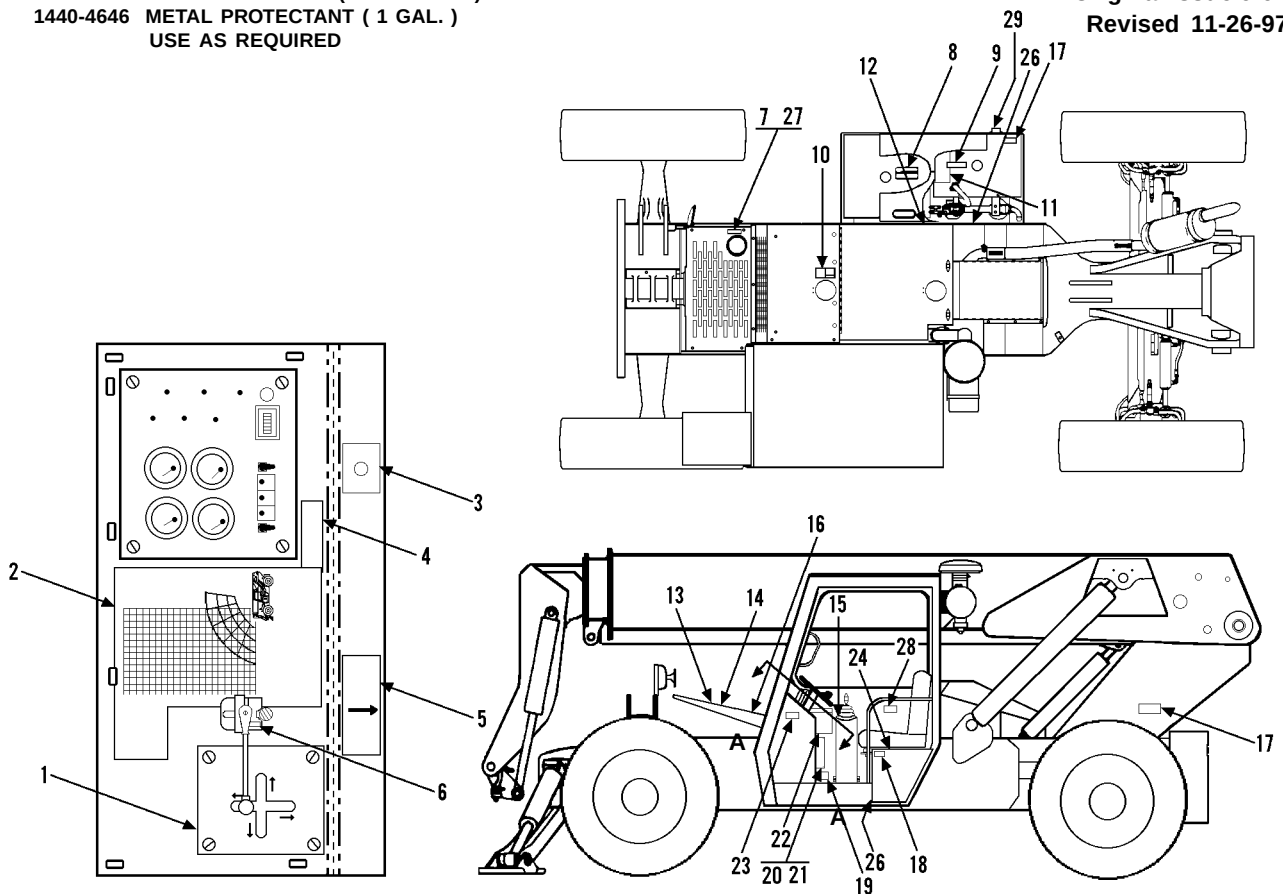


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
1	8826-1022	10	SOCKET BUTTON HD CAPSCREW, #4-40X1/4	9	7736-3268	4	15 AMP FUSE
2	7714-3003	7	WHIZ LOCK SCREW	10	2477-1004	1	HORN BUTTON
3	7714-3006	4	WHIZ LOCK NUT, 5/16-18	11		Ref	GAUGE PANEL ASSY (see page 11-1 for details)
4	2486-1170	2	CLAMP	12	9114-1513	1	DASH PANEL
5	8850-1006	4	HEX NUT, 3/8-16	13	9114-3191	3	HEX HD CAPSCREW, 1/4-20X4-1/2
6	9114-3349	1	DASH HARNESS	14	8852-1304	3	HEX LOCK NUT, 1/4-20
7	9103-3317	1	IGNITION SWITCH	15	9108-6089	1	BRACKET
8	8832-1029	1	SELF TAPPING SCREW, #10-24X3/8				



Item	Part No.	Qty.	Description Of Part
* 1	8097-3021	1	BATTERY, (12 volt, 1000 amps), TOP STUD, 3/8-16 UNC THREAD, BCI GROUP 31
2	7738-3567	2	BATTERY POST TERMINAL
3	9114-3124	1	NEGATIVE BATTERY CABLE
4	9114-3099	1	POSITIVE BATTERY CABLE
5	8594-1017	4	SUPPORT CLAMP
6	9108-1640	2	HOLD DOWN STUD
7	9114-1429	1	BATTERY HOLD DOWN
8	7714-3006	2	WHIZ LOCKNUT, 5/16-18
9	7714-3015	1	WHIZ LOCKNUT, 3/8-16
10	7714-3003	2	WHIZ LOCK SCREW, 5/16-18X5/8
	1440-3416	AR	DI-ELECTRIC GREASE (add to caps of jump terminals on battery cables)
			NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

1440-4645 METAL PROTECTANT (12 OZ. CAN)
 1440-4646 METAL PROTECTANT (1 GAL.)
 USE AS REQUIRED



VIEW A-A

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-5037	1	534C-9 DECAL KIT, (white), (includes items 2 thru 19 & 22 thru 27 on page 12-1, plus items 5, 6, 7 & 9 thru 15 on page 12-2)	14	9104-3215	1	LIFTING PERSONNEL DECAL
	9115-5037	1	534C-10 DECAL KIT, (white), (includes items 2 thru 19 & 22 thru 27 on page 12-1, plus items 5, 7, & 9 thru 15 on page 12-2)	15	9130-3047	1	BOOM OPERATION DECAL
1	9108-3341	1	TILT/SWAY CONTROL PLATE	16	9114-3181	1	SERVICE INSTRUCTION DECAL, (starting S/N 0344001 & 0266001)
2	9114-3151	1	CAPACITY DECAL, (534C-9)		9115-3034	1	SERVICE INSTRUCTION DECAL, (starting S/N 0344394 & 0266057)
	9115-3002	1	CAPACITY DECAL, (534C-10)	17	9104-3209	3	PINCH POINT DECAL
3	9114-3120	1	INSTRUMENT PANEL DECAL	18	7733-3027	1	MADE IN U.S.A. DECAL
4	9114-3182	1	PARK BRAKE DECAL	19	9100-3030	1	PATENT DECAL
5	9108-3314	1	TRACTION DECAL	20	9114-3306	1	SERIAL NO. & ATTACHMENT PLATE, (534C-9)
6	9108-3428	1	FORWARD-REVERSE DECAL		9115-3045	1	SERIAL NO. & ATTACHMENT PLATE, (534C-10)
7	9108-3494	1	BATTERY WARNING DECAL	21	8834-1022	4	DRIVE SCREW
8	9108-3510	1	FUEL WARNING PLATE	22	9106-3047	1	WARNING DECAL
9	9108-3509	1	HYD. OIL PLATE, (starting S/N 0344001 & 0266001)	23	9104-3211	1	RIDERS WARNING DECAL
	9114-3288	1	HYD. OIL PLATE, (starting S/N 0344394 & 0266057)	24	9102-3006	1	STABILIZER DECAL, (534C-10 only)
10	8060-3026	1	COOLING SYSTEM CAUTION DECAL	25	9103-3011	1	WARNING DECAL, (not shown), (located on side of fuel/hydraulic tank cover weldment)
11	9114-3162	1	TEST PORT DECAL	26	9108-3492	2	OIL WARNING DECAL, (one located on valve access cover)
12	7734-3018	1	WARNING DECAL	27	9108-3497	1	JUMP START WARNING
13	8360-1011	1	ACCIDENT PREVENTION DECAL	28	9114-3292	1	DIPSTICK DECAL
				29	9116-3130	1	OIL LEVEL DECAL, (align full mark with black line on oil sight gage)

GRADALL®
MATERIAL HANDLER
534C-9/534C-10

1440-4645 METAL PROTECTANT (12 OZ. CAN)
 1440-4646 METAL PROTECTANT (1 GAL.)
 USE AS REQUIRED

MISCELLANEOUS

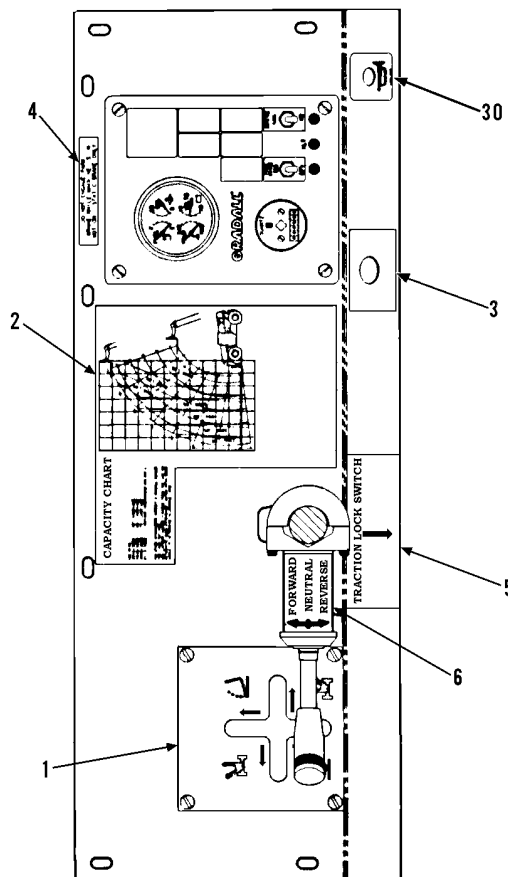
Frame Decals

534C-9 Starting Serial No. 0444003

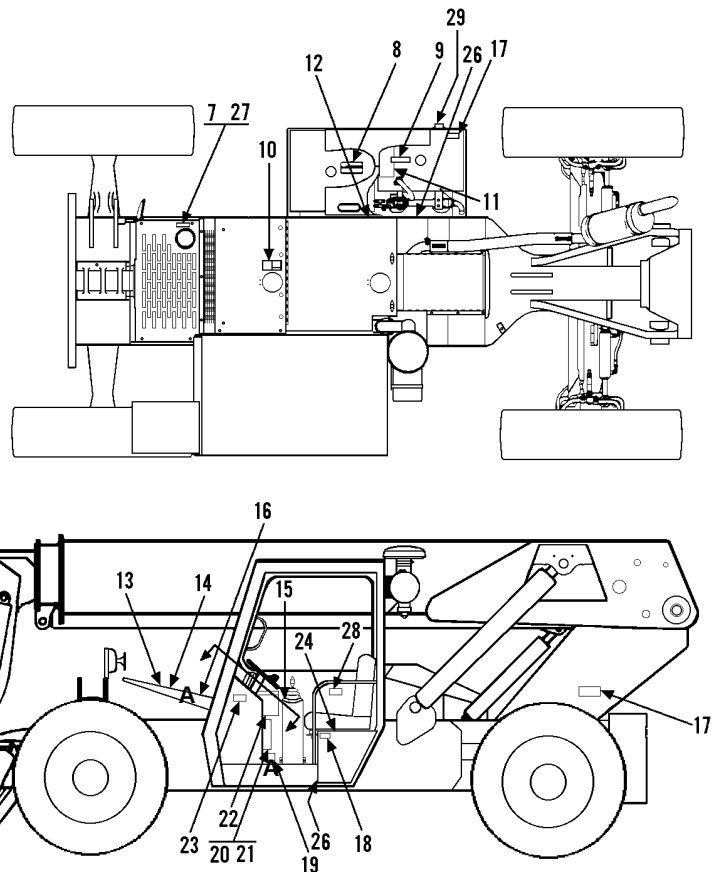
* 534C-10 Starting Serial No. 0266107

Original Issue 8-97

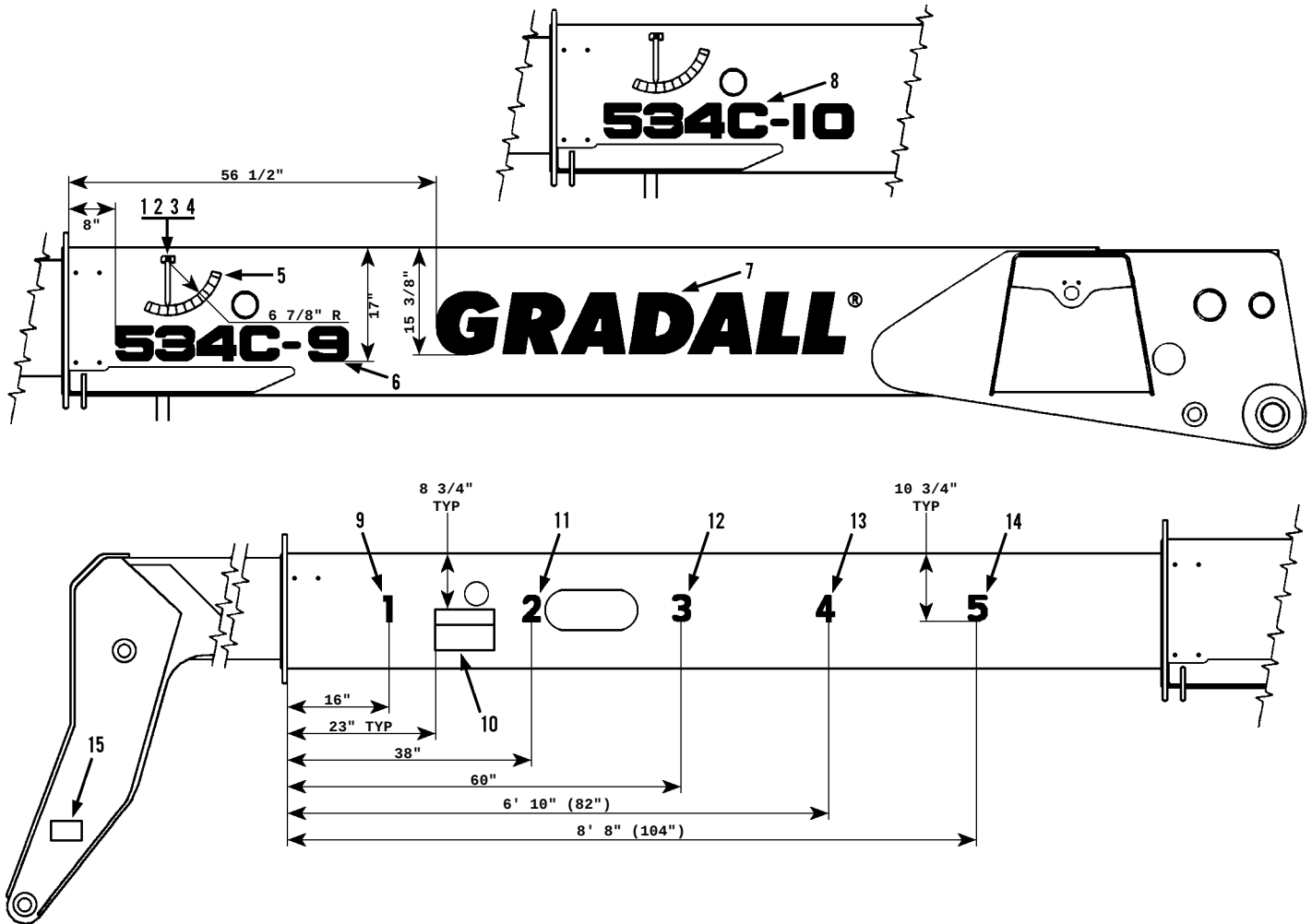
Revised 11-26-97



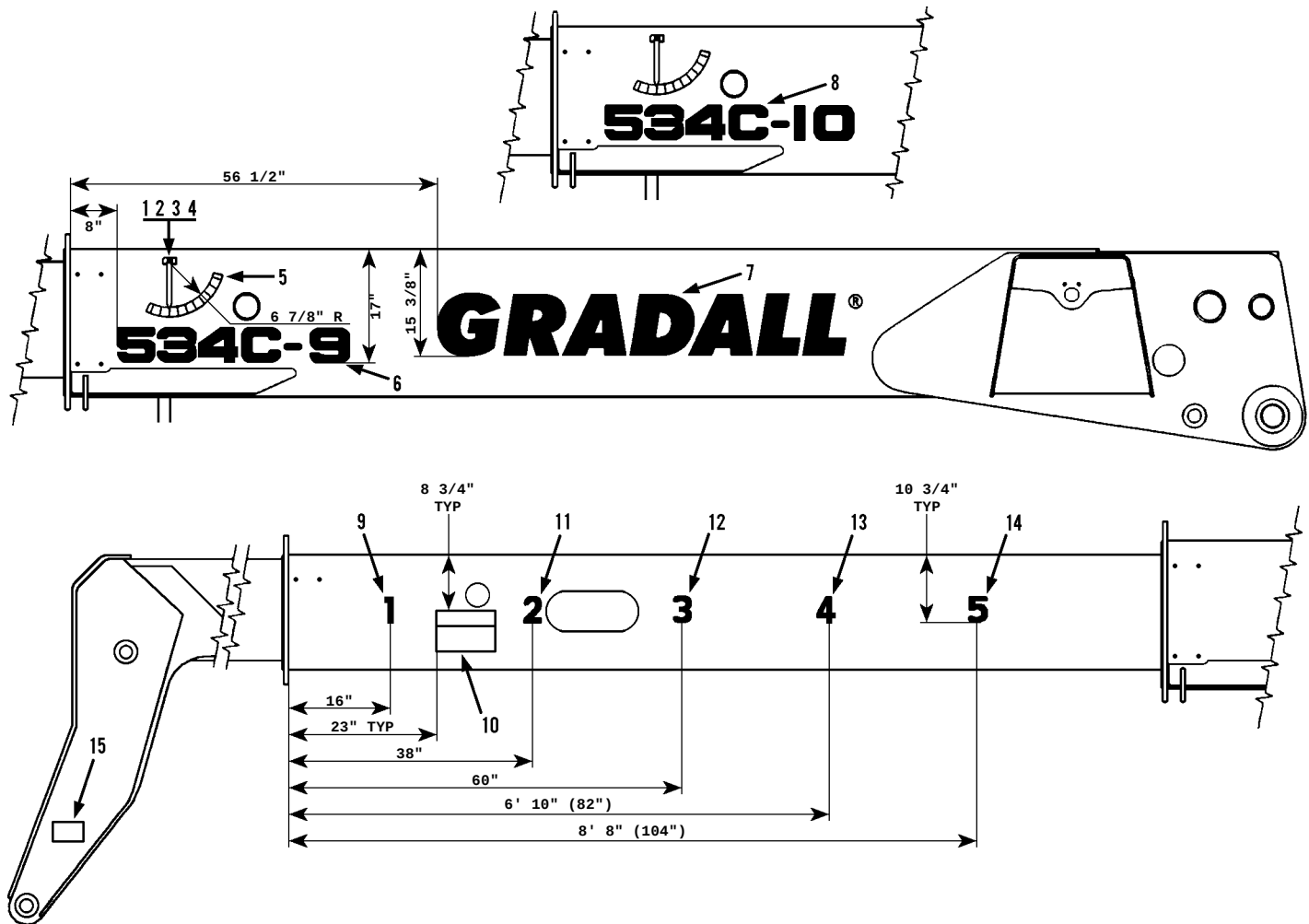
VIEW A-A



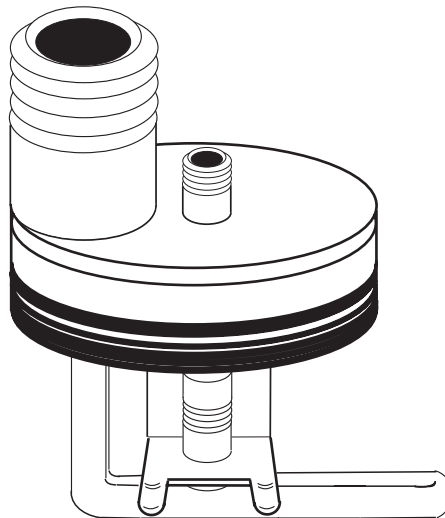
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-5133	1	534C-9 DECAL KIT (white) (includes items 2 thru 19 & 22 thru 27 on page 12-1, plus items 5, 6, 7 & 9 thru 15 on page 12-2)	14	9114-3289	1	LIFTING PERSONNEL DECAL
	9115-5033	1	534C-10 DECAL KIT (white) (includes items 2 thru 19 & 22 thru 27 on page 12-1, plus items 5, 7, & 9 thru 15 on page 12-2)	15	9130-3047	1	BOOM OPERATION DECAL
1	9108-3341	1	TILT/SWAY CONTROL PLATE	16	9115-3034	1	SERVICE INSTRUCTION DECAL
2	9114-3151	1	CAPACITY DECAL (534C-9)	17	9114-3282	3	PINCH POINT DECAL
	9115-3002	1	CAPACITY DECAL (534C-10)	18	7733-3027	1	MADE IN U.S.A. DECAL
3	9114-3120	1	INSTRUMENT PANEL DECAL	19	9100-3030	1	PATENT DECAL
4	9114-3182	1	PARK BRAKE DECAL	20	9114-3306	1	SERIAL NO. & ATTACHMENT PLATE (534C-9)
5	9108-3314	1	TRACTION DECAL		9115-3045	1	SERIAL NO. & ATTACHMENT PLATE (534C-10)
6	9116-3028	1	SHIFTER DECAL	21	8834-1022	4	DRIVE SCREW
7	9114-3284	1	BATTERY WARNING DECAL	22	9114-3287	1	WARNING DECAL
8	9114-3286	1	FUEL WARNING PLATE	23	9114-3283	1	RIDERS WARNING DECAL
9	9114-3288	1	HYD. OIL PLATE	24	9102-3006	1	STABILIZER DECAL (534C-10 only)
10	8060-3026	1	COOLING SYSTEM CAUTION DECAL	25	9114-3281	1	WARNING DECAL, (not shown), (located on side of fuel/hydraulic tank cover weldment)
11	9114-3162	1	TEST PORT DECAL	26	9108-3492	2	OIL WARNING DECAL (one located on valve access cover)
12	9114-3280	1	WARNING DECAL	27	9114-3285	1	JUMP START WARNING
13	8060-3022	1	ACCIDENT PREVENTION DECAL	28	9114-3292	1	DIPSTICK DECAL
				29	9116-3130	1	OIL LEVEL DECAL (align full mark with black line on oil sight gage)
				30	9103-3089	1	HORN DECAL



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-5037	1	534C-9 DECAL KIT, (white), (includes items 2 thru 19, 22, 23, 25 thru 27 on page 12-1, plus items 5, 6, 7 & 9 thru 15 on page 12-2)	8	9115-3009	2	534C-10 DECAL, WHITE, (std.)
	9115-5037	1	534C-10 DECAL KIT, (white), (includes items 2 thru 19 & 22 thru 27 on page 12-1, plus items 5, 7 & 9 thru 15 on page 12-2)		9115-3010	2	534C-10 DECAL, BLACK, (opt.)
1	9020-0445	1	PENDULUM	9	9100-3016	1	#1 DECAL, WHITE, (std.)
2	9020-0688	1	BEARING		9104-3134	1	#1 DECAL, BLACK, (opt.)
3	9002-6491	1	SHOULDER BOLT, 1/4-20	10	8060-3037	2	HOLE WARNING DECAL
4	8856-1108	1	WASHER, 5/16	11	9100-3018	1	#2 DECAL, WHITE, (std.)
5	9100-3031	1	BOOM ANGLE DECAL		9104-3135	1	#2 DECAL, BLACK, (opt.)
6	9114-3166	2	534C-9 DECAL, WHITE, (std.)	12	9112-3042	1	#3 DECAL, WHITE, (std.)
	9114-3167	2	534C-9 DECAL, BLACK, (opt.)		9112-3043	1	#3 DECAL, BLACK, (opt.)
7	9112-3037	2	GRADALL DECAL, WHITE, (std.)	13	9100-3020	1	#4 DECAL, WHITE, (std.)
	9112-3038	2	GRADALL DECAL, BLACK, (opt.)		9104-3136	1	#4 DECAL, BLACK, (opt.)
				14	9112-3044	1	#5 DECAL, WHITE, (std.)
					9112-3045	1	#5 DECAL, BLACK, (opt.)
				15	9103-3023	1	QUICK SWITCH DECAL



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-5133	1	534C-9 DECAL KIT (white) (includes items 2 thru 19 & 22 thru 27 on page 12-1, plus items 5, 6, 7 & 9 thru 15 on page 12-2)	7	9112-3037	2	GRADALL DECAL, WHITE (std.)
	9115-5033	1	534C-10 DECAL KIT (white) (includes items 2 thru 19 & 22 thru 27 on page 12-1, plus items 5, 7 & 9 thru 15 on page 12-2)		9112-3038	2	GRADALL DECAL, BLACK (opt.)
1	9020-0445	1	PENDULUM	8	9115-3009	2	534C-10 DECAL, WHITE (std.)
2	9020-0688	1	BEARING		9115-3010	2	534C-10 DECAL, BLACK (opt.)
3	9002-6491	1	SHOULDER BOLT, 1/4-20	9	9100-3016	1	#1 DECAL, WHITE (std.)
4	8856-1108	1	WASHER, 5/16		9104-3134	1	#1 DECAL, BLACK (opt.)
5	9100-3031	1	BOOM ANGLE DECAL	10	8060-3019	2	HOLE WARNING DECAL
6	9114-3166	2	534C-9 DECAL, WHITE (std.)	11	9100-3018	1	#2 DECAL, WHITE (std.)
	9114-3167	2	534C-9 DECAL, BLACK (opt.)		9104-3135	1	#2 DECAL, BLACK (opt.)
				12	9112-3042	1	#3 DECAL, WHITE (std.)
					9112-3043	1	#3 DECAL, BLACK (opt.)
				13	9100-3020	1	#4 DECAL, WHITE (std.)
					9104-3136	1	#4 DECAL, BLACK (opt.)
				14	9112-3044	1	#5 DECAL, WHITE (std.)
					9112-3045	1	#5 DECAL, BLACK (opt.)
				15	9114-3290	1	QUICK SWITCH DECAL

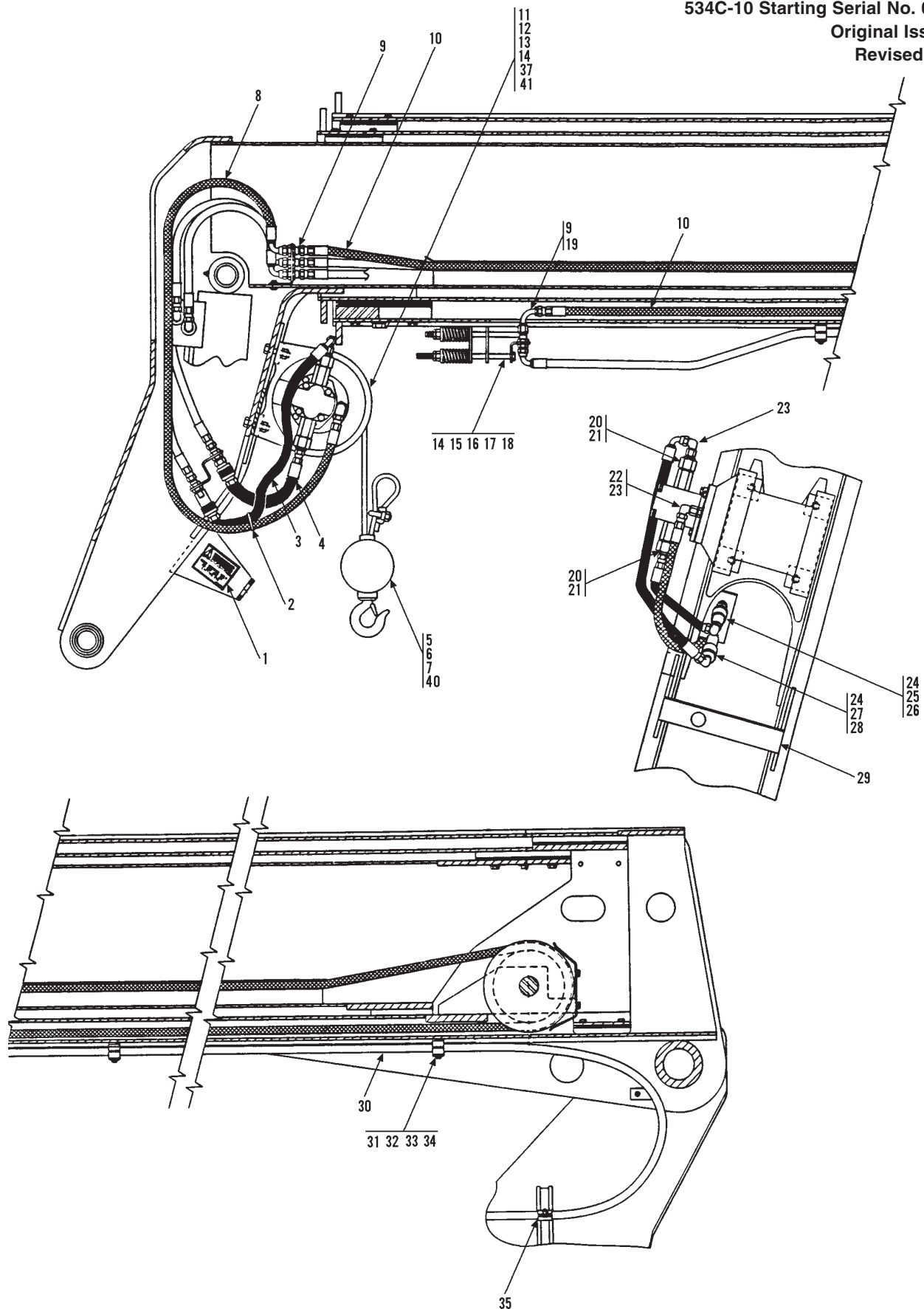


REPLACES FROST PLUG ON RIGHT SIDE OF ENGINE.

Item	Part No.	Qty.	Description Of Part
	9104-3353	1	BLOCK HEATER

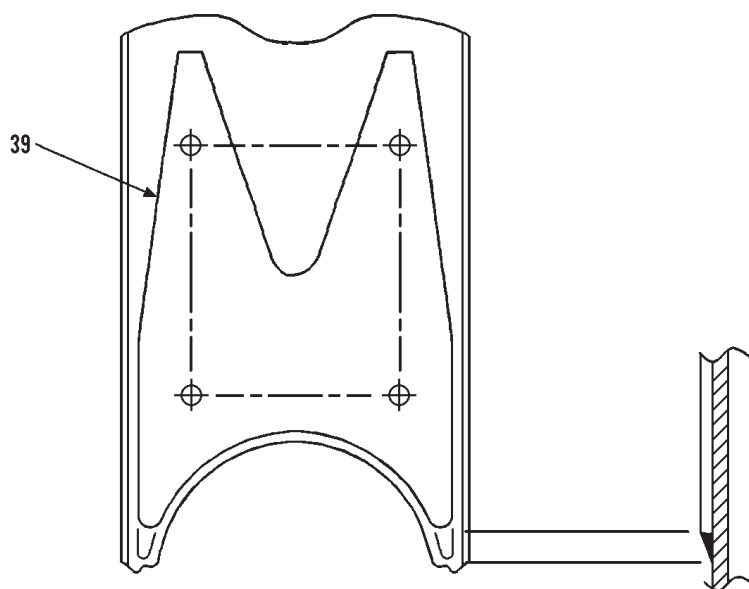
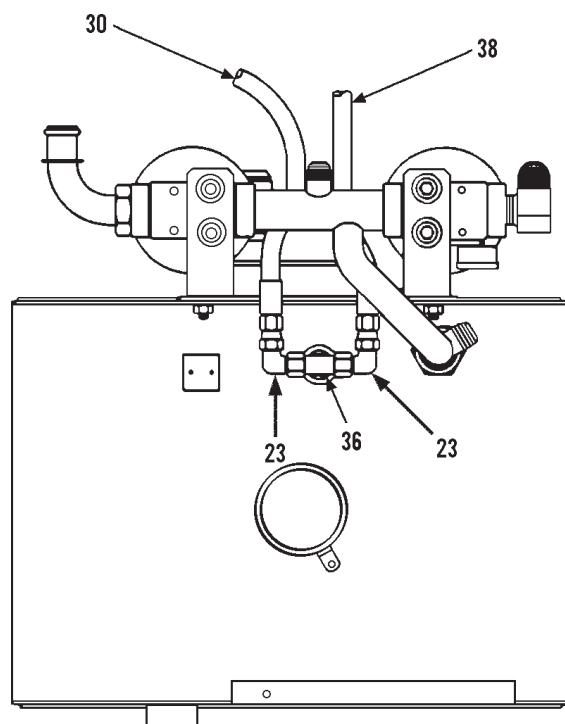
GRADALL®
MATERIAL HANDLER
534C-9/534C-10

OPTIONAL EQUIPMENT
 (9114-5018) Winch Installation - 534C-9
 (9115-5003) Winch Installation - 534C-10
 534C-9 Starting Serial No. 0344001
 534C-10 Starting Serial No. 0266001
 Original Issue 9-94
 Revised 7-27-06



GRADALL®
MATERIAL HANDLER
534C-9/534C-10

OPTIONAL EQUIPMENT
(9114-5018) Winch Installation - 534C-9
(9115-5003) Winch Installation - 534C-10
534C-9 Starting Serial No. 0344001
534C-10 Starting Serial No. 0266001
Original Issue 9-94
Revised 7-27-06

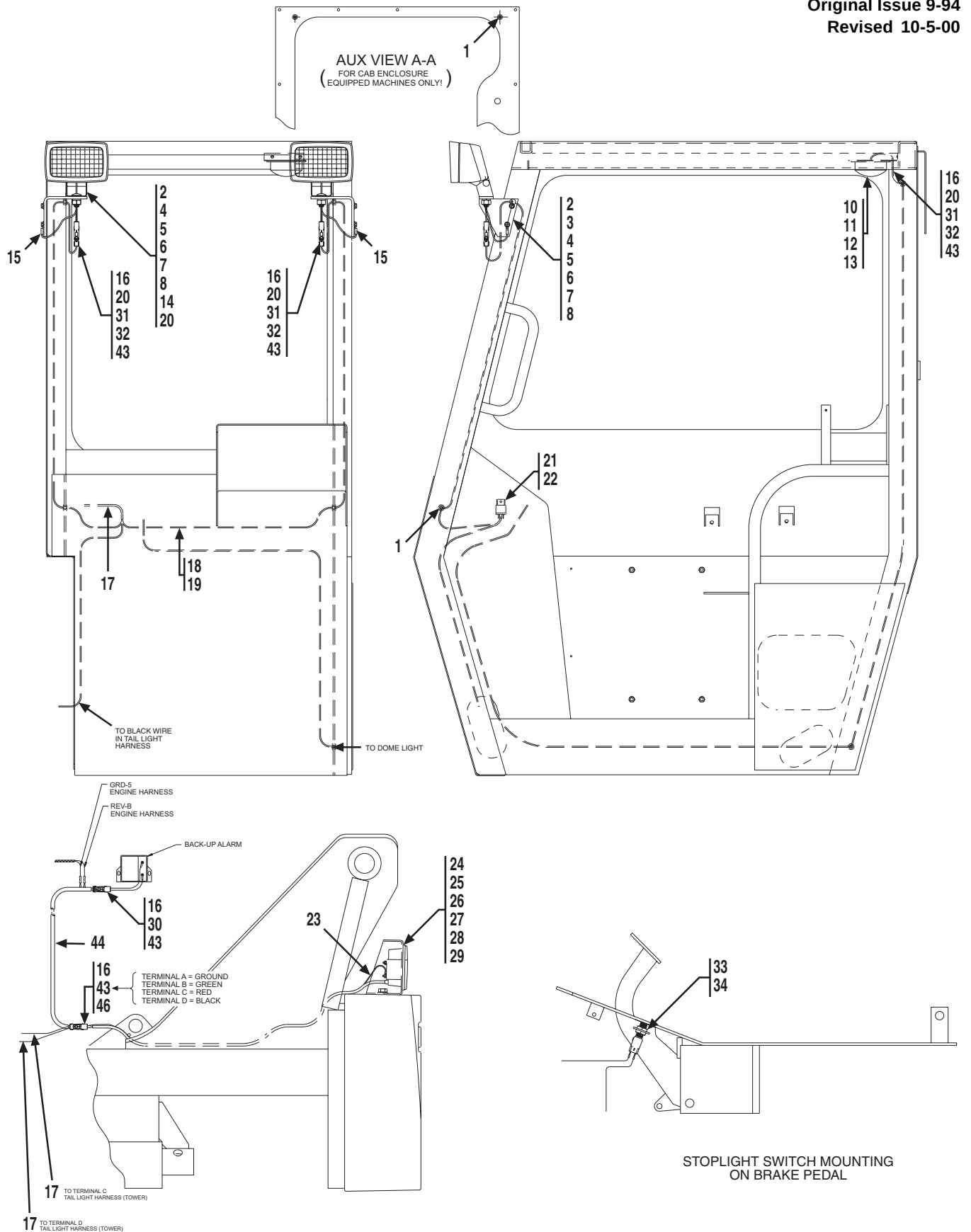


Item	Part No.	Qty.	Description Of Part
	9114-5018	Ref	WINCH INSTALLATION, (includes all items except items 37, 38 & 41), (534C-9)
	9115-5003	Ref	WINCH INSTALLATION, (includes all items except item 38), (534C-10)
1	9108-3535	1	CAUTION DECAL
2	9002-7187	5	NYLON TIE, (locate as required)
3	8471-6148	1	HOSE ASSY
4	8471-8046	1	HOSE ASSY
5	9020-7882	1	CABLE
6	9020-1443	1	HOOK & BALL, (includes item 40)
7	9002-8990	1	WIRE ROPE CLIP
8	8471-7846	1	HOSE ASSY
9	9002-7176	2	STRAIGHT BULKHEAD FITTING
10	8471-9575	1	HOSE ASSY
11		Ref	WINCH, (see page 13-14 for details)
12	8820-1070	4	HEX HD CAPSCREW, 1/2-13X2-1/4, GR5, (534C-9)
	8612-1186	4	HEX HD CAPSCREW, 1/2-13X2, (534C-10)
13	9002-7471	8	HARDENED WASHER, 1/2
14	8850-1008	5	HEX NUT, 1/2-13, (534C-9)
	8850-1008	9	HEX NUT, 1/2-13, (534C-10)
15	9114-6028	1	HOSE TAKE-UP WELDMENT
16	9112-3054	1	COMPRESSION SPRING
17	9112-1134	1	SPRING RETAINER
18	8850-1108	1	JAM NUT, 1/2-13
19	9114-3145	1	ELBOW-90 DEGREES, (swivel nut)

Item	Part No.	Qty.	Description Of Part
20	9103-3230	2	TUBE END REDUCER
21	9103-3161	2	FLOW REGULATOR
22	8866-1011	1	MALE CONNECTOR, 1/2X1/4 TUBE
23	8866-2106	5	ELBOW-90 DEGREES, (swivel nut)
24	8866-1113	2	MALE ELBOW, 90 DEGREES, 1/2X1/2 TUBE
25	9116-3139	1	FEMALE COUPLER
26	9104-3125	1	DUST PLUG
27	9116-3138	1	MALE COUPLER
28	9104-3126	1	DUST CAP
29	9112-1159	1	STOWAGE BRACKET
30	8471-8427	1	HOSE ASSY
31	7713-3053	3	CLAMP SET
32	7713-3052	3	COVER PLATE
33	7713-3209	6	HEX HD CAPSCREW, 1/4-20X1-3/8
34	7713-3029	3	BASE PLATE
35	9020-7464	1	CUSHION CLAMP
36	8866-2225	1	SWIVEL NUT BRANCH TEE, 1/2 TUBE
37	9115-1006	1	MOUNTING PLATE, (534C-10)
38	8471-8409	1	HOSE ASSY
39	9114-1194	1	WINCH MOUNTING PLATE, (534C-9)
	9115-1004	1	WINCH MOUNTING PLATE, (534C-10)
40	9114-4440	1	SAFETY LATCH KIT
41	8320-1149	4	HEX HD CAPSCREW, 1/2-13X3, (534C-10)

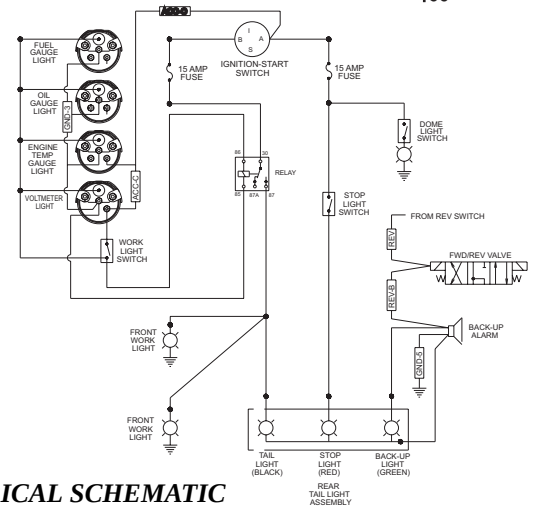
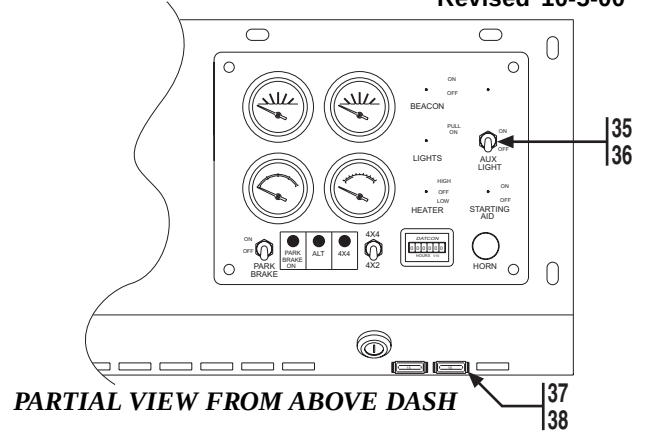
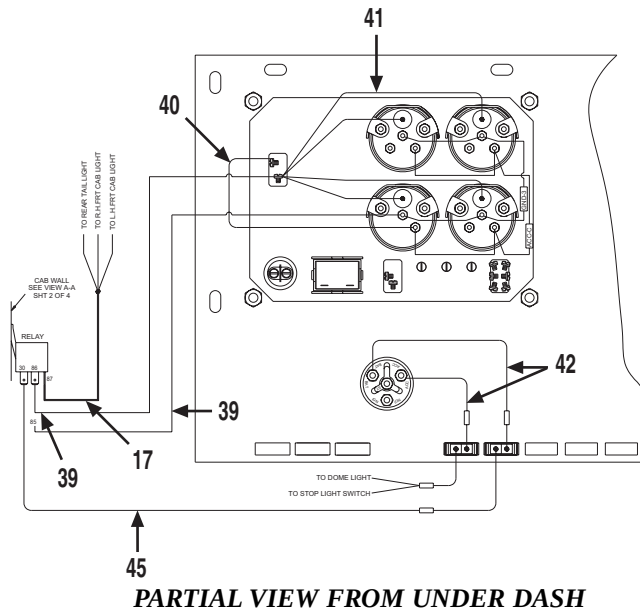
GRADALL®
MATERIAL HANDLER
534C-9/534C-10

OPTIONAL EQUIPMENT
(9114-5021) Work Light Package
 534C-9 Starting Serial No. 0344001
 534C-10 Starting Serial No. 0266001
 Original Issue 9-94
 Revised 10-5-00



GRADALL®
MATERIAL HANDLER
534C-9/534C-10

OPTIONAL EQUIPMENT
(9114-5021) Work Light Package
534C-9 Starting Serial No. 0344001
534C-10 Starting Serial No. 0266001
Original Issue 9-94
Revised 10-5-00

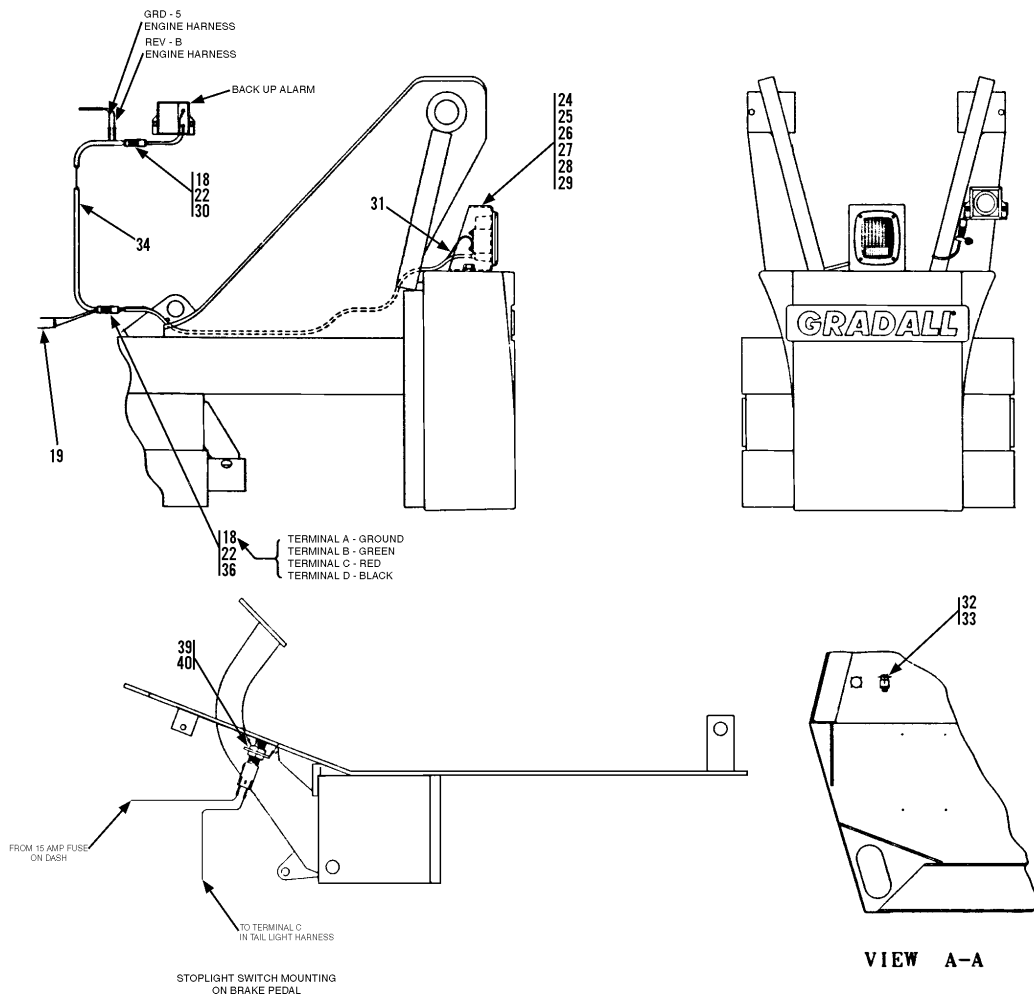
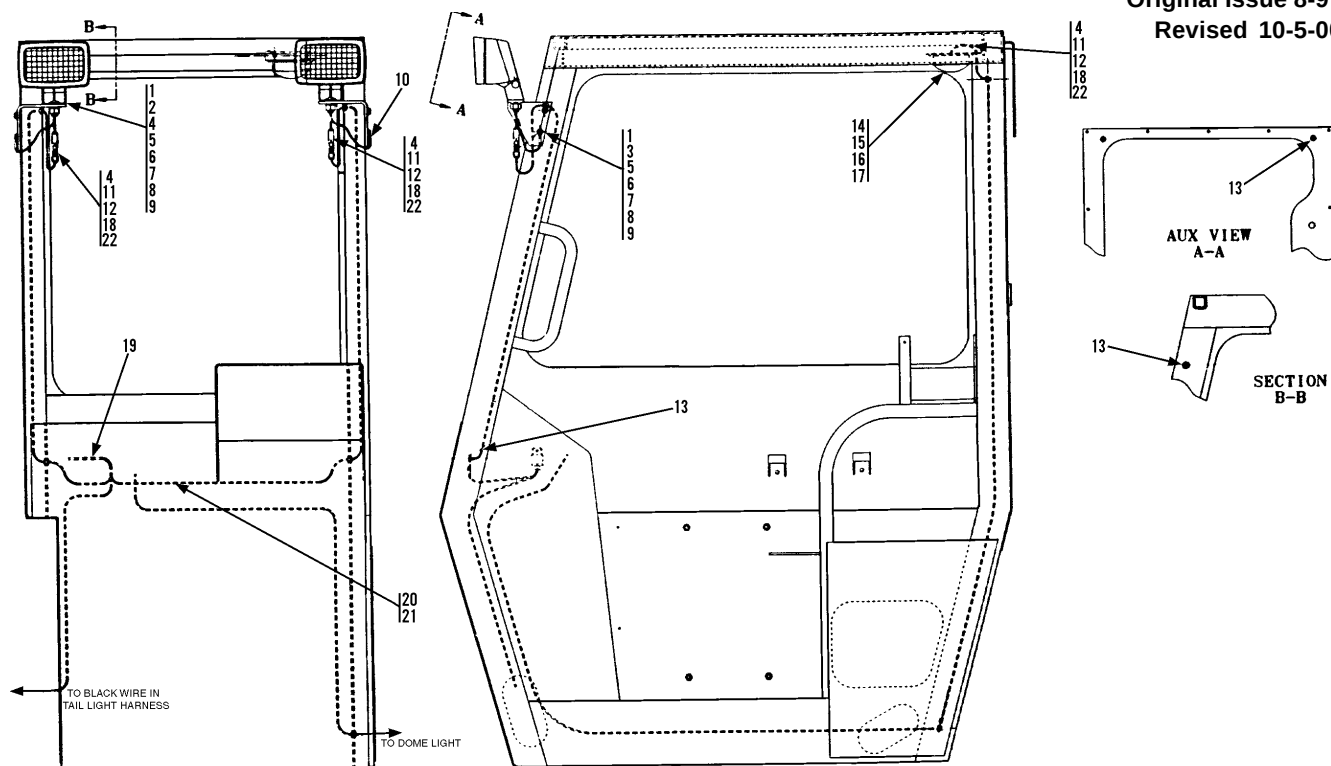


Item	Part No.	Qty.	Description Of Part
	9114-5021	1	WORK LIGHT PACKAGE, (includes all items)
1	9002-7214	8	RUBBER GROMMET
2	8096-3050	2	UTILITY FLOOD LIGHT
3	9114-1183	1	L.H. LIGHT SUPPORT
4	8820-1035	2	HEX HD CAPSCREW, 3/8-16X1, GR5
5	8856-1109	2	FLAT WASHER, 3/8
6	8855-1011	2	LOCKWASHER, 3/8
7	8850-1006	2	HEX NUT, 3/8-16
8	9002-7319	4	TAP SCREW, 1/4-20X1
9		AR	WIRE LOOM, (use on all wires)
10	9101-1009	1	MOUNTING BRACKET
11	9002-9955	1	RUBBER GROMMET
12	8832-1022	2	SELF TAPPING SCREW, #8-32X3/8
13	2486-1167	1	INTERIOR LIGHT
14	9114-1182	1	R.H. LIGHT SUPPORT
15	8688-3260	2	EYELET
16	8096-3069	9	W. PACK CONNECTOR, (male pin)
17	9114-3270	1	LIGHT HARNESS
18	9105-3419	19	TIE WRAP
19	8668-3122	6	TIE WRAP
20	8096-3055	3	W. PACK CONNECTOR, (tower)
21	7738-3410	1	RELAY, (located on side wall of cab)
22	8832-1039	1	SELF TAPPING SCREW, #10-32X1/2
23	9114-1364	1	JUMPER WIRE
24	8820-1108	1	HEX HD CAPSCREW, 3/4-10X1-1/4, GR5
25	8856-1115	1	FLAT WASHER, 3/4
26	8855-1016	1	LOCKWASHER, 3/4
27	9112-1145	1	TAIL LIGHT HOUSING

Item	Part No.	Qty.	Description Of Part
28	9112-1146	1	TAIL LIGHT BRACKET
29	9136-5045	1	TAIL LIGHT ASSEMBLY, (includes the following seven items)
	9112-3065	1	TAIL LIGHT
	8666-1147	38"	WIRE, 16 GAUGE, (black)
	8666-1149	38"	WIRE, 16 GAUGE, (green)
	8666-1152	38"	WIRE, 16 GAUGE, (red)
	8668-3480	3	BUTT CONNECTOR
	8203-3996	45"	WIRE LOOM
	8668-3122	2	TIE WRAP
30	8096-3058	1	W. PACK CONNECTOR, (shroud)
31	8096-3056	3	W. PACK CONNECTOR, (shroud)
32	8096-3068	3	W. PACK CONNECTOR, (female pin)
33	9114-3117	1	STOP LIGHT SWITCH
34	9114-1197	1	MOUNTING TAB
35	7738-3467	1	LIGHT SWITCH
36	7738-3470	1	BOOT
37	9114-3108	2	FUSE HOLDER
38	7736-3268	2	FUSE, 15 AMP
39	9114-1265	2	JUMPER WIRE
40	9114-1258	1	JUMPER WIRE
41	9103-3360	4	GAUGE LIGHTING KIT
42	9114-1259	2	JUMPER WIRE
43	8096-3066	12	W. PACK CONNECTOR, (cable seal)
44	9114-3210	1	TAIL LIGHT HARNESS
45	9114-1266	1	JUMPER WIRE
46	8096-3062	1	W. PACK CONNECTOR, (shroud)

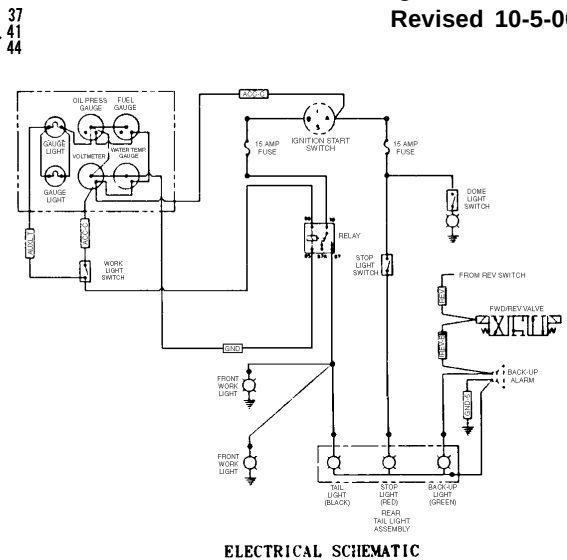
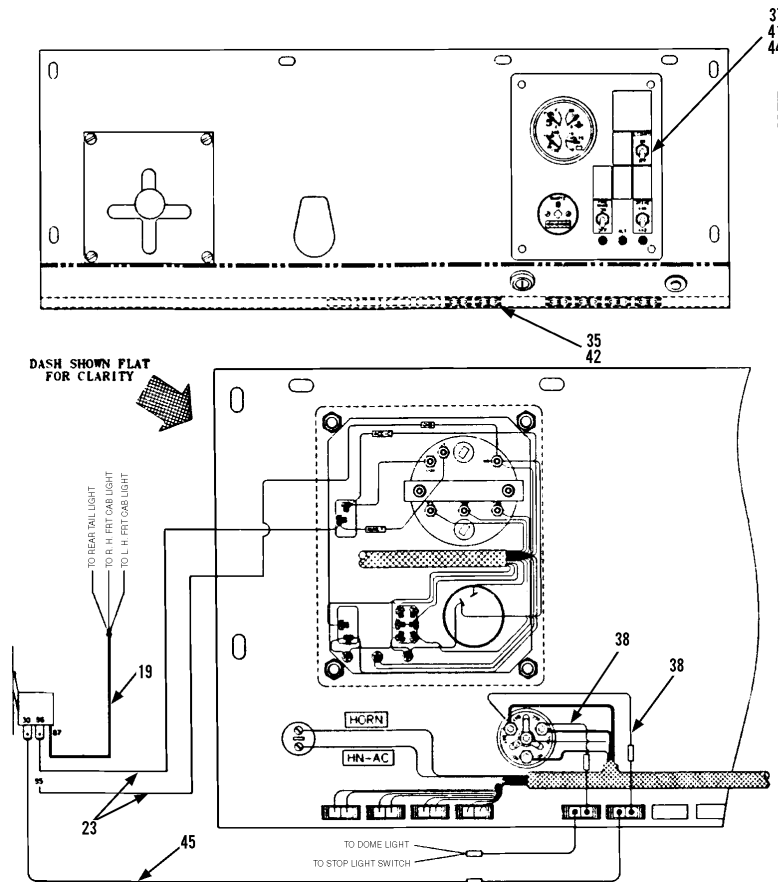
GRADALL®
MATERIAL HANDLER
534C-9

OPTIONAL EQUIPMENT
(9114-5098) Work Light Package
 Starting Serial No. 0444003
 Original Issue 8-97
 Revised 10-5-00



GRADALL®
MATERIAL HANDLER
534C-9

OPTIONAL EQUIPMENT
(9114-5098) Work Light Package
Starting Serial No. 0444003
Original Issue 8-97
Revised 10-5-00

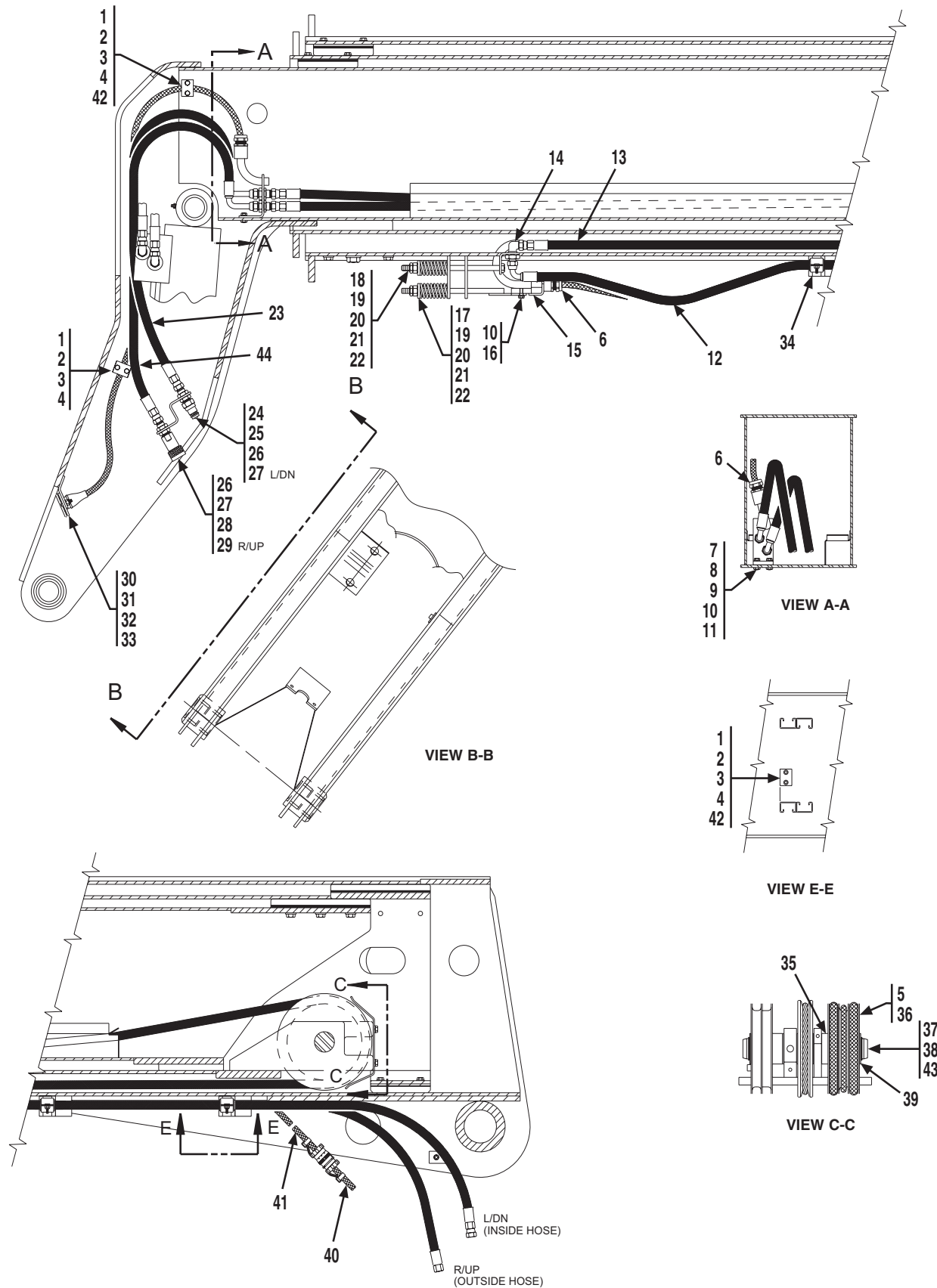


USE ITEM 35 AS NEEDED TO TIE
WIRES UNDER DASH

USE ITEM 43 AS NEEDED TO COVER
ALL WIRES IN LIGHT PACKAGE

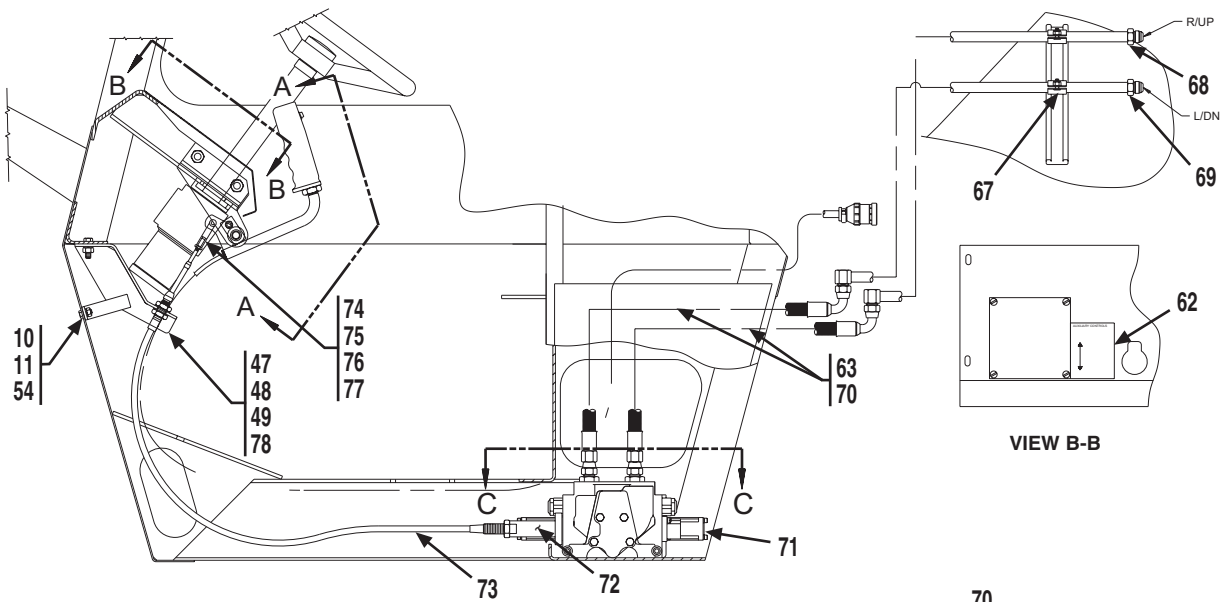
Item	Part No.	Qty.	Description Of Part
	9114-5098	1	WORK LIGHT PACKAGE, (includes all items)
1	8096-3050	2	UTILITY FLOOD LIGHT
2	9114-1182	1	R.H. LIGHT SUPPORT
3	9114-1183	1	L.H. LIGHT SUPPORT
4	8096-3055	4	W. PACK CONNECTOR, (tower)
5	8820-1035	2	HEX HD CAPSCREW, 3/8-16X1, GR5
6	8856-1109	2	FLAT WASHER, 3/8
7	8855-1011	2	LOCKWASHER, 3/8
8	8850-1006	2	HEX NUT, 3/8-16
9	9002-7319	4	TAP SCREW, 1/4-20X1
10	8688-3260	2	EYELET
11	8096-3056	3	W. PACK CONNECTOR, (shroud)
12	8096-3068	3	W. PACK CONNECTOR, (female pin)
13	9002-7214	8	RUBBER GROMMET
14	9101-1009	1	MOUNTING BRACKET
15	9002-9955	1	RUBBER GROMMET
16	8832-1022	2	SELF TAPPING SCREW, #8-32X3/8
17	2486-1167	1	INTERIOR LIGHT
18	8096-3069	9	W. PACK CONNECTOR, (male pin)
19	9114-3270	1	LIGHT HARNESS
20	8668-3122	6	TIE WRAP
21	9105-3419	19	TIE WRAP
22	8096-3066	12	W. PACK CONNECTOR, (cable seal)
23	9114-1265	2	JUMPER WIRE
24	9112-1145	1	TAIL LIGHT HOUSING
25	9112-1146	1	TAIL LIGHT BRACKET
26	9136-5045	1	TAIL LIGHT ASSEMBLY, (includes the following seven items)
	9112-3065	1	TAIL LIGHT

Item	Part No.	Qty.	Description Of Part
	8666-1147	38"	WIRE, 16 GAUGE, (black)
	8666-1149	38"	WIRE, 16 GAUGE, (green)
	8666-1152	38"	WIRE, 16 GAUGE, (red)
	8668-3480	3	BUTT CONNECTOR
	8203-3996	45"	WIRE LOOM
	8668-3122	2	TIE WRAP
27	8820-1108	1	HEX HD CAPSCREW, 3/4-10X1-1/4, GR5
28	8856-1115	1	FLAT WASHER, 3/4
29	8855-1016	1	LOCKWASHER, 3/4
30	8096-3058	1	W. PACK CONNECTOR, (shroud)
31	9114-1364	1	JUMPER WIRE
32	7738-3410	1	RELAY
33	8832-1039	1	SELF TAPPING SCREW, #10-32X1/2
34	9114-3210	1	TAIL LIGHT HARNESS
35	7736-3268	2	FUSE, 15 AMP
36	8096-3062	1	W. PACK CONNECTOR, (shroud)
37	7738-3470	1	BOOT
38	9114-1259	2	JUMPER WIRE
39	9114-1197	1	MOUNTING TAB
40	9114-3117	1	STOPLIGHT SWITCH
41	7738-3467	1	LIGHT SWITCH
42	9114-3108	2	FUSE HOLDER
43		AR	WIRE LOOM, (use on all wires)
44	9136-3009	1	LIGHTS ON/OFF DECAL
45	9114-1266	1	JUMPER WIRE

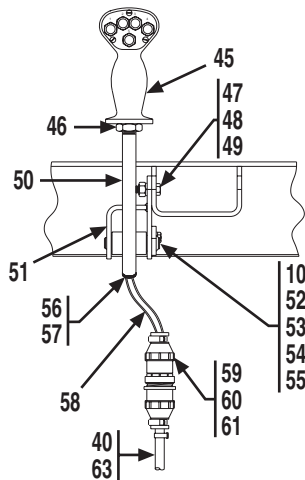


GRADALL®
MATERIAL HANDLER
534C-9/534C-10

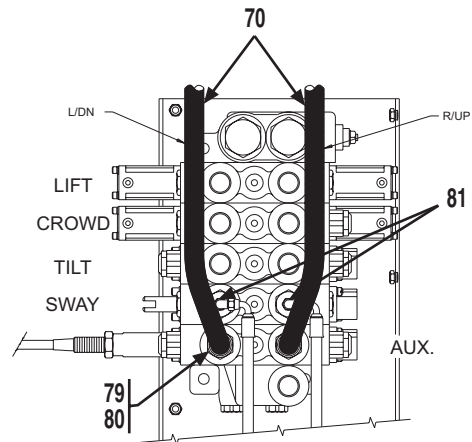
OPTIONAL EQUIPMENT
(9114-5022) Auxiliary Hydraulics W/Electric
534C-9 Starting Serial No. 0344001
534C-10 Starting Serial No. 0266001
Original Issue 9-94
Revised 7-31-06



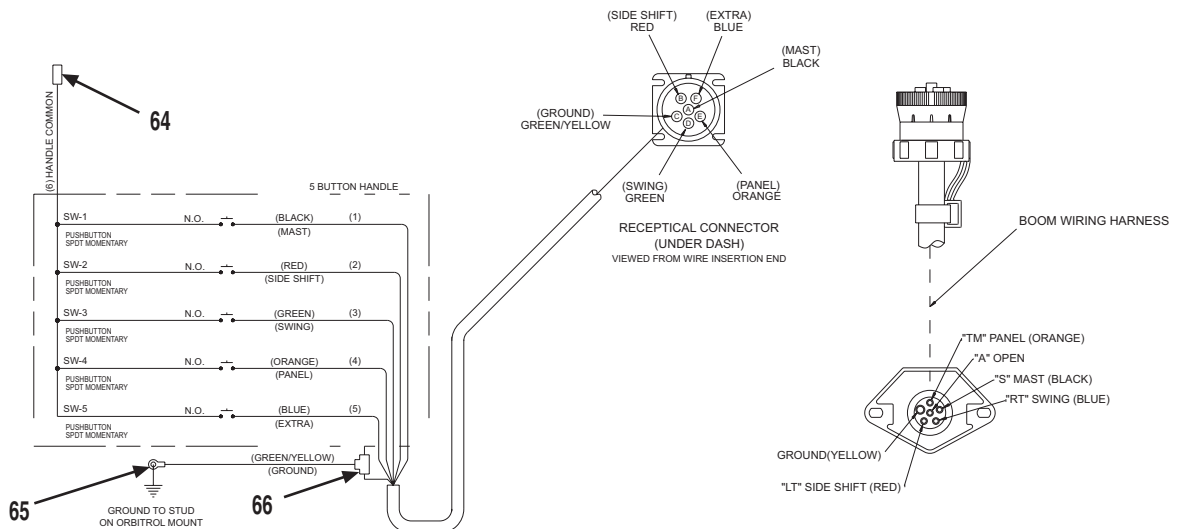
VIEW B-B



VIEW A-A



VIEW C-C

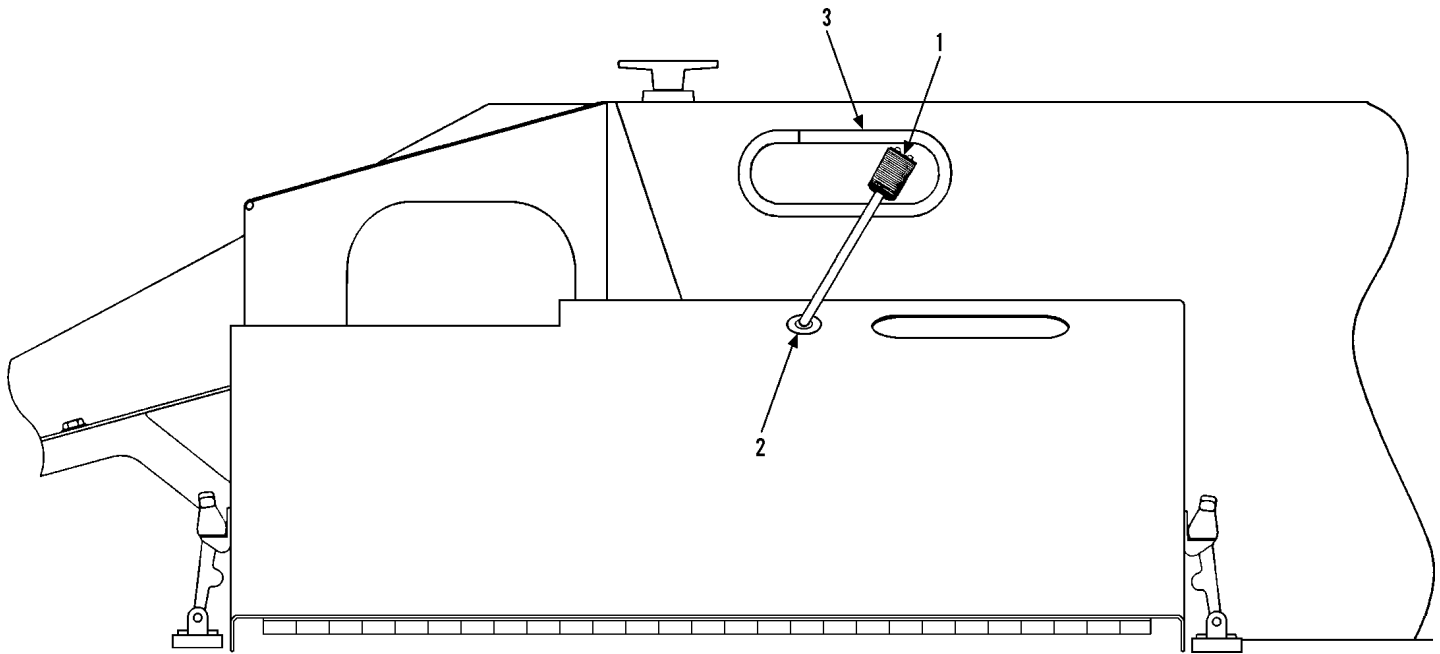


GRADALL®
MATERIAL HANDLER
534C -9/534C - 10

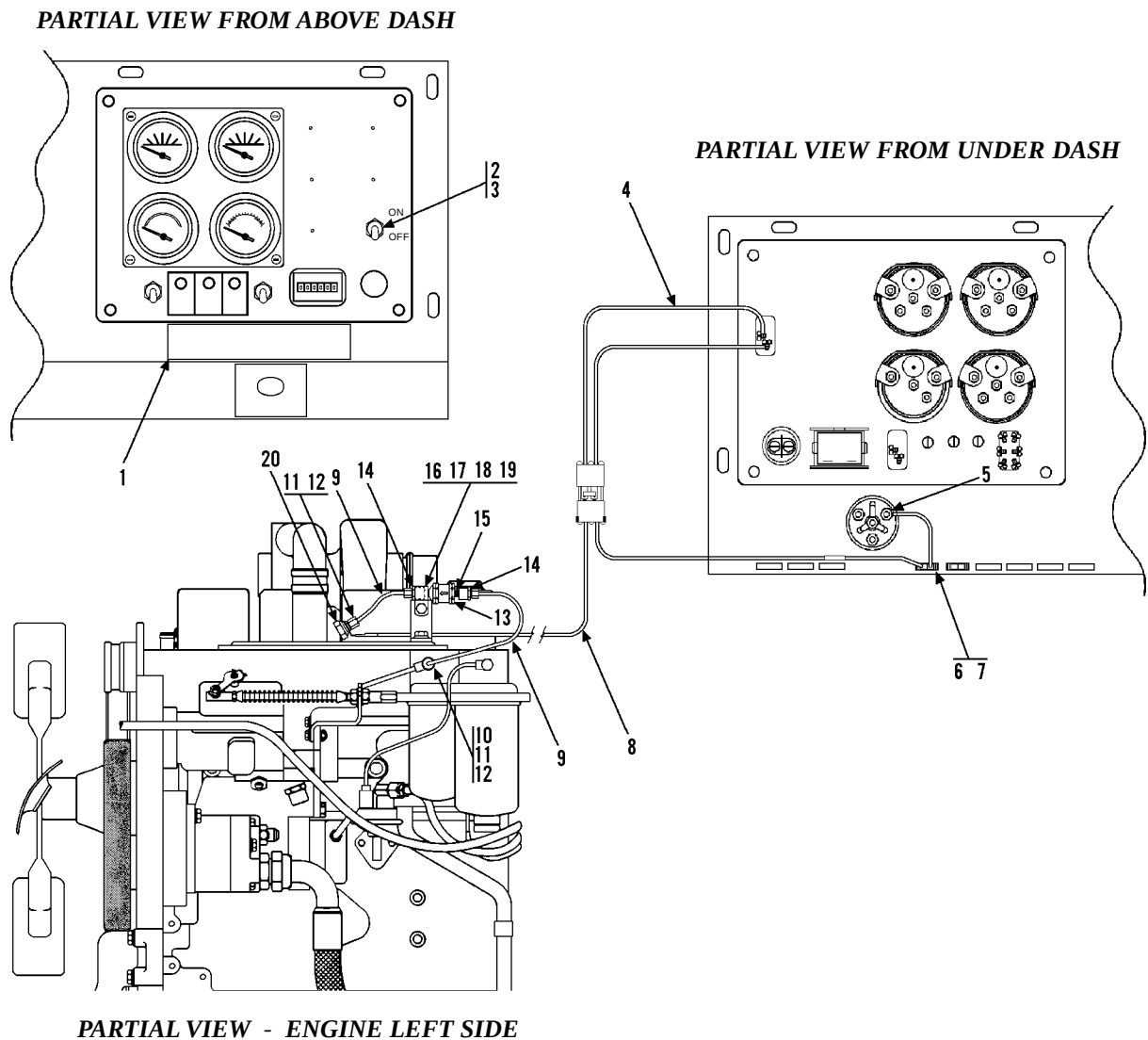
OPTIONAL EQUIPMENT
(9114-5022) Auxiliary Hydraulics W/Electric
534C-9 Starting Serial No. 0344001
534C-10 Starting Serial No. 0266001
Original Issue 9-94
Revised 7-31-06

Item	Part No.	Qty.	Description Of Part
	9114-5022	Ref	AUXILIARY HYDRAULICS W/ELEC, (includes all items)
1	9120-3039	5	SUPPORT CLAMP
2	8856-1107	5	FLAT WASHER, 1/4
3	8855-1009	5	LOCKWASHER, 1/4
4	8850-1004	5	HEX NUT, 1/4-20
5	9134-3212	2	HOSE SHEAVE
6	9114-3141	1	CORD CONNECTOR
7	9134-6011	1	BRACKET WELDMENT
8	9002-7176	2	STR THD BULKHEAD FITTING
9	8820-1020	2	HEX HD CAPSCREW, 5/16-18X1, GR5
10	8855-1010	6	LOCKWASHER, 5/16
11	8850-1005	3	HEX NUT, 5/16-18
12	8471-9019	2	HOSE ASSY
13	8471-9575	3	HOSE ASSY
14	9002-7180	2	90 DEGREE BULKHEAD FITTING
15	9136-6015	1	CABLE TAKE-UP WELDMENT
16	8820-1017	2	HEX HD CAPSCREW, 5/16-18X5/8, GR5
17	9112-6032	1	CABLE TAKE-UP SUPPORT
18	9116-6068	2	HOSE TAKE-UP WELDMENT
19	9112-3054	3	COMPRESSION SPRING
20	9112-1134	3	SPRING RETAINER
21	8850-1008	3	HEX NUT, 1/2-13
22	8850-1108	3	HEAVY HEX JAM NUT, 1/2-13
23	8471-8385	1	HOSE ASSY
24	9116-3138	1	MALE HYDRAULIC COUPLER
25	9104-3126	1	DUST CAP
26	9104-3321	2	STRAIGHT BULKHEAD FITTING
27	8871-2304	2	REDUCING BUSHING, 1/2X3/8
28	9116-3139	1	FEMALE HYDRAULIC COUPLER
29	9104-3125	1	DUST PLUG
30	9112-1139	1	RECEPTACLE BRACKET
31	9020-7661	1	CONTACT SOCKET
32	8820-1005	2	HEX HD CAPSCREW, 1/4-20X1, GR5
33	8852-1304	2	HEX LOCKNUT, 1/4-20
34	9020-7464	6	CUSHION CLAMP
35	9155-1037	2	SPACER
36	9134-3213	1	HOSE SHEAVE
37	9114-1144	1	RETRACTION SHEAVE PIN
38	8858-1149	1	EXTERNAL RETAINING RING
39	9104-1449	1	THRUST WASHER
40	9114-3105	1	AUXILIARY FRAME WIRING HARNESS
41	9114-3373	1	AUXILIARY BOOM WIRING HARNESS

Item	Part No.	Qty.	Description Of Part
42	8561-1274	5	WELD STUD
43	1440-4793	AR	MYSTIK TETRIMOLY GREASE
44	8471-8557	1	HOSE ASSY
45		Ref	5 BUTTON HANDLE, (see page 13-27 for details)
46	8850-1112	1	HEAVY HEX JAM NUT, 3/4-10
47	8820-1036	4	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5
48	8850-1006	4	HEX NUT, 3/8-16
49	8855-1011	4	LOCKWASHER, 3/8
50	9112-6024	1	LEVER WELDMENT
51	9112-6025	1	LEVER BRACKET
52	9112-6027	1	PIN WELDMENT
53	9108-3136	2	BUSHING
54	8820-1018	2	HEX HD CAPSCREW, 5/16-18X3/4, GR5
55	9002-8662	2	WAVE BEND WASHER
56	9112-3051	1	MOLDED RUBBER BUSHING
57	1440-2248	AR	3M ADHESIVE
58		12"	LOOM, 5/16 I.D.
59	7736-3232	1	RECEPTACLE CONNECTOR
60	7736-3228	6	PIN CONTACT
61	9114-3107	1	STRAIN RELIEF
62	9103-3394	1	AUXILIARY CONTROL DECAL
63	9002-7187	9	TY-RAP, (ty-rap wiring harness to steering hoses)
64	8698-3193	1	MALE BULLET
65	9103-3391	1	INSULATED RING TERMINAL
66	9002-8968	1	CONNECTOR
67	9020-7463	2	CUSHION CLAMP, 3/4
68	9114-3040	1	TUBE ASSY
69	9114-3039	1	TUBE ASSY
70	8471-8384	2	HOSE ASSY
71		Ref	MAIN CONTROL VALVE, (see page 13-15 for details)
72	9112-3062	1	CABLE ADAPTER BONNET
73	9112-3050	1	PUSH-PULL CABLE
74	8882-1002	1	ADJ. YOKE END, 1/4-28
75	8863-3001	1	YOKE PIN, 1/4
76	8863-1302	1	COTTER PIN, 1/16X3/4
77	8850-1404	1	HEX JAM NUT, 1/4-28
78	9112-6023	1	CABLE BRACKET WELDMENT
79	8866-2022	2	CONNECTOR, (includes item 80)
80	8859-1207	2	O-RING
81	8866-2103	2	ELBOW, 90 DEGREES, (swivel nut)

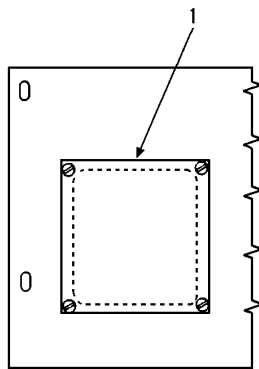


Item	Part No.	Qty.	Description Of Part
	9114-5032	1	VANDAL KIT (includes all items)
1	9108-3365	1	PADLOCK
2	8696-1044	2	RUBBER GROMMET
3	9020-6194	12"	TRIM LOCK

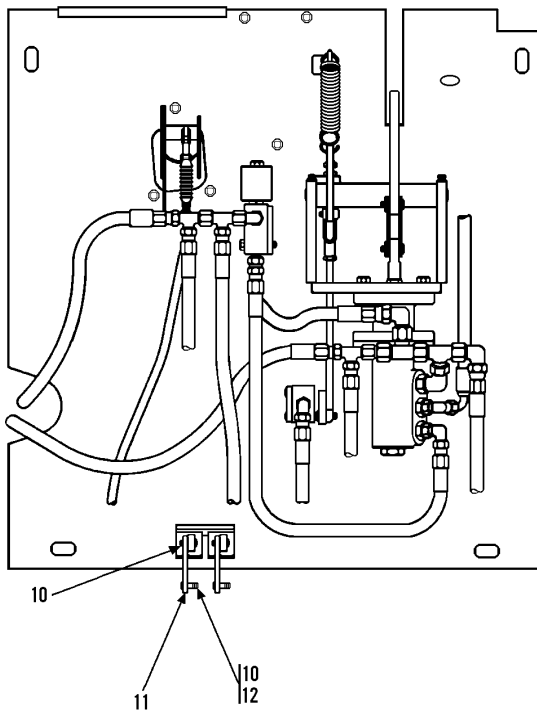
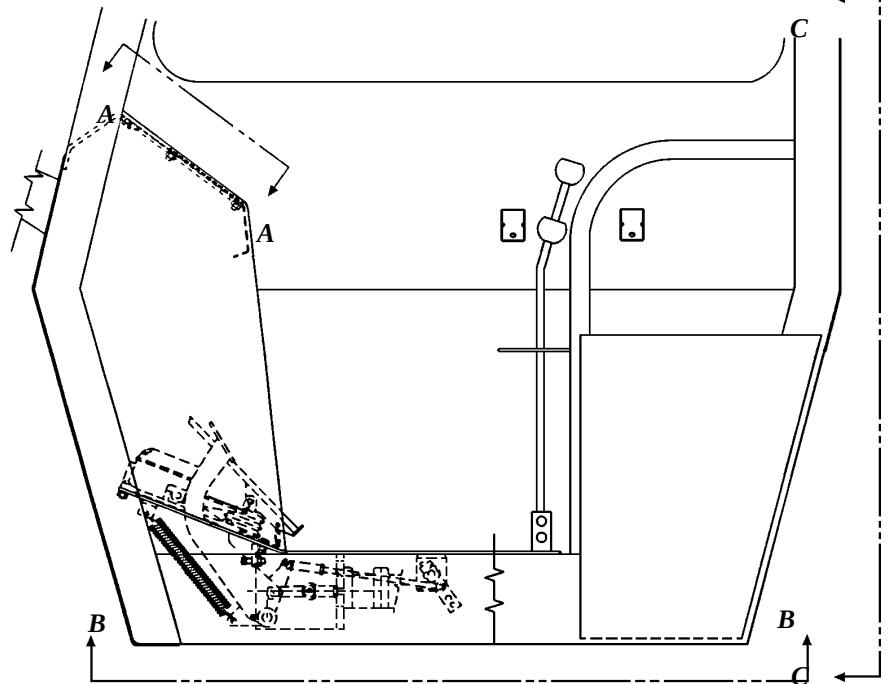


Item	Part No.	Qty.	Description Of Part
	9114-5033	1	GLOW PLUG INSTALLATION (includes all items)
1	9114-3164	1	INSTRUCTION DECAL
2	9114-3163	1	TOGGLE SWITCH
3	7738-3470	1	BOOT
4	9114-5034	1	WIRING HARNESS
5	8698-3190	1	#10 EYELET
6	9114-3108	1	FUSE HOLDER
7	7736-3268	1	15 AMP FUSE
8	9114-5035	1	WIRING HARNESS
9	9108-1676	1	STEEL TUBE (cut & bend as req'd.)
10	9108-3374	1	BANJO CONNECTOR

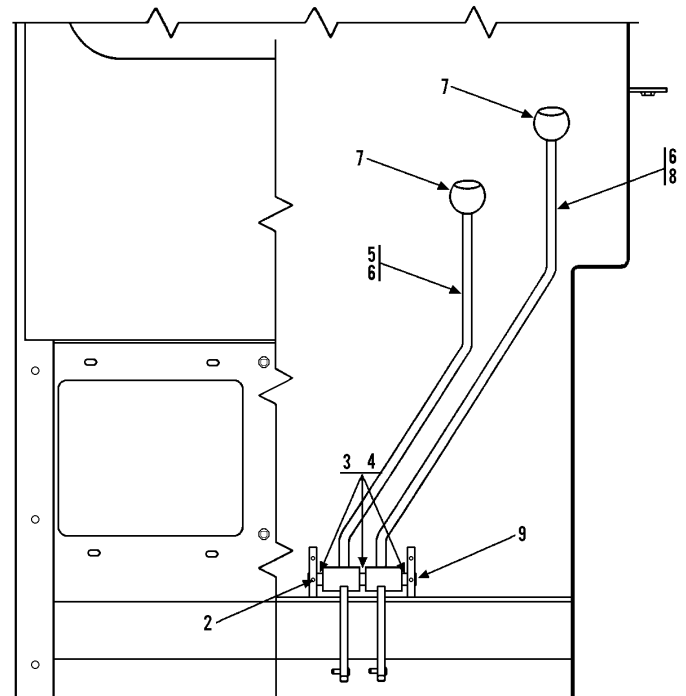
Item	Part No.	Qty.	Description Of Part
11	9108-3375	2	OLIVE
12	9108-3371	2	TUBE NUT
13	8668-3330	1	FUEL CHECK VALVE
14	9108-3380	2	BRASS ADAPTER (includes nut & sleeve)
15	8870-1002	1	CLOSE NIPPLE
16	9108-1582	1	SUPPORT BRACKET
17	2486-1170	1	CLIP
18	8820-1016	1	HEX HD CAPSCREW, 5/16-18X1/2, GR5
19	8855-1010	1	LOCKWASHER, 5/16
20	9108-3372	1	THERMOSTART



PARTIAL VIEW A-A



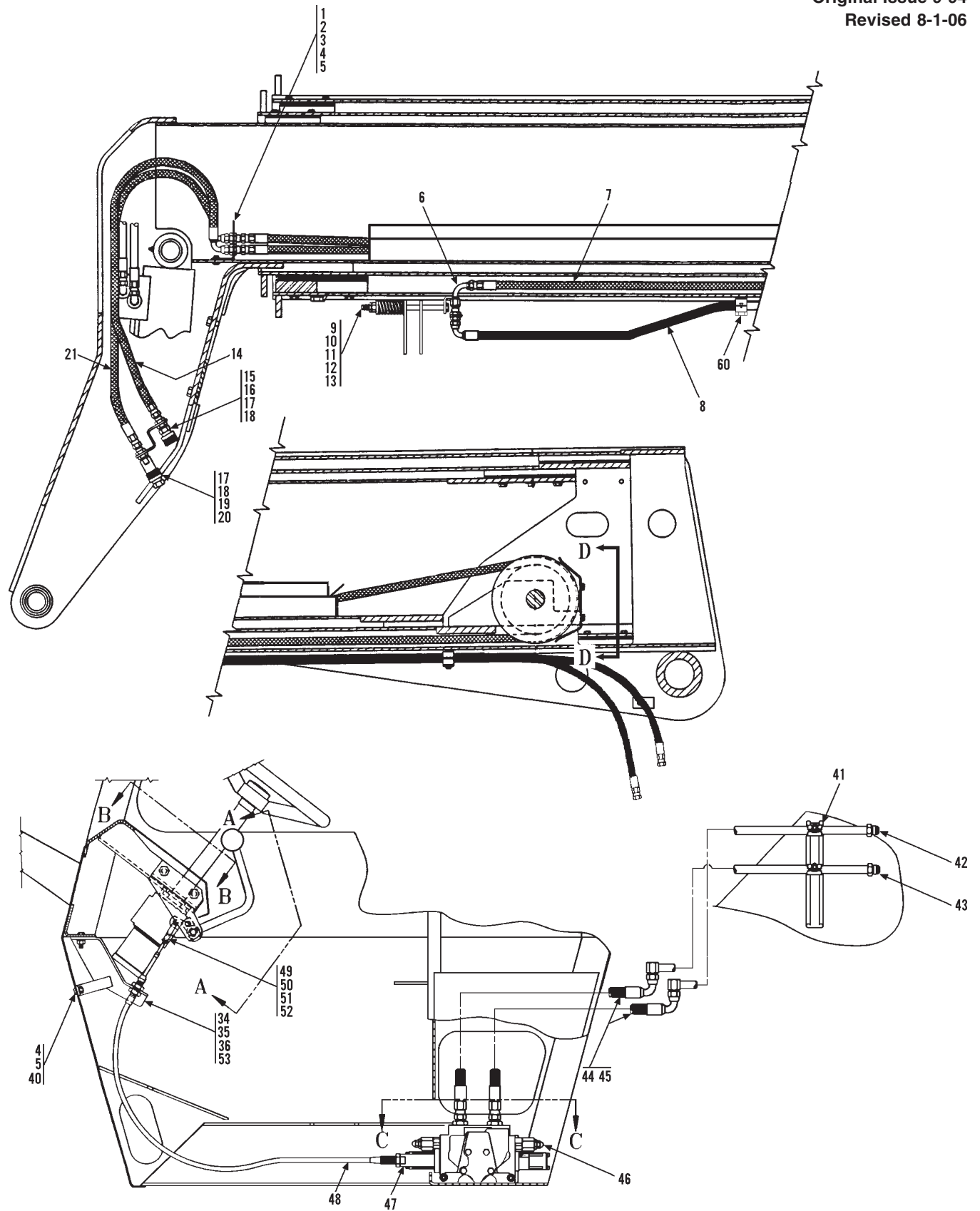
VIEW B-B



VIEW C-C

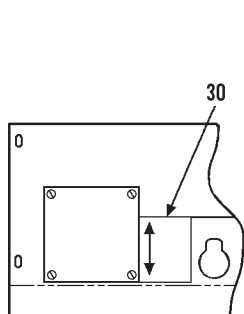
Item	Part No.	Qty.	Description Of Part
	9114-5036	Ref	R.H. Tilt/Sway
1	9108-1480	1	COVER PLATE
2	8863-1338	1	COTTER PIN
3	9002-8662	3	WAVE BEND WASHER
4	8856-1113	9	WASHER, 5/8
5	9114-6043	1	SWAY LEVER

Item	Part No.	Qty.	Description Of Part
6	9108-3136	4	BUSHING
7	9020-0638	2	KNOB
8	9114-6042	1	TILT LEVER
9	9108-1354	1	SHAFT
10	8863-1301	4	COTTER PIN
11	9114-1224	2	ROD LINKAGE
12	9002-1552	2	CLEVIS PIN

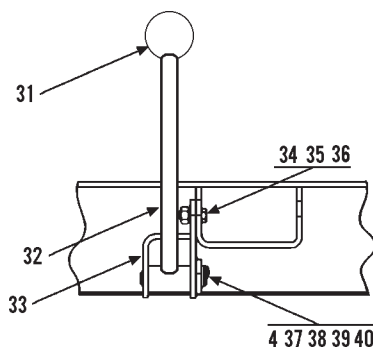


GRADALL®
MATERIAL HANDLER
534C-9/534C-10

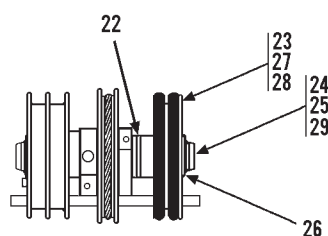
OPTIONAL EQUIPMENT
(9114-5047) Auxiliary Hydraulics Assembly
(9114-5054) Auxiliary Hydraulics Inst. Kit
534C-9 Starting Serial No. 0344001
534C-10 Starting Serial No.0266001
Original Issue 9-94
Revised 8-1-06



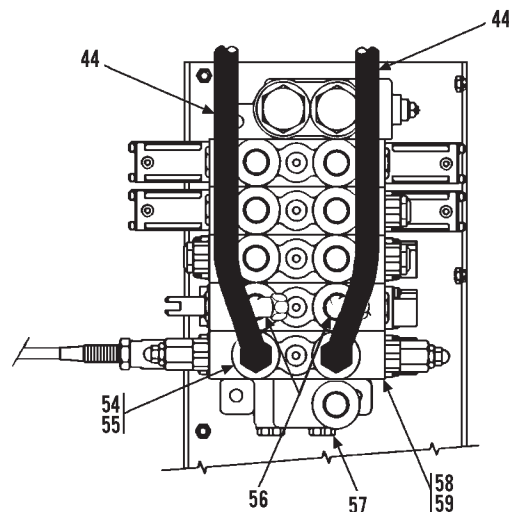
VIEW B-B



VIEW A-A



VIEW D-D



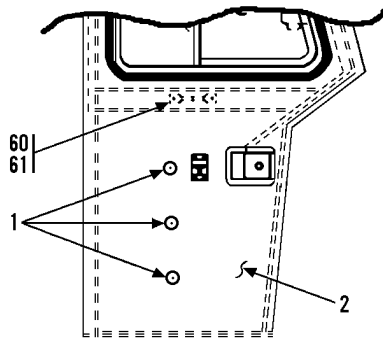
VIEW C-C

Item	Part No.	Qty.	Description Of Part
	9114-5047	Ref	AUXILIARY HYDRAULICS ASSY, (includes all items except items 57, 58 & 59)
	9114-5054	Ref	AUXILIARY HYDRAULICS INST. KIT, (includes all items)
1	9114-1210	1	BULKHEAD BRACKET
2	9002-7176	2	STRAIGHT BULKHEAD FITTING
3	8820-1020	2	HEX HD CAPSCREW, 5/16-18X1, GR5
4	8855-1010	4	LOCKWASHER, 5/16
5	8850-1005	3	HEX NUT, 5/16-18
6	9002-7180	2	90 DEGREE BULKHEAD FITTING
7	8471-9575	2	HOSE ASSY
8	8471-9019	2	HOSE ASSY
9	9116-6068	2	HOSE TAKE-UP WELDMENT
10	9112-3054	2	COMPRESSION SPRING
11	9112-1134	2	SPRING RETAINER
12	8850-1008	2	HEX NUT, 1/2-13
13	8850-1108	2	JAM NUT, 1/2-13
14	8471-8385	1	HOSE ASSY
15	9116-3138	1	MALE HYDRAULIC COUPLER
16	9104-3126	1	DUST CAP
17	9104-3321	2	STRAIGHT BULKHEAD FITTING
18	8871-2304	2	REDUCING BUSHING, 1/2X3/8
19	9116-3139	1	FEMALE HYDRAULIC COUPLER
20	9104-3125	1	DUST PLUG
21	8471-8557	1	HOSE ASSY
22	9155-1037	2	SPACER
23	9134-3213	1	HOSE SHEAVE
24	9114-1144	1	RETRACTION SHEAVE PIN
25	8858-1149	1	EXTERNAL RETAINING RING
26	9104-1449	1	THRUST WASHER
27	9134-3212	1	HOSE SHEAVE
28	9134-3215	1	SPACER
29	1440-4793	AR	UNION 76 MEGAPLEX GREASE

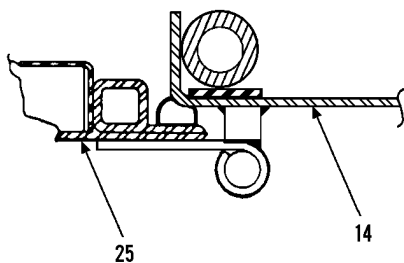
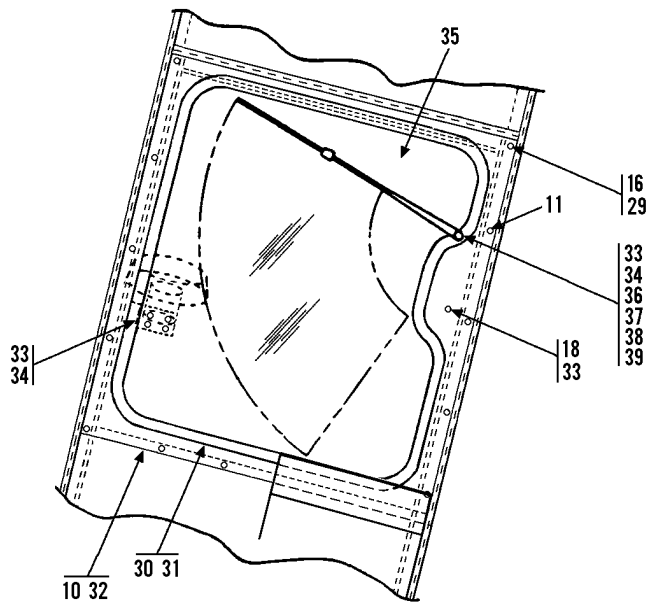
Item	Part No.	Qty.	Description Of Part
30	9103-3417	1	AUXILIARY CONTROL DECAL
31	9020-0299	1	KNOB
32	9112-6026	1	HANDLE WELDMENT
33	9112-6025	1	LEVER BRACKET
34	8820-1036	4	HEX HD CAPSCREW, 3/8-16X1-1/4, GR5
35	8850-1006	4	HEX NUT, 3/8
36	8855-1011	4	LOCKWASHER, 3/8
37	9112-6027	1	PIN WELDMENT
38	9108-3136	2	BUSHING
39	9002-8662	2	WAVE BEND WASHER
40	8820-1018	2	HEX HD CAPSCREW, 5/16-18X3/4, GR5
41	9020-7463	2	CUSHION CLAMP
42	9114-3040	1	TUBE ASSY
43	9114-3039	1	TUBE ASSY
44	8471-8384	2	HOSE ASSY
45	9002-7187	5	TY-RAP
46		Ref	MAIN CONTROL VALVE, (see page 13-15 for details)
47	9112-3062	1	CABLE ADAPTER BONNET
48	9112-3050	1	PUSH-PULL CABLE
49	8882-1002	1	ADJ. YOKE END, 1/4-28
50	8863-3001	1	YOKE PIN, 1/4
51	8863-1302	1	COTTER PIN, 1/16X3/4
52	8850-1404	1	HEX JAM NUT, 1/4-28
53	9112-6023	1	CABLE BRACKET WELDMENT
54	8866-2022	2	CONNECTOR, (includes item 55)
55	8859-1207	2	O-RING
56	8866-2103	2	ELBOW, 90 DEGREES, (swivel nut)
57	9103-4070	1	STUD KIT
58	9114-4194	1	AUXILIARY VALVE SECTION
59	9114-4254	2	SEAL KIT
60	9020-7464	6	CUSHION CLAMP

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534C-9/534C-10

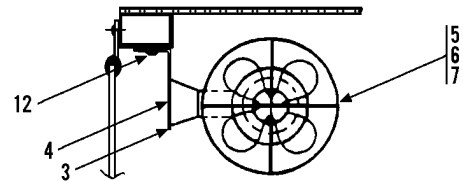
OPTIONAL EQUIPMENT
(9114-5050) Cab Enclosure
 Starting Serial No. 0344001
 Starting Serial No. 0266001
 Original Issue 9-94
 Revised 5-7-97



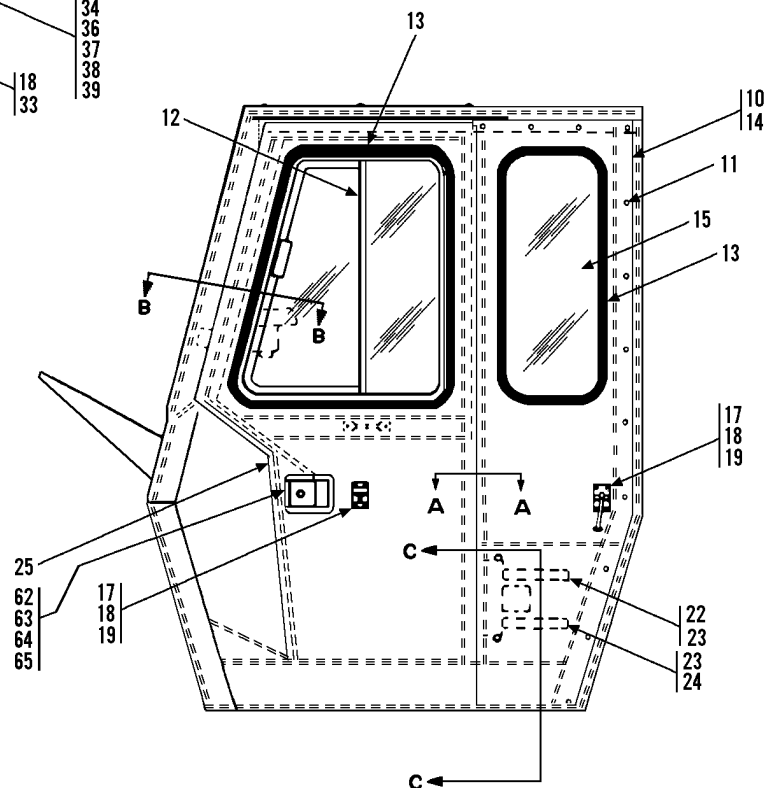
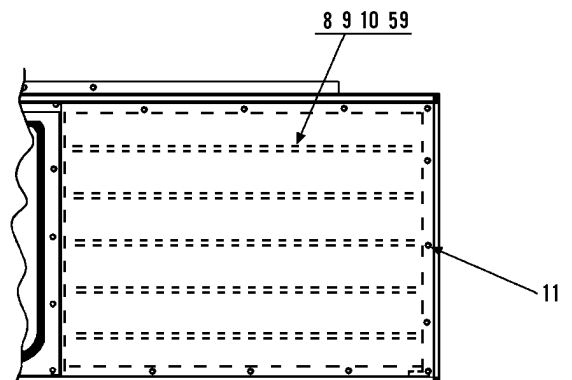
VIEW OF INSIDE OF CAB DOOR



VIEW A-A

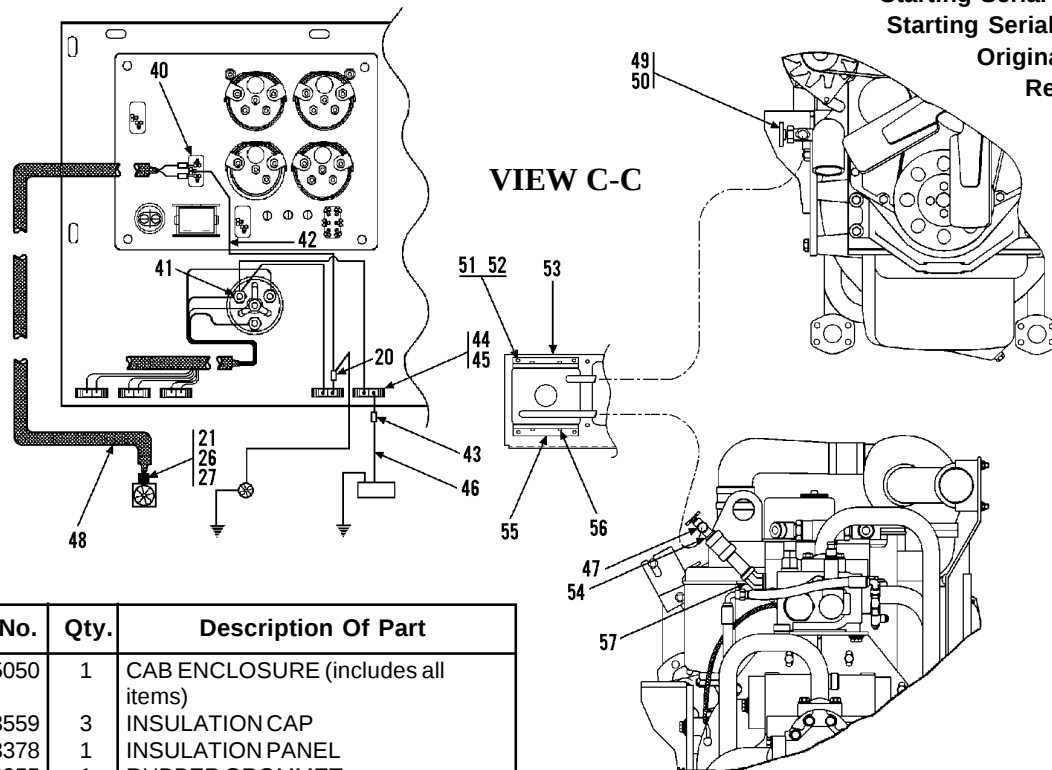


VIEW B-B



GRADALL®
MATERIAL HANDLER
534C-9/534C-10

OPTIONAL EQUIPMENT
(9114-5050) Cab Enclosure
 Starting Serial No. 0344001
 Starting Serial No.0266001
 Original Issue 9-94
 Revised 5-7-97

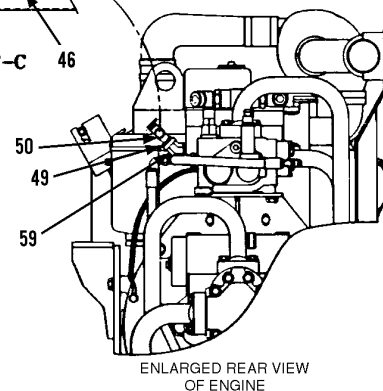
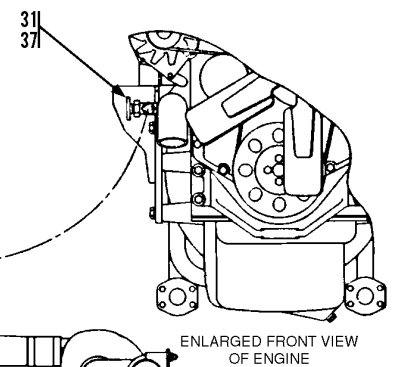
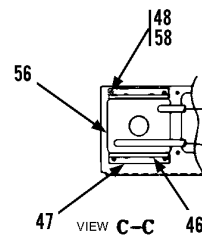
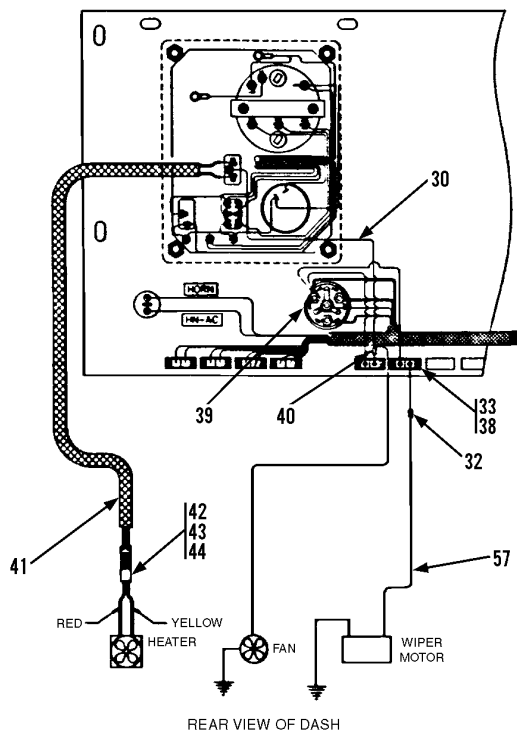
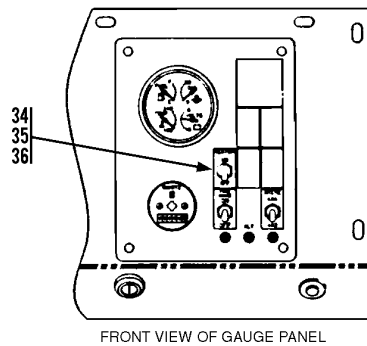
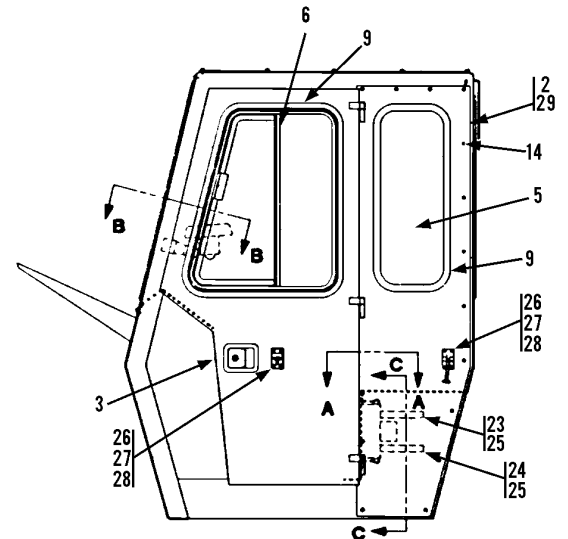
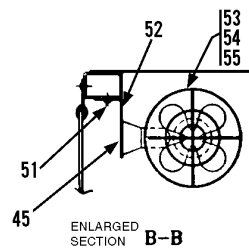
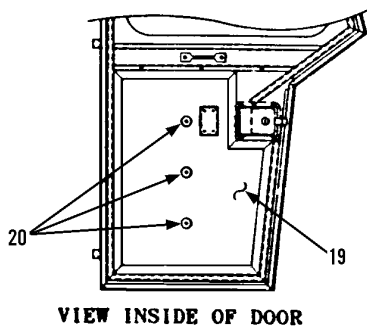
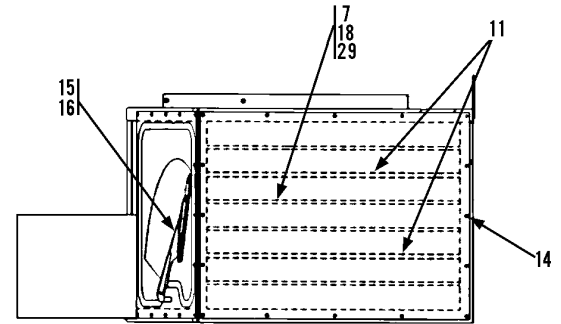
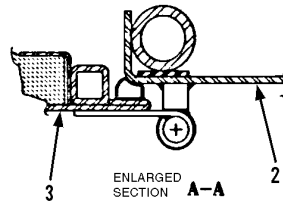
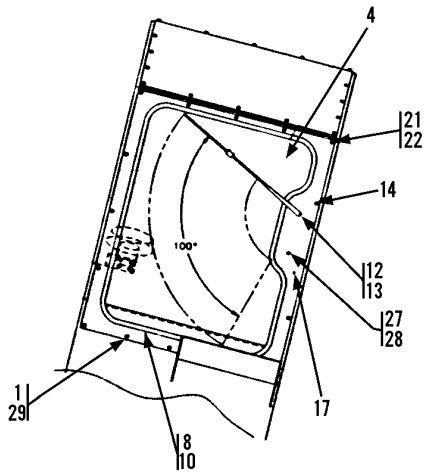


Item	Part No.	Qty.	Description Of Part
	9114-5050	1	CAB ENCLOSURE (includes all items)
1	9105-3559	3	INSULATION CAP
2	9108-3378	1	INSULATION PANEL
3	9002-9955	1	RUBBER GROMMET
4	9108-1499	1	MOUNTING ANGLE
5	9020-0680	1	DEFROSTER FAN
6	8821-1030	4	HEX HD CAPSCREW, 5/16-18X3-1/2 GR5
7	7714-3017	4	WHIZ-LOK NUT, #10-24
8		Ref	TOP WINDOW (see page 2-4 for details)
9	9114-3190	AR	GASKA-TAPE
10	1440-3190	AR	VULKEM CAULK
11	9002-7319	43	SELF-TAPPING SCREW, 1/4-20X1
12		Ref	DOOR SLIDING WINDOW (see page 2-4 for details)
13	8366-1145	14'	WEATHER STRIP
14	9108-6115	2	LEFT SIDE WINDOW FRAME
15		Ref	LEFT SIDE WINDOW (see page 2-4 for details)
16	8820-1001	5	HEX HD CAPSCREW, 1/4-20X1/2, GR5
17	9108-1545	1	DOOR HOLDER
18	7714-3016	9	WHIZ-LOK SCREW, #10-24X3/4
19	7714-3017	9	HEX NUT, #10-32
20	8348-3078	1	CRIMP ON CONNECTOR
21	8096-3058	1	SHROUD
22	9020-6169	1	HEATER HOSE
23	8668-3193	4	HOSE CLAMP
24	9114-1459	1	HEATER HOSE
25	9108-5057	1	CAB DOOR (includes 60 thru 65)
26	8096-3069	1	MALE PIN TERMINAL
27	8096-3067	2	CABLE SEAL
29	8856-1107	5	WASHER, 1/4
30	9108-3348	10'	CHANNEL MOULDING
31	9108-3392	10'	RELEASE FILLER STRIP (locate release cord just below wiper motor with knot located at loose end of cord)
32	9114-1332	1	FRONT WINDOW FRAME
33	9105-3419	3	TY-RAP
34	8368-3181	3	TY-RAP BASE

Item	Part No.	Qty.	Description Of Part
35		Ref	FRONT WINDOW (see page 2-4 for details)
36	9020-6023	1	WIPER MOTOR
37	9002-7214	2	BUTTON GROMMET
38	9103-3464	1	WINDSHIELD WIPER ARM
39	9103-3465	1	WIPER BLADE, 15"
40	7738-3744	1	HEATER SWITCH
41	8698-3188	1	RING TERMINAL
42	9108-1680	1	JUMPER WIRE
43	8668-3480	1	CRIMP ON CONNECTOR
44	9114-3108	2	FUSE HOLDER
45	7736-3268	2	15 AMP FUSE
46	9114-1374	1	JUMPER WIRE
47	2464-1328	1	SHUT-OFF VALVE
48	9112-3125	1	HEATER HARNESS
49	7738-3540	1	ORIFICE
50	9108-3155	1	TRUCK VALVE
51	7714-3004	4	WHIZ-LOK SCREW
52	7714-3006	4	WHIZ-LOK NUT
53	9104-3429	1	HEATER
54	8871-1383	1	PIPE BUSHING, 1/2X3/8
55	9103-1521	2	HEATER MOUNTING BRACKET
56	8820-1005	4	HEX HD CAPSCREW, 1/4-20X1, GR5
57	8871-2034	1	STREET ELBOW, 1/2X45
58	9108-3376	1	EMERGENCY EXIT DECAL (not shown)(located on corner post of cab next to emergency release cord)
59	9114-3220	78'	TRIM - LOK
*60	9020-3840	1	PULL HANDLE (on inside of door)
*61	8832-1039	2	SELF TAPPING SCREW
*62	9108-3263	1	FLUSH LOCK
*63	8830-1070	4	RD.HD. MACHINE SCREW, #8-32X1/2"
*64	8852-1604	4	LOCKNUT, #8-32
*65	8856-1104	4	FLAT WASHER, #8

GRADALL®
MATERIAL HANDLER
534C-9/534C-10

OPTIONAL EQUIPMENT
(9114-5096) Cab Enclosure
 Starting Serial No. 0444003
 * Starting Serial No. 0266107
 Original Issue 8-97
 Revised 11-26-97



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MATERIAL HANDLER
534C-9/534C-10

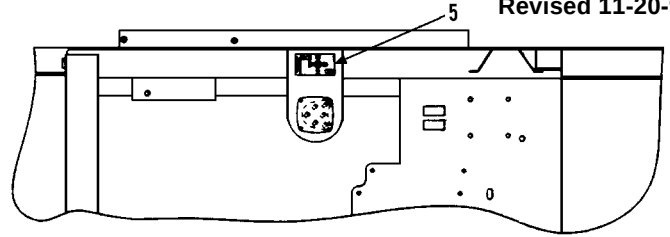
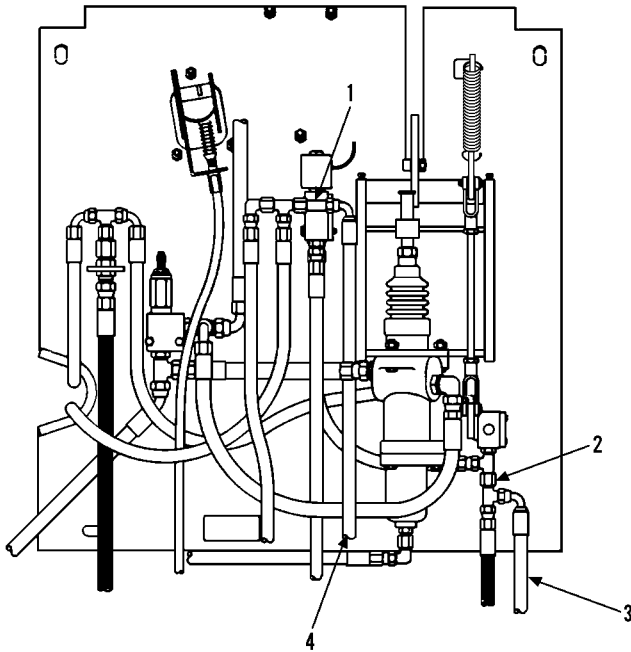
OPTIONAL EQUIPMENT
(9114-5096) Cab Enclosure
 Starting Serial No. 0444003
 * Starting Serial No. 0266107
 Original Issue 8-97
 Revised 11-26-97

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-5096	1	CAB ENCLOSURE (includes all items)	29	1440-3190	AR	VULKEM CAULK
1	9114-1332	1	FRONT WINDOW FRAME	30	9108-1680	1	JUMPER WIRE
2	9108-6115	1	LEFT SIDE WINDOW FRAME	31	9108-3155	1	TRUCK VALVE
3	9108-5057	1	CAB DOOR ASSY	32	8668-3480	1	CRIMP-ON CONNECTOR
4	9108-3450	1	FRONT WINDOW	33	9114-3108	2	FUSE HOLDER
5	9108-3434	1	LEFT SIDE WINDOW	34	9114-3361	2	HEATER DECAL
6	9130-3067	1	DOOR SLIDING WINDOW	35	7738-3470	2	BOOT
7	9114-3090	1	TOP WINDOW	36	7738-3744	2	TOGGLE SWITCH
8	9108-3392	10'	RELEASE FILLER STRIP	37	7738-3540	1	COOLANT RESTRICTOR ORIFICE
9	8366-1145	14'	WEATHER STRIP	38	7736-3268	2	15-AMP FUSE
10	9108-3348	10'	CHANNEL MOLDING	39	8698-3188	1	RING TERMINAL
11	9114-3220	78"	TRIM-LOK	40	8348-3078	1	CRIMP-ON CONNECTOR
12	9020-6023	1	WIPER MOTOR	41	9112-3125	1	HEATER HARNESS
13	9002-7214	2	BUTTON GROMMET	42	8096-3058	1	SHROUD
14	9002-7319	41	SELF TAPPING SCREW, 1/4-20X1	43	8096-3069	2	MALE PIN TERMINAL
15	9103-3464	1	WINDSHIELD WIPER ARM	44	8096-3067	2	CABLE SEAL
16	9103-3465	1	15" WIPER BLADE	45	9002-9955	1	RUBBER GROMMET
17	9108-3376	1	EMERGENCY EXIT DECAL	46	8820-1005	4	HEX HD CAPSCREW, 1/4-20X1, GR5
18	9114-3190	12.2'	GASKA-TAPE	47	9103-1521	2	HEATER MTG. BRACKET
19	9108-3378	1	INSULATION PANEL	48	7714-3006	4	WHIZ LOCK NUT
20	9105-3559	3	PUSH ON INSULATION CAP	49	8871-1383	1	REDUCING BUSHING, 1/2X3/8
21	8820-1001	5	HEX HD CAPSCREW, 1/4-20X1/2, GR5	50	2464-1328	1	SHUT OFF VALVE
22	8856-1107	5	FLAT WASHER, 1/4	51	9002-7319	2	SELF TAPPING SCREW, 1/4-20X1
23	9020-6169	1	HEATER HOSE	52	9108-1499	1	MOUNTING ANGLE
24	9114-1459	1	HEATER HOSE	53	9020-0680	1	FAN
25	8668-3193	4	HOSE CLAMP	54	8821-1030	4	SOCKET HD CAPSCREW, #10-24X3/4, GR8
26	9108-1545	1	DOOR HOLDER	55	7714-3017	4	WHIZ LOCK NUT, #10-24
27	7714-3016	9	WHIZ LOCK SCREW, #10-24X3/4	56	9104-3429	1	HEATER
28	7714-3017	9	WHIZ LOCK NUT, #10-24	57	9114-1374	1	JUMPER WIRE
				58	7714-3004	4	WHIZ LOCK SCREW
				59	8871-2034	1	STREET ELBOW 45 DEGREES, 1/2

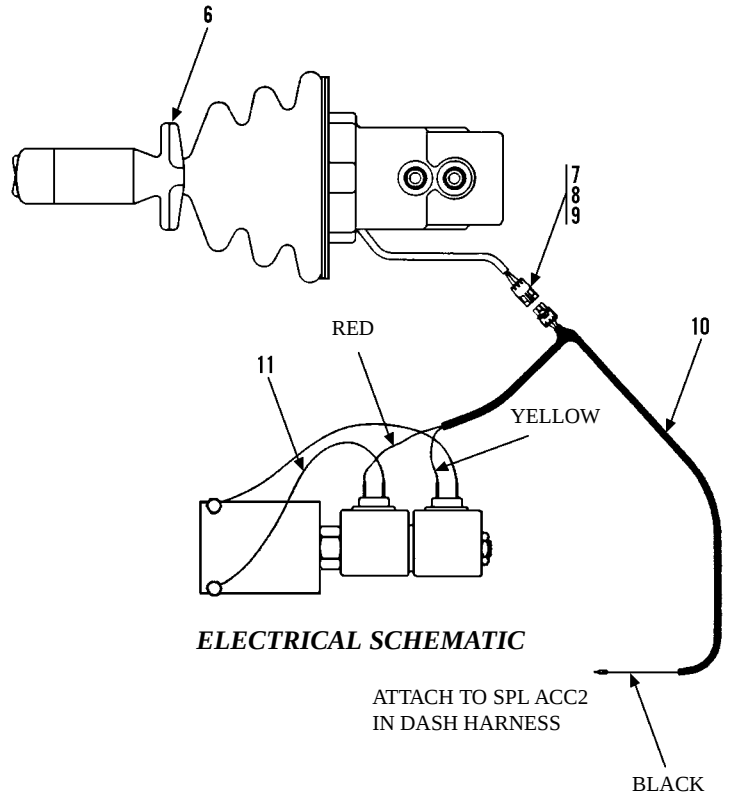
GRADALL®
MATERIAL HANDLER
534C-9/534C-10

OPTIONAL EQUIPMENT
(9114-5116) Tilt On Joystick
 Starting Serial No. 0344001
 Starting Serial No. 0266001
 Original Issue 9-94
 Revised 11-20-95

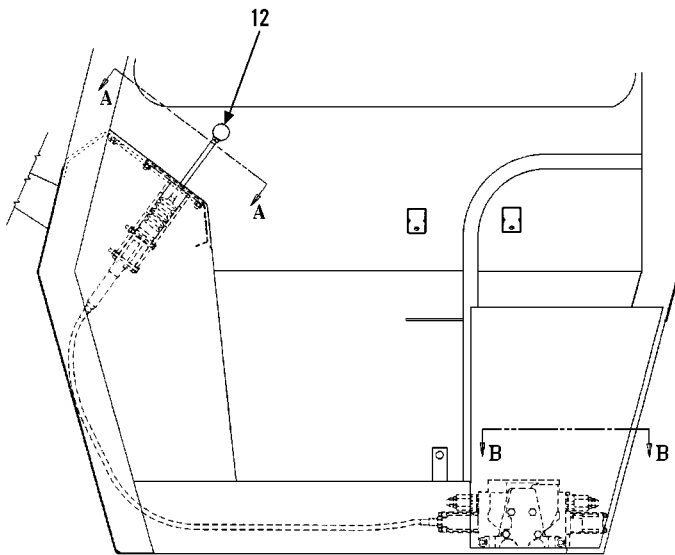
BOTTOM VIEW OF FLOOR PLATE



VIEW INSIDE CAB

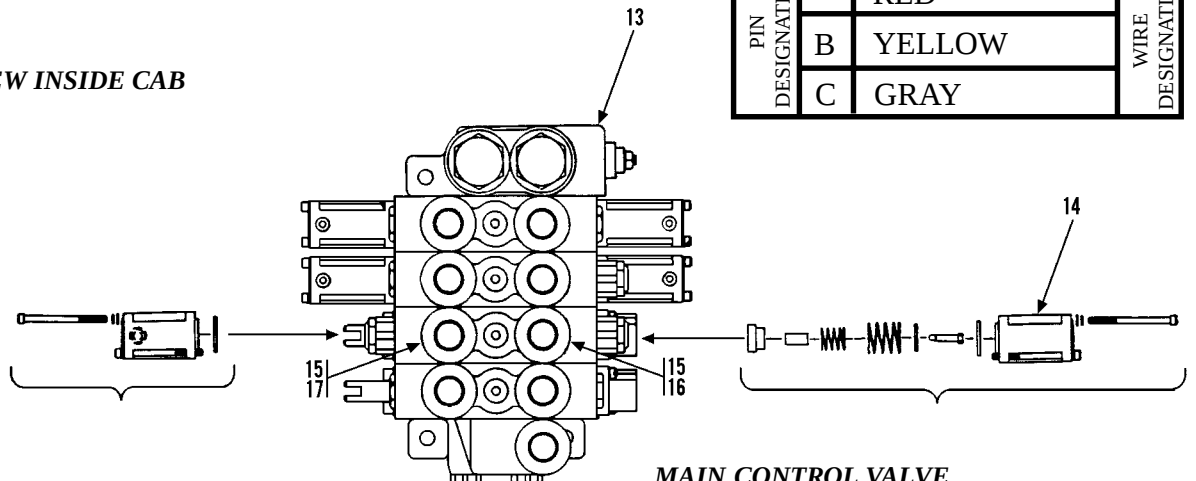


ELECTRICAL SCHEMATIC



VIEW INSIDE CAB

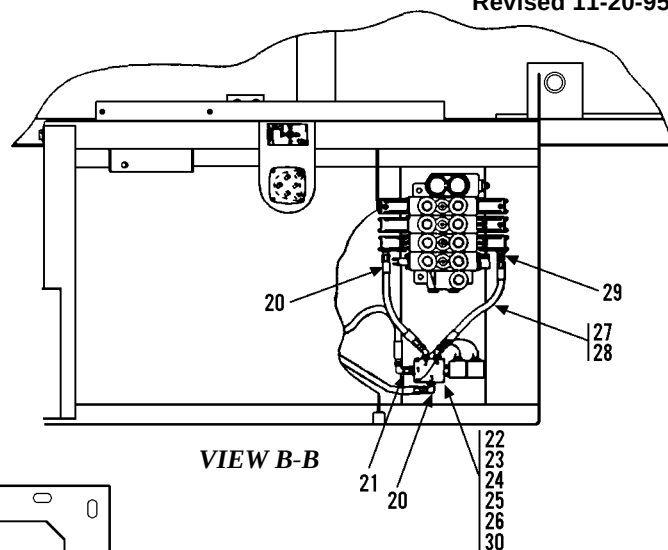
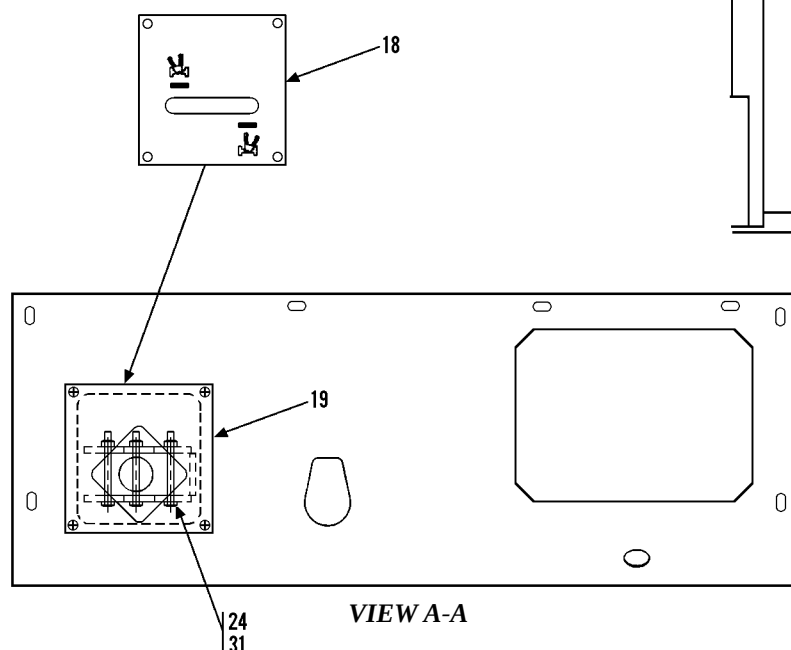
WEATHER PACK SHROUD (3-WIRE) #1201-0717			
PIN DESIGNATION	A	RED	WIRE DESIGNATION
	B	YELLOW	
	C	GRAY	



MAIN CONTROL VALVE

GRADALL®
MATERIAL HANDLER
534C-9/534C-10

OPTIONAL EQUIPMENT
(9114-5116) Tilt On Joystick
 Starting Serial No. 0344001
 Starting Serial No. 0266001
 Original Issue 9-94
 Revised 11-20-95



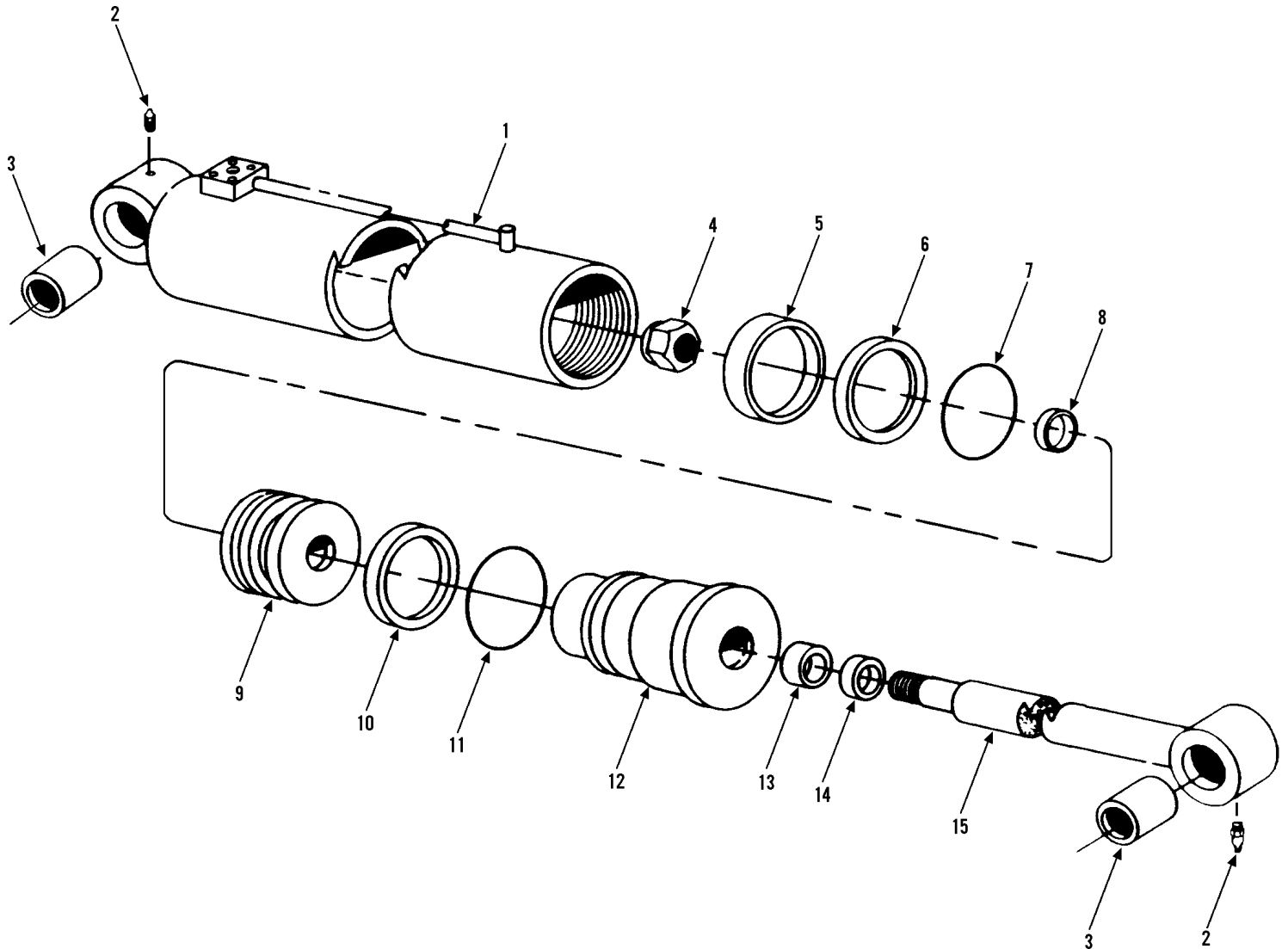
*

NOTE: Customers who desire more "feel" in the control of the tilt cylinder function can restore the manual functioning by purchasing the following kits:

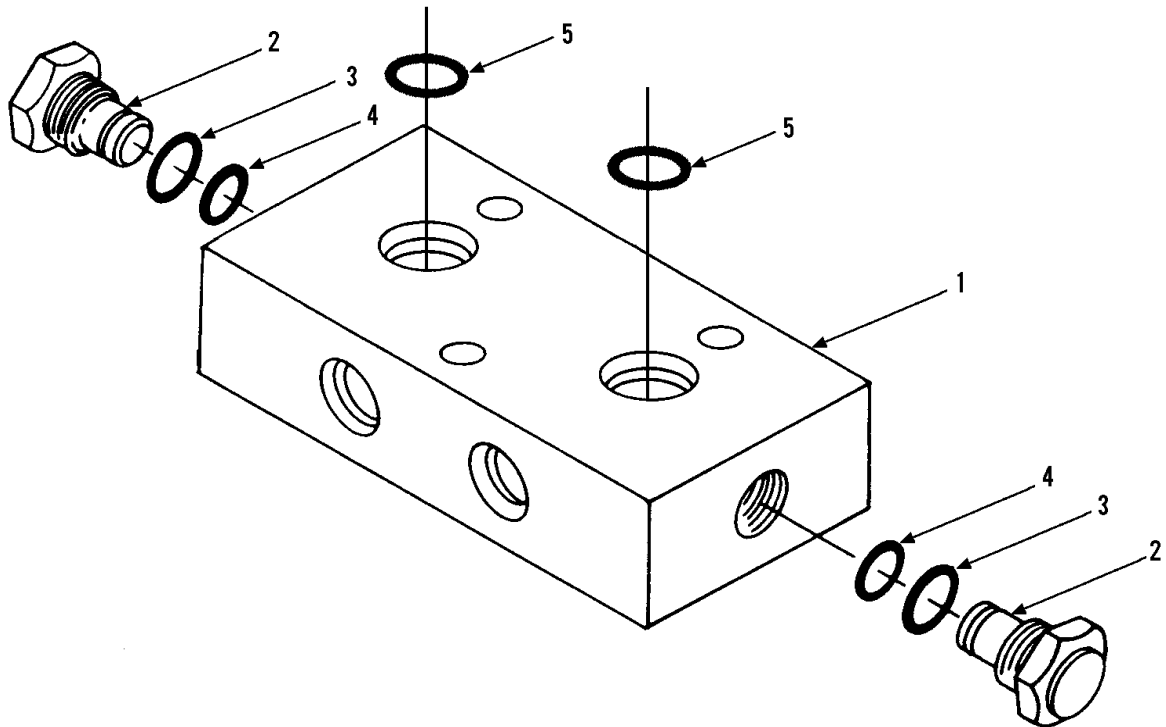
(1) 9114-4265 Valve positioner kit
 (1) 9114-4264 Spool retainer kit
 (2) 9114-4263 Spool seal kit

See page 10-14 for more details on these kits.

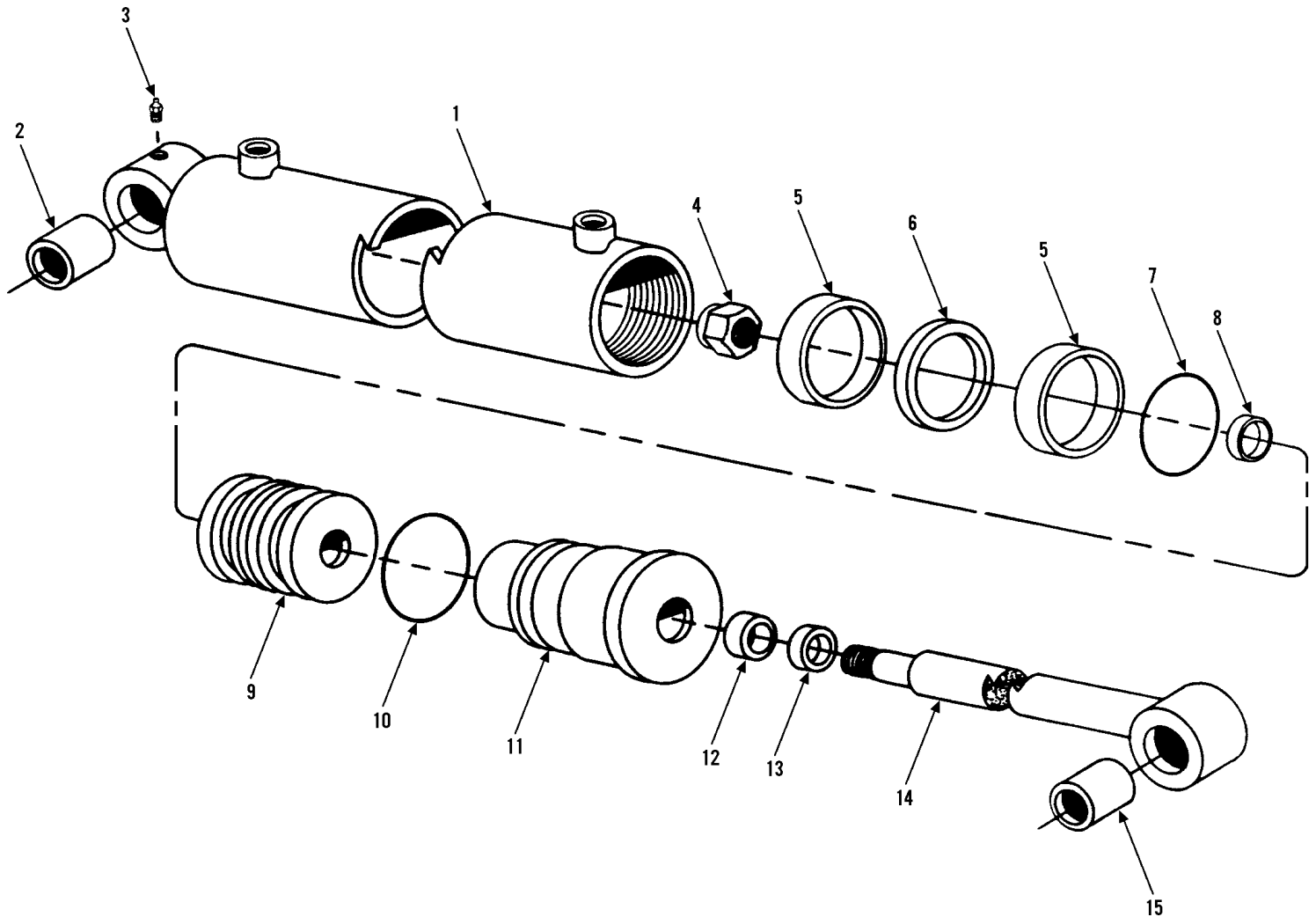
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-5116	Ref	TILT ON JOYSTICK (includes all items except items 6 & 13)	16	9114-3146	1	PORT RESTRICTOR (.109)
1	8866-2152	1	BRANCH TEE (includes o-ring)	17	9114-3147	1	PORT RESTRICTOR (.095)
	8859-1204	1	O-RING	18	9112-3105	1	SWAY CONTROL PLATE
2	8866-2239	1	SWIVEL NUT RUN TEE, 5/8 TUBE	19	9112-6040	1	L.H. SWAY BRACKET
3	8471-7893	1	HOSE ASSY	20	8866-2064	2	ELBOW, 90 DEGREES (includes o-ring)
4	8471-8221	1	HOSE ASSY		8859-1204	2	O-RING
5	9130-3041	1	BOOM CONTROL DECAL	21	9108-5071	1	MODIFIED CONNECTOR
6		Ref	JOYSTICK ASSY (see page 10-20 for details)	22	9130-3038	1	SOLENOID VALVE
7	8096-3060	1	WEATHER PACK SHROUD	23	9114-1331	1	SPACER
8	8096-3069	3	W.P. MALE PIN TERMINAL	24	8820-1012	5	HEX HD CAPSCREW, 1/4-20X2-3/4, GR5
9	9114-3187	3	W.P. CABLE SEAL	*25	8855-1009	2	LOCKWASHER, 1/4
10	9108-3490	1	JOYSTICK HARNESS	*26	8850-1004	2	HEX NUT, 1/4-20
11	9020-7719	2	JUMPER WIRE - GREEN	27	8471-7537	2	HOSE ASSY
12	9130-3019	1	REMOTE VALVE CONTROL	28	8866-2084	2	ELBOW, 45 DEGREES (includes o-ring)
13		Ref	MAIN CONTROL VALVE (see page 10-14 for details)		8859-1204	2	O-RING
14	9103-3483	1	HYDRAULIC VALVE POSITIONER KIT	29	8866-2005	1	CONNECTOR (includes o-ring)
15	9103-3487	2	CHECK VALVE PLATE		8859-1204	1	O-RING
				30	8856-1107	2	FLAT WASHER, 1/4
				*31	8852-1304	3	HEX LOCKNUT, 1/4-20



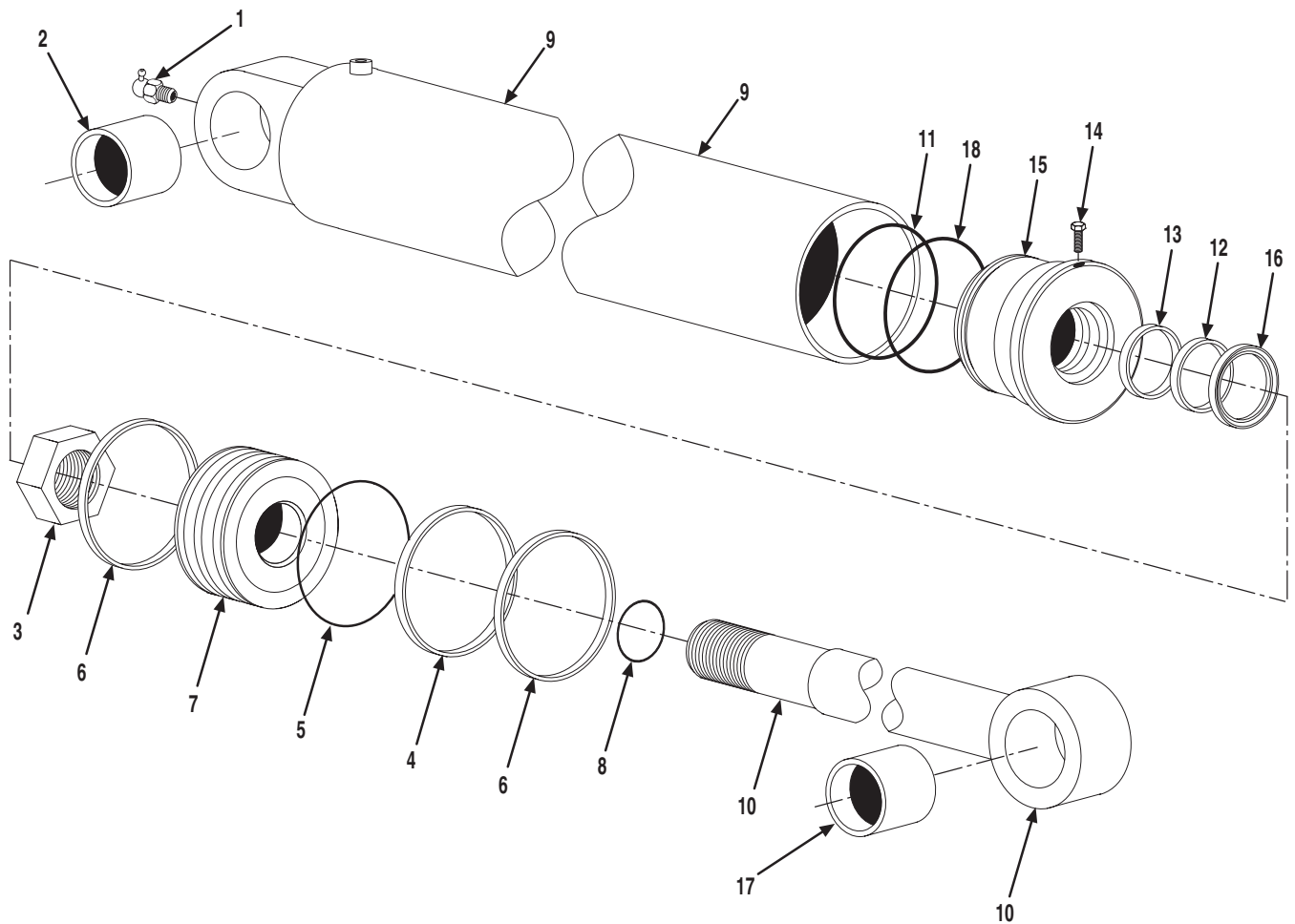
Item	Part No.	Qty.	Description Of Part
	9108-3286	1	SWAY CYLINDER ASSY (includes all items)
	9108-4189	Ref	SEAL KIT (includes items 5, 6, 7, 8, 10, 11, 13 & 14)
1	9108-4185	1	TUBE ASSY
2	8867-1033	2	LUBE FITTING - STRAIGHT, 1/4-28
3	9108-4176	2	BUSHING
4	9108-4184	1	NUT
5	9108-4219	1	WEAR RING
6	9108-4220	1	SEAL
7	9108-4221	1	O-RING
8	9108-4222	1	O-RING
9	9108-4186	1	PISTON
10	9108-4223	1	BACK-UP RING
11	9108-4224	1	O-RING
12	9108-4188	1	GLAND
13	9108-4225	1	SEAL
14	9108-4226	1	WIPER
15	9108-4187	1	ROD ASSY



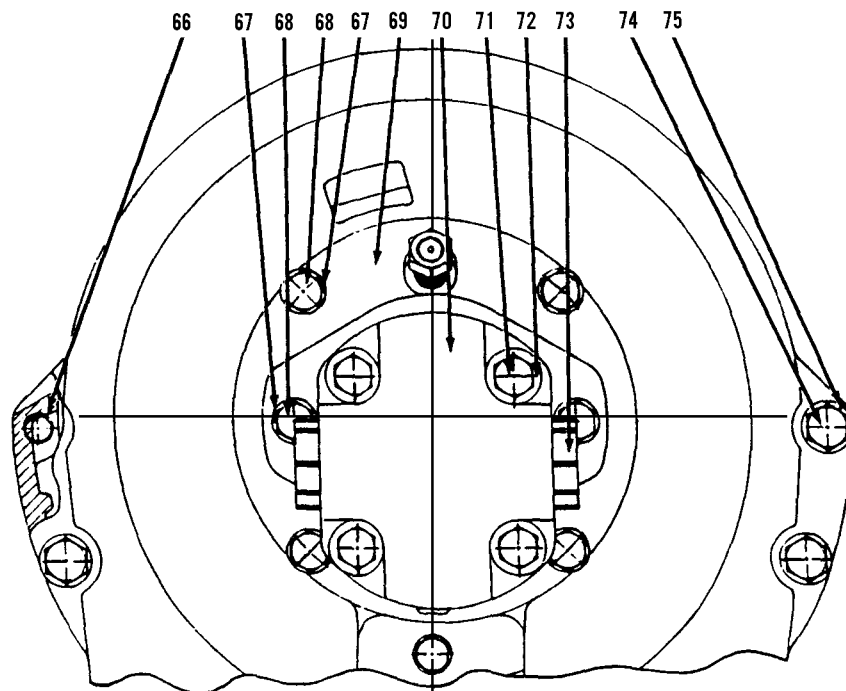
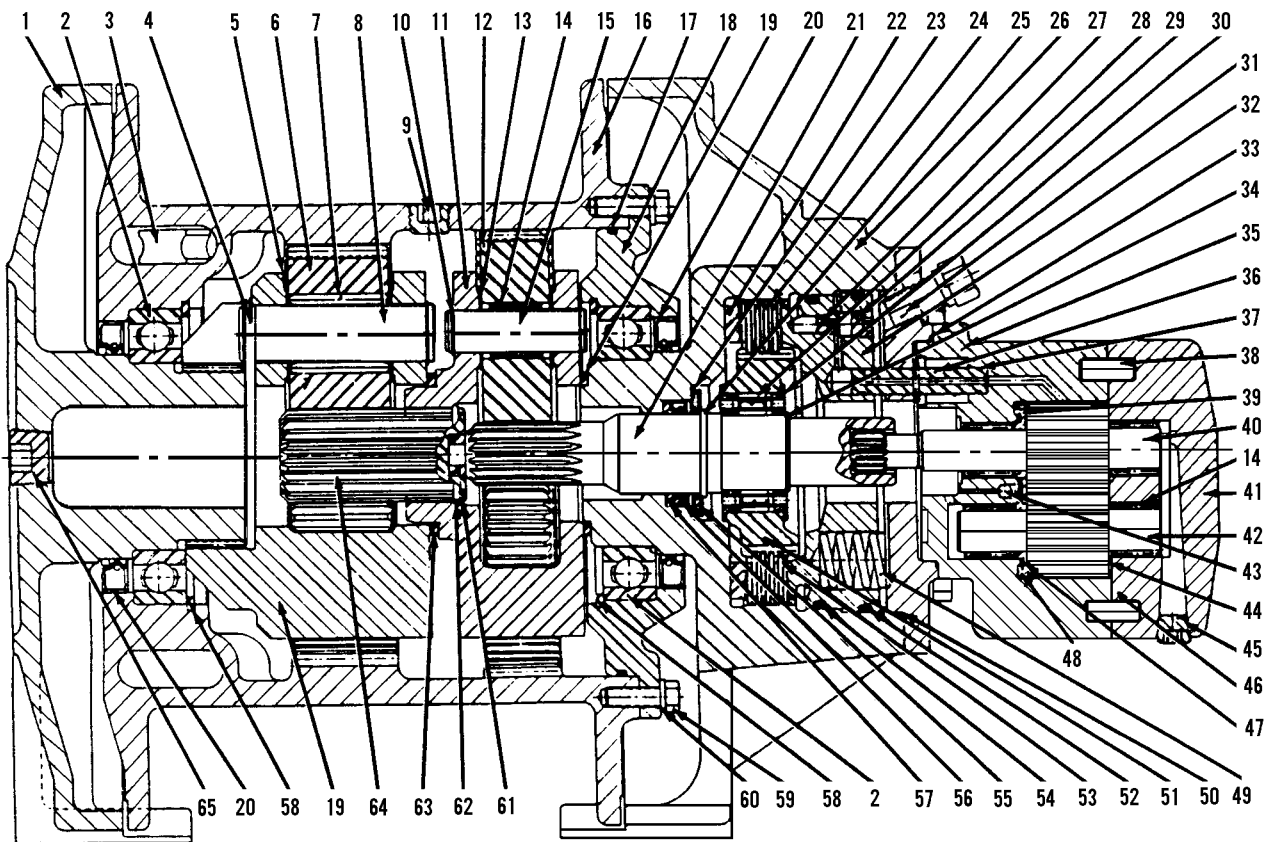
Item	Part No.	Qty.	Description Of Part
	9108-3262	1	DUAL P.O. CHECK VALVE ASSY (includes all items)
	9104-4002	Ref	SEAL KIT (includes items 3 & 4)
1		1	BODY
2	7713-3248	2	CHECK VALVE
3	9108-4227	2	O-RING
4	9108-4228	2	O-RING
* 5	8859-1009	2	O-RING
NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			



Item	Part No.	Qty.	Description Of Part
	9103-3366	2	SWING CYLINDER ASSY (includes all items)
	9103-4301	Ref	SEAL KIT (includes items 5, 6, 7, 8, 10, 12 & 13)
1	9103-4302	1	TUBE ASSY
2	9108-4194	1	BUSHING
3	8867-1033	1	LUBE FITTING, STRAIGHT, 1/4-28
4	9103-4303	1	LOCKNUT (torque to 235 ft.lbs.)
5	9104-4463	2	WEAR RING
6	9104-4464	1	SEAL
7	9104-4465	1	O-RING
8	9104-4466	1	O-RING
9	9103-4304	1	PISTON
10	9104-4467	1	O-RING
11	9103-4305	1	GLAND
12	9104-4468	1	SEAL
13	9104-4469	1	WIPER
14	9103-4306	1	ROD ASSY
15	9104-4470	1	BUSHING



Item	Part No.	Qty.	Description Of Part
	9045-3034	1	SWING CYLINDER, (includes all items)
	9114-4006	1	SEAL KIT, (includes items 4 thru 6, 8, 11 thru 13, 16 & 18)
1	9114-4125	1	GREASE FITTING
2	9103-4157	1	BUSHING
3	9114-4038	1	LOCKNUT
4	9116-4020	1	PISTON SEAL
5	9116-4021	1	O-RING
6	9116-4019	2	WEAR RING
7	9114-4039	1	PISTON
8	9116-4022	1	O-RING
9	9103-4435	1	BARREL
10	9103-4436	1	PISTON ROD
11	9116-4024	1	BACK-UP RING
12	9120-4468	1	U-CUP
13	9116-4025	1	STEP SEAL
14	9112-4096	1	SELF TAPPING SCREW
15	9114-4040	1	CYLINDER HEAD
16	9120-4469	1	WIPER
17	9112-4087	1	BUSHING
18	9103-4437	1	O-RING
NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			



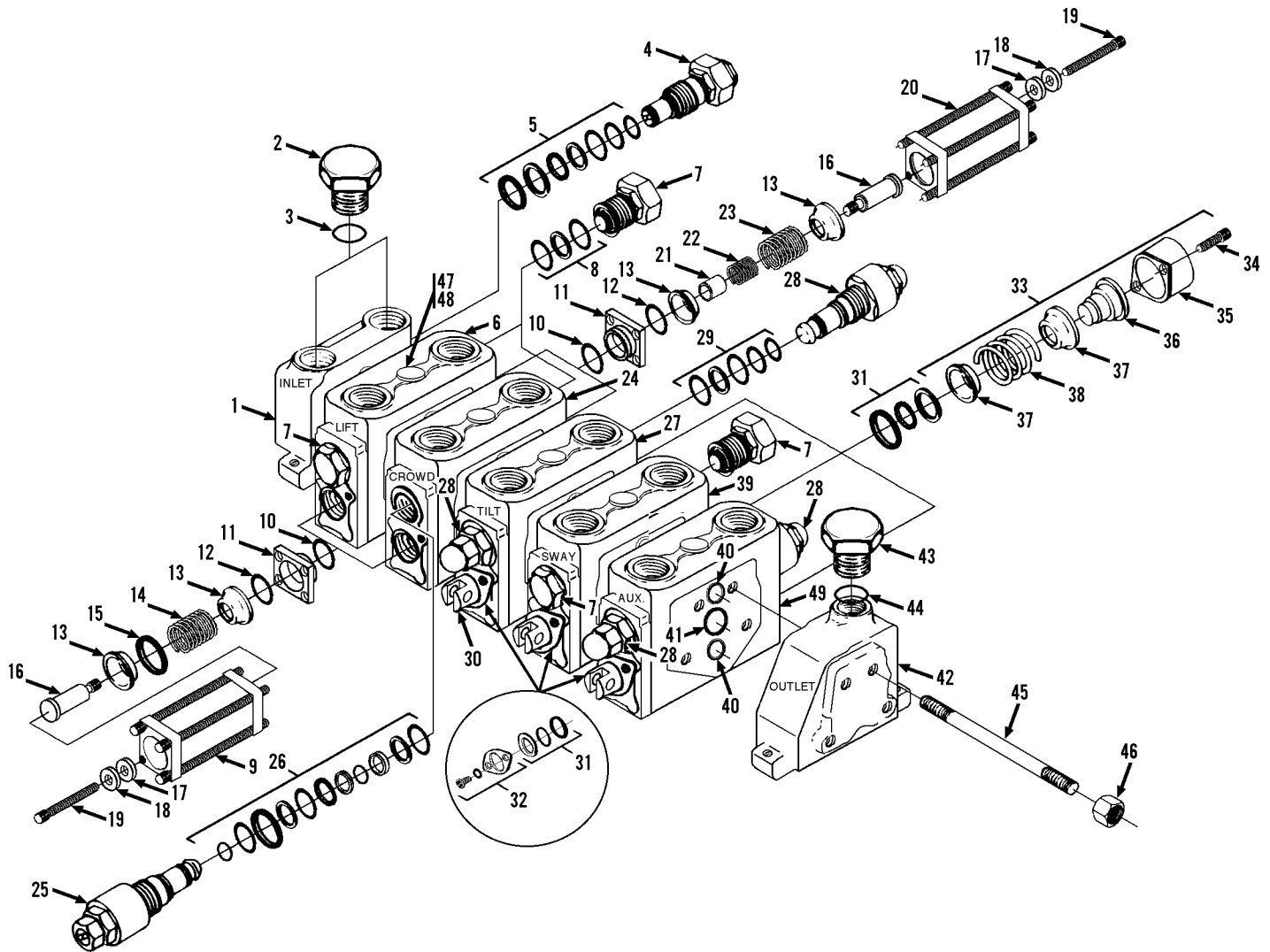
GRADALL®
MATERIAL HANDLER
534C -9/534C - 10

OPTIONAL EQUIPMENT
(9103-3196) Winch
Starting Serial No. 0344001
Starting Serial No. 0266001
Original Issue 9-94

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9103-3196	1	WINCH ASSY (includes all items)	38	9103-4213	2	DOWEL PIN
	9103-4161	1	SEAL KIT (includes items 20, 33, 37, 46, 47, 48, 52 & 54)	39	9103-4211	1	WEAR PLATE
	9103-4162	1	HYDRAULIC MOTOR SEAL KIT (includes items 46, 47 & 48)	40	9103-4216	1	DRIVE GEAR
	9103-4163	1	FINAL PLANET HUB ASSY (includes items 4, 5, 6, 7, 8 & 64)	41	9103-4212	1	COVER
	9103-4164	1	PRIMARY PLANET HUB ASSY (includes items 10 thru 14, 15, 19, 61, 62 & 63)	42	9103-4217	1	DRIVEN GEAR
1	9103-4187	1	END HOUSING	43	9103-4215	2	DOWEL PIN
2	9103-4196	2	BALL BEARING	44	9103-4210	1	THRUST PLATE
3	9103-4193	1	WEDGE	45		1	HEX SOCKET PIPE PLUG
4	9103-4194	6	CIRCLIP	46		1	SQUARE CUT SEAL RING
5	9103-4201	6	THRUSTWASHER	47		1	RUBBER SPACER
6	9103-4177	3	FINAL PLANET GEAR	48		1	NYLATRON
7	9103-4204	60	NEEDLE ROLLER	49	9103-4171	6	BRAKE SPRING
8	9103-4176	3	FINAL PLANET PIN	50		1	O-RING
9		1	HEX SOCKET PIPE PLUG	51	9103-4170	1	BRAKE HUB
10	9103-4198	6	CIRCLIP	52		1	O-RING
11	9103-4180	1	PRIMARY PLANET HUB	53	9103-4165	4	BRAKE PLATE
12	9103-4178	3	PRIMARY PLANET GEAR	54		1	O-RING
13	9103-4200	6	THRUSTWASHER	55	9103-4207	1	THRUST BEARING
14	9103-4199	7	NEEDLE BEARING	56		1	OIL SEAL
15	9103-4166	3	PRIMARY PLANET PIN	57	9103-4182	1	BACKUP WASHER
16	9103-4172	1	CABLE DRUM	58	9103-4195	2	CIRCLIP
17		1	O-RING	59	8820-1019	6	HEX HD CAPSCREW, 5/16-18X7/8, GR5
18	9103-4173	1	BEARING FLANGE	60	8855-1010	6	LOCKWASHER, 5/16
19	9103-4179	2	NYLON SPACER	61	9103-4167	1	PRIMARY SUN GEAR STOPPER
20		2	OIL SEAL	62	9103-4205	1	CIRCLIP
21	9103-4190	1	PRIMARY SUN GEAR	63	9103-4174	1	FINAL SUN GEAR
22	9103-4168	1	BRAKE SPACER	64	9103-4175	1	FINAL PLANET HUB
23	9103-4206	2	THRUSTWASHER	65		1	HEX SOCKET PIPE PLUG
24	9103-4197	5	DIVIDER PLATE	66	9103-4188	2	TIE BAR
25	9103-4208	1	CIRCLIP	67	8855-1011	6	LOCKWASHER, 3/8
26	9103-4186	1	BRAKE HOUSING	68	8820-1035	6	HEX HD CAPSCREW, 3/8-16X1, GR5
27	9103-4185	1	ORIFICE PLUG	69	9103-4183	1	MOTOR ADAPTER
28	9103-4202	1	SPRAG CLUTCH	70	9103-4189	1	HYDRAULIC MOTOR ASSY (includes items 14, 35, 38 thru 47, 71 & 72)
29		1	HEX SOCKET PIPE PLUG	71	9103-4209	4	HEX HD CAPSCREW
30	9103-4169	2	SPRAG CLUTCH ALIGNER	72	9103-4214	4	WASHER
31	9103-4192	1	SAFETY VALVE	73		2	CAPLUG
32	9103-4184	1	PISTON	74	8822-1051	8	HEX HD CAPSCREW, 7/16-14X1-1/4, GR5
33		1	O-RING	75	8855-1012	8	LOCKWASHER, 7/16
34	9103-4203	1	CIRCLIP				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.
35	9103-4191	1	MOTOR BODY				
36	9103-4181	1	CONNECTING TUBE				
37		2	O-RING				

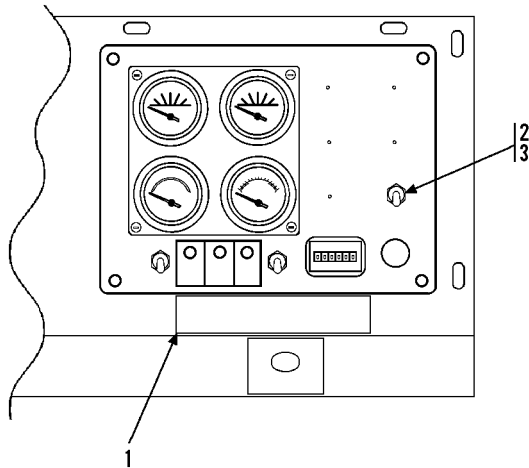
GRADALL®
MATERIAL HANDLER
534C-9/534C-10

OPTIONAL EQUIPMENT
(9114-3041) Control Valve W/Aux. Hyd.
 Starting Serial No. 0344001
 Starting Serial No. 0266001
 Original Issue 9-94
 Revised 11-20-95

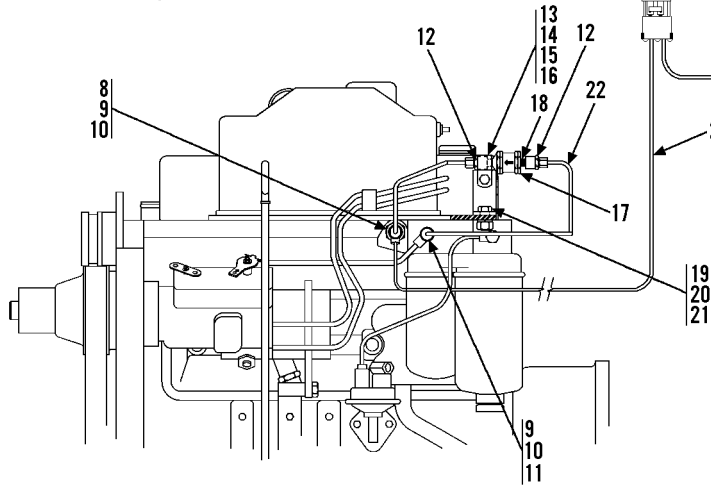
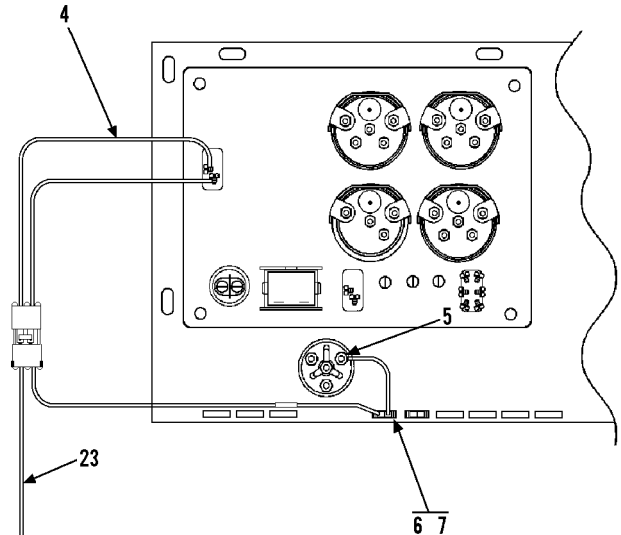


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-3041	1	CONTROL VALVE ASSY W/AUX HYDRAULICS (includes all items)	26	9114-4261	1	RELIEF VALVE SERVICE KIT
	9103-4070	1	STUD KIT (includes four each of items 45 & 46)	27	9114-4166	1	TILT SECTION (includes two of item 28, plus one of items 30, 32 & 33)
	9114-4193	1	SEAL KIT (includes twelve of item 40 & six of item 41)	28	9114-4252	4	RELIEF VALVE - 3250 PSI (includes item 29, torque to 18-22 ft.lbs.)
	9114-4254	AR	SECTION SEAL KIT (contains seals needed for servicing items 7, 30 and 47, also includes two of item 40 and one of item 41) (one kit needed per valve section)	29	9114-4262	2	SEAL KIT
1	9114-4162	1	L.E. INLET COVER ASSY (includes items 2 thru 4)	30		Ref	SPOOL (not sold separately, order valve section)
2	9114-4250	2	PLUG (includes item 3)	31	9114-4263	6	SPOOL SEAL KIT (two kits needed per section as required)(lift and crowd sections do not require spool seals)
3		2	O-RING	32	9114-4264	3	SPOOL RETAINER KIT (torque to 54-60 ft.lbs.)
4	9114-4255	1	MAIN RELIEF VALVE - 3000 PSI (includes item 5)	33	9114-4265	3	POSITIONER KIT (includes items 34 thru 38)
5	9103-4236	1	MAIN RELIEF SEAL KIT	34		2	HEX HD CAPSCREW, 1/4-20x.875
6	9114-4164	1	LIFT SECTION (includes two of item 7, plus one of items 9, 20 & 30)	35		1	BONNET
7	9114-4256	5	PLUG ASSY (includes item 8, torque to 18-22 ft.lbs.)	36		1	SPOOL COLLAR
8	9114-4257	5	PLUG SEAL KIT	37		2	SPRING COLLAR
9	9114-4258	2	HR POSITIONER (includes items 10 thru 19)	38		1	SPRING
10		2	O-RING	39	9114-4167	1	SWAY SECTION (includes two of item 7, plus one of items 30, 32 & 33)
11		2	SPACER	40		12	O-RING
12		2	O-RING	41		6	O-RING
13		4	STOP COLLAR	42	9114-4163	1	R.E. OUTLET COVER ASSY (includes item 43)
14		1	SPRING	43	9114-4251	1	PLUG (includes item 44)
15		1	SPACER	44		1	O-RING
16		2	POSITIONER	45		4	STUD (included in 9103-4070)
17		8	BEARING PLATE	46		4	NUT (torque to 23-27 ft.lbs.) (included in 9103-4070)
18		8	LOCKWASHER	47	9114-4266	5	LOAD CHECK PLUG (one per valve section, torque to 16-18 ft.lbs.)
19		8	HEX HD CAPSCREW, 1/4-20X3-1/2	48		5	O-RING (included in section seal kit 9114-4254)
20	9114-4259	2	HR POSITIONER (includes items 10 thru 13, 16 thru 19, & 21 thru 23)	49	9114-4194	1	AUXILIARY SECTION (includes two of item 28, plus one of items 30, 32 & 33)
21		1	STOP SLEEVE				
22		1	SPRING				
23		1	SPRING				
24	9114-4165	1	CROWD SECTION (includes one of items 7, 20 & 30 plus item 25)				
25	9114-4260	1	RELIEF VALVE - 2700 PSI (includes item 26)				
							NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.

PARTIAL VIEW FROM ABOVE DASH



PARTIAL VIEW FROM UNDER DASH

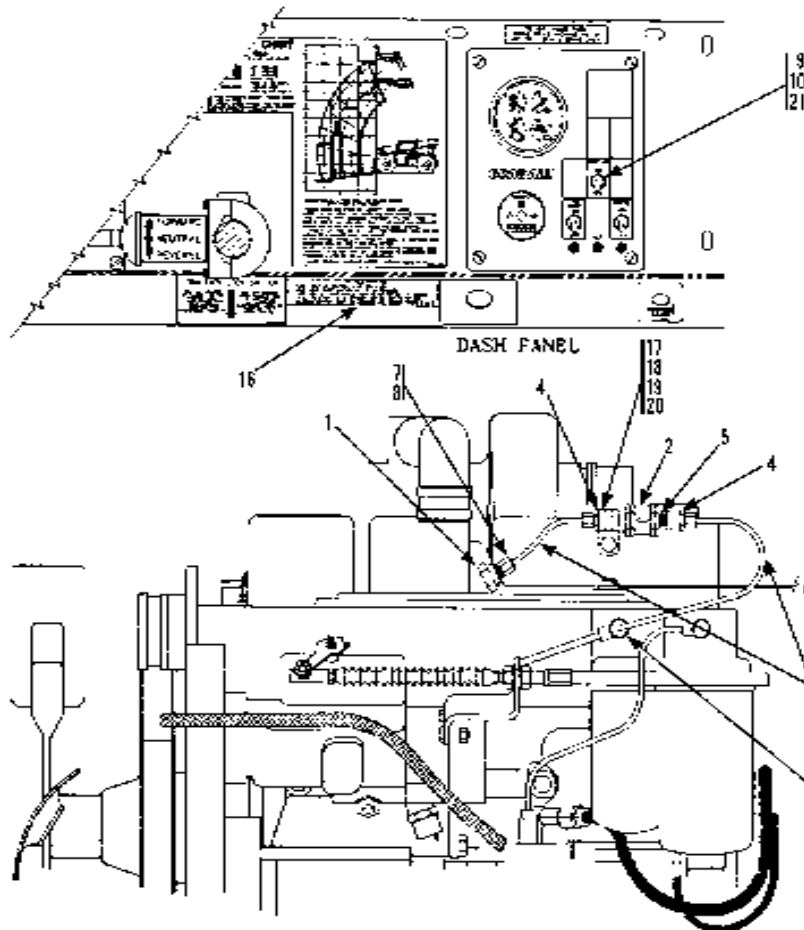


PARTIAL VIEW - ENGINE LEFT SIDE

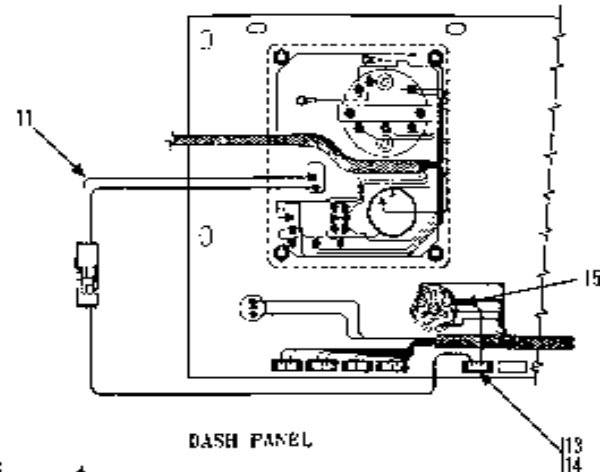
Item	Part No.	Qty.	Description Of Part
	9115-5004	1	GLOW PLUG INSTALLATION (includes all items)
1	9114-3164	1	INSTRUCTION DECAL
2	9114-3163	1	TOGGLE SWITCH
3	7738-3470	1	BOOT
4	9114-5034	1	WIRING HARNESS
5	8698-3190	1	#10 EYELET
6	9114-3108	1	FUSE HOLDER
7	7736-3268	1	15 AMP FUSE
8	9104-3415	1	THERMOSTART
9	9108-3371	2	TUBE NUT
10	9108-3375	2	OLIVE
11	9108-3374	1	BANJO CONNECTOR
12	9108-3380	2	BRASS ADAPTER (includes nut & sleeve)

Item	Part No.	Qty.	Description Of Part
13	9115-1007	1	SUPPORT BRACKET
14	2486-1170	1	CLIP
15	8820-1016	1	HEX HD CAPSCREW, 5/16-18X1/2, GR5
16	8855-1010	1	LOCKWASHER, 5/16
17	8668-3330	1	FUEL CHECK VALVE
18	8870-1002	1	CLOSE NIPPLE, 1/4
19	8820-1050	1	HEX HD CAPSCREW, 7/16-14X1
20	8850-1007	1	HEX NUT, 7/16-14
21	8855-1012	1	LOCKWASHER, 7/16
22	9108-1676	1	STEEL TUBE, 3/16" O.D. (cut & bend as req'd.)
23	9114-5035	1	WIRING HARNESS

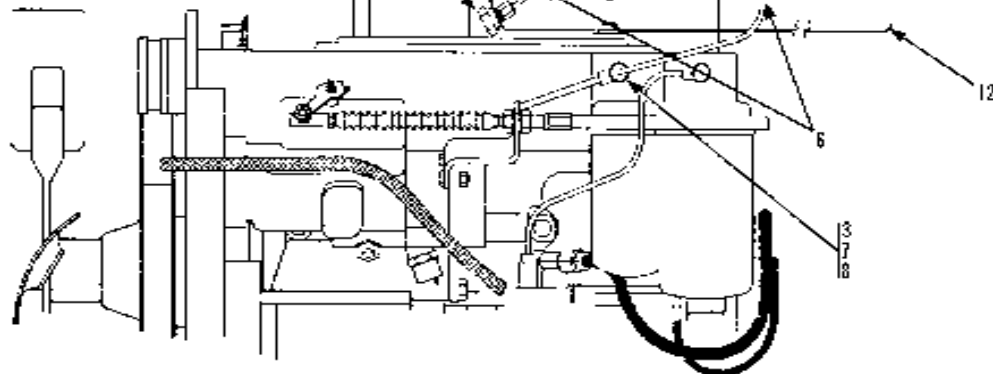
PARTIAL VIEW FROM ABOVE DASH



PARTIAL VIEW FROM UNDER DASH



PARTIAL VIEW - ENGINE LEFT SIDE

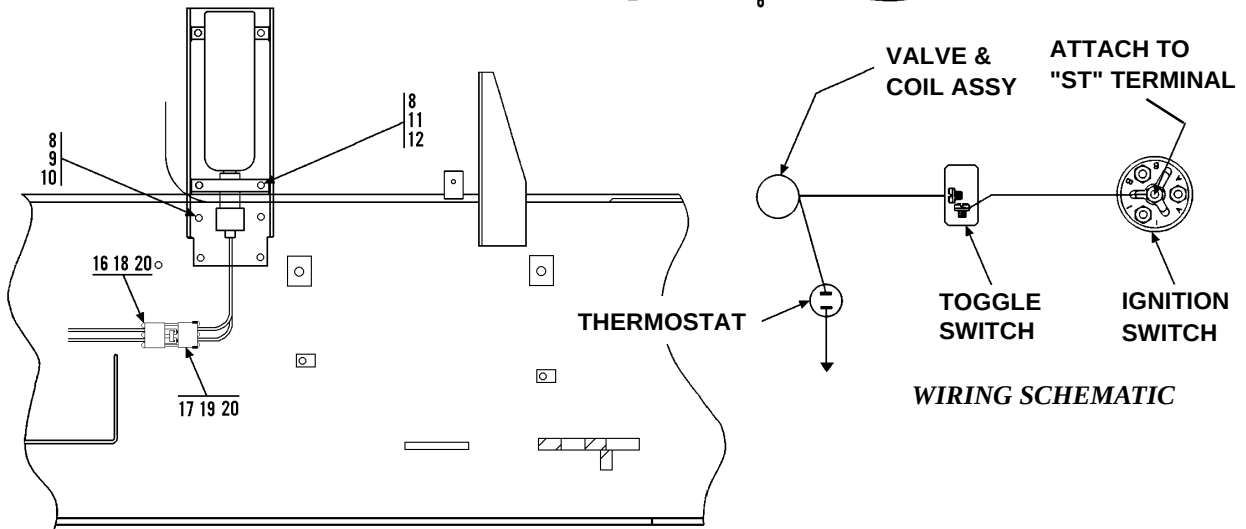
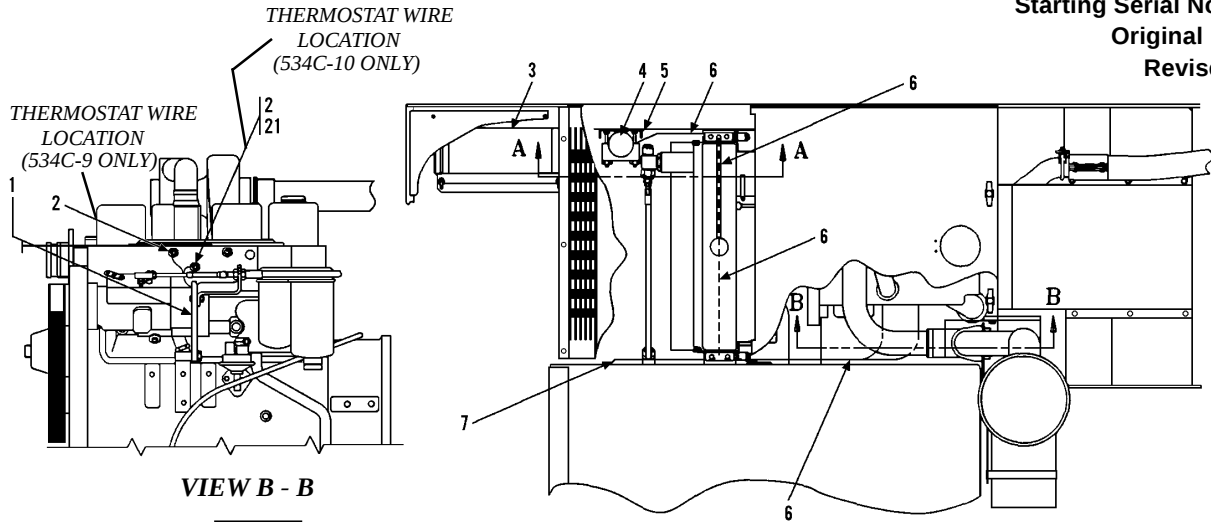


Item	Part No.	Qty.	Description Of Part
	9112-5101	1	GLOW PLUG INSTALLATION (includes all items)
1	9108-3372	1	THERMOSTART
2	8668-3330	1	FUEL CHECK VALVE
3	9108-3374	1	BANJO CONNECTOR
4	9108-3380	2	BRASS ADAPTER
5	8870-1002	1	CLOSE NIPPLE
6	9108-1676	1	STEEL TUBE
7	9108-3375	2	OLIVE
8	9108-3371	2	TUBE NUT
9	7738-3467	1	TOGGLE SWITCH
10	7738-3470	1	BOOT

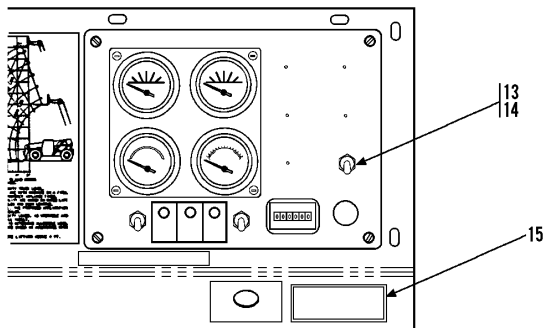
Item	Part No.	Qty.	Description Of Part
11	9114-5034	1	WIRING HARNESS
12	9114-5035	1	WIRING HARNESS
13	9114-3108	1	FUSE HOLDER
14	7736-3268	1	15A FUSE
15	8698-3190	1	#10 EYELET
16	9114-3164	1	INSTRUCTION DECAL
17	9108-1582	1	SUPPORT BRACKET
18	2486-1170	1	CLIP
19	8820-1016	1	HEX HD CAPSCREW, 5/16-18X1/2, GR5
20	8855-1010	1	LOCKWASHER, 5/16
21	9112-3176	1	START AID DECAL

GRADALL®
MATERIAL HANDLER
534C-9/534C-10

OPTIONAL EQUIPMENT
(9114-5057) Ether Start - 534C-9
(9115-5005) Ether Start - 534C-10
Starting Serial No. 0344001
Starting Serial No. 0266001
Original Issue 2-95
Revised 9-11-95



VIEW A - A

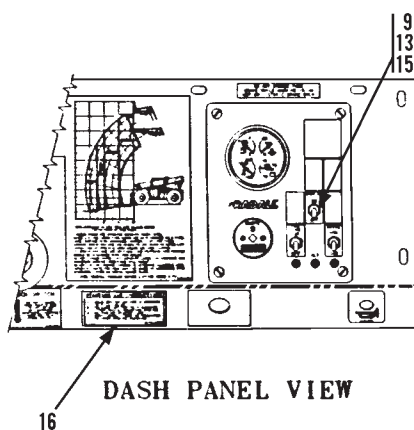
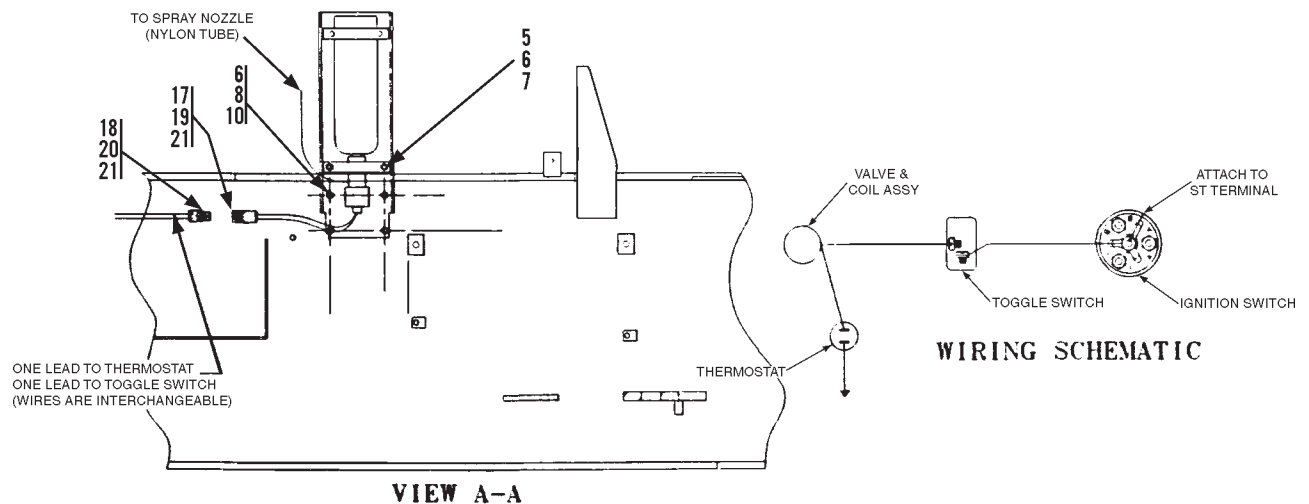
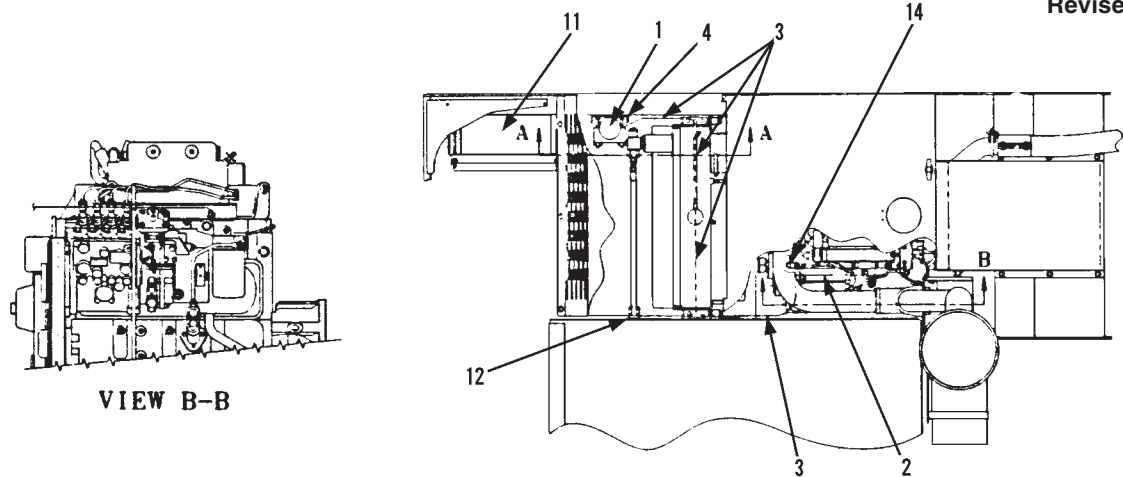


Item	Part No.	Qty.	Description Of Part
	9114-5057	Ref	ETHER START OPTION - 534C-9 (includes items 1 thru 20)
*	9115-5005	Ref	ETHER START OPTION - 534C-10 (includes items 1 thru 21)

Item	Part No.	Qty.	Description Of Part
1	8698-3202	1	WIRE CONNECTOR
2	8698-3195	2	WIRE CONNECTOR
3		1	BATTERY (1050 AMP) (purchase locally)
4	9108-3361	1	QUICK START KIT
5	9108-1601	1	MOUNTING BRACKET
6	9002-7187	4	TY-RAP
7	7716-3117	1	RUBBER GROMMET
8	8855-1009	6	LOCKWASHER, 1/4
9	8820-1002	4	HEX HD CAPSCREW, 1/4-20X5/8
10	8856-1107	4	WASHER, 1/4
11	8820-1005	2	HEX HD CAPSCREW, 1/4-20X1, GR5
12	8850-1004	2	HEX NUT, 1/4-20
13	9114-3163	1	TOGGLE SWITCH
14	7738-3470	1	BOOT
15	9114-3202	1	INSTRUCTION DECAL
*16	8096-3058	1	SHROUD CONNECTOR, 2-WAY
*17	8096-3057	1	TOWER CONNECTOR, 2-WAY
*18	8096-3069	2	MAIL PIN TERMINAL
*19	8096-3068	2	FEMALE PIN TERMINAL
*20	8096-3065	2	CABLE SEAL
*21	8871-1385	1	PIPE BUSHING, 1/2X1/8 (534C-10 only)

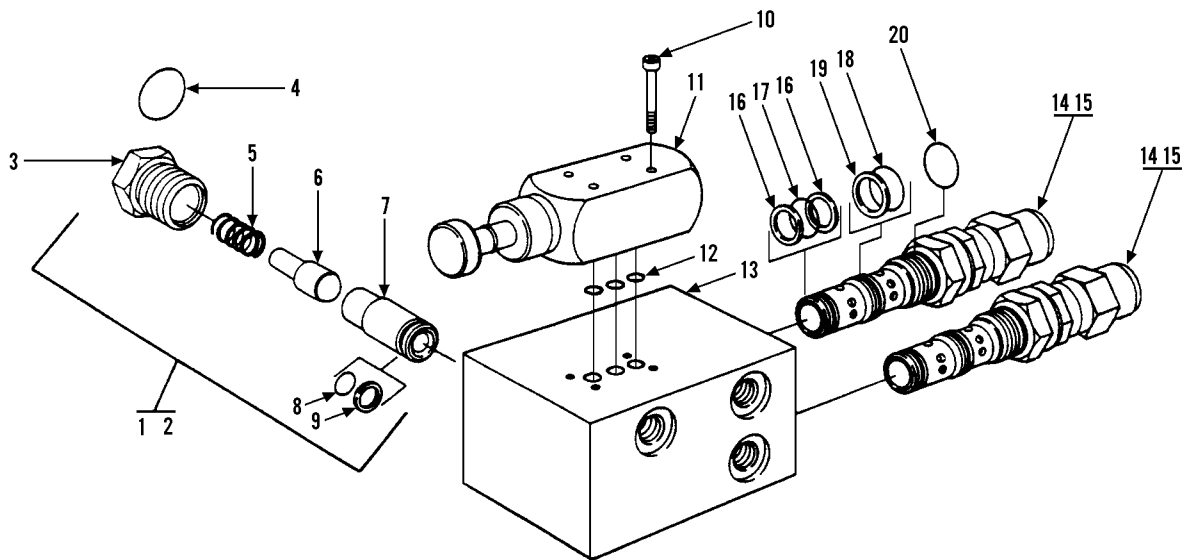
GRADALL®
MATERIAL HANDLER
534C-9/534C-10

OPTIONAL EQUIPMENT
(9114-5097) Ether Start
 534C-9 Starting Serial No. 0444003
 534C-10 Starting Serial No. 0266107
 Original Issue 8-97
 Revised 5-31-06



Item	Part No.	Qty.	Description Of Part
	9114-5097	1	ETHER START OPTION (includes all items)
1	9114-3362	1	QUICK START KIT
2	8698-3202	1	WIRE CONNECTOR
3	9002-7187	4	TY-RAP

Item	Part No.	Qty.	Description Of Part
4	9108-1601	1	MOUNTING BRACKET
5	8820-1005	2	HEX HD CAPSCREW, 1/4-20X1, GR5
6	8855-1009	6	LOCKWASHER, 1/4
7	8850-1004	2	HEX NUT, 1/4-20
8	8820-1002	4	HEX HD CAP SCREW, 1/4-20X5/8, GR5
9	9112-3176	1	START AID DECAL
10	8856-1107	4	FLAT WASHER, 1/4
*11	9108-3483	1	BATTERY (1000 amp)
12	7716-3117	1	RUBBER GROMMET
13	7738-3467	1	TOGGLE SWITCH-SPST
14	8319-1038	1	HEX HD CAPSCREW, M10X1.50X20
15	7738-3470	1	BOOT
16	9114-3202	1	INSTRUCTION DECAL
17	8096-3058	1	SHROUD CONNECTOR
18	8096-3057	1	TOWER CONNECTOR
19	8096-3069	2	MALE PIN TERMINAL
20	8096-3068	2	FEMALE PIN TERMINAL
21	8096-3065	4	CABLE SEAL



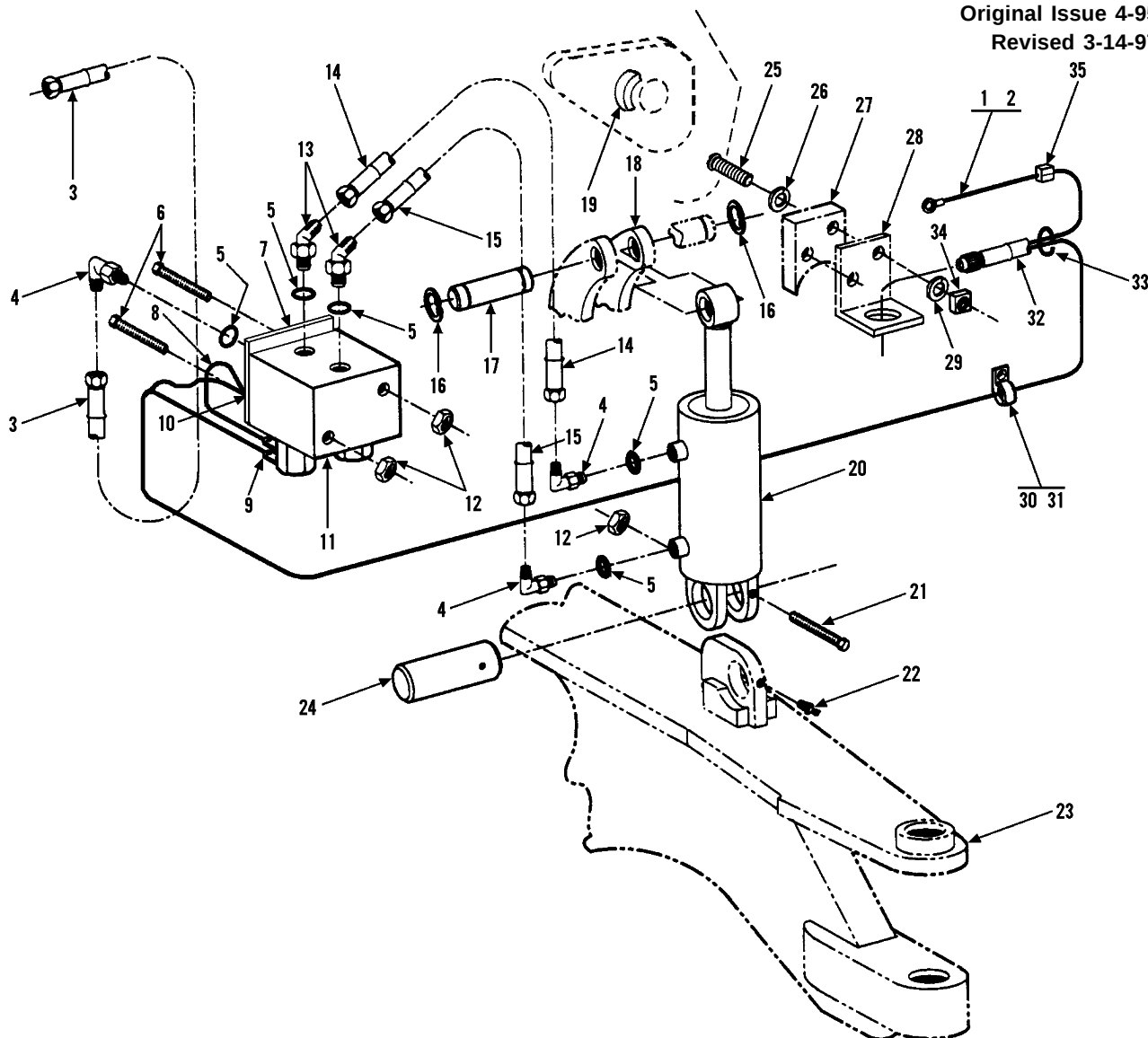
Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9055-3016	2	SWING VALVE ASSY (includes all items except seal kits)	10	8821-1034	4	SOCKET HD CAPSCREW, #10-24X1/2, GR8
	9104-4303	1	SWING VALVE SEAL KIT (includes quantity of (1) Seal Kit, item 2, quantity of (3) O-Rings, item 12, quantity of (2) Seal Kits, item 15)	11	9055-3014	1	PILOT VALVE
1	9104-4284	1	CHECK VALVE ASSY (includes items 3 thru 9)	12		3	O-RING
2	9104-4002	AR	CHECK VALVE SEAL KIT (includes items 4, 8 & 9)	13		1	VALVE BODY
3		1	RETAINER	14	9104-4301	2	COUNTERBALANCE VALVE ASSY (includes items 16 thru 20)
4		1	O-RING	15	9104-4302	AR	COUNTERBALANCE VALVE SEAL KIT (include items 16 thru 20)
5		1	SPRING	16		2	BACK-UP WASHER
6		1	BALL & SPRING GUIDE ASSY	17		1	O-RING
7		1	CAGE	18		1	O-RING
8		1	O-RING	19		1	BACK-UP WASHER
9		1	BACK-UP WASHER	20		1	O-RING
				NOTE: ONLY ITEMS WITH PART NUMBERS ARE AVAILABLE FOR SERVICE.			

**NOTE: SEE PAGE 13-2 (9114-5018)
WINCH INSTALLATION FOR
LOCATION OF THESE PARTS.
USE CAPS TO SEAL LINE.**

Item	Part No.	Qty.	Description Of Part
	9114-5059	1	WINCH DRAIN LINE (includes all items)
	9002-7176	2	STRAIGHT BULKHEAD FITTING
	8850-1008	1	HEX NUT, 1/2-13
	8471-9575	1	HOSE ASSY
	9116-6068	1	HOSE TAKE-UP WELDMENT
	9112-3054	1	COMPRESSION SPRING
	9112-1134	1	SPRING RETAINER
	8850-1108	1	HEX JAM NUT, 1/2-13
	9114-3145	1	ELBOW, 90 DEGREES (swivel nut)
	8866-1365	2	HEX CAP, 1/2 TUBE

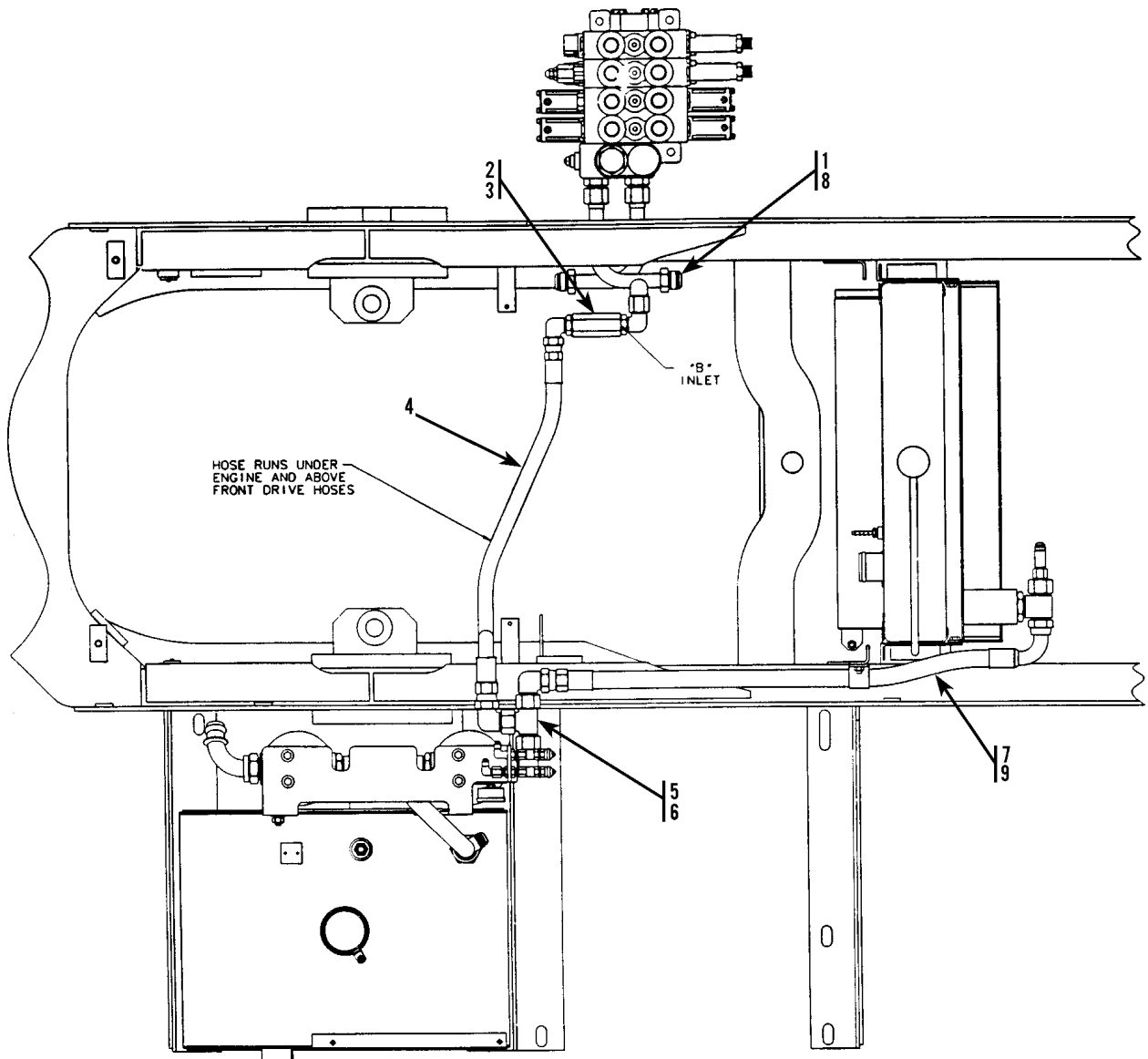
GRADALL®
MATERIAL HANDLER
534C-9/534C-10

OPTIONAL EQUIPMENT
(9114-5023) STABILIZER OPTION
534C-9 Starting Serial No. 0344001
534C-10 Starting Serial No. 0266001
Original Issue 4-95
Revised 3-14-97



Item	Part No.	Qty.	Description Of Part
	9114-5023	Ref	STABILIZER OPTION (includes all items)
* 1	9111-1002	1	JUMPER WIRE
* 2	8203-3993	120"	LOOM
* 3	8471-8179	1	HOSE ASSY
4	8866-2065	3	ELBOW, 90 DEGREES (includes item 5)
5	8859-1205	5	O-RING
6	8320-1073	2	HEX HD CAPSCREW, 3/8-16X4-1/2, GR5
7	9114-1235	1	BRACKET
8	9112-1150	1	JUMPER WIRE
9	8698-3195	1	FEMALE SPADE TERMINAL
10	8688-3260	1	EYELET TERMINAL
11		Ref	STABILIZER VALVE (see page 10-26 for details)
12	8852-1206	3	HEX LOCKNUT, 3/8-16
13	8866-2085	2	ELBOW, 45 DEGREES (includes item 5)
14	8471-7847	1	HOSE ASSY
15	8471-7848	1	HOSE ASSY
16	8858-1140	2	SNAP RING

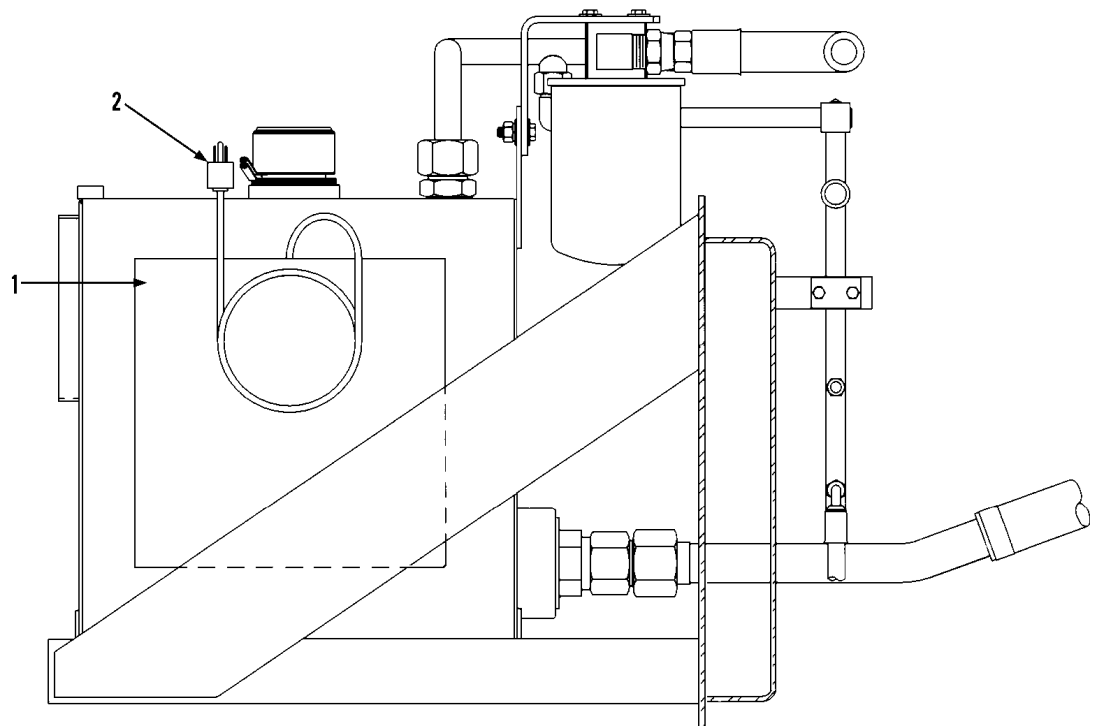
Item	Part No.	Qty.	Description Of Part
17	9104-1227	1	PIN
18	9114-1172	2	STABILIZER BRACKET
19	9114-1262	1	ACTUATOR
20		Ref	STABILIZER CYLINDER (see page 10-7 for details)
21	8820-1044	1	HEX HD CAPSCREW, 3/8-16X3-1/4, GR5
22	8867-1008	1	LUBE FITTING, STRAIGHT, 1/4-28
23	9114-6031	1	REAR AXLE WELDMENT
24	9112-1017	1	PIN
25	8830-1093	2	ROUND HD MACH SCREW, #10-24
26	8856-1001	4	FLAT WASHER, 3/16
27	9114-1261	1	BRACKET
28	9114-1260	1	SWITCH MOUNTING BRACKET
29	8855-1007	2	LOCKWASHER, #10
30	8594-1016	1	SUPPORT CLAMP
31	7714-3015	1	WHIZ LOCK NUT, 3/8-16
32	9114-3155	1	PROXIMITY SWITCH
33	9002-7187	4	TY-RAP
34	9104-3199	2	SQUARE NUT
35	8348-3078	1	CRIMP TERMINAL



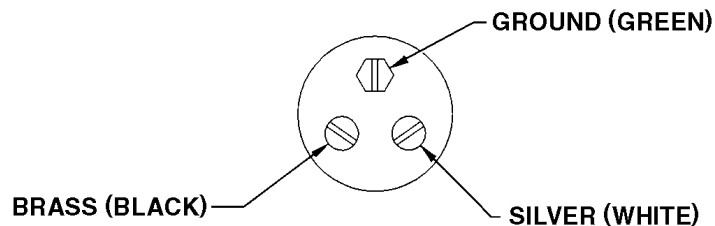
Item	Part No.	Qty.	Description Of Part
	9114-5066	1	INLINE BYPASS (includes all items)
1	9116-3190	1	TUBE ASSY
2	9116-3191	1	INLINE VALVE
3	8866-2067	2	ELBOW, 90 DEGREES (includes o-ring)
	8859-1207	2	O-RING
4	8471-8913	1	HOSE ASSY
5	8866-2110	2	ELBOW, 90 DEGREES (swivel nut)
6	8866-2244	1	SWIVEL NUT RUN TEE, 1" TUBE
7	8471-8914	1	HOSE ASSY
8	9114-3058	-1	TUBE ASSY (remove from std. assy)
9	8471-8424	-1	HOSE ASSY (remove from std. assy)



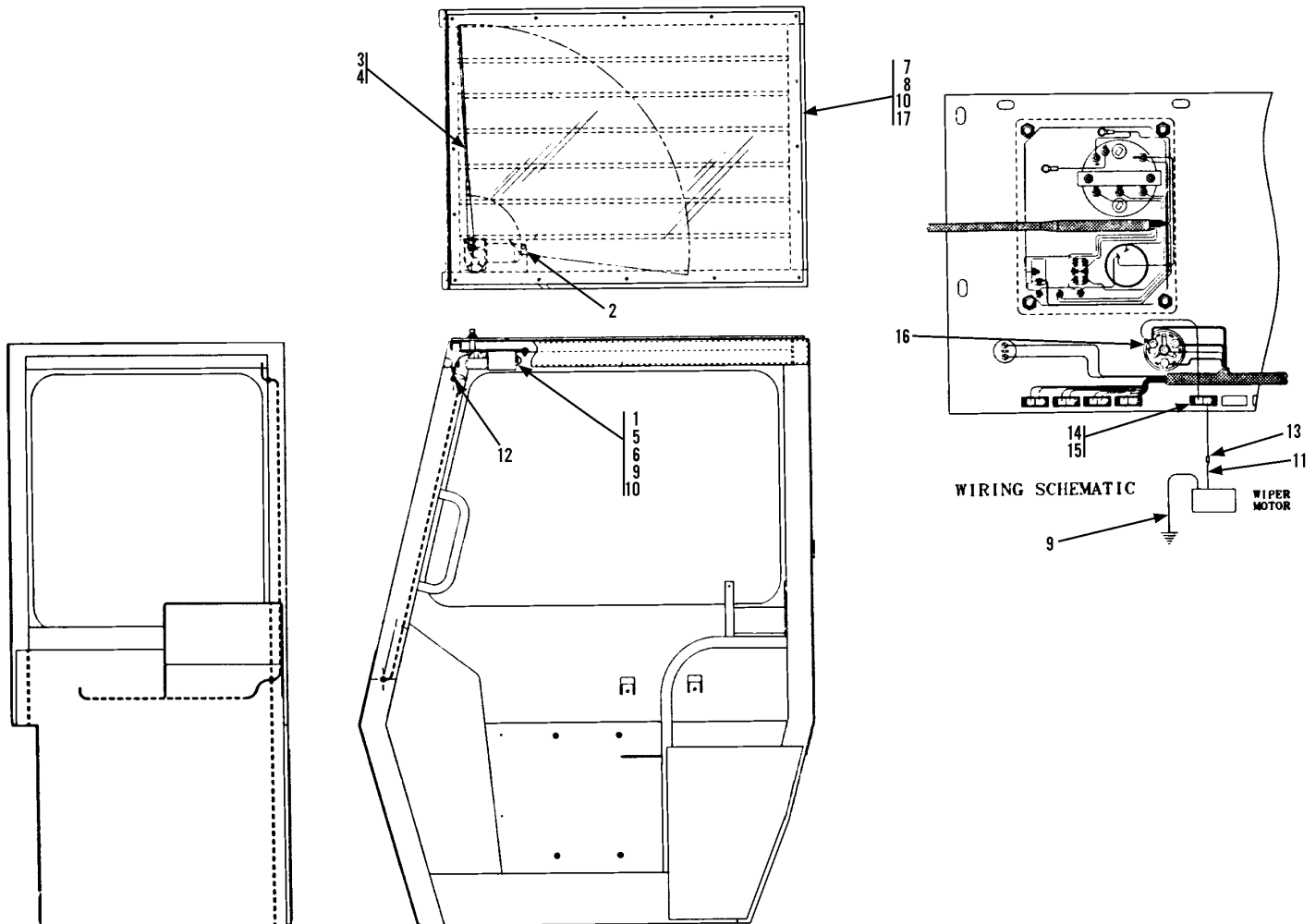
1. INSTALL BLANKET AFTER PAINT ONLY.
2. BLANKET TO BE INSTALLED ON HYDRAULIC TANK WALL, BETWEEN HYDRAULIC TANK AND FUEL TANK.
3. POSITION BLANKET AS CLOSE TO CENTER OF TANK AS POSSIBLE.
4. STOW AWAY ELECTRICAL CORD BETWEEN TANKS.



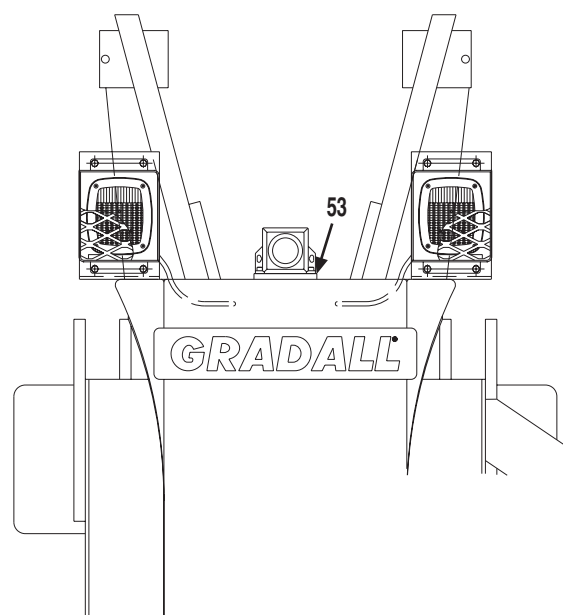
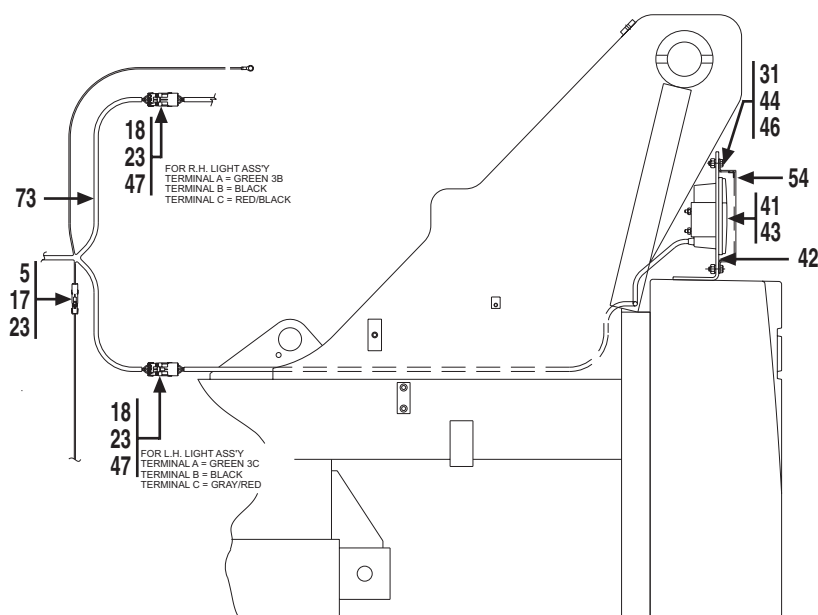
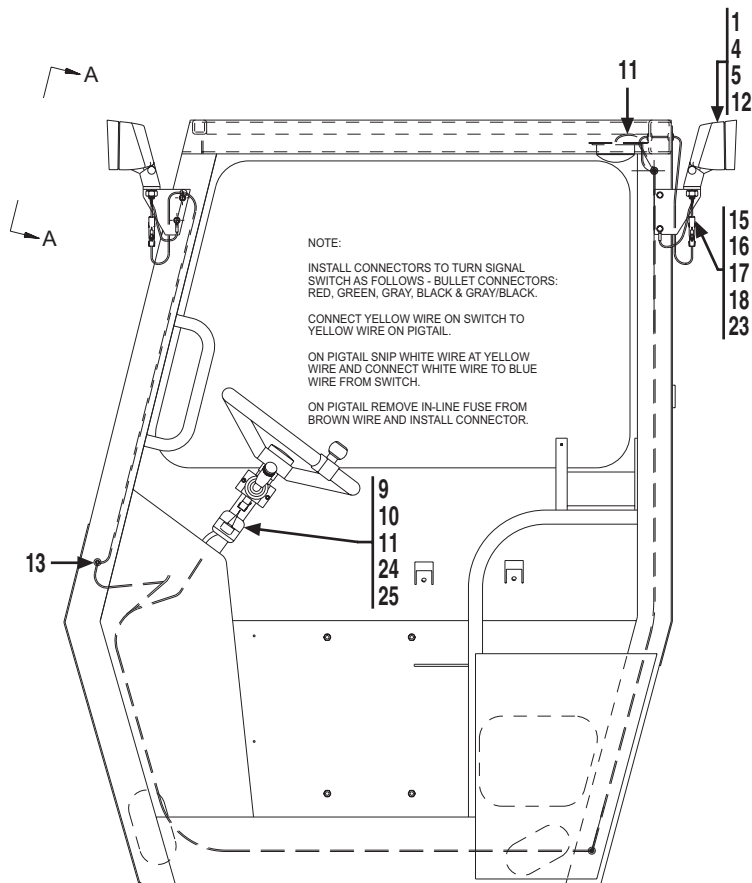
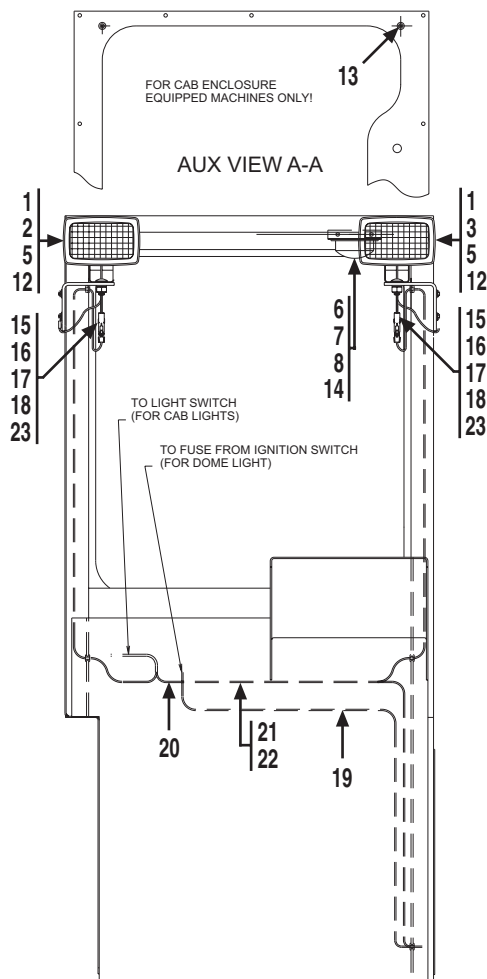
SECTION VIEW THRU FRAME SHOWING INSIDE WALL OF HYDRAULIC TANK



Item	Part No.	Qty.	Description Of Part
	9108-5073	1	HYDRAULIC RESERVOIR HEATER (includes all items)
1	9108-3429	1	HEATING BLANKET
2	9108-3430	1	PLUG

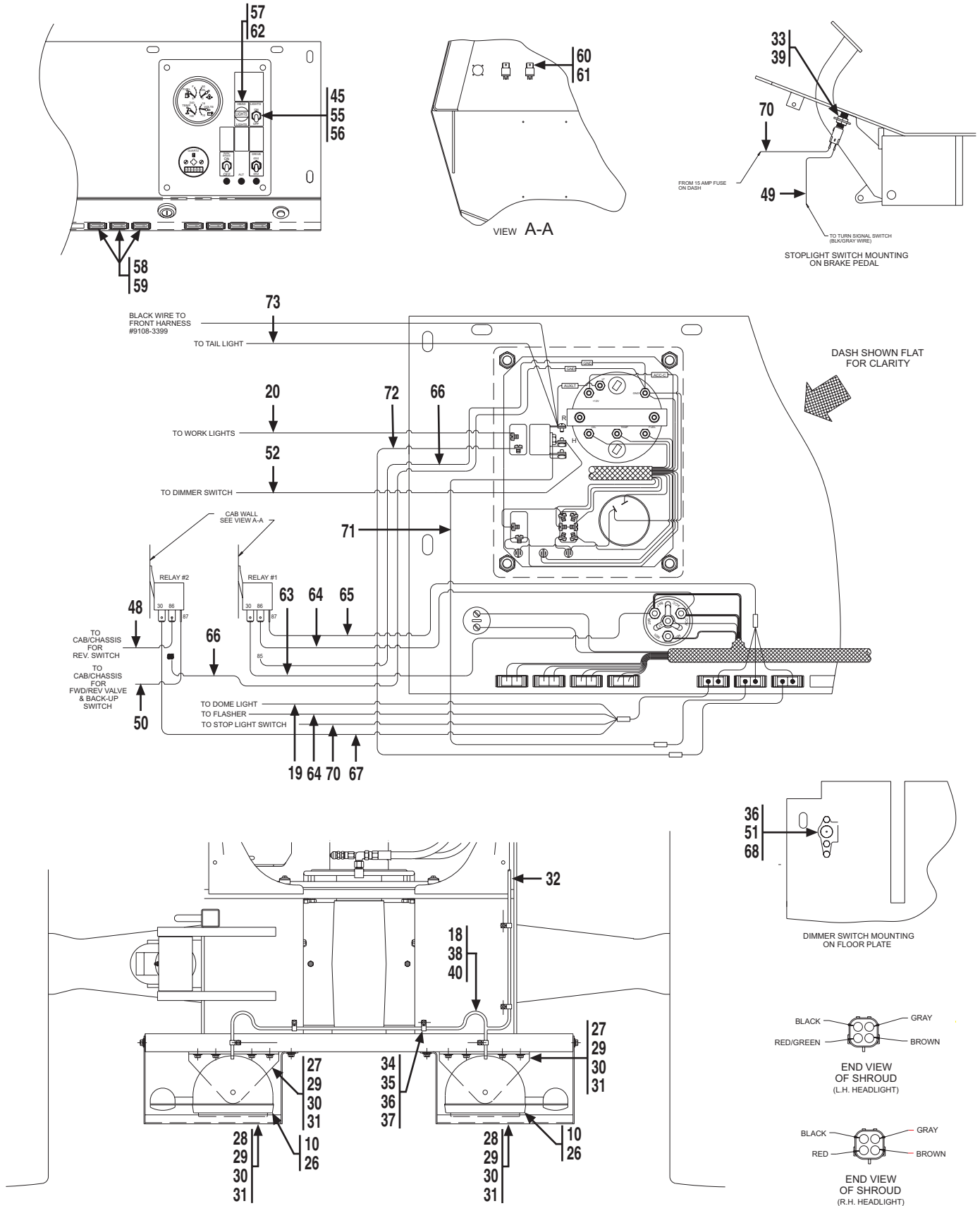


Item	Part No.	Qty.	Description Of Part
	9114-5101	1	WIPER FOR TOP WINDOW (includes all items)
1	9114-3196	1	WIPER MOTOR
2	9114-1341	1	MOUNTING PLATE
3	9103-3464	1	WIPER ARM
4	9114-3197	1	WIPER BLADE
5	8820-1003	1	HEX HD CAPSCREW, 1/4-20X3/4, GR5
6	8850-1004	1	HEX NUT, 1/4-20
7	9114-3090	1	TOP WINDOW
8		12.2"	GASKA TAPE
9	9108-1599	1	JUMPER WIRE
10	9002-7319	17	SELF TAPPING SCREW, 1/4-20X1
11	9114-1342	1	JUMPER WIRE
12	9002-7214	2	GROMMET
13	8668-3480	1	BUTT CONNECTOR
14	9114-3108	1	FUSE HOLDER
15	7736-3268	1	15 AMP FUSE
16	8698-3188	1	EYELET
17	1440-3190	AR	VULKEM CAULK

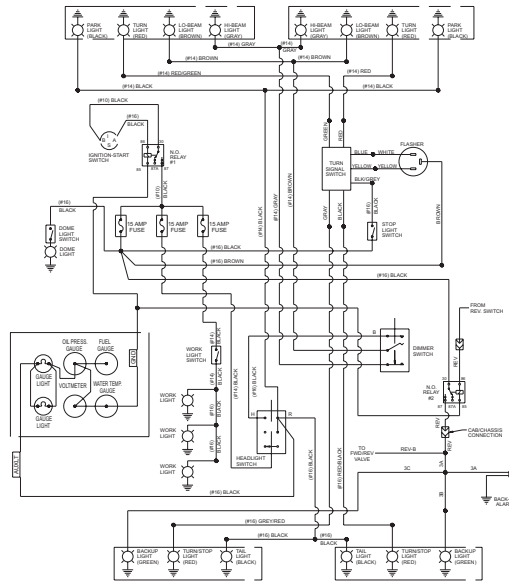


GRADALL®
MATERIAL HANDLER
534C-9

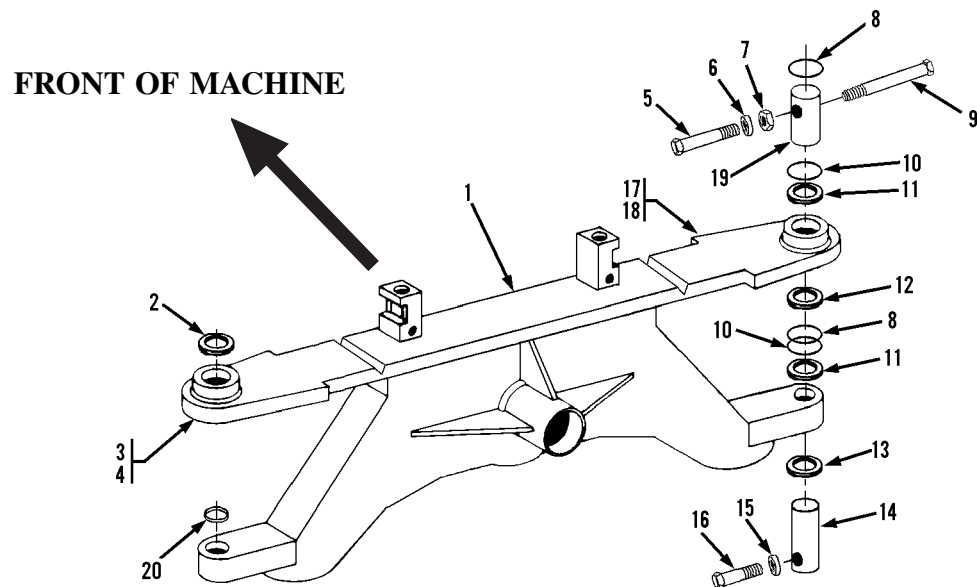
OPTIONAL EQUIPMENT
(9114-5100) Deluxe Light Package
 Starting Serial No. 0444003
 Original Issue 8-97
 Revised 10-6-00



ELECTRICAL SCHEMATIC

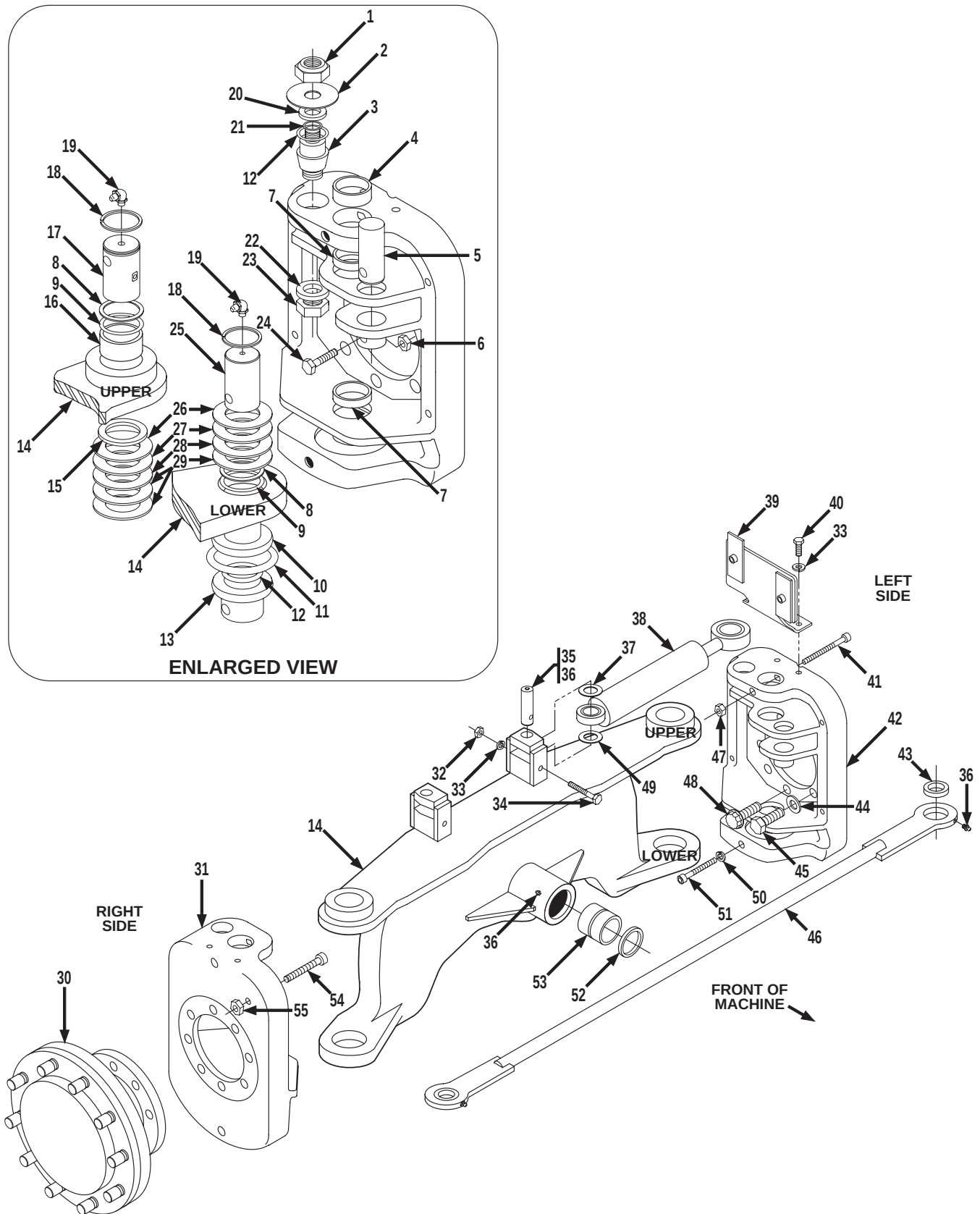


Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-5100	1	DELUXE LIGHT PACKAGE, (includes all items except item 53)	41	9136-5045	2	TAIL LIGHT ASSEMBLY, (includes the following seven items)
1	8096-3050	3	UTILITY FLOOD LIGHT		9112-3065	1	TAIL LIGHT
2	9114-1182	1	R.H. LIGHT SUPPORT		8666-1147	38"	WIRE, 16 GAUGE, (black)
3	9114-1183	1	L.H. LIGHT SUPPORT		8666-1149	38"	WIRE, 16 GAUGE, (green)
4	9114-1394	1	REAR LIGHT SUPPORT		8666-1152	38"	WIRE, 16 GAUGE, (red)
5	8096-3055	4	W. PARK CONNECTOR, (tower)		8668-3480	3	BUTT CONNECTOR
6	2486-1167	1	INTERIOR LIGHT		8203-3996	45"	WIRE LOOM
7	9101-1009	1	MOUNTING BRACKET		8668-3122	2	TIE WRAP
8	8832-1022	2	SELF TAPPING SCREW, #8-32X3/8	42	9114-1390	2	REAR LIGHT BRACKET
9	9101-3026	1	PIG TAIL CONNECTOR	43	9112-1146	2	TAIL LIGHT BRACKET
10	8698-3193	14	BULLET CONNECTOR	44	8820-1035	8	HEX HD CAPSCREW, 3/8-16X1, GR5
11	8668-3480	4	BUTT CONNECTOR	45	9136-3009	1	LIGHTS ON/OFF DECAL
12	9002-7319	6	DRILL & TAP SCREW, 1/4-20X1	46	8850-1006	8	HEX NUT, 3/8-16
13	9002-7214	11	RUBBER GROMMET	47	8096-3060	2	W. PACK CONNECTOR, (shroud)
14	9002-9955	1	RUBBER GROMMET	48	9112-1193	1	JUMPER WIRE
15	8688-3260	3	EYELET	49	9114-1257	1	JUMPER WIRE
16	8096-3056	3	W. PACK CONNECTOR, (shroud)	50	9108-1665	1	JUMPER WIRE
17	8096-3068	4	W. PACK CONNECTOR, (female pin)	51	8820-1002	3	HEX HD CAPSCREW, 1/4-20X5/8, GR5
18	8096-3069	17	W. PACK CONNECTOR, (male pin)	52	9108-1614	1	JUMPER WIRE
19	9112-1151	1	JUMPER WIRE	53	9020-7220	1	MOUNTING BAR
20	9114-3226	1	LIGHT HARNESS	54	9114-6062	2	TAIL LIGHT GUARD
21	9105-3419	7	TIE WRAP	55	7738-3467	1	LIGHT SWITCH
22	8668-3122	6	TIE WRAP	56	7738-3470	1	BOOT
23	8096-3066	13	W. PACK CONNECTOR, (cable seal)	57	8668-3127	1	HEADLAMP SWITCH
24	9020-0999	1	TURN SIGNAL SWITCH	58	9114-3108	3	FUSE HOLDER
25	8098-3168	1	FLASHER SWITCH	59	7736-3268	3	FUSE, 15 AMP
26	9108-3398	1	HEAD/TURN/PARK/LAMP/KIT	60	7738-3410	2	RELAY
27	9114-1385	2	FRONT LAMP BRACKET	61	8832-1039	2	SELF TAPPING SCREW, #10-32X1/2
28	9114-6061	2	HEADLIGHT GUARD	62	9114-3363	1	HEAD LIGHT DECAL
29	8820-1034	16	HEX HD CAPSCREW, 3/8-16X7/8, GR5	63	9112-1186	1	JUMPER WIRE
30	8856-1004	16	FLAT WASHER, 3/8	64	9112-1187	1	JUMPER WIRE
31	8855-1011	24	LOCKWASHER, 3/8	65	9108-1686	1	JUMPER WIRE
32	9108-3399	1	FRONT WIRING HARNESS	66	9114-1265	2	JUMPER WIRE
33	9114-3117	1	STOP LIGHT SWITCH	67	9108-1687	1	JUMPER WIRE
34	8366-1336	6	WELD STUD, 1/4-20X5/8	68	8668-3136	1	DIMMER SWITCH
35	8662-1230	6	SUPPORT CLAMP	69	9108-1688	1	JUMPER WIRE
36	8855-1009	9	LOCKWASHER, 1/4	70	9114-1256	1	JUMPER WIRE
37	8850-1004	6	HEX NUT, 1/4-20	71	9108-1689	1	JUMPER WIRE
38	8096-3062	2	W. PACK CONNECTOR, (shroud)	72	9112-1216	1	JUMPER WIRE
39	9114-1197	1	MOUNTING TAB	73	9108-3400	1	REAR WIRING HARNESS
40	8096-3067	8	W. PACK CONNECTOR, (cable seal)				



Item	Part No.	Qty.	Description Of Part
	9114-5136	1	REAR AXLE REWORK KIT (includes all items)
1		1	REAR AXLE WELDMENT
2	9112-3028	2	BUSHING
3	9114-5134	1	LUG REWORK ASSY (includes items 2 & 4)
4	9114-6111	1	LUG WELD
5	8821-1117	2	SOCKET HEAD CAPSCREW, 1/2-13x4-1/2, GR8
6	8855-1109	2	LOCKWASHER, 1/2
7	8852-1208	2	HEX LOCKNUT, 1/2
8	8858-1323	4	RETAINING RING
9	8821-1121	2	SOCKET HEAD CAPSCREW, 1/2-13x6-1/2, GR8
10	9112-3030	4	BACK-UP RING
11	8859-1032	2	O-RING
12	8692-1268	2	LIP SEAL
13	9112-3029	2	O-RING
14	9114-1424	2	LOWER KING PIN
15	8855-1153	2	LOCKWASHER, 5/8
16	8821-2321	2	SOCKET HEAD CAPSCREW, 5/8-11x3-3/4, GR8
17	9114-5135	1	LUG REWORK ASSY (includes items 2 & 18)
18	9114-6112	1	LUG WELD
19	9108-1693	2	UPPER KING PIN
20	9112-3027	2	BUSHING

* Revised illustration.

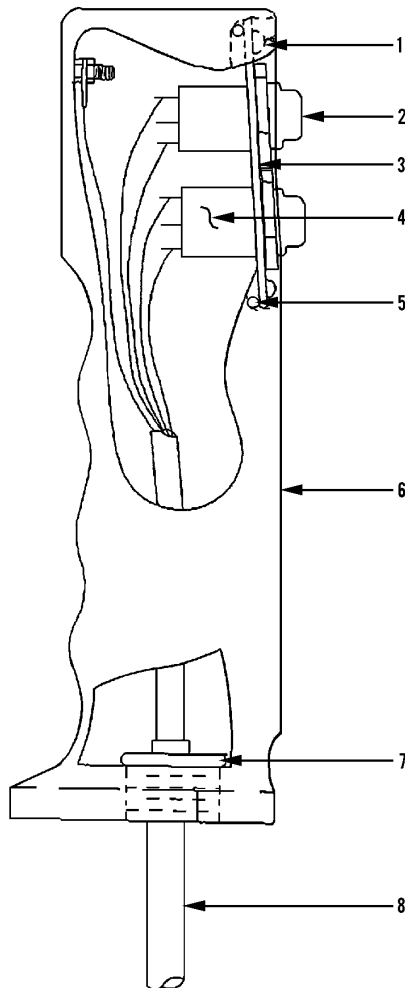


NOTE #1: Customer to use existing wheel hubs & hardware, drive motors, drive motor tube assemblies, and drain line hoses or order separately if replacement is required.

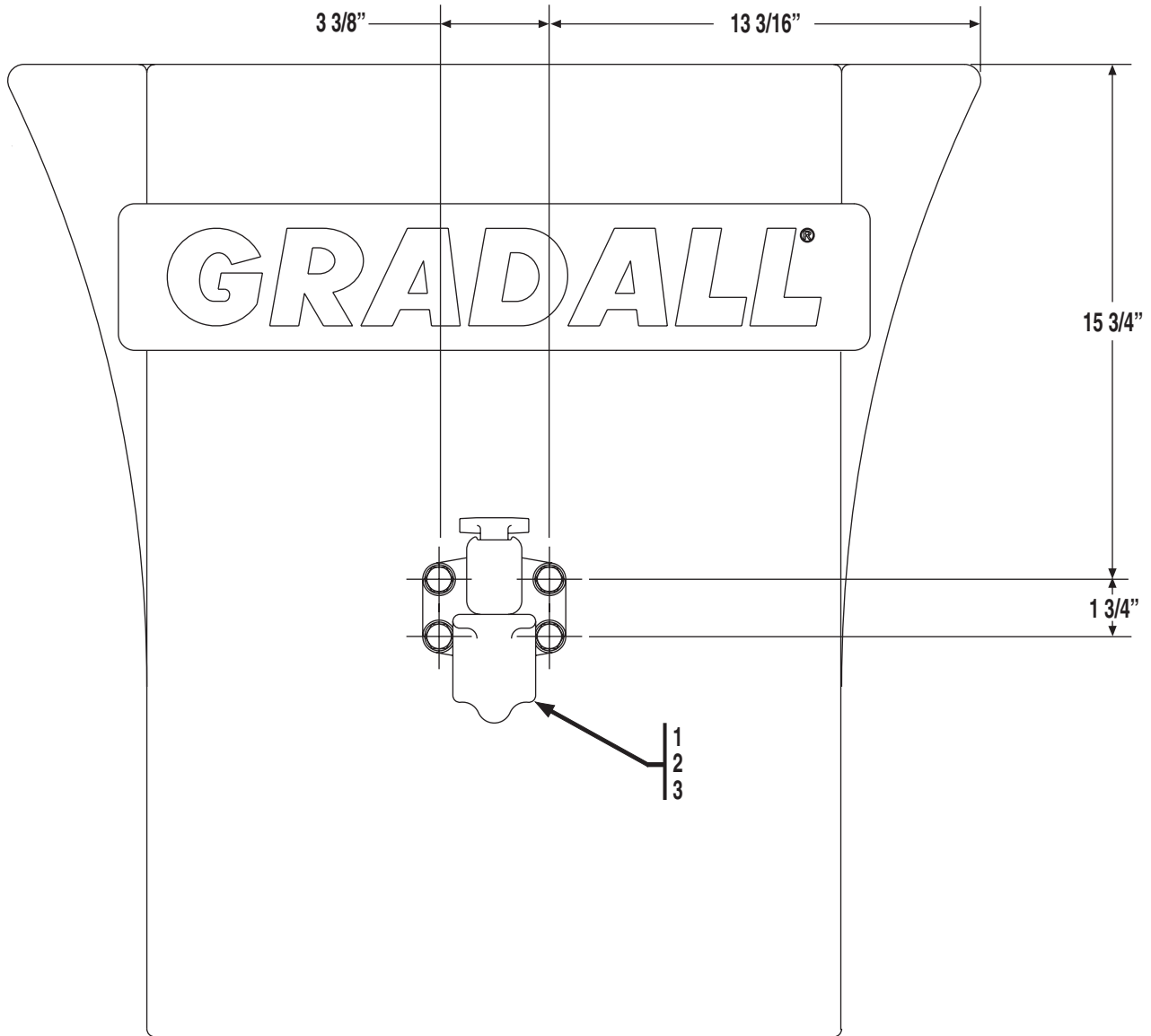
NOTE #2: Cylinder base end must be free to rotate. Shim steer cylinder base end as required to maintain a total max. gap of 1/16".

NOTE #3: Shim bottom knuckles as required to maintain no more than 1/32" movement. Shim top knuckles as required to maintain no more than 1/16" gap. Must have a minimum of one shim.

Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9114-5042	Ref	REAR AXLE ADVANTAGE KIT (includes all items except 30, 44, 45 & 48)	31	9112-0004	1	R.H. STEERING KNUCKLE
1	8852-1312	2	HEX LOCKNUT, 3/4-10 (torque to 160-175 ft. lbs.)	32	8850-1006	2	HEX NUT, 3/8-16
2	9108-1415	2	DIRT SHIELD	33	8855-1011	6	LOCKWASHER, 3/8
3	9104-1481	2	STEERING CYLINDER PIN (knuckle end)	34	8320-1144	2	HEX HD CAPSCREW, 3/8-16X5-3/4, GR5
4	9112-1239	2	BUSHING	35	9108-1695	2	STEERING CYLINDER PIVOT PIN (axle end)
5	9104-1439	2	TIE ROD PIN	36	8867-1001	6	LUBE FITTING, STRAIGHT, 1/8
6	8852-1306	2	LOCKNUT, 3/8-16	37	9104-1598	AR	SHIM (.060 thick, see note #2)
7	9112-1240	4	BUSHING	38		2	STEERING CYLINDER ASSY (see page 10-6 for details)
8	9112-3030	4	BACK-UP RING	39	9116-6056	1	L.H. TUBE SUPPORT
9	8859-1032	4	O-RING		9116-6055	1	R.H. TUBE SUPPORT
10	9112-3027	2	BUSHING (lower)	40	8820-1035	4	HEX HD CAPSCREW, 3/8-16X1, GR5
11	9112-3029	2	O-RING	41	8821-1121	2	SOCKET HD CAPSCREW, 1/2-13X6-1/2, GR8
12	8859-1104	4	O-RING	42	9112-0003	1	L.H. STEERING KNUCKLE
13	9112-1091	2	THRUST BUSHING	43	9104-3247	2	SELF-ALIGNING BUSHING
14	9116-6012	1	REAR AXLE WELDMENT (includes items 10, 16 & 53)	44		12	HARDENED WASHER, 3/4 (use existing hardware, see page 2-2 for details)
15	8692-1268	2	LIP SEAL	45		12	HEX HD CAPSCREW, 3/4-10X2 (use existing hardware, see page 2-2 for details)
16	9112-3028	2	BUSHING (upper)	46	9116-6063	1	TIE ROD (includes item 43)
17	9108-1693	2	UPPER KING PIN	47	8852-1208	2	HEX LOCKNUT, 1/2
18	8858-1323	4	RETAINING RING	48		2	CAPSCREW 12 PT., 3/4-10X2, GR8 (use existing hardware, see page 2-2 for details)
19	8867-1022	4	LUBE FITTING, 30 DEGREES, 1/8	49	9020-1918	AR	SHIM (10 gauge, see note #2)
20	9104-1732	AR	SPACER	50	8855-1153	2	LOCKWASHER, 5/8
21	8859-1019	2	O-RING	51	8821-2321	2	SLOT HD CAPSCREW, 5/8-11X3-3/4, GR8
22	9104-1459	2	WASHER	52	2460-1570	2	LIP SEAL
23	8850-1416	2	HEX JAM NUT, 1-14 (torque to 225-250 ft. lbs.)	53	9112-3031	2	BUSHING
24	8320-1140	2	HEX HD CAPSCREW, 3/8-16X2-3/4, GR8	54	8821-2321	2	SOCKET HD CAPSCREW, 5/8-11X3-3/4, GR8
25	9114-1424	2	LOWER KING PIN	55	8850-1110	2	HEAVY HEX JAM NUT, 5/8-11
26	9104-1596	AR	SHIM (20 gauge, see note #3)				
27	9104-1449	AR	SHIM (.060 thick, see note #3)				
28	9104-1450	AR	SHIM (.0478 thick, see note #3)				
29	9104-1451	AR	SHIM (.106 thick, see note #3)				
30		2	DRIVE HUB (use existing hubs, see page 2-2 & 6-8 for details)				



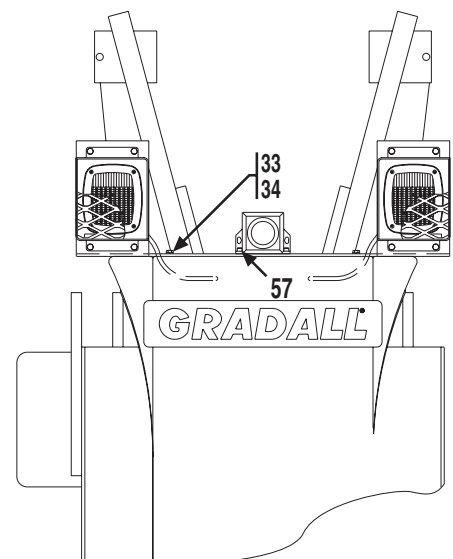
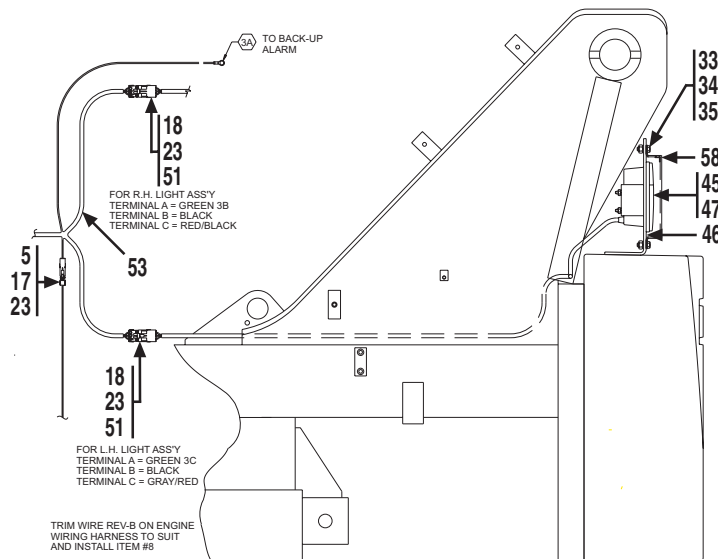
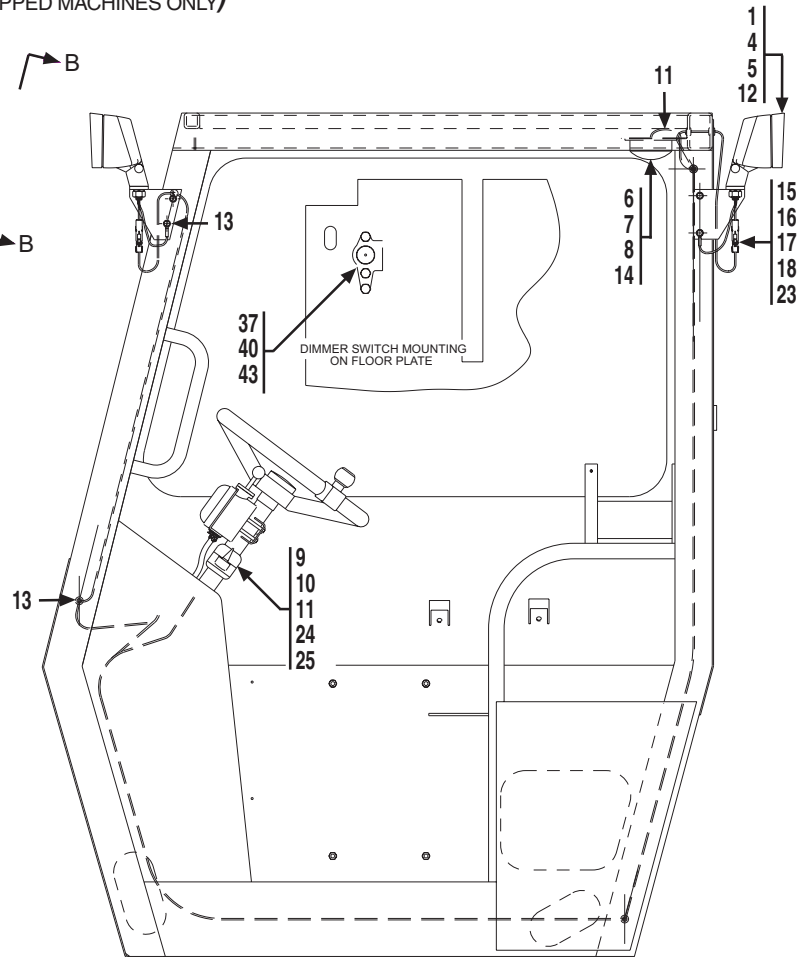
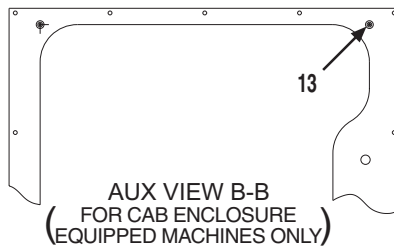
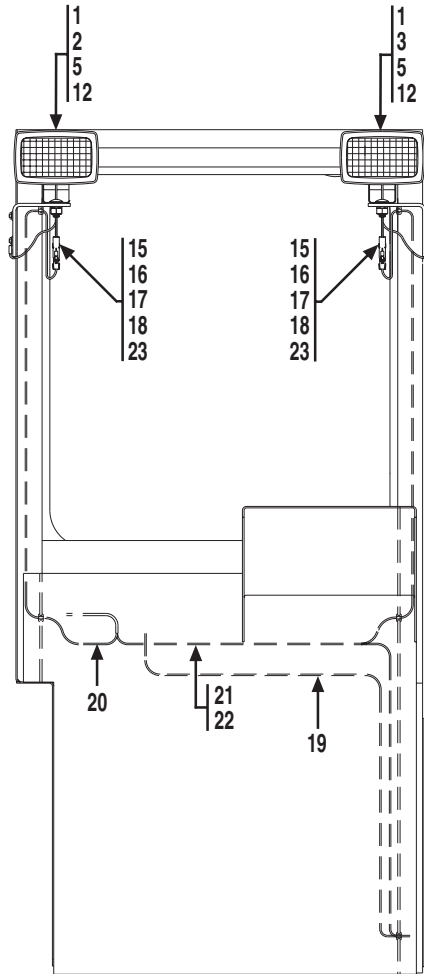
Item	Part No.	Qty.	Description Of Part
	9103-3387	1	5-BUTTON HANDLE (includes all items)
1	9136-4015	3	FACEPLATE SCREW
2	9136-4016	5	PUSHBUTTON BOOT
3	9136-4017	1	FACEPLATE
4	9136-4018	5	PUSHBUTTON SWITCH
5	9136-4019	1	FACEPLATE GASKET
6	9136-4020	1	HOUSING
7	9136-4021	1	CABLE STOP
8	9136-4022	1	CABLE (2.75 ft.)



Item	Part No.	Qty.	Description Of Part
	9103-5101	1	PINTLE HOOK INSTALLATION, (includes all items)
1	9020-0602	1	PINTLE HOOK
2	8320-1120	4	HEX HD CAPSCREW, 1/2-13 X1-3/4, GR 8
3	8855-1013	4	LOCKWASHER, 1/2

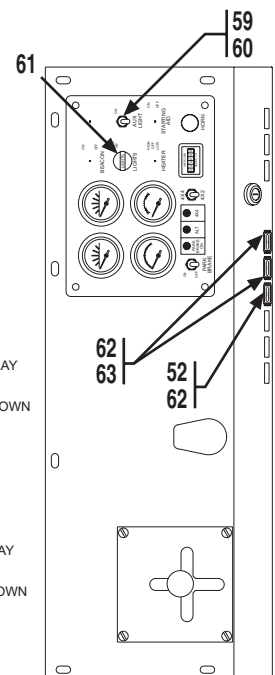
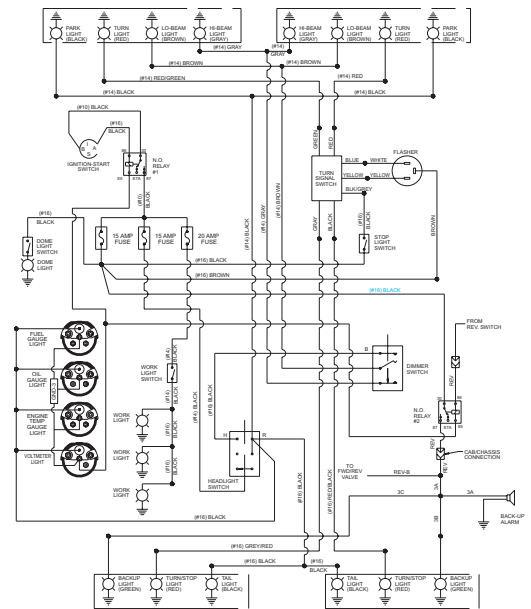
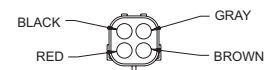
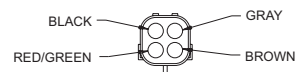
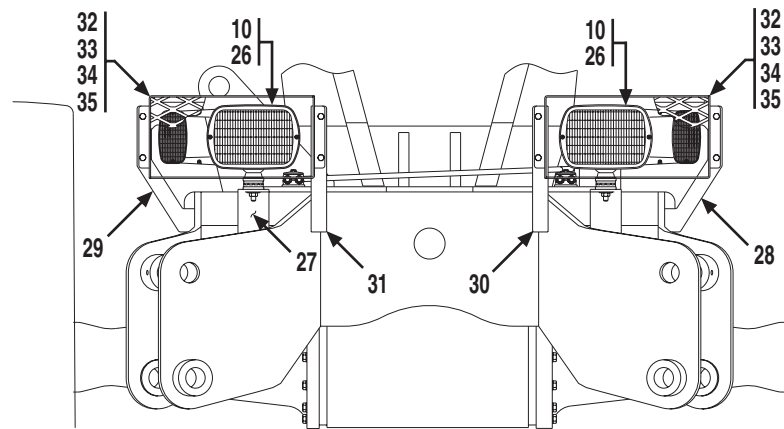
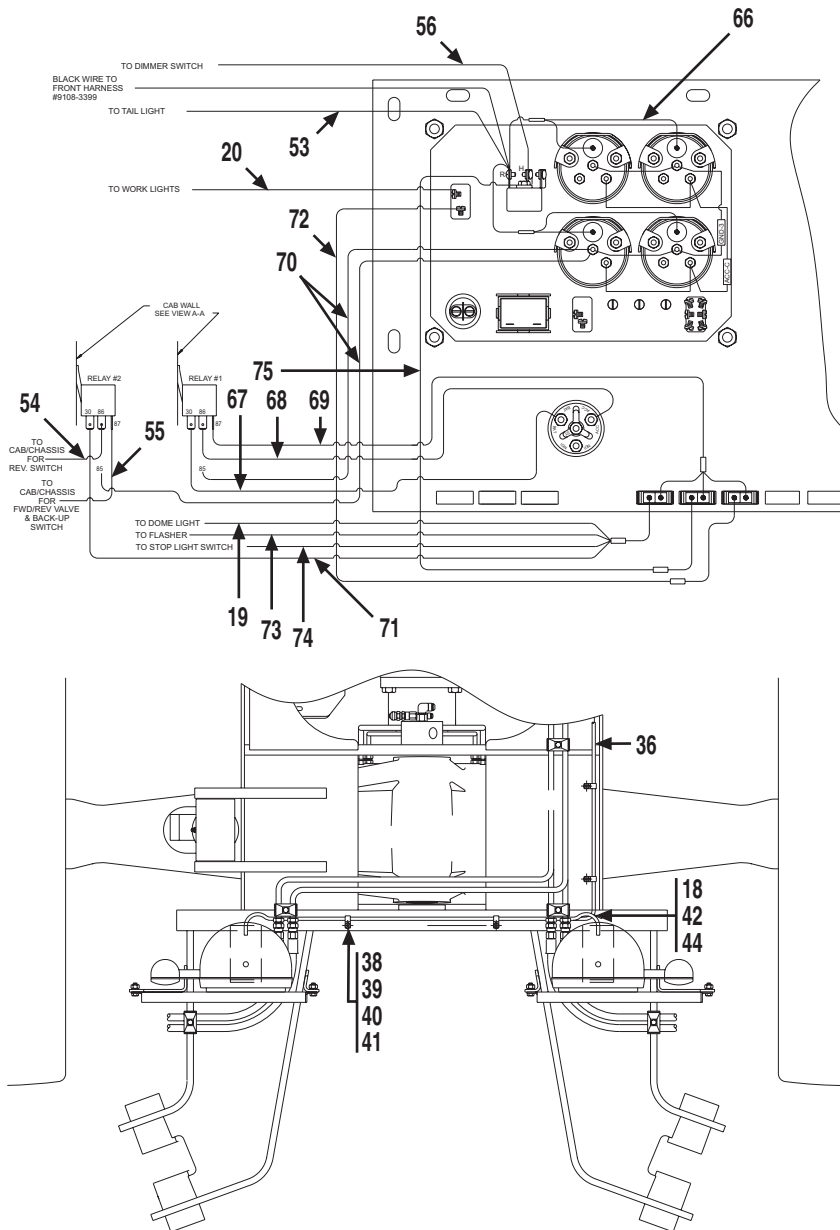
GRADALL®
MATERIAL HANDLER
534C-10

OPTIONAL EQUIPMENT
(9115-5024) Deluxe Light Package
 Starting Serial No. 0266001
 Original Issue 10-00



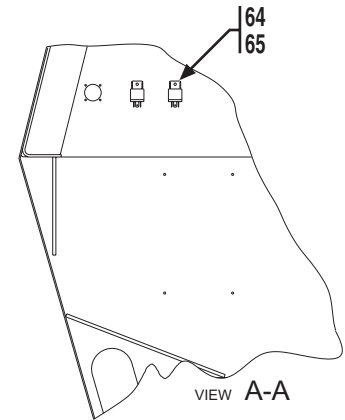
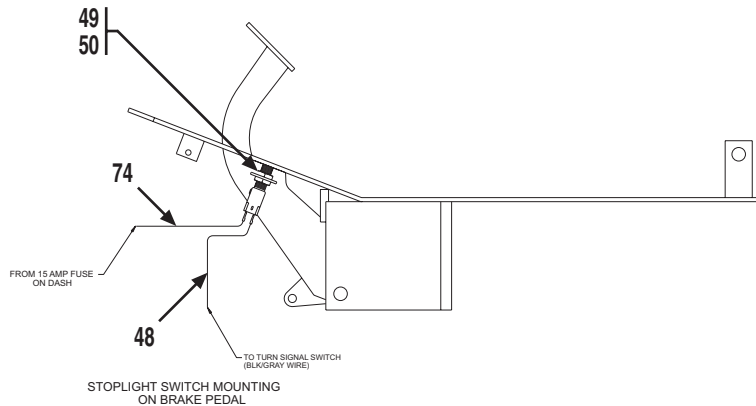
GRADALL® MATERIAL HANDLER 534C-10

OPTIONAL EQUIPMENT (9115-5024) Deluxe Light Package Starting Serial No. 0266001 Original Issue 10-00

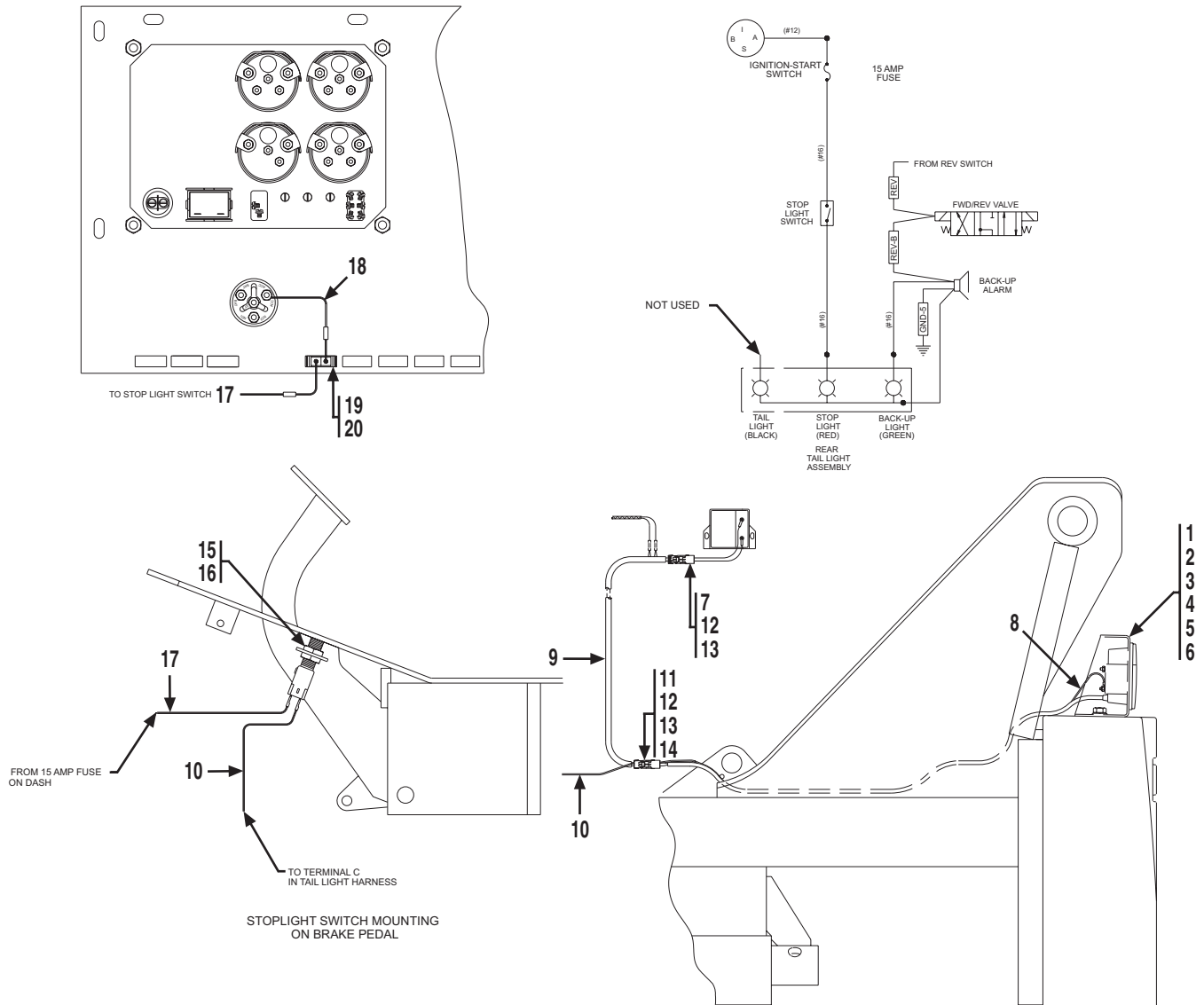


GRADALL®
MATERIAL HANDLER
534C-10

OPTIONAL EQUIPMENT
(9115-5024) Deluxe Light Package
Starting Serial No. 0266001
Original Issue 10-00



Item	Part No.	Qty.	Description Of Part	Item	Part No.	Qty.	Description Of Part
	9115-5024	1	DELUXE LIGHT PACKAGE, (includes all items)	41	8850-1004	4	HEX NUT, 1/4-20
1	8096-3050	3	UTILITY FLOOD LIGHT	42	8096-3062	2	W. PACK CONNECTOR, (shroud)
2	9114-1182	1	R.H. LIGHT SUPPORT	43	8668-3136	1	DIMMER SWITCH
3	9114-1183	1	L.H. LIGHT SUPPORT	44	8096-3067	8	W. PACK CONNECTOR, (cable seal)
4	9114-1394	1	REAR LIGHT SUPPORT	45	9136-5045	1	TAIL LIGHT ASSEMBLY, (includes the following seven items)
5	8096-3055	4	W. PARK CONNECTOR, (tower)		9112-3065	1	TAIL LIGHT
6	2486-1167	1	INTERIOR LIGHT		8666-1147	38"	WIRE, 16 GAUGE, (black)
7	9101-1009	1	MOUNTING BRACKET		8666-1149	38"	WIRE, 16 GAUGE, (green)
8	8832-1022	2	SELF TAPPING SCREW, #8-32X3/8		8666-1152	38"	WIRE, 16 GAUGE, (red)
9	9101-3026	1	PIG TAIL CONNECTOR		8668-3480	3	BUTT CONNECTOR
10	8698-3193	14	BULLET CONNECTOR		8203-3996	45"	WIRE LOOM
11	8668-3480	4	BUTT CONNECTOR		8668-3122	2	TIE WRAP
12	9002-7319	6	DRILL & TAP SCREW, 1/4-20X1	46	9115-1032	1	REAR LIGHT BRACKET
13	9002-7214	11	RUBBER GROMMET	47	9112-1146	2	TAIL LIGHT BRACKET
14	9002-9955	1	RUBBER GROMMET	48	9114-1257	1	JUMPER WIRE
15	8688-3260	3	EYELET	49	9114-3117	1	STOP LIGHT SWITCH
16	8096-3056	3	W. PACK CONNECTOR, (shroud)	50	9114-1197	1	MOUNTING TAB
17	8096-3068	4	W. PACK CONNECTOR, (female pin)	51	8096-3060	2	W. PACK CONNECTOR, (shroud)
18	8096-3069	17	W. PACK CONNECTOR, (male pin)	52	7736-3302	1	FUSE, 20 AMP
19	9112-1151	1	JUMPER WIRE	53	9108-3400	1	REAR WIRING HARNESS
20	9114-3226	1	LIGHT HARNESS	54	9112-1193	1	JUMPER WIRE
21	9105-3419	7	TIE WRAP	55	9108-1665	1	JUMPER WIRE
22	8668-3122	6	TIE WRAP	56	9108-1614	1	JUMPER WIRE
23	8096-3066	13	W. PACK CONNECTOR, (cable seal)	57	8821-2227	2	SOCKET HDCAPSCREW, #5/16-18X1
24	9020-0999	1	TURN SIGNAL SWITCH	58	9114-6062	2	TAIL LIGHT GUARD
25	8096-3168	1	FLASHER SWITCH	59	7738-3467	1	LIGHT SWITCH
26	9108-3398	1	HEAD/TURN/PARK/LAMP/KIT	60	7738-3470	1	BOOT
27	9104-1728	2	HEADLIGHT MGT. BRACKET	61	8668-3127	1	HEADLAMP SWITCH
28	9115-1023	1	L.H. OUTER LIGHT BRACKET	62	9114-3108	3	FUSE HOLDER
29	9115-1024	1	R.H. OUTER LIGHT BRACKET	63	7736-3268	2	FUSE, 15 AMP
30	9115-1025	1	L.H. INNER LIGHT BRACKET	64	7738-3410	2	RELAY
31	9115-1026	1	R.H. INNER LIGHT BRACKET	65	8832-1039	2	SELF TAPPING SCREW, #10-32X1/2
32	9115-6008	2	HEADLIGHT GUARD	66	9103-3360	4	GUAGE LIGHTING KIT
33	8820-1035	18	HEX HD CAPSCREW, 3/8-16X1	67	9112-1186	1	JUMPER WIRE
34	8855-1011	18	LOCKWASHER, 3/8	68	9112-1187	1	JUMPER WIRE
35	8850-1006	16	HEX NUT, 3/8-16	69	9108-1686	1	JUMPER WIRE
36	9108-3399	1	FRONT WIRING HARNESS	70	9114-1265	2	JUMPER WIRE
37	8820-1002	3	HEX HD CAPSCREW, 1/4-20X5/8, GR5	71	9108-1687	1	JUMPER WIRE
38	8366-1336	4	WELD STUD, 1/4-20X5/8	72	9112-1216	1	JUMPER WIRE
39	8662-1230	4	SUPPORT CLAMP	73	9108-1688	1	JUMPER WIRE
40	8855-1009	7	LOCKWASHER, 1/4	74	9114-1256	1	JUMPER WIRE
				75	9108-1689	1	JUMPER WIRE



Item	Part No.	Qty.	Description Of Part
	9112-5055	1	STOP LIGHT INSTALLATION, (includes all items)
1	9112-1145	1	TAIL LIGHT HOUSING
2	9112-1146	1	TAIL LIGHT BRACKET
3	9136-5045	1	TAIL LIGHT ASSEMBLY, (includes the following seven items)
	9112-3065	1	TAIL LIGHT
	8666-1147	38"	WIRE, 16 GAUGE, (black)
	8666-1149	38"	WIRE, 16 GAUGE, (green)
	8666-1152	38"	WIRE, 16 GAUGE, (red)
	8668-3480	3	BUTT CONNECTOR
	8203-3996	45"	WIRE LOOM
	8668-3122	2	TIE WRAP
4	8820-1108	1	HEX HD CAPSCREW, 3/4-10X1-1/4, GR5
5	8856-1115	1	FLAT WASHER, 3/4

Item	Part No.	Qty.	Description Of Part
6	8855-1016	1	LOCKWASHER, 3/4
7	8096-3058	1	W. PACK CONNECTOR, (shroud)
8	9114-1364	1	JUMPER WIRE
9	9114-3210	1	TAIL LIGHT HARNESS
10	9114-1257	1	JUMPER WIRE
11	8096-3062	1	W. PACK CONNECTOR, (shroud)
12	8096-3069	5	W. PACK CONNECTOR, (male pin)
13	8096-3066	5	W. PACK CONNECTOR, (cable seal)
14	8096-3070	2	W. PACK CONNECTOR, (cavity plug)
15	9114-1197	1	MOUNTING TAB
16	9114-3117	1	STOPLIGHT SWITCH
17	9114-1256	1	JUMPER WIRE
18	9114-1259	1	JUMPER WIRE
19	9114-3108	1	FUSE HOLDER
20	7736-3268	1	FUSE, 15 AMP