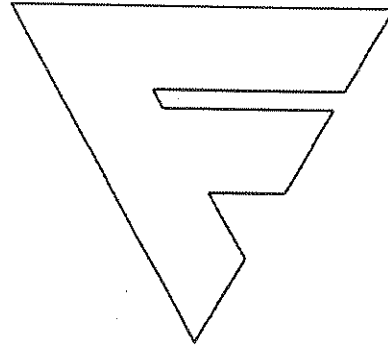


FREEMAN



MODEL 1592 BALER

PARTS MANUAL

CAUTION PRUDENCE



ACHTUNG PAS OP

1. Keep all shields in place.
2. Always stop engine before leaving operator's position and in any case, make sure precautions are taken.
3. Wait for all movement to stop before servicing this machine.
4. Keep hands, feet and clothing away from power driven parts.
5. Never adjust, lubricate, clean or unclog unless engine is stopped.
6. Read operator's manual before operating machine. Illustrated parts listing is available from your dealer.
7. After servicing, make sure that tools and parts are stored and reinstall shields.
8. Make certain everyone is clear of machine before starting engine or operation.
9. Contact with moving parts or with any material which can be drawn into moving parts can result in serious injury.
10. Use flashing warning lights when operating on highways except when prohibited by law.

1. Bevor mit der Maschine gearbeitet wird, sind die Bedienungseinstellung und die angebrachten Hinweisschilder zu lesen. Alle Sicherheitsvorschriften sind einzuhalten.
2. Vor Inbetriebnahme ist darauf zu achten, dass alle Schutzvorrichtungen angebracht sind, und dass sich keine Person im Gefahrenbereich der Maschine aufhält.
3. Instandsetzungs-, Einstellungs-, Wartungs- und Reinigungsarbeiten nur bei abgeschaltetem Antrieb und stillstehender Maschine vornehmen.
4. Werkzeuge oder andere lose Teile nicht in oder auf der Maschine belassen.
5. Bei Fahrten auf öffentlichen Straßen sind die in Ihrem Lande geltende Vorschriften und Regelungen einzuhalten.

1. Maintenir tous les protecteurs en place.
2. Toujours arrêter le moteur avant de quitter le poste de conduite et, d'une façon générale, s'assurer que toutes les précautions sont prises.
3. Attendre l'arrêt de toutes les pièces en mouvement avant d'intervenir sur la machine.
4. Ne pas approcher mains, pieds, vêtements des parties en mouvement.
5. Ne jamais régler, graisser, nettoyer ou déboucher la machine sans que le moteur soit arrêté.
6. Prendre connaissance du manuel d'utilisation avant de travailler avec la machine. Le catalogue pièces de rechanges est disponible chez votre concessionnaire.
7. Après intervention, veiller à ce que les outils et pièces soient rangés et remettre les carter en place.
8. S'assurer que personne n'est près de la machine avant de démarrer le moteur ou de travailler.
9. Risque de dégâts importants si quelqu'un ou quelque chose est happé par des pièces en mouvement.
10. Utiliser les feux de détresse pour la conduite sur routes, sauf si la loi l'interdit.

1. Beschermplaten niet verwijderen
2. Zet de motor altijd uit als u de cabine verlaat of neem voorzorgsmaatregelen
3. Wacht met onderhoud tot alle onderdelen stil staan
4. Breng handen, voeten en kleding niet in aanraking met draaiende delen
5. Doe nooit iets aan de machine voordat de motor stilstaat
6. Lees de handleiding voor bediening van de machine. een uitgebreide onderdelenlijst is verkrijgbaar bij uw dealer
7. Verzeker u ervan dat na onderhoud al het gereedschap en onderdelen weer op hun plaats zijn
8. Verzeker u ervan dat niemand in of bij de machine is als u de motor aanzet
9. Contact met bewegende onderdelen kan verwondingen veroorzaken
10. Gebruik op de openbare weg altijd uw zwaailamp

INTRODUCTION

HOW TO USE THE MANUAL

This manual contains illustrations and parts lists of components and assemblies which make up the machine. Each page consists of the name of the assembly or component, a figure number, reference numbers, part numbers, part names, and the quantities of the parts used.

Assembly or component name helps identify the illustration and parts list for each figure. This name also helps locate the general area of the machine where the assembly or component can be located.

Figure numbers are used to identify each assembly or component and to group these assemblies or components into major categories.

Reference numbers shown in a column refers to the numbered parts in the illustration. This ties the part in the illustration to the part number and description in the parts list.

Part numbers are used to identify individual parts or part assemblies.

Part descriptions provide the name of the part, plus additional information such as dimensional specifications and what parts are grouped together to form part assemblies, which helps you identify the part(s).

Quantities listed for each figure are only for that assembly or component and not the total used per machine.

This parts manual is not intended to be a complete guide for machine service or repairs. Contact your dealer for any of your service or technical requirements.

UPDATING AND REORDERING MANUALS

The parts lists, illustrations, and specifications in this manual are based on the latest information available at time of publication. Your machine may have product improvements and options not yet contained in this manual.

J.A. Freeman & Sons, Inc. reserves the right to make changes at any time without notice or obligation to you.

Your dealer will receive notice of these changes and can assist you with accurate parts identification when ordering.

A copy of this manual is supplied with each machine. Additional copies are available through your dealer. When ordering additional manuals, use the reorder number listed on the front cover and the quantity needed.

PMMY98-1
SERIAL NO. 501-
ORDER NO. PB 33494

PARTS LIST

for

MODEL 1592 BALER



POLICY

1. It is the policy of J.A. Freeman & Son, Inc. to constantly improve it's products whenever it is practical to do so.
2. J.A. Freeman & Son, Inc. reserves the right to redesign or change it's equipment or component parts thereof without incurring any obligation to install or furnish such changes on equipment previously delivered.
3. Unauthorized changes or additions to equipment manufactured by J.A. Freeman & Son Inc. relieves the company of further responsibility for warranted operation and breakage replacement.

LIMITED WARRANTY

J.A. Freeman & Son, Inc. guarantees all new equipment manufactured by them to be free from defects in material and workmanship for one season or part thereof from date of delivery to the retail purchaser. One copy of the "EQUIPMENT DELIVERY AND WARRANTY REGISTRATION" must be correctly completed and returned to J.A. Freeman & Son, Inc. in order to validate the warranty. The obligation under this warranty is limited to the replacement or repair at our Portland, Oregon factory or at a point designated by us of such parts that appear to us upon inspection to have been defective in material or workmanship.

J.A. Freeman & Son, Inc. obligation under this warranty is limited to repairing or replacing, at its option, any part that in the J.A. Freeman & Son, Inc. judgment is defective when returned to the factory.

The provisions of this warranty shall not apply to any equipment which has been subject to misuse, negligence, alteration or accident, or which shall have been repaired with parts other than those obtainable through J.A. Freeman & Son, Inc.

Except as set forth, J.A. Freeman & Son, Inc. shall not be liable for injuries or damages of any kind or nature, direct, consequential, or contingent, to person or property. This warranty does not extend to loss of crops, loss because of delay or loss incurred for labor, supplies, substitute machinery, rental or for any other reason.

J.A. Freeman & Son, Inc. makes no warranties whatsoever in respect to tires, engines, alternators, batteries, or other trade accessories, inasmuch as they are usually warranted by their respective manufacturers.

NOTE: J.A. Freeman & Son, Inc. reserves the right to make improvements in design or changes in specifications without notice at any time and without incurring any obligation to owners of units previously sold.

THE BALER REGISTRATION REPORT MUST BE CORRECTLY COMPLETED AND RETURNED TO J.A. FREEMAN & SON, INC. IN ORDER TO VALIDATE THE LIMITED WARRANTY.

SAFETY

J.A. Freeman & Son is greatly concerned with safety. The Freeman Baler is furnished with safety features. Even with these safety features, personal injury can still occur if the operator is careless, negligent or thoughtless when maintaining, lubricating, operating, unclogging, or servicing the baler.

Your Freeman Baler has safety shields to help prevent personal injury. Do not operate the baler unless all shields are in place. There are also **"CAUTION," "DANGER,"** and **"BE CAREFUL"** decals on the baler. Read and pay attention to the decals.

Following is a list of precautions that should be taken to help prevent personal injury:

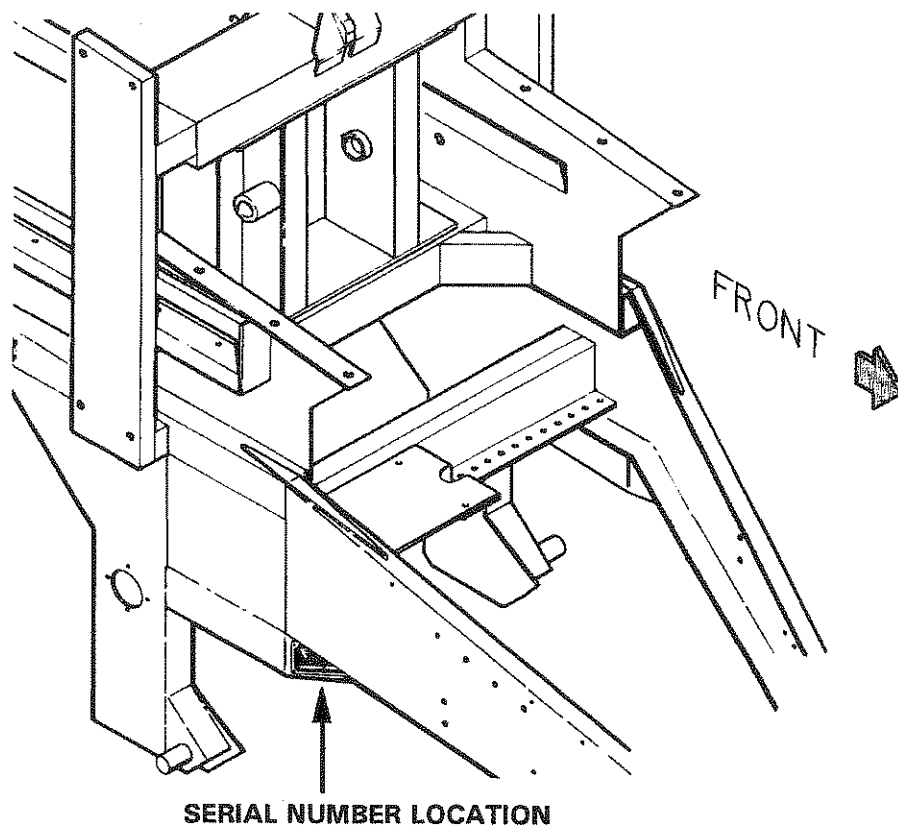
1. Keep all shields in place.
2. Shut off tractor , before adjusting, lubricating, cleaning, or unclogging baler.
3. Wait for all movement to stop before servicing baler.
4. Keep hands, feet, and clothing away from power driven parts.
5. Keep all shields installed and keep clear of the P.T.O. drive line.
6. Keep all others off baler.
7. Use appropriate signs or warning lights when operating on highways.
8. Make certain everyone is clear of baler before engaging P.T.O. drive line.
9. Do not ride on any part of the baler while in operation.
10. Keep hands and feet clear of pickup.
11. Keep hands away from knottter when baler P.T.O. drive is engaged.
12. Periodically check all nuts and bolts for tightness.
13. Always use lights for night work.
14. As a safety precaution it is recommended that an **"A" "B" "C"** fire extinguisher be carried on the baler at all times. It is also recommended to carry a four gallon water container with pump, or as required by local and state law.
15. Avoid loose clothing which can easily be caught in moving parts.
16. Remember **"SAFETY"** is only a word until it is put into practice.

 **WARNING:** SOME ILLUSTRATIONS IN THIS PARTS LIST SHOW THE BALER WITHOUT SHIELDS TO ALLOW FOR A BETTER VIEW OF THE AREA BEING ADDRESSED. THE BALER SHOULD NEVER BE OPERATED WITH ANY OF THE SAFETY SHIELDS REMOVED.

SERIAL NUMBER LOCATION AND BALER IDENTIFICATION

SERIAL NUMBER LOCATION

The serial number is an important piece of information about the machine and it may be necessary to know it before obtaining the correct replacement part. The serial number is located on the right front tongue brace as shown.



WARNING: SOME ILLUSTRATIONS IN THIS PARTS LIST SHOW THE BALER WITHOUT SHIELDS TO ALLOW FOR A BETTER VIEW OF THE AREA BEING ADDRESSED. THE BALER SHOULD NEVER BE OPERATED WITH ANY OF THE SAFETY SHIELDS REMOVED.

NOTE: ILLUSTRATIONS ARE FOR "ORDERING" INFORMATION ONLY, AND ARE NOT INTENDED FOR USE AS AN ASSEMBLY GUIDE.

INSTRUCTIONS FOR ORDERING

1. Order by part number and description of part.
 - (a) Parts should NOT be ordered from illustration only.
 - (b) Parts should NOT be ordered from numbers on castings.
2. Order by baler serial number and model.
3. Much delay and confusion can be avoided if parts numbers are arranged in sequence on all orders.
4. State how to ship: whether by truck, stage, parcel post, air parcel post, UPS, or air freight.
5. Claims for shortage or error in handling of an order for parts must be made upon receipt of goods.
6. Address all orders for parts as follows:

J.A. Freeman & Son, Inc.
Parts Department,
2034 N.W. 27th Avenue,
Portland, Oregon 97210

Place serial number of machine here for your convenience:

Model 1592 Baler Serial No. _____

Left and right of machine are understood to mean from a position facing in the direction of travel.

Permission must be secured before any parts are returned for credit. When parts are returned, the freight must be prepaid or arrangements made so that they can be brought in by our trucks.

"NOTE"

Parts are identified by reference numbers. See parts list
for correct part numbers. DO NOT USE REFERENCE
NUMBERS AS PART NUMBERS.

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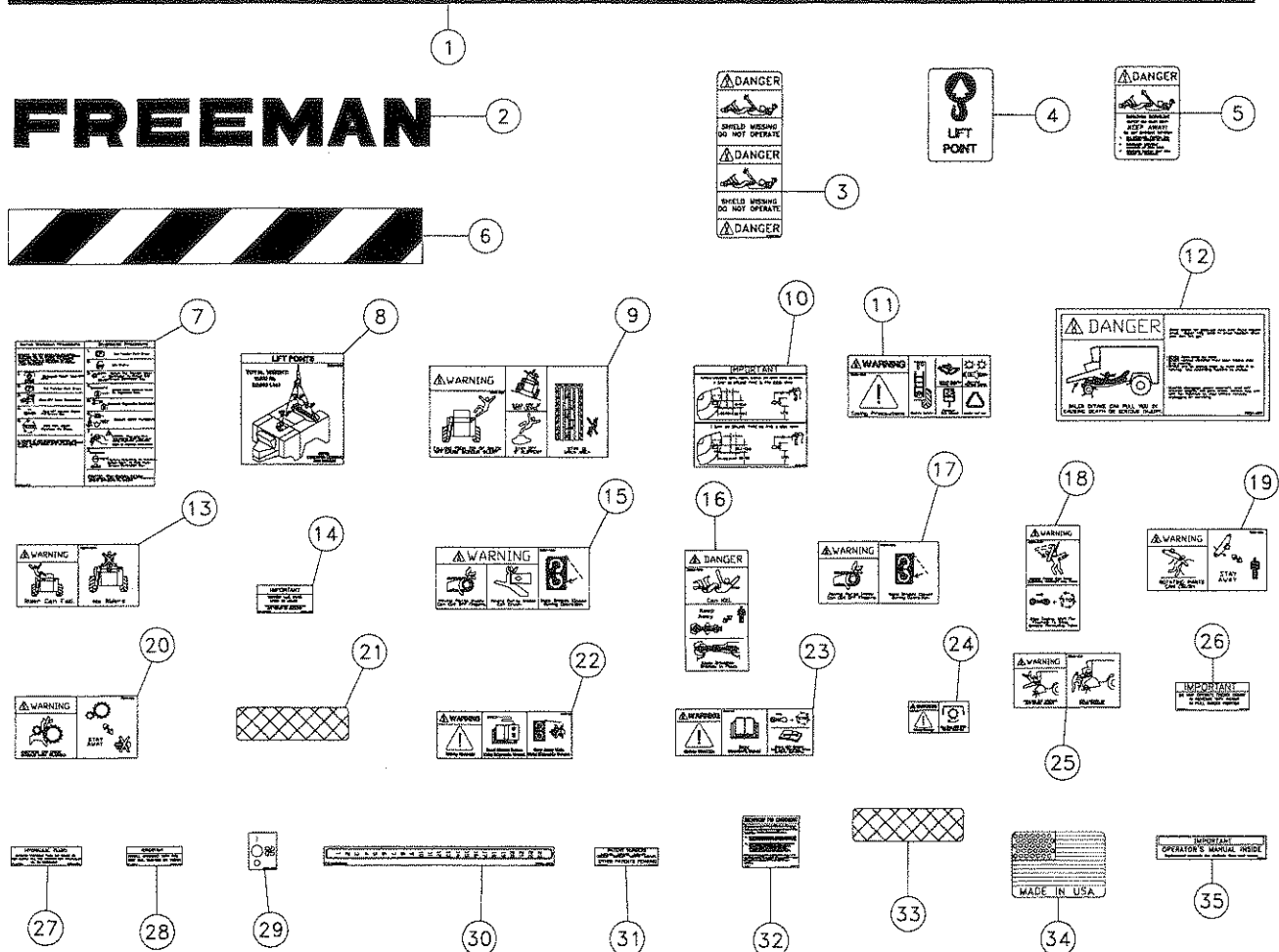
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DECAL ASSEMBLY

FIG 1-1



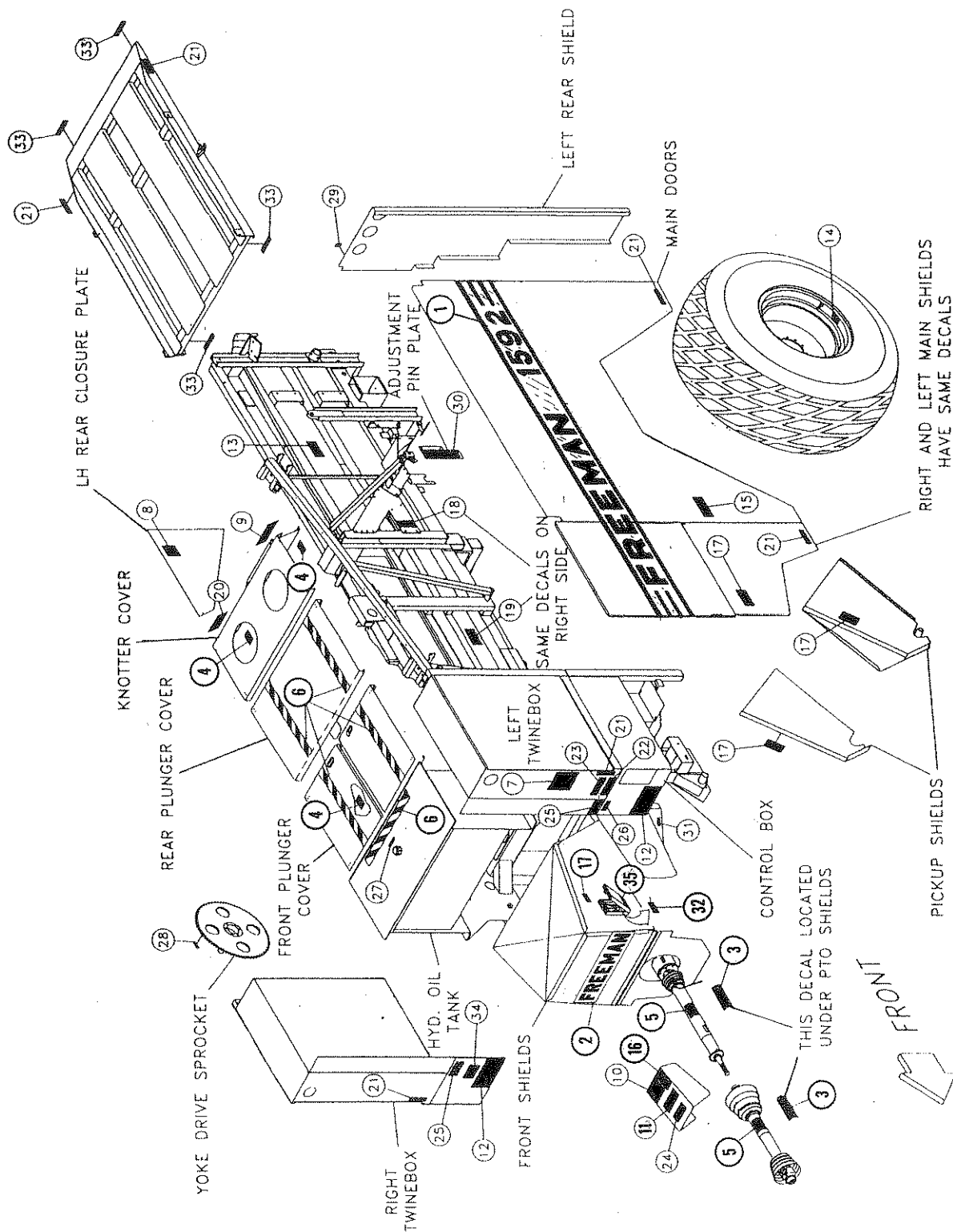
DECAL ASSEMBLY

FIGURE 1-1

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	FD0024865	DECAL - LH FREEMAN 1592	1		
	FD0024866	DECAL - RH FREEMAN 1592	1		
2	FD0007111	DECAL-25 X 4 WHITE FREEMAN	2		
3	FD70000108	DECAL - KEEP SHIELDS IN PLACE	2		
4	FD70000445	DECAL - LIFT POINT	3		
5	FD0023531	DECAL- DANGER ROTATING DEVICE	2		
6	FD0505626	TAPE-BLACK/YELLOW 3" X 108 FT	14'		
7	FD7000A961	DECAL - SHUT DOWN DIAGNOSTIC	1		
8	FD0025249	DECAL - LIFT POINTS	1		
9	FD7000A920	DECAL-DANGER FALLING HAZARD	1		
10	FD7000A952	DECAL - DRAWBAR HITCH	1		
11	FD0023537	DECAL - 1000 RPM	1		
12	FD7000A897	DECAL-DANGER BALER INTAKE	2		
13	FD0023538	DECAL-WARNING NO RIDERS	1		
14	FD0023951	DECAL - LUG NUT	2		
15	FD7000A933	DECAL-WARNING MOVING, CRUSH	2		
16	FD7000A919	DECAL-WARNING DRIVELINE	1		
17	FD7000A896	DECAL-WARNING MOVING PARTS	6		
18	FD7000A934	DECAL-WARNING NEEDLE FRAME	2		
19	FD7000A923	DECAL-WARNING FORK CRANK	2		
20	FD7000A936	DECAL-WARNING KNOTTERS	2		
21	FD70000722	YELLOW REFLECTOR STICK ON	8		
22	FD7000A932	DECAL-WARNING READ MANUAL	1		
23	FD7000A937	DECAL-WARNING ALLOW TO STOP	1		
24	FD7000A944	DECAL - TOWING PRECAUTION	1		
25	FD7000A925	DECAL-WARNING USE LADDER	2		
26	FD0029854	DECAL - FEEDER REV. CAUTION	1		
27	FD7000A943	DECAL - OIL REQUIREMENT	1		
28	FD0028042	DECAL,SPKT ORIENTATION	1		
29	FD7000A948	DECAL - FAN SWITCH	1		
30	FD0022521	DECAL - BALE LENGTH ADJUST	1		
31	FD0022124	DECAL - PATENT NUMBERS	1		
32	FD7000A983	DECAL - NOTE TO OWNER (FREEMAN)	1		
33	FD70000170	DECAL - RED REFLECTOR	4		
34	FD70000434	DECAL - MADE IN USA	1		
35	FD7000A938	DECAL - IMPORTANT/OP. MANUAL	1		
	FD84530181	DECAL ASSEMBLY-FREEMAN 1592 (INC REF. 1 - 35)			

DECAL LOCATION DIAGRAM

FIG 1-2



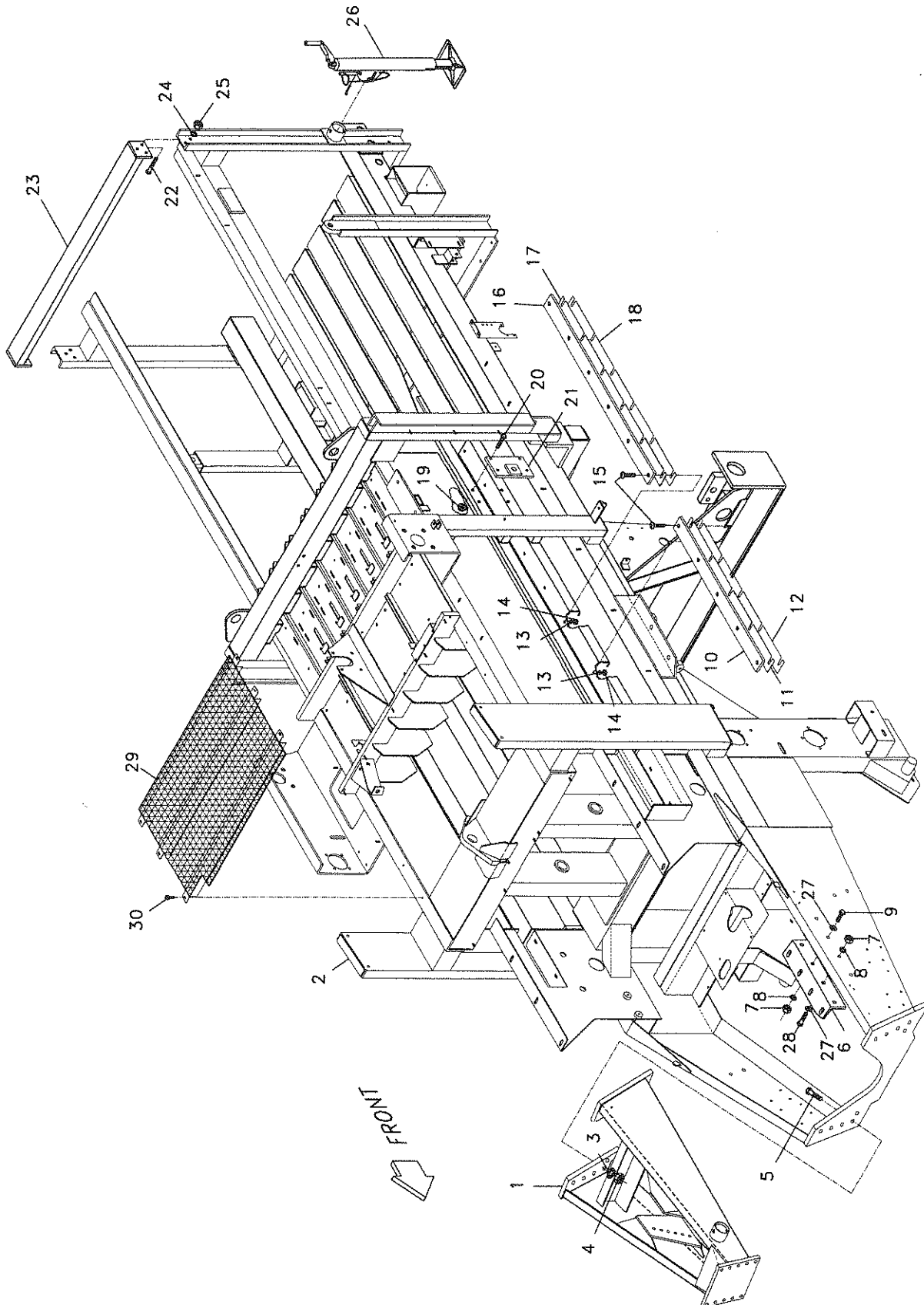
DECAL LOCATIONS DIAGRAM

FIGURE 1-2

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	FD0024865	DECAL - LH FREEMAN 1592	1		
	FD0024866	DECAL - RH FREEMAN 1592	1		
2	FD0007111	DECAL-25 X 4 WHITE FREEMAN	1		
3	FD70000108	DECAL - KEEP SHIELDS IN PLACE	2		
4	FD70000445	DECAL - LIFT POINT	3		
5	FD0023531	DECAL- DANGER ROTATING DEVICE	2		
6	FD0505626	TAPE-BLACK/YELLOW 3" X 108 FT	14'		
7	FD7000A961	DECAL - SHUT DOWN DIAGNOSTIC	1		
8	FD0025249	DECAL - LIFT POINTS	1		
9	FD7000A920	DECAL-DANGER FALLING HAZARD	1		
10	FD7000A952	DECAL - DRAWBAR HITCH	1		
11	FD0023537	DECAL - 1000 RPM	1		
12	FD7000A897	DECAL-DANGER BALER INTAKE	2		
13	FD0023538	DECAL-WARNING NO RIDERS	1		
14	FD0023951	DECAL - LUG NUT	2		
15	FD7000A933	DECAL-WARNING MOVING, CRUSH	2		
16	FD7000A919	DECAL-WARNING DRIVELINE	1		
17	FD7000A896	DECAL-WARNING MOVING PARTS	6		
18	FD7000A934	DECAL-WARNING NEEDLE FRAME	2		
19	FD7000A923	DECAL-WARNING FORK CRANK	2		
20	FD7000A936	DECAL-WARNING KNOTTERS	2		
21	FD70000722	YELLOW REFLECTOR STICK ON	8		
22	FD7000A932	DECAL-WARNING READ MANUAL	1		
23	FD7000A937	DECAL-WARNING ALLOW TO STOP	1		
24	FD7000A944	DECAL - TOWING PRECAUTION	1		
25	FD7000A925	DECAL-WARNING USE LADDER	2		
26	FD0029854	DECAL - FEEDER REV. CAUTION	1		
27	FD7000A943	DECAL - OIL REQUIREMENT	1		
28	FD0028042	DECAL, SPKT ORIENTATION	1		
29	FD7000A948	DECAL - FAN SWITCH	1		
30	FD0022521	DECAL - BALE LENGTH ADJUST	1		
31	FD0022124	DECAL - PATENT NUMBERS	1		
32	FD7000A983	DECAL - NOTICE TO OWNER (FREEMAN)	1		
33	FD70000170	DECAL - RED REFLECTOR	4		
34	FD70000434	DECAL - MADE IN USA	1		
35	FD7000A938	DECAL - IMPORTANT/OP. MANUAL	1		
	FD84530181	DECAL ASSEMBLY-FREEMAN 1592 (INC REF. 1 - 35)			

MAIN FRAME ASSEMBLY

FIG 1-3



AUGUST, 1998

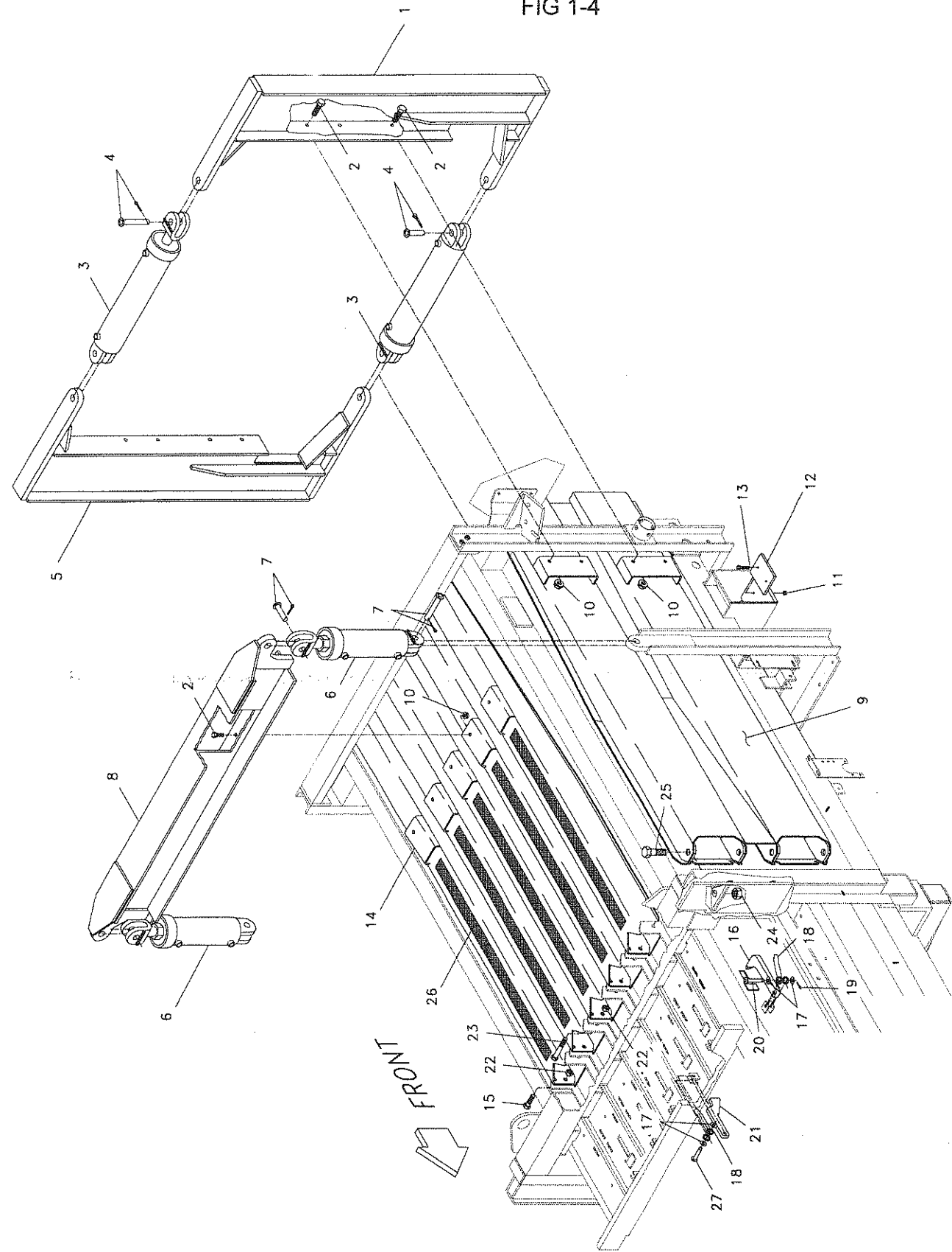
MAINFRAME ASSEMBLY

FIGURE 1-3

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	TNG0025604	TONGUE - 2PC FRAME, 3 PC DRVLN	1		
2	FRM0015921	FRAME - WELD ASSY, 2 PC	1		
3	WAS0000118	3/4 A235 WASHER ZP	10		
4	NCH0000750	3/4 NF HEX NUT PLTD	10		
5	SFC0000810	3/4 X 3 NF HT CS	10		
6	SUP21627EO	LH FLYWHEEL FRM MNT SUPT	1		
	SUP21627EI	RH FLYWHEEL FRM MNT SUPT	1		
7	NCH0006250	NUT - 5/8 NC HEX	8		
8	WLK0006250	5/8 MEDIUM LOCKWASHER	8		
9	SCC0006000	5/8 X 2 NC HT CAPSCREW PLTD	6		
10	PLG0022712	RAIL - LOWER FRONT ROLLER	4		
11	SHM0022726	SHIM - FRONT ROLLER RAIL, 20 GA.	A/R		
12	SHM0022716	SHIM - FRONT ROLLER RAIL, 16 GA.	A/R		
13	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	22		
14	NCH0000375	3/8 NC HEX NUT PLTD	22		
15	PWB3751500	BOLT - 3/8 X 1 1/2 NC PLOW	22		
16	PLG0022713	RAIL - LOWER REAR ROLLER	4		
17	SHM0022727	SHIM - REAR ROLLER RAIL, 20 GA.	A/R		
18	SHM0022717	SHIM - REAR ROLLER RAIL, 16 GA.	A/R		
19	NMS1809001	NUT - 1/2 FLANGE TL	8		
20	SCC0050003	1/2 X 1 1/4 NC HC NT CAPSCREW PLTD	8		
21	MNT0024733	MAKEUP CYL MOUNT	2		
22	SCC0000404	BOLT - 7/16 X 1 1/2 NC GR5	6		
23	YOK0024007	YOKE - REAR FRAME CHAMBER	1		
24	WLK0004375	7/16 MEDIUM LOCKWASHER	6		
25	NCH0000437	NUT 7/16 NC GR5	6		
26	JCK0000205	BUMPER JACK 9000#	1		
27	WAS0000010	WASHER - 5/8 HARD ZINC	8		
28	SCC0007008	5/8 X 2 1/2 NC HT CAPSCREW PLTD	2		
29	GRD0506128	GUARD-SECONDARY PLUNGER	1		NEW ITEM
30	SMS0000184	5/16 X 3/4 NC WHIZ BOLT PLTD	6		NEW ITEM

TENSION RAILS ASSEMBLY

FIG 1-4



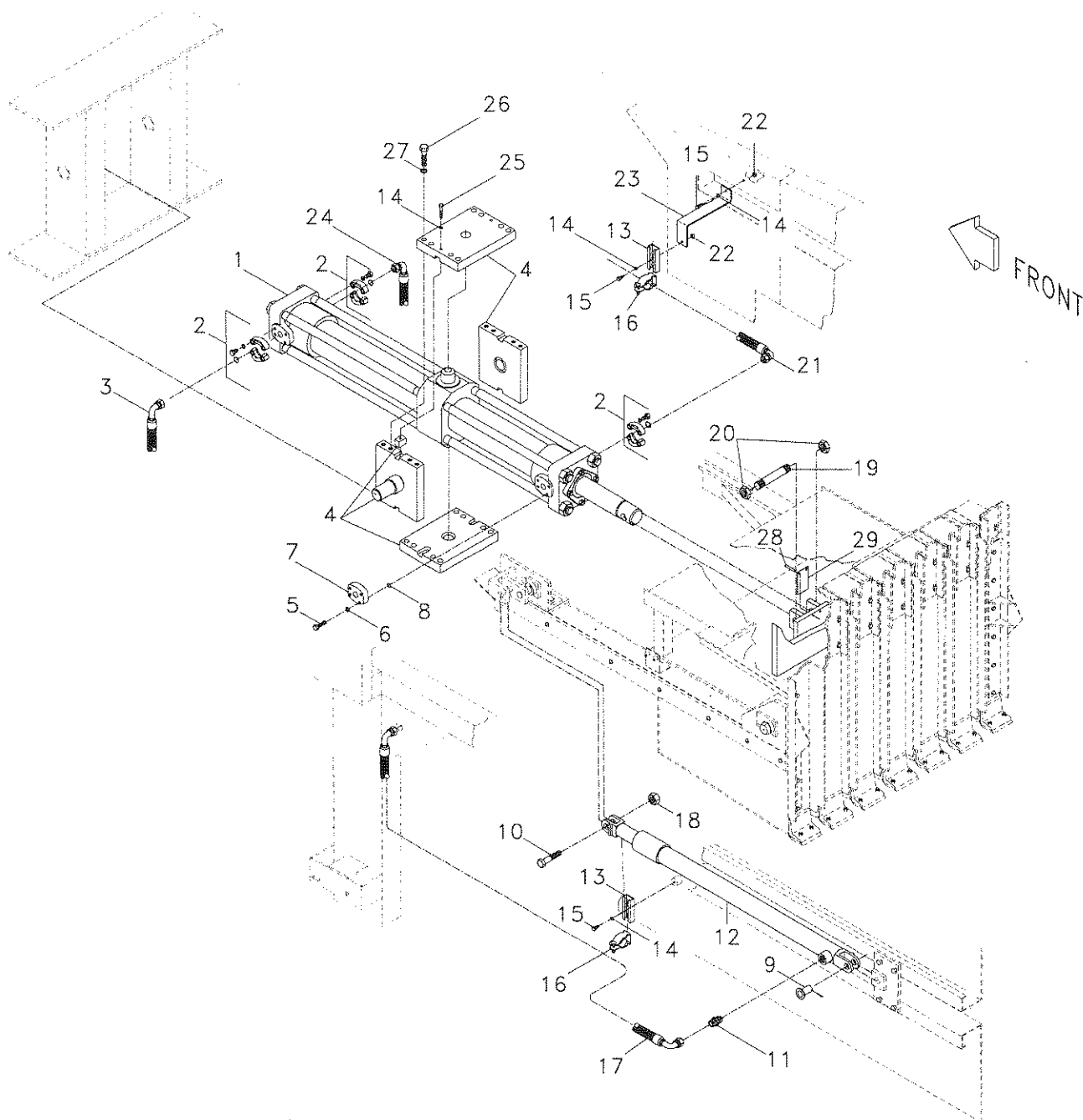
TENSION RAILS ASSEMBLY

FIGURE 1-4

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	TNS022872O	LEFT COMPRESSION BEAM	1		
2	SCC0050004	1/2 X 1 1/2 NC HT CAPSCREW PLTD	13		
3	CYL0TC3516	CYLINDER - TC3.5 X 16 - MODIFIED (BREAKDOWN FIG. 1-62)	2		INCLUDES REF. 4
4	HYP00FA35P	PIN - CLEVIS W/COTTER	4		
5	TNS0228721	RH SIDE TENSION BEAM	1		
6	CYL00TC408	CYLINDER - TC4 X 8 -MODIFIED (BREAKDOWN FIG. 1-63)	2		INCLUDES REF. 7
7	HYP000FA4P	PIN - CLEVIS W/COTTER	4		
8	TNS0022468	TOP TENS RAIL COMPRESSION BEAM	1		
9	TNS0025988	SIDE TENSION RAIL	2		
10	NMS1809001	NUT - 1/2 FLANGE TL	13		
11	NCE0000250	1/4 NC ESNA NUT PLTD	4		
12	LIN0016227	BEAM SUPPORT WEAR LINER	2		
13	SMF0001003	MACH SCREW - 1/4 X 1 1/4 FH PLTD	4		
14	TNS0028067	TOP TENSION RAIL	5		
15	SFC0080706	5/8 X 2 NF GR8 CS	2		
16	DOG0014820	CHAMBER DOG	2		
17	WCT0000500	1/2 FLAT WASHER - PLTD	14		
18	SPG0023160	SPRING - HAY DOG	7		
19	COT0000503	PIN - COTTER 1/8 X 1 1/4	7		
20	CLV0005035	CLEVIS PIN - 1/2 X 3 1/2	2		
21	DOG0023159	TOP CHAMBER DOG	5		
22	NFE0000625	LOCKNUT-5/8 NF NYLON INSRT PLTD	6		
23	TNS0020209	TOP TEN RAIL CTR PIVOT BOLT	4		
24	NCE0001000	LOCKNUT - 1 NC NYLON INSERT PLTD	8		
25	TNS0022340	SIDE TENSION RAIL PIVOT BOLT	8		
26	STP0002000	TAPE - SAFETY WALK 2"	A/R		
27	F0000220	PIN - CLEVIS 1/2 X 3	5		

PLUNGER CYLINDERS AND MOUNTS ASSEMBLY

FIG 1-5



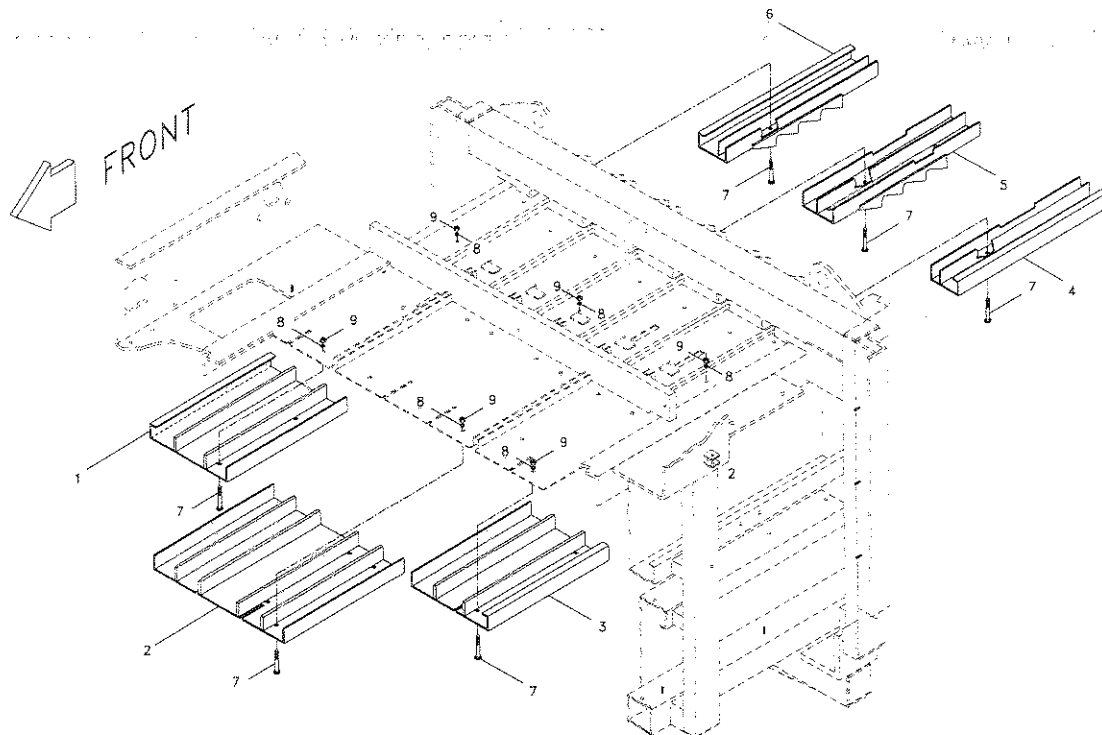
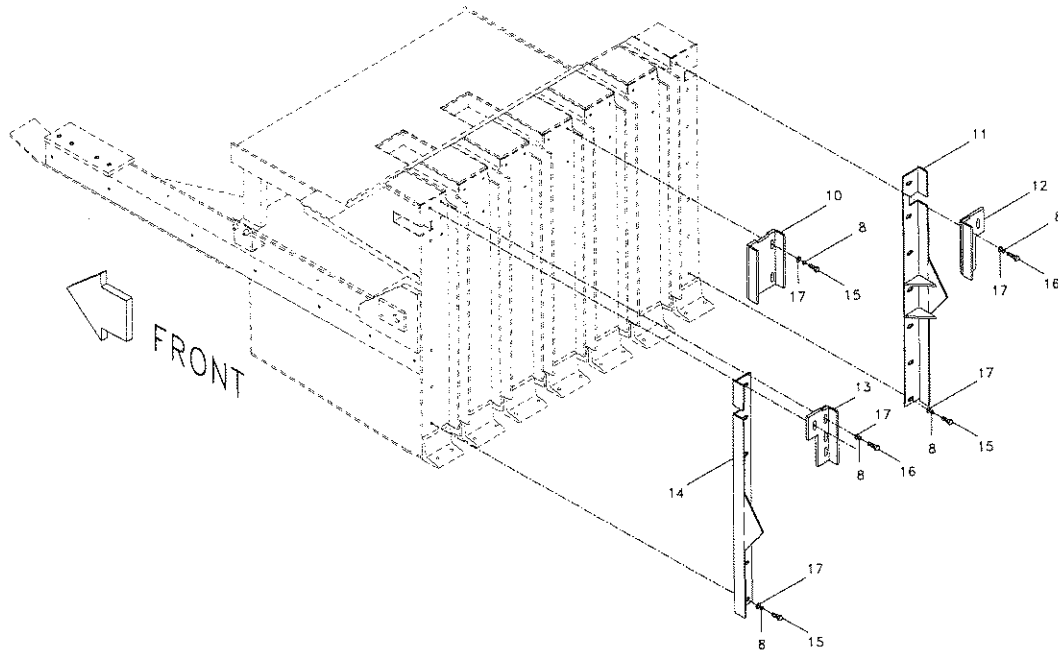
PLUNGER CYLINDERS AND MOUNTS ASSEMBLY

FIGURE 1-5

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	CYL0001592	PLUNGER CYLINDER SUB ASSY (BREAKDOWN FIG. 1-60)	1		
2	FLG0001501	1" SPLIT FLG W/O-RING & BOLT	3		
3	HOS0024887	PLUNGER CYL HOSE	1		
4	FRM0014865	GIMBAL FRAME	1		
5	SCS0000405	7/16 X 1 3/4 HEX CS	4		
6	WAS0000102	7/16 HIGH COLLAR LOCK WASHER	4		
7	FLG0001660	1" CODE 62 BLIND FLANGE	1		
8	F0006450	O-RING, 4 BOLT FLANGE	1		
9	HYPFA22P	CLEVIS PIN AND COTTER PIN	2		
10	PLG0024471	BOLT -FRONT MAKEUP CYLINDER MOUNT	2		
11	HYD5205070	1 NPT X 16 JIC ST ADAPTER	2		
12	CYL0024785	CYLINDER - 2 1/4 X 34.5 (BREAKDOWN FIG. 1-61)	2		
13	MNT0020255	CHANNEL - MOUNTING	3		
14	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	8		
15	SCC0030001	3/8X3/4 NC HT CAPSCREW PLTD	3		
16	CLP0100150	1 1/2 HYDRA 20RB HOSE CLAMP	3		
17	HOS0023451	LEFT MAKE UP CYL HOSE	1		
	HOS0023452	RIGHT MAKE UP CYL HOSE	1		
18	NCE0001000	LOCKNUT - 1 NC NYLON INSERT PLTD	2		
19	PIN0024791	PIN - MAIN RAM CYL.	1		
20	NEJ0001125	JAM LOCK NUT- 1 1/8-7 PLTD	2		WAS NEJ0011250
21	HOS0024889	PLUNGER CYL ROD END HOSE	1		
22	NCH0000375	3/8 NC HEX NUT PLTD	2		
23	BKT0023474	MAKE UP CYL HSE CLMP BRK	1		
24	HOS0015874	PLUNGER CYL HOSE	1		
25	SCC0030006	3/8 X 2 NC HT CAPSCREW PLTD	4		
26	SCC0080009	3/4 X 23/4 NC HT CAPSCREW PLTD	16		
27	WLK0000750	3/4 LOCKWASHER PLTD	16		
28	ZZ01788029	ROLL PIN-1/4 X 1	2		
29	28130A	SHIM- RAM ROD .015"	A/R		
	28163A	SHIM- RAM ROD .035"	A/R		

CHAMBER LINERS AND PLUNGER EXTENSIONS FOR 36" CHANGE OVER

FIG 1-6



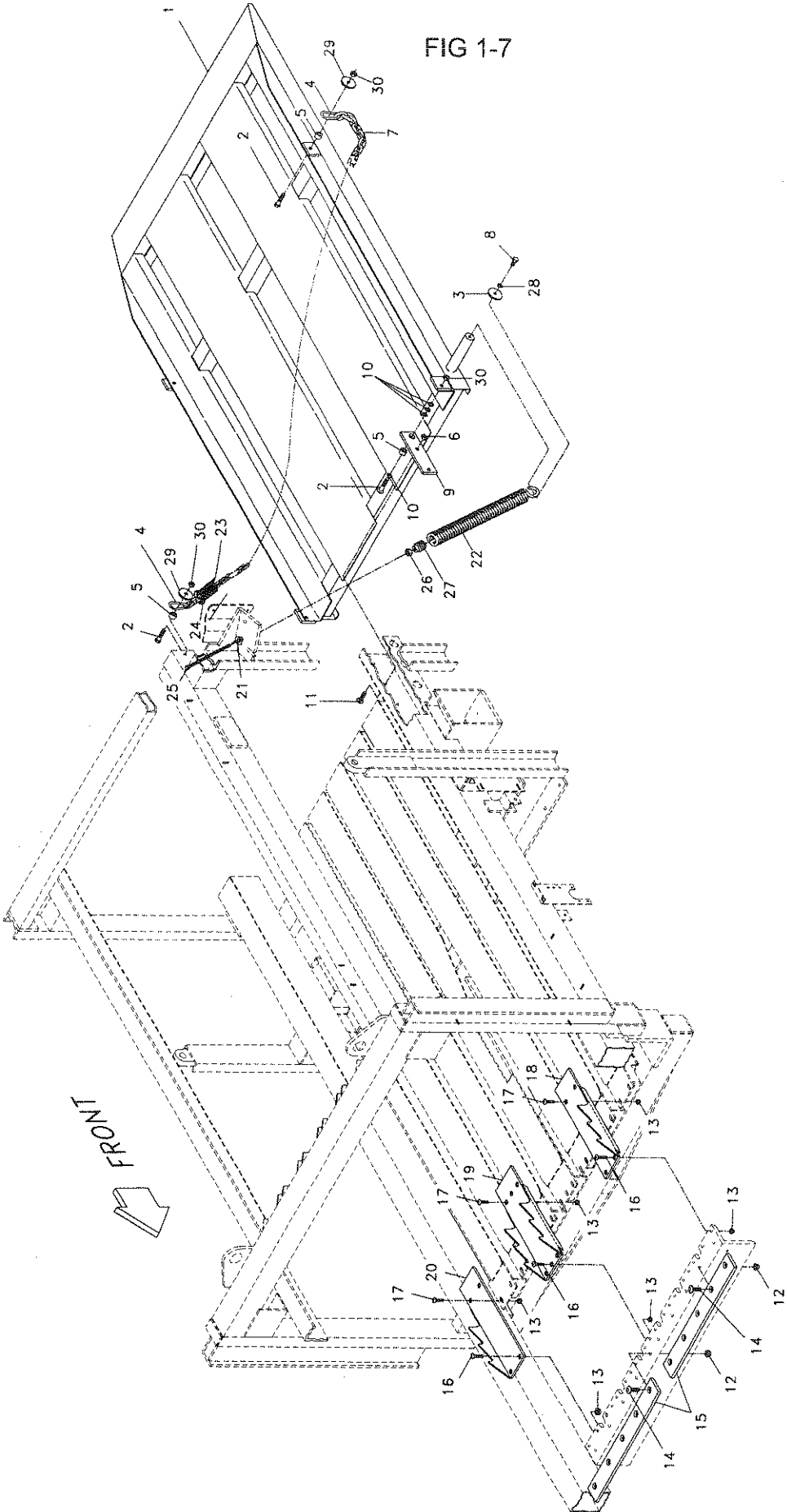
CHAMBER LINERS AND PLUNGER EXTENSIONS FOR 36" CHANGE OVER

FIGURE 1-6

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	LIN0027251D	LINER - 36" RIGHT FRONT CHMBR	1		
2	LIN0027230D	LINER - 36" CNTR FRONT CHMBR	1		
3	LIN0027227D	LINER - 36" OUTER FRNT CHMBR	1		
4	LIN0027235D	LINER - 36" LEFT REAR CHMBR	1		
5	LIN0027232D	LINER - 36" CNTR REAR CHMBR	5		
6	LIN0027234D	LINER - 36" RIGHT REAR CHMBR	1		
7	CRB2750275	BOLT-3/8- X 2 3/4 CARRIAGE -PLTD	37		
8	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	67		
9	NCH0000375	3/8 NC HEX NUT PLTD	37		
10	PLG0027272B	EXTENSION - CENTER PLUNGER FACE, 36"	5		
11	PLG27259B1	EXTENSION - RIGHT PLUNGER FACE, 36"	1		
12	PLG27268B1	EXTENSION - RIGHT PLUNGER SIDE, 36"	1		
13	PLG27268BO	EXTENSION -LEFT SIDE PLUNGER, 36"	1		
14	PLG27259BO	EXTENSION - LEFT PLUNGER FACE, 36"	1		
15	SCC0030002	3/8 X 1 NC HT CAPSCREW PLTD	20		
16	SCC0030003	3/8 X 1 1/4 NC HT CS PLTD	10		
17	WCT0000313	5/16 FLATWASHER PLTD	31		

REAR CHAMBER AND BALE CHUTE ASSEMBLY

FIG 1-7



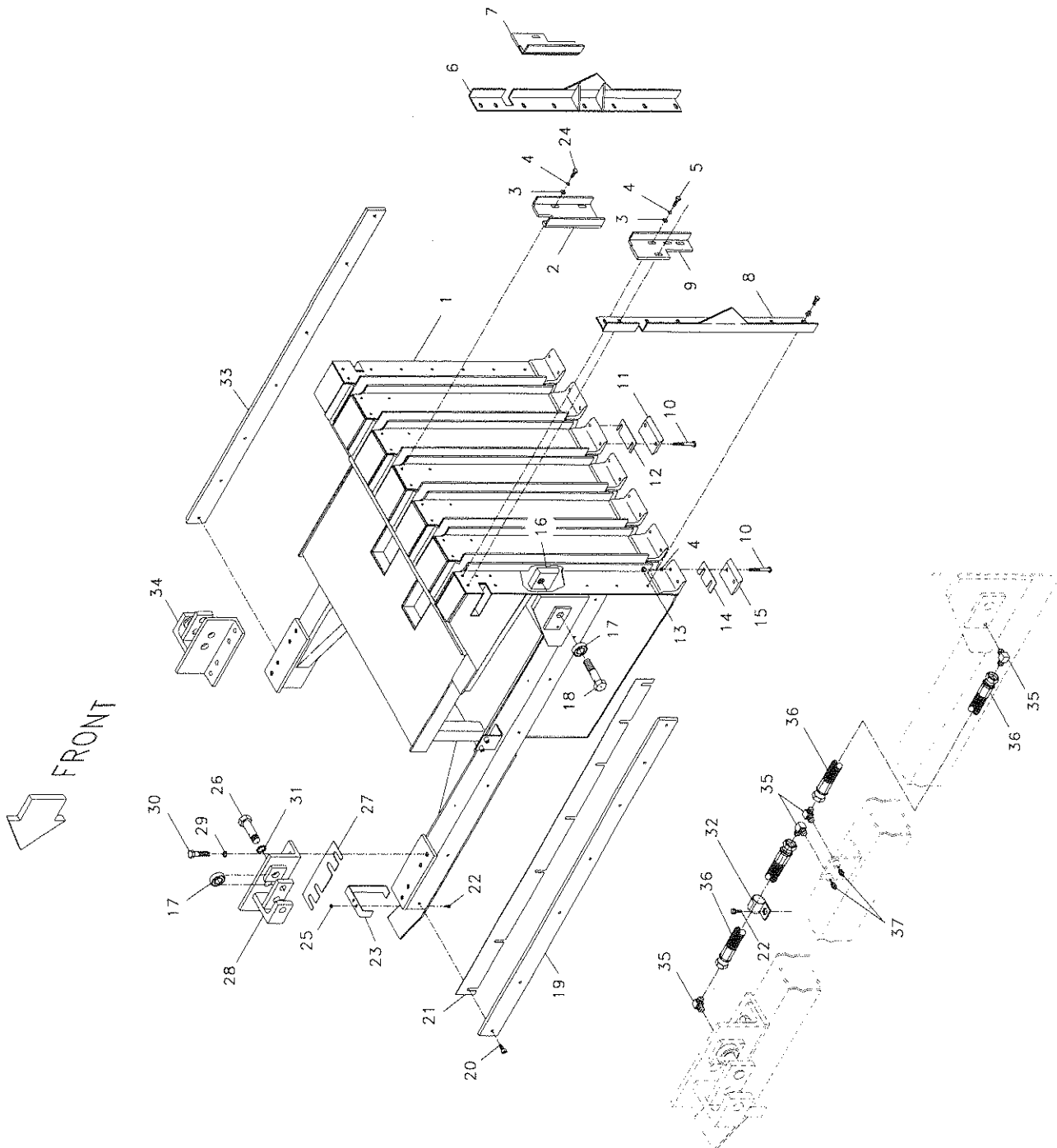
REAR CHAMBER AND BALE CHUTE

FIGURE 1-7

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	CHU0504188	BALE CHUTE	1		WAS CHU0022269
2	SFC0080505	BOLT-1/2-20 X 2 1/4 GRADE#8 HEX PLT	6		
3	SLU079860	SLUG-1/4 X 2 1/4 OD X 17/32 ID	2		
4	CNK0000336	CONNECTING LINK 3/8 A-336	4		
5	SPC0025812	CHAIN ANCHOR SPACER	6		
6	NCE0000500	LOCKNUT-1/2 NC NYLON INSERT PLT	4		
7	SMR1032150	CHAIN - CHUTE SUPPORT	2		
8	SFC0080507	BOLT-1/2"-13 X 1" GRADE #5 HEX	2		
9	MNT0026340	BALE CHUTE MNT	2		
10	WCT0000500	WASHER-1/2 FLAT	6		
11	SBH000504	BOLT - 1/2" X 1 1/2" BUTTON HEAD PLTD	4		
12	NMS0000252	NUT- 1/2 FLGE TOP LOCK	10		
13	NMS0000375	NUT- 3/8 FLGE TOP LOCK	38		
14	PWB5001750	BOLT - 1/2 - 20 X 1 3/4 PLOW	10		
15	KNF0014787	MAIN FRAME STATION KNIFE	2		
16	PWB3751500	BOLT-3/8 X 1 1/2 NC PLOW	19		
17	PWB3751250	BOLT-3/8-16UNC X 1 1/4 PLOW	19		CHG. DESCRIPTION
18	LIN0276830	LH OUTSIDE CHM LINER/BALE DOG	1		
19	LIN0027684	CENTER CHM LINER & BALE DOG	5		
20	LIN02768301	RH OUTSIDE CHM LINER/BALE DOG	1		
21	WCT0000625	WASHER-5/8 FLAT PLTD	2		
22	SPG1789105	SPRING - EXT.2 7/8 OD X .5W-26.00	2		
23	SLV67264037	CORDURA SLEEVE - 1.42 DIA. - 28.00	2		
24	F0008290	NYLON TIE 8"	4		
25	SMS0505870	BOLT-5/8-11 X 13 1/2 GRADE #5 HEX PLTD	2		
26	NCH0000625	NUT-5/8" NC SLTL GRADE B ZINC	2		
27	PLU0077353	PLUG-SPRING	2		
28	WLK0000500	WASHER-1/2" LOCK	2		
29	WAS0020049	WASHER - 1.63 OD X 17/32 ID X 3/16 HARDENED	6		
30	NFH0080500	NUT - 1/2" - 20 GR8 SLTL	6		

PLUNGER ASSEMBLY

FIG 1-8



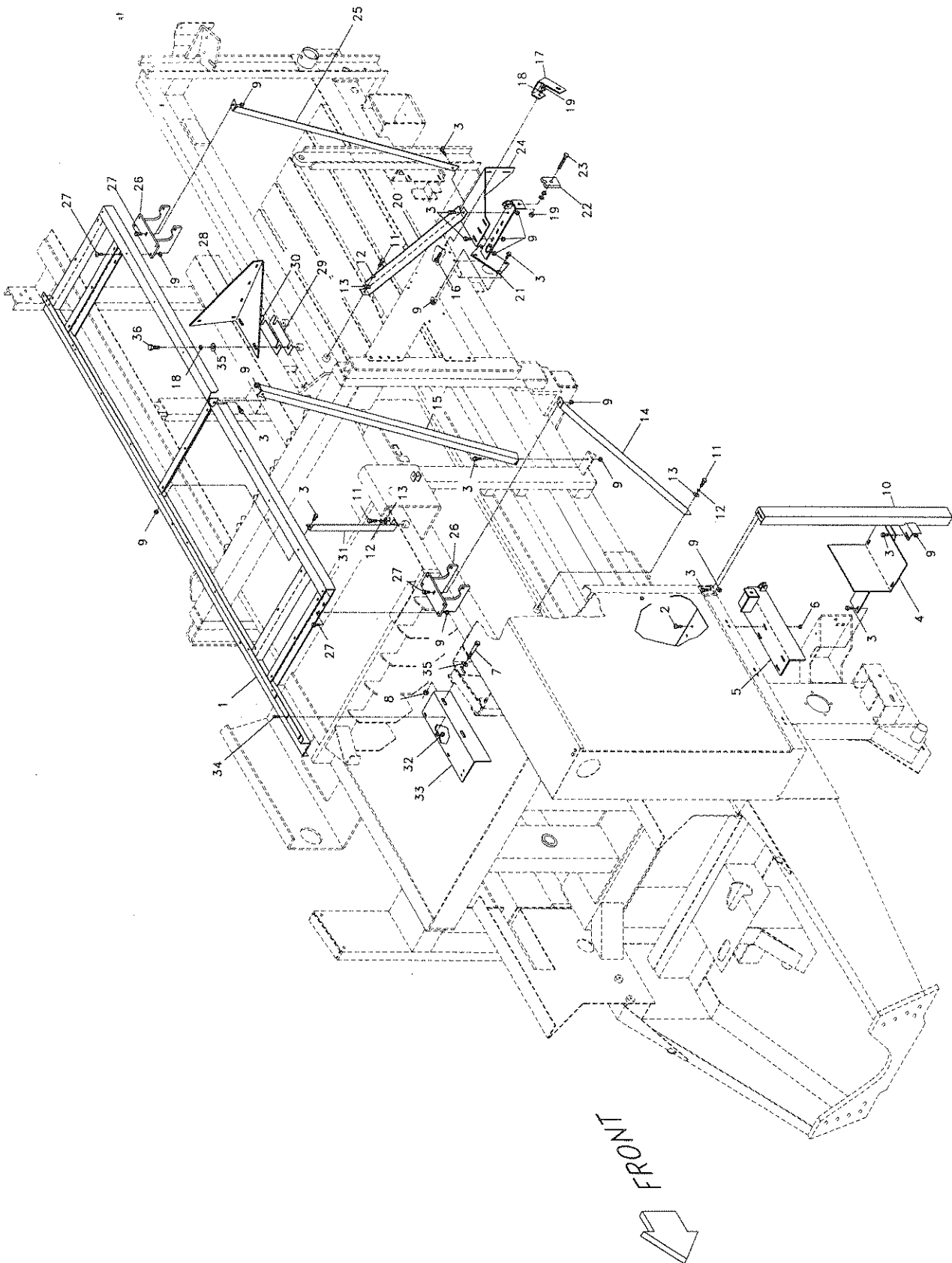
PLUNGER ASSEMBLY

FIGURE 1-8

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	PLG0030232	PLUNGER FRAME ASSY	1		
2	PLG0027274	CENTER PLUNGER FACE-EXTENSION 38"	5		
3	WCT0000313	5/16 FLAT WASHER - PLTD	31		
4	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	44		
5	SCC0030003	3/8 X 1 1/4 NC HT CAPSCREW PLTD	22		
6	PLG14967B1	EXTENSION - RIGHT PLUNGER FACE 38"	1		
7	PLG27277B0	EXTENSION - OUTSIDE PLUNGER FACE, RIGHT 38"	1		
8	PLG1496B0	EXTENSION - LEFT PLUNGER FACE 38"	1		
9	PLG2727700	EXTENSION - OUTSIDE PLUNGER FACE, LEFT 38"	1		
10	PWB2753000	BOLT-PLOW 3/8-16 X 2 #3GRD5 ZP	14		
11	KNF0022602	KNIFE - CENTER PLUNGER	5		
12	SHM22604A1	SHIM - CENTER PLUNGER KNIFE, 30 GA	A/R		
	SHM22604A0	SHIM - CENTER PLUNGER KNIFE, 10 GA	A/R		
13	NCH0000375	NUT - 3/8 HEX PLTD	14		
14	SHM0027994	SHIM - OUTERSIDE PLUNGER KNIFE,	A/R		
	SHM0027993	SHIM - OUTERSIDE PLUNGER KNIFE,	A/R		
15	KNF0027932	KNIFE - OUTER PLUNGER	2		
16	PLG0022711	NUT F/PLUNGER ROLLER BOLT	2		
17	BRG00CYR3S	BEARING PLUNGER ROLLER	4		
18	PLG0014979	REAR PLUNGER ROLLER BOLT	2		
19	PLG25991D0	SLIDE RAIL-LH PLUNGER	1		
20	SCC0030003	3/8 X 1 1/4 NC HT FH SOC CS PLTD	14		
21	PLG0014974	SHIM - PLUNGER SLIDE	2		
22	SMS0000171	1/4 X 5/8 WHIZ BOLT	5		
23	WIP0022693	WIPER-PLUNGER SWITCH CAM	1		
24	SCC0030002	3/8 X 1 NC HT CAPSCREW PLT	20		
25	NFH0001032	NUT-1/4 WHIZ	2		
26	PLG0024740	FRT PLUNGER ROLLER BOLT	2		
27	SHM0022718	SHIM-FRONT PLUNGER ROLLER	4		
28	MNT0024734	MOUNT-LEFT MAKE UP CYL	1		
29	WLK0000625	WASHER-5/8 S/T LOCK	8		
30	SCC0070004	1/2 X 5NC HT CAPSCREW PLTD	8		
31	WLK0010000	LOCKWASHER-1" PLTD	2		
32	CLP0001111	HOSE CLAMP	4		
33	PLG25991D1	RAIL-RIGHT PLUNGER SLIDE	1		
34	MNT0024735	MOUNT-RIGHT MAKE UP CYL	8		
35	HYD5405020	1/4 JIC X 1/8 NPT 90 MALE ELBOW	8		
36	HOS0023436	HOSE-PLUNGER ROLLER LUBER	4		
37	ZZ0000103	ZERK-1/8" NPT STR 7/16 HEX	4		

SIDE SHIELDS AND DOOR SUPPORTS ASSEMBLY

FIG 1-9



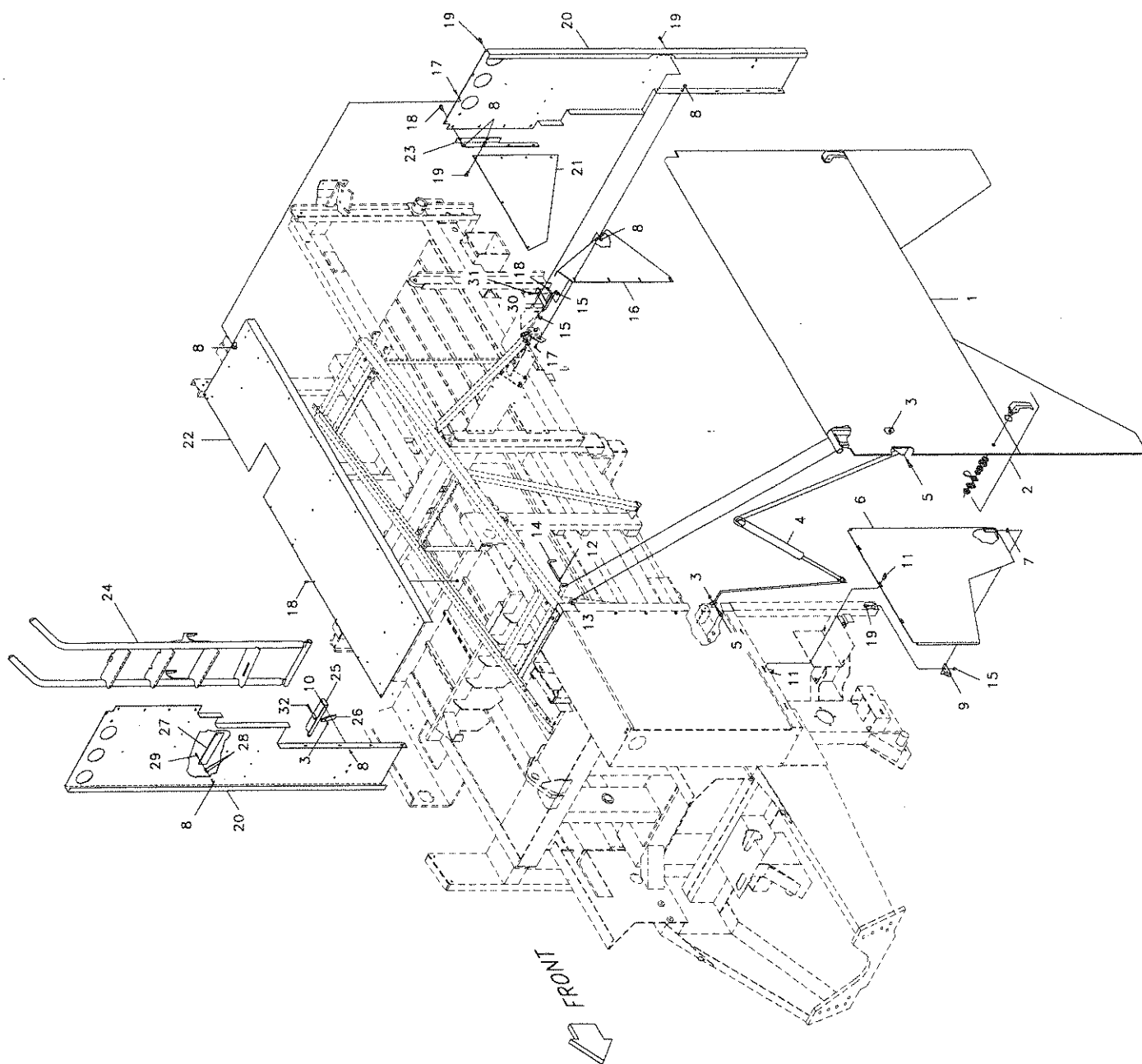
SIDE SHIELDS AND DOOR SUPPORTS ASSEMBLY

FIGURE 1-9

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	FRM23291F1	LH TOP SHIELD SUPPORT ASS'Y	1		
	FRM23291F0	RH TOP SHIELD SUPPORT ASS'Y	1		
2	CRB3130100	5/16 X 1 CARRIAGE BOLT PLTD	8		
3	SMS0000184	5/16 X 3/4 NC WHIZ BOLT PLTD	30		
4	MNT0023489	BRACE - LEFT DOOR SUP W/BAT MNT	1		
	BRC23392D1	RH DOOR SUPPORT BRACE	1		
5	MNT23303D0	LH GAS SPRING FRM MNT ASSY	1		
	MNT23303D1	RH GAS SPRING FRM MNT ASSY	1		
6	WCT0000313	5/16 SM FL TL NUT	8		
7	SCC0050012	BOLT-1/2 -13 X 3 1/2 HEX	4		
8	NCE0000500	LOCKNUT-1/2 NC NYLON INSERT PLTD	4		
9	NMS0000117	5/16 NC WHIZ NUT PLTD	54		
10	SUP0023479	LOWER LEFT DOOR SUPPORT	1		
	SUP0023357	LOWER RIGHT DOOR SUPPORT	1		
11	SCC0030002	3/8 X 1 NC HT CAPSCREW PLTD	6		
12	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	6		
13	WCT0000375	3/8 FLAT WASHER - PLTD	6		
14	BRC23331B0	LH FRONT KNEE BRACE	1		
	BRC23331B1	RH FRONT KNEE BRACE	1		
15	BRC23326B0	LH DOOR CENTER KNEE BRACE	1		
	BRC23326B1	RH DOOR CENTER KNEE BRACE	1		
16	SCC0050004	1/2 X 1 1/2 NC HT CAPSCREW PLTD	2		
17	BKT0023355	NEEDLE YOKE GUARD BRACKET	2		
18	WLK0000500	1/2 LOCK WASHER, PLTD	4		
19	NCH0000500	1/2 NC HEX NUT	18		
20	BRC23330B0	LH REAR KNEE BRACE	1		
	BRC53330B1	RH REAR KNEE BRACE	1		
21	MNT25294B0	LH REAR GAS SPG/BUMP MNT	1		
	MNT25294B1	RH REAR GAS SPG/BUMP MNT	1		
22	20-112	BUMPER - RUBBER MAIN DOOR	4		
23	ROD0023528	BOLT - 1/2-13 X 3 ALL THD HEX GR5	4		
24	SUP25295B0	LH REAR SHD LOWER SUPT	1		
	SUP25295B1	RH REAR SHD LOWER SUPT	1		
25	BRC23329B0	LH DOOR REAR KNEE BRACE	1		
	BRC23329B1	RH DOOR REAR KNEE BRACE	1		
26	MNT0023283	MAIN DOOR MOUNT ASSY	4		
27	SMS0000177	5/16 X 1 NC WHIZ BOLT PLTD	20		
28	SUP23450D0	LH REAR SHD UPPER SUPT	1		
	SUP23450D1	RH REAR SHD UPPER SUPT	1		
29	SHM0023544	SHIELD SUPPORT SHIM - 10 GA.	A/R		
30	SHM0023545	SHIELD SUPPORT SHIM - 16 GA.	A/R		
31	SUP23327B0	LH CENTER SHLD SUP. LEG	1		
	SUP23327B1	RH CENTER SHLD SUP. LEG	1		
32	NMS0000250	NUT-1/4 NC WHIZ PLTD	6		
33	SUP23426B0	SUPPORT - L. H. FRONT CHANNEL	1		
	SUP23426B1	SUPPORT - R. H. FRONT CHANNEL	1		
34	SMT0001001	MACH SCREW - 1/4 X 3/4 TH PLTD	6		
35	WCT0000500	WASHER- 1/2" FLAT PLTD	19		
36	SCC0050003	BOLT-1/2 X 1 1/4 NC HT CS PLTD	4		

SHIELDS AND DOORS ASSEMBLY

FIG 1-10



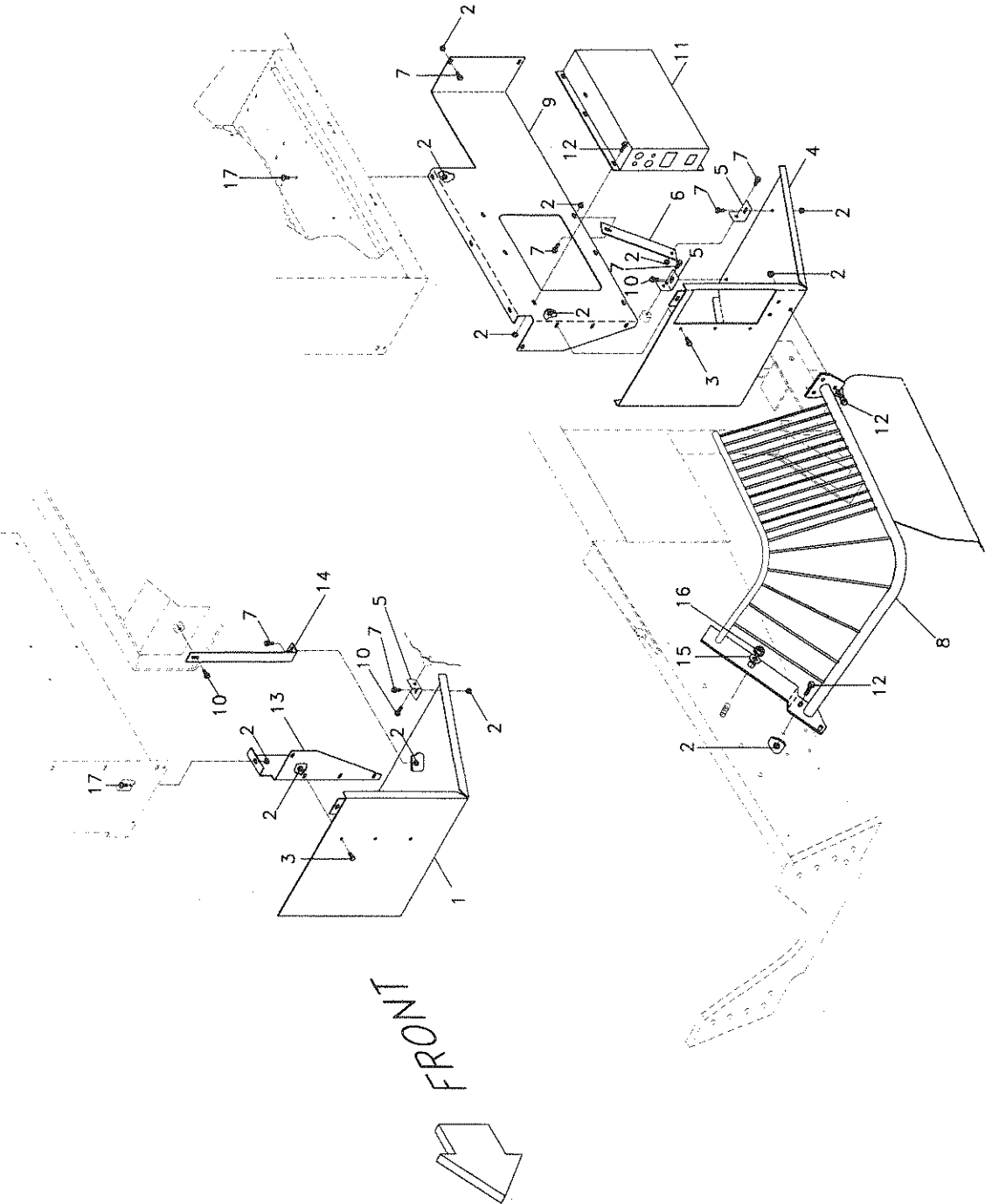
SHIELDS AND DOOR ASSEMBLY

FIGURE 1-10

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	DOR0232790	LH MAIN DOOR ASSY	1		
	DOR0232791	RH MAIN DOOR ASSY	1		
2	HAN0621603	HANDLE - LIFT-N-LATCH	4		
3	NCE0000313	5/16 NC ESNA NUT PLTD	16		
4	CYL0080614	GAS SPRING CYLINDER	4		
5	SCC0020004	5/16X11/2 NC HT CAPSCREW PLTD	8		
6	DOR0233320	LH LOWER FRONT DOOR	1		
	DOR0233321	RH LOWER FRONT DOOR	1		
7	WCT0000375	3/8 FLAT WASHER - PLTD	12		
8	NMS0000250	1/4 NC WHIZ NUT PLTD	107		
9	HNG0233390	LH LOWER DOOR HINGE	1		
	HNG0233391	RH LOWER DOOR HINGE	1		
10	SMS0000172	1/4 X 3/4 NC WHIZ BOLT PLTD	12		
11	FST0010401	MED DUTY FOLDING HANDLE FASTNR	6		
12	COT0000801	3/16 X 1 COTTER PIN	4		
13	WCT0000375	3/8 FLAT WASHER - PLTD	12		
14	PIN0023475	PIN - HINGE	4		
15	NMS0000117	5/16 NC WHIZ NUT PLTD	13		
16	GRD0233110	LH NEEDLE YOKE GUARD	1		
	GRD0233111	RH NEEDLE YOKE GUARD	1		
17	SMT0001001	MACH SCREW - 1/4 X 3/4 TH PLTD	13		
18	SMT0001003	MACH SCREW - 1/4 X 5/8 TH PLTD	78		
19	SMT0002001	MACH SCREW - 5/16 X 3/4 TH PLTD	20		
20	SHD0032078	LEFT REAR SHIELD	1		
	SHD0032079	RIGHT REAR SHIELD	1		
21	CVR02541301	REAR CLOSURE PLATE, RH	1		
	CVR02541300	REAR CLOSURE PLATE, LH	1		
22	SHD0023286	TOP LEFT SHIELD	1		
	SHD0023287	TOP RIGHT SHIELD	1		
23	MNT0254120	LH REAR SHIELD/CLOSURE PLT	1		
	MNT0254121	RH REAR SHIELD/CLOSURE PLT	1		
24	LDR0016139	LADDER - PORTABLE	1		
25	BKT0016157	HOLDER - TRANSPORT PORT LADDER	1		
26	PIN0021155	LATCH - TRANSPORT PORT LADDER	1		
27	BKT0016158	BRACKET-TOP LADDER STORAGE	1		
28	NCH0000250	NUT-1/4 NC HEX	4		
29	SCC0020002	BOLT-1/4 X 1 GRD #5 HEX	2		
30	BKT0235270	LH NEEDLE YOKE BRACKET	1		
	BKT0235271	RH NEEDLE YOKE BRACKET	1		
31	SMS0000177	BOLT-5/16-18 X 1 FLG. WHIZ PLTD	1		
32	SCC0000208	BOLT-5/16 X 2 1/2	1		

LOWER FRONT SHIELDS ASSEMBLY

FIG 1-11



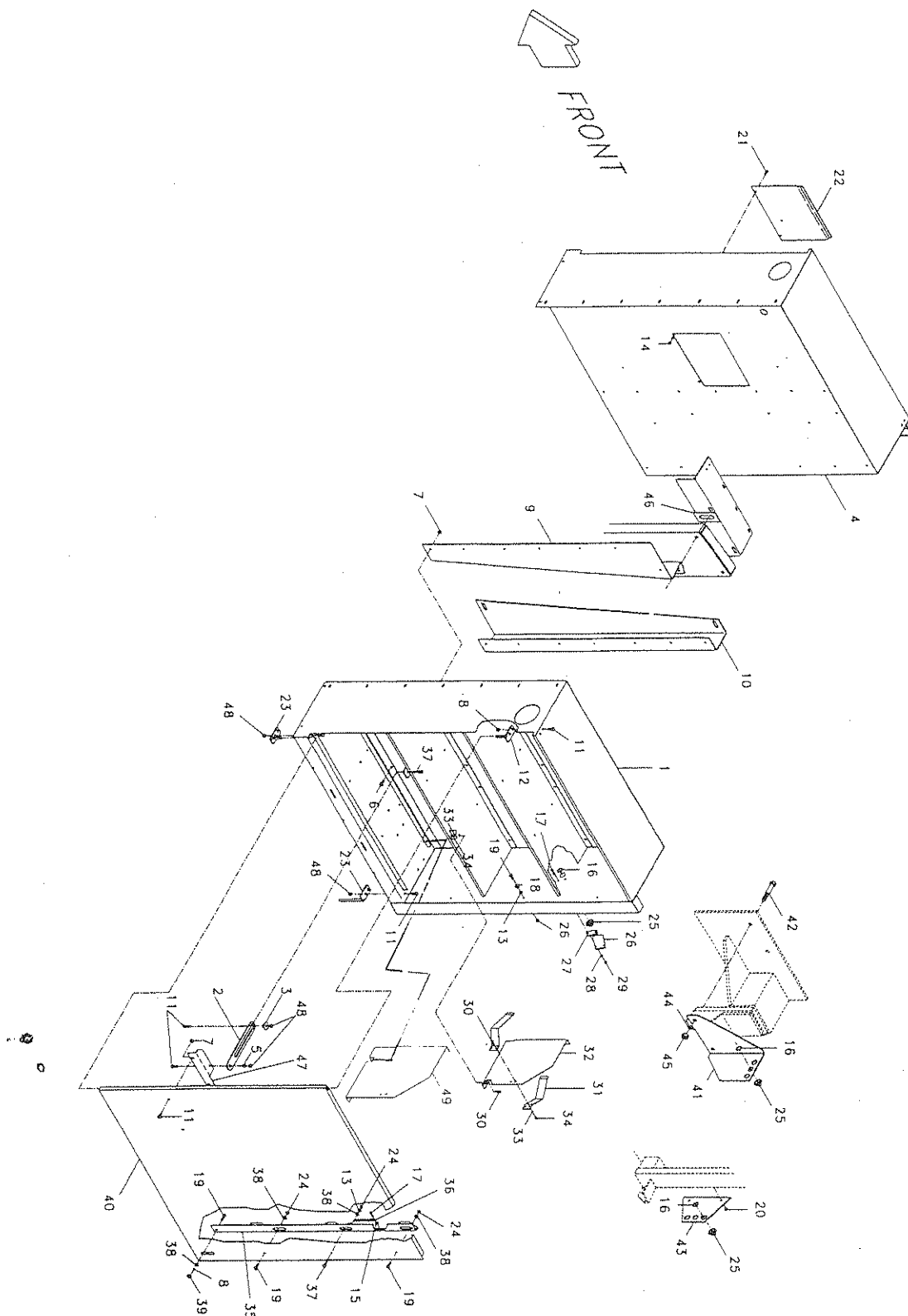
LOWER FRONT SHIELDS AND CONTROL BOXES ASSEMBLY

FIGURE 1-11

<u>REF. NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>SERIAL NO.</u>	<u>REMARKS</u>
1	SHD0023399	LOWER RIGHT FRONT SHIELD	1		
2	NMS0000117	5/16 NC WHIZ NUT PLTD	32		
3	SMT0002001	MACH SCREW - 5/16 X 3/4 TH PLTD	6		
4	SHD0024071	LOWER LFT FRT SHD	1		
5	ANC0023506	FRONT SHIELD ANCHOR	3		
6	ANC0023322	LEFT FRONT SHIELD ANCHOR	1		
7	SMS0000184	5/16 X 3/4 NC WHIZ BOLT PLTD	13		
8	GRD5062280	ARM GUARD - LEFT	1		
	GRD506481	ARM GUARD - RIGHT	1		
9	MNT0023391	MOUNT - CONTROL & FAN BOX	1		
10	SMS0000181	BOLT-3/8" X 3/4" NC FLG WHIZ	2		
11	ELC0172950	CONTROL BOX	1		
12	SMS0000177	5/16 X 1 NC WHIZ BOLT PLTD	13		
13	BRC0023404	RIGHT FRONT SHIELD BRACE	1		
14	ANC0023403	RIGHT FRONT SHIELD ANCHOR	1		
15	WCT0000625	5/8 FLAT WASHER	2		
16	NMS1809013	5/8-11 SM FLG TL NUT	2		
17	CRB3130075	5/16 X 3/4 CARRIAGE BOLT-PLTD	4		

TWINE BOXES AND BRACKETS ASSEMBLY

Figure 1-12



AUGUST, 1998

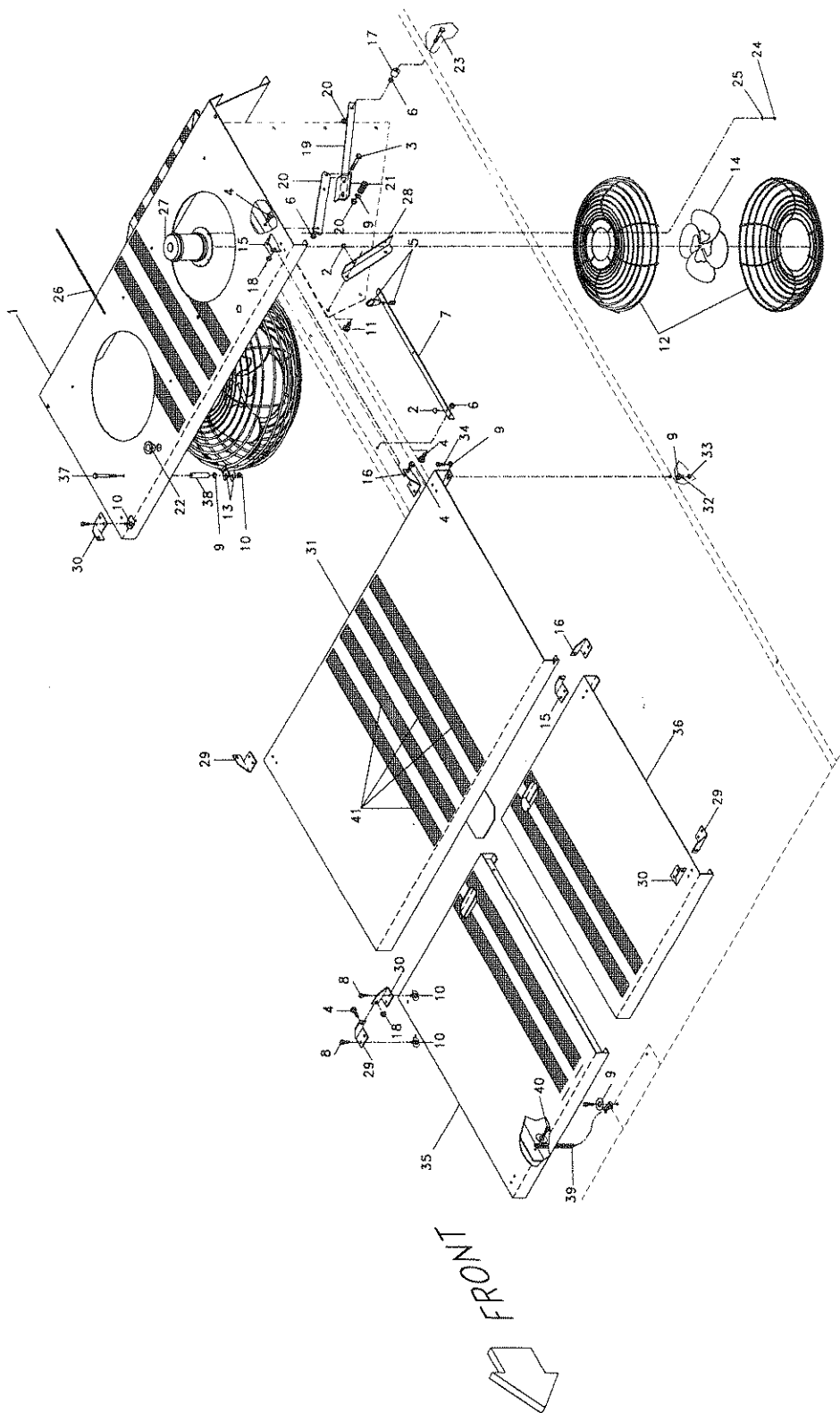
TWINE BOXES AND BRACKET ASSEMBLY

FIGURE 1-12

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	BOX0024949	LH TWINE BOX	1		
2	SHD0096569	STAY-SHIELD DOOR	2		
3	PLU0506009	PLUG-STAY DOOR.	2		
4	BOX0024950	RH TWINE BOX	1		
5	F 0004124	BUSHING- DRIVE ROD	2		
6	SMS0000184	5/16 X 3/4 NC WHIZ BOLT PLTD	16		
7	NMS0000117	5/16 NC WHIZ NUT PLTD	32		
8	WLK0000313	5/16 MEDIUM LOCKWASHER PLTD	3		
9	MNT23101E0	LH FRONT TWINE BOX MOUNT	1		
	MNT23101E1	RH FRONT TWINE BOX MOUNT	1		
10	MNT23102E0	LH REAR TWINE BOX MOUNT	1		
	MNT23102E1	RH REAR TWINE BOX MOUNT	1		
11	SMT0002001	MACH SCREW - 5/16 X 3/4 TH PLTD	18		
12	HNG23233B0	LH TOP HINGE PIN	2		
	HNG23233B1	RH TOP HINGE PIN	2		
13	WCT0000313	5/16 FLAT WASHER PLTD	5		
14	NCC0002500	1/4 NC CAGE NUT	2		
15	NCH0000250	1/4 NC HEX NUT PLTD	1		
16	F0000857	SNAP RING F/TWN GUIDE BUSHING	18		
17	SCC0001002	1/4 X 1 NC HT CS, PLTD	6		
18	BSH0015841	TWINE BOX DOOR LATCH BUSHING	6		
19	SCC0020002	5/16 X 1 NC HT CAPSCREW PLTD	20		
20	NCE0000375	3/8" ESNA NC NUT	4		
21	SCC0000100	1/4 X 1/2 NC HT CAP SCREW	2		
22	CVR0232361	RH TWINE BOX FILTER ACCESS COV	1		
23	HNG23507B0	LH LOWER FRONT DOOR HINGE	2		
	HNG23507B1	RH LOWER FRONT DOOR HINGE	2		
24	NCE0000313	5/16 NC ESNA NUT PLTD	3		
25	F0000856	BUSHING - TWINE & WIRE GUIDE	18		
26	CVR0016464	TWIN GUIDE COVER	6		
27	SPC0000000	TWINE GUIDE COVER SPACER	6		
28	WCT0000250	1/4" FLAT WASHER	6		
29	NCE0000250	1/4" NC ESNA NUT PLTD	6		
30	SMR0001001	1/4 X 3/4 RH MACH SCREW PLTD	48		
31	RET0023771	RETAINER - TWINE BALL	18		
32	BOX23237E0	DIVIDER - L.H. TWINE BOX	4		QTY. WAS 6
	BOX23237E1	DIVIDER - R.H. TWINE BOX	4		QTY. WAS 6
33	WLK0000250	1/4" LOCKWASHER PLTD	48		
34	NCH0000250	1/4 NC HEX NUT PLTD	48		
35	LTH15847E1	LH TWINE BOX DOOR LATCH	1		
	LTH0015848	RH TWINE BOX DOOR LATCH	1		
36	F0000278	SPRING - KNOTTER TRIP ARM	2		
37	SCC0020003	5/16 X 1 1/4 NC HT CS PLTD	3		
38	BSH0015842	TWINE BOX DOOR LATCH GUIDE BUSHING	8		
39	F0001007	CONTROL KNB 5/16 NC THREAD	2		
40	DOR23230E0	LH TWINE BOX DOOR	1		
	DOR23230E1	RH TWINE BOX DOOR	1		
41	26323B0	BRACKET - LEFT TWINE GUIDE	1		
	26323B1	BRACKET - RIGHT TWINE GUIDE	1		
42	SCC0070012	5/8 X 31/2 NC HT CAPSCREW PLTD	4		
43	BKT0023462	TWINE GUIDE BRKT	2		
44	WLK0000625	5/8 MEDIUM LOCK WASHER, PLTD	4		
45	NCH0000625	5/8 NC HEX NUT PLTD	4		
46	F0000967	16 GA SHIM F/PINION SHAFT BRG	12		
	F000967A	20 GA SHIM F/PINION SHAFT BRG	12		
	F000967B	10 GA SHIM F/PINION SHAFT BRG	12		
47	MNT5064110	MOUNT-DOOR STAY LEFT	1		
	MNT5061131	MOUNT-DOOR STAY RIGHT	1		
48	NMS0409001	NUT - 5/16 UNC GRD 5 SELF-LOCKING, TOP LOCK	16		
49	BOX0507654	TWINE - BOX BOTTOM, LH	2		ADD NEW ITEM
	BOX0507655	TWINE - BOX BOTTOM, RH	2		ADD NEW ITEM

TOP COVERS AND KNOTTER FANS ASSEMBLY

FIG 1-13



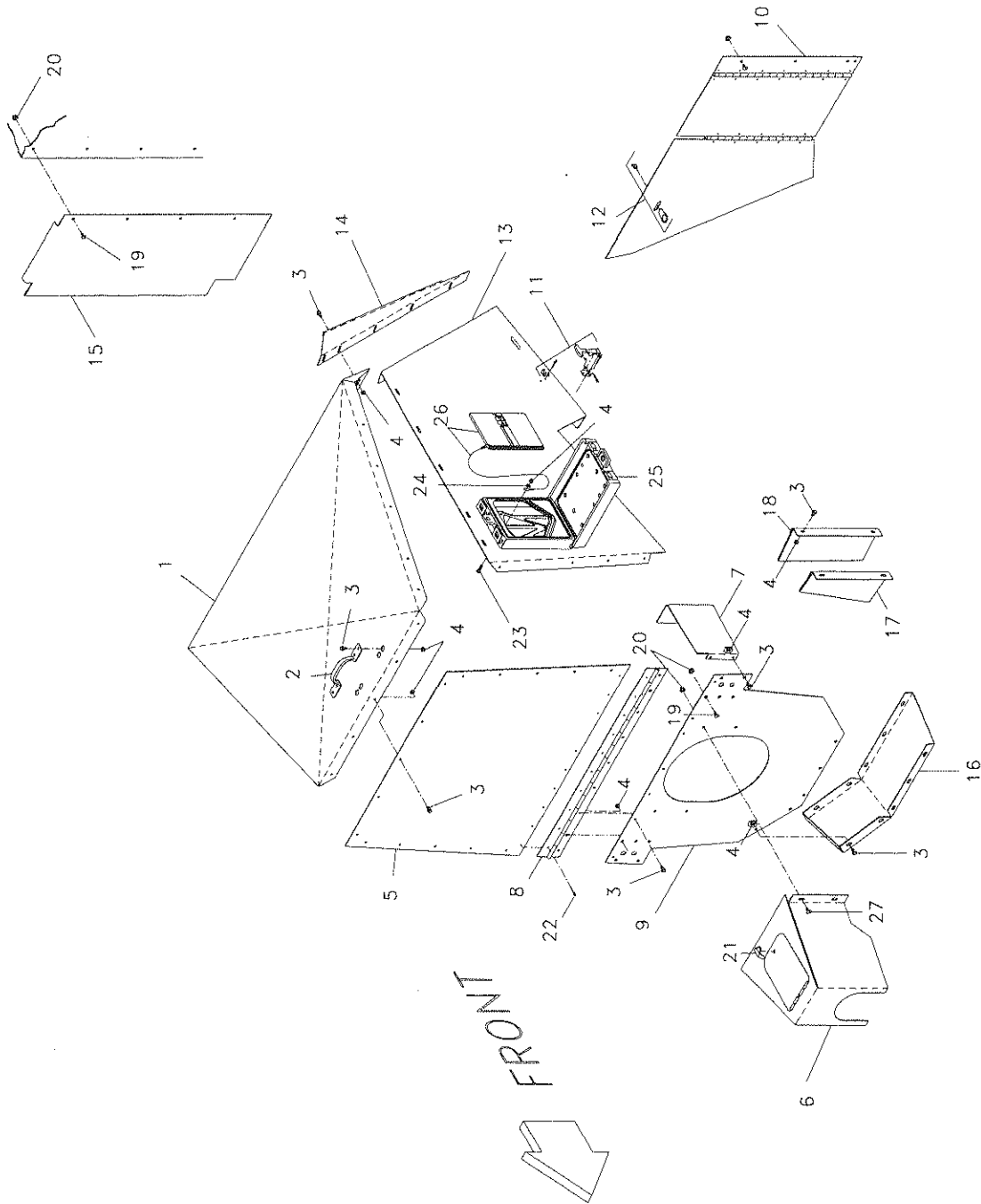
TOP COVERS AND KNOTTER FANS ASSEMBLY

FIGURE 1-13

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	CVR0023406	KNOTTER COVER	1		
2	BMP0004243	BUMPER - RUBBER GROMMET	10		
3	SCC0000208	5/16-18X2 1/2"GRADE#5 HEX BOLT	1		
4	SCC0020001	BOLT-5/16-18X3/4" GRADE#5 HEX	12		
5	FST0010401	MED DUTY FOLDING HANDLE FASTNR	2		
6	NMS0000117	NUT-5/16 NC FLG WHIZ LOCK	5		
7	SUP503560	LH KNOTTER CVR SUPPORT	1		
	SUP503561	RH KNOTTER CVR SUPPORT	1		
8	SMS0000171	BOLT-1/4 NC X 5/8 WHIZ PLT	24		
9	WCT0000250	WASHER-1/4 FLAT	17		
10	NMS0000250	NUT-1/4 NC FLG WHIZ LOCK	32		
11	SMS0000184	BOLT-5/16-18X3/4 FLANGE WHIZ	4		
12	GRD0004432	CAGE-F/KNOTTER BLOWER-COMPLETE	2		
13	CLP0022526	FAN GUARD CLIP	16		
14	FAN0250937	FAN BLADE F/KNOTTER BLOWER	2		
15	HNG1598501	RH PLUNGER COVER HINGE SECT	3		
16	HNG1598601	RH PLUNGER COVER HINGE SECT	3		
17	TUB1075023	TUBING-RND.3/4ODX5/16ID- .75	1		
18	NCE0000313	NUT-5/16-18 NYLON INSERT LOCK	3		
19	SUP5061200	ARM - SHIELD SUPPORT, RH	1		
20	SUP5061181	ARM - SHIELD SUPPORT	1		
21	SPG1803105	SPRING-COMP. #28 1 1/4" OA	1		
22	GRM0002285	7/8 ID X 1 1/8 OD V16 GRV GROMMET	2		
23	SCC0000206	BOLTS-5/16-18X2"GRADE#5 HEX	1		
24	NFH0001032	NUT-10-32 NF PLT	4		
25	WCT0010000	WASHER-#10 FLAT PLT	4		
26	CBT5151250	STRAP-CABLE TIE-T120R-0 15"	4		
27	MTR0022706	MOTOR W/ LEADS - KNOTTER FAN	2		
		(INCLUDES REF. 26)			
28	SUP5061240	SUPPORT - LEFT KNOTTER COVER	1		
	SUP5061231	SUPPORT - RIGHT KNOTTER COVER	1		
29	HNG1598500	LH PLUNGER COVER HINGE SECT	3		
30	HNG1598600	LH PLUNGER COVER HINGE SECT	3		
31	CVR0023300	REAR PLUNGER COVER ASSY	1		
32	WLK0000250	WASHER-1/4 S/T LOCK	4		
34	NCH0000250	NUT-1/4 NC HEX	4		
35	SCC0010001	BOLT-1/4-20X3/4"GRADE #5 HEX	4		
36	CVR5060231	SHIELD - RIGHT HALF PLUNGER COVER	1		
	CVR5060240	SHIELD - LEFT HALF PLUNGER COVER	1		
37	SCC0000110	BOLT-1/4-20X3 HEXHEAD GR 5	8		
38	SPC0506402	SPACER - KNOTTER FANS	8		
39	CHN0506116	CHAIN - 3/16 LONGLOO LIBST L BR17 LINKS	2		
40	SCC0010002	1/4-20 X 1" GRADE #5 HEX BOLT	4		
41	STP5776001	TAPE-SAFETY WALK 4 WIDE (SPCFY LGTH)	A/R		

DRIVE UNIT SHIELDS ASSEMBLY

FIG 1-14



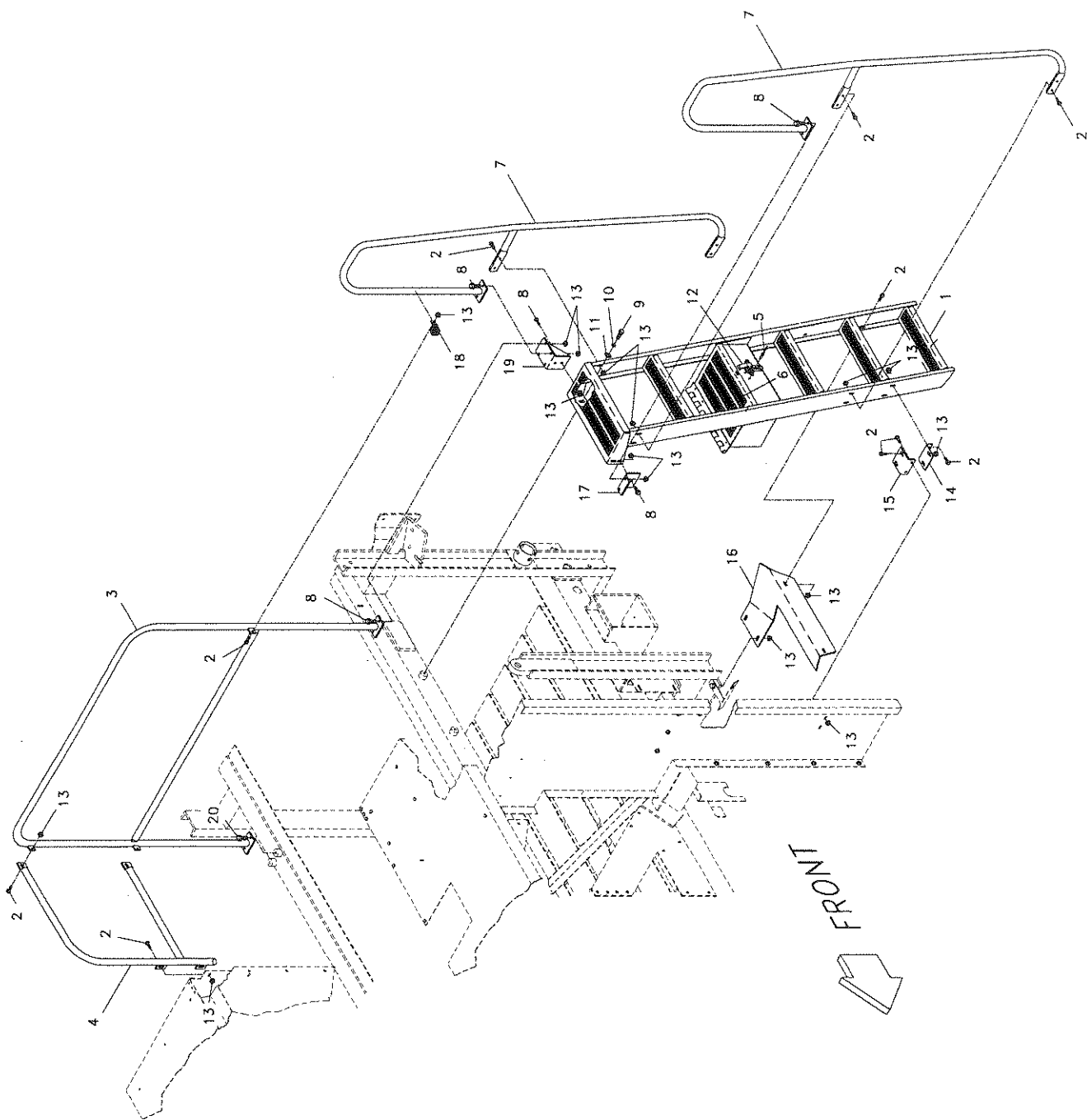
DRIVE UNIT SHIELDS ASSEMBLY

FIGURE 1-14

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	SHD0023412	DRIVE UNIT TOP SHIELD	1		
2	HAN0000817	HANDLE - CHROME GRAB	1		
3	SMS0000171	BOLT - 1/4 NC X 5/8 WHIZ PLTD	46		
4	NMS0000250	1/4 NC WHIZ NUT PLTD	47		
5	SHD0023443	SHEAVE FRONT UPPER SHIELD	1		
6	CVR056642	SHIELD-PTO CLUTCH COVER	1		
7	SHD23508D0	LH SHEAVE DUST SHIELD	1		
	SHD23508D1	RH SHEAVE DUST SHIELD	1		
8	HNG0023458	SHEAVE FRONT SHIELD HINGE	1		
9	SHD0023442	SHEAVE FRONT LOWER SHIELD	1		
10	CVR5048970	COVER ASSY - L.H. FRONT ACCESS	1		
	CVR5048991	COVER ASSY - R.H. FRONT ACCESS	1		
11	LAT0000201	RUBBER DRAW LATCH	2		
12	FST0010401	FOLDING HANDLE FASTENER	2		
13	SHD0235050	LH DRIVE UNIT SHIELD ASSY	1		
	SHD00235051	RH DRIVE UNIT SHIELD ASSY	1		
14	SHD0235000	LH DRIVE UNIT DUST SHD	1		
	SHD0235001	RH DRIVE UNIT DUST SHD	1		
15	SHD0234050	TOP FRONT SHIELD, LEFT	1		
	SHD0234051	TOP FRONT SHIELD, RIGHT	1		
16	23422E	SHIELD - MAIN SHEAVE BOTTOM	1		
17	23772D0	SHIELD - L.H. SIDE DUST	1		
	23772D1	SHIELD - R.H. SIDE DUST	1		
18	23773D0	SHIELD - L.H. REAR DUST	1		
	23773D1	SHIELD - R.H. REAR DUST	1		
19	SMT0002001	MACH SCREW - 5/16 X 3/4 TH PLTD	16		
20	NMS0000117	5/16 NC WHIZ NUT PLTD	32		
21	LAT0129684	LIFT & TURN LATCH	1		
22	RIV0000604	RIVET 3/16 X 1/4	14		
23	SCC0000102	BOLT-1/4 -20 X 1 GRD #5 HEX	2		
24	WCT0000250	WASHER 1/4 FLAT	2		
25	BOX0014241	CASE - 6"X9"X1" OPERATOR MANUAL	1		
26	PB0159200	OPERATOR MANUAL END	1		

SERVICE LADDER AND HANDRAILS ASSEMBLY

FIG 1-15



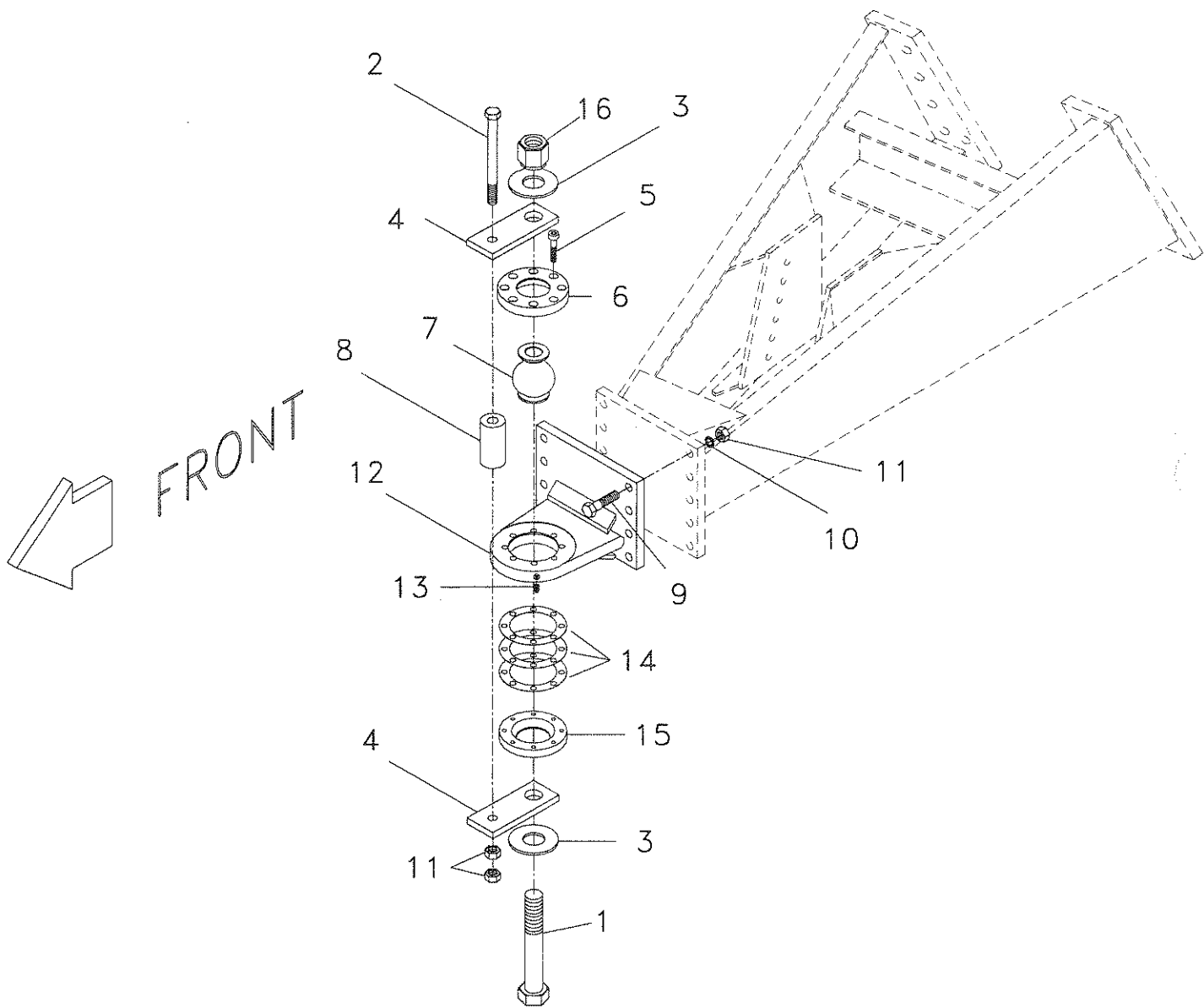
SERVICE LADDER AND HANDRAILS ASSEMBLY

FIGURE 1-15

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	LDR0023313	SERVICE LADDER ASSY	1		
2	SMS0000184	5/16 X 3/4 NC WHIZ BOLT PLTD	19		
3	RAL0024153	REAR RAIL ASSY	1		
4	RAL0024152	SIDE RAIL ASSY	1		
5	RIV0000604	RIVET - 3/16X1/4 STAINLESS GRIP	12		
6	STP0002000	TAPE - NON SKID SAFETY, 2" (SPCFY LGTH)	10		
7	RAL0023318	SERVICE LADDER HANDRAIL ASSY	2		
8	SMS0000177	5/16 X 1 NC WHIZ BOLT PLTD	14		
9	SCC0030002	3/8 X 1 NC HT CAPSCREW PLTD	2		
10	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	2		
11	WCT0000375	3/8 FLAT WASHER - PLTD	2		
12	CLP0000130	LATCH - OVER CENTER DRAW	1		
13	NMS0000117	5/16 NC WHIZ NUT PLTD	33		
14	BRC0025407	SERVICE LADDER BRACE	1		
15	BRC0025406	SERVICE LADDER BRACE	1		
16	SUP0023344	LADDER SUPPORT	1		
17	BKT0023510	SERV LADDER HANDRAIL TOP BKT	1		
18	CLP0000125	CLAMP - 1" W 13/32 HOLE VINYL	2		
19	BKT0024175	LADDER-HANDRAIL BRKT	1		
20	SMS0000181	BOLT - 3/8 X 3/4 NC WHIZ	2		

BALL HITCH ASSEMBLY

FIG 1-16



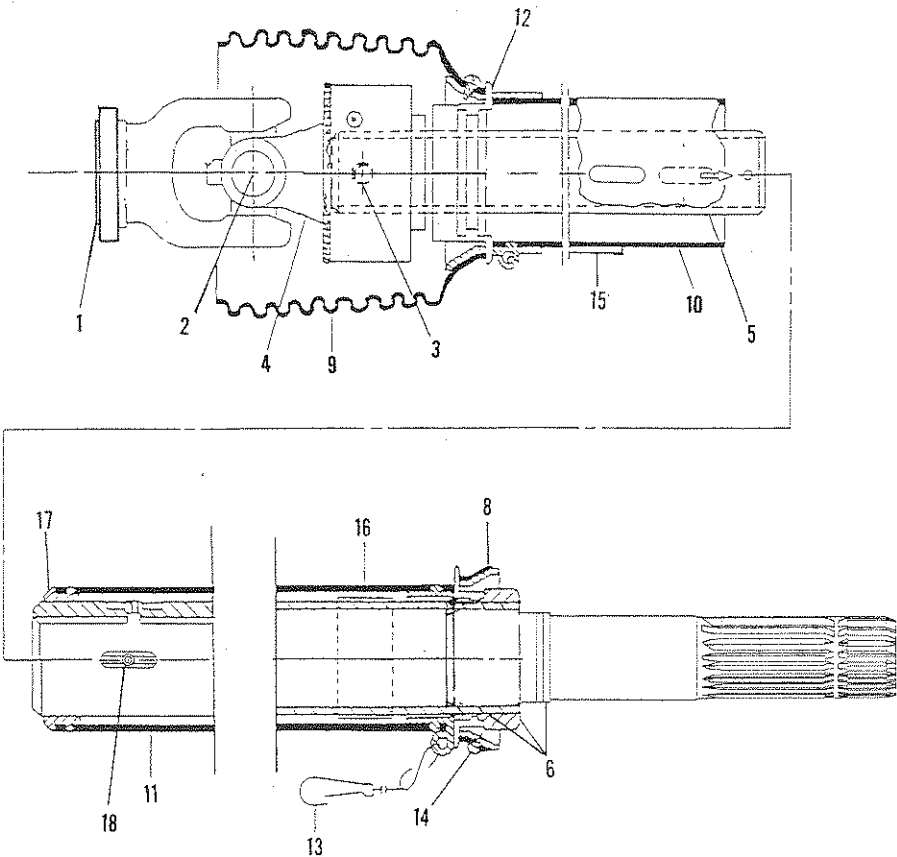
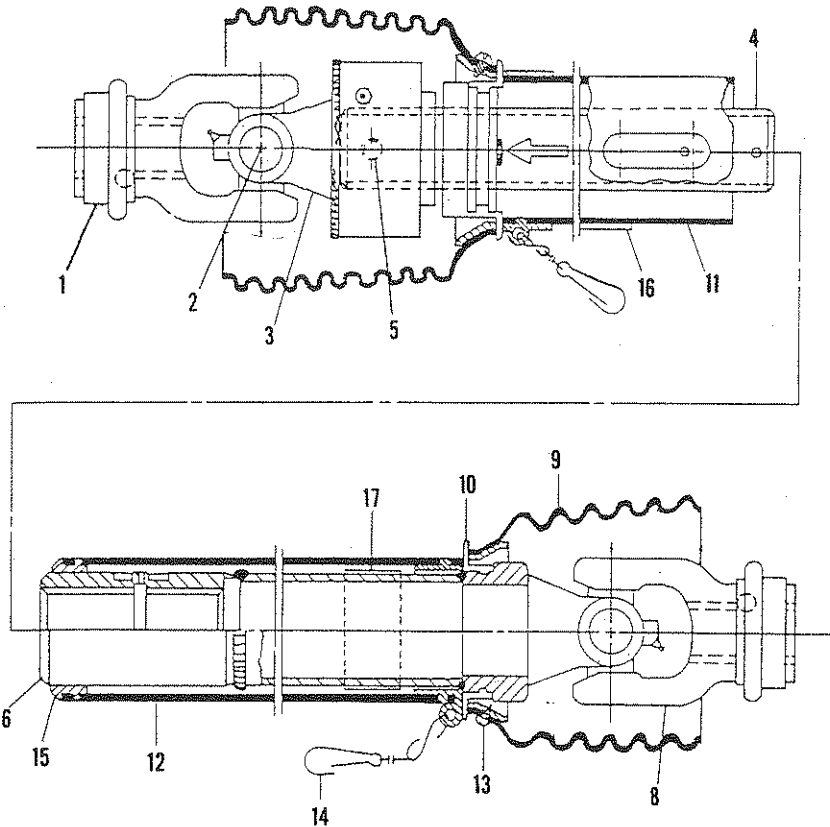
BALL HITCH ASSEMBLY

FIGURE 1-16

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	SCC0001325	BOLT - 1 1/4 NC X 9 1/2 GR5 HEX PLTD	1		
2	SCC0000721	5/8 X 7 1/2 NC HT CAP SCREW	1		
3	WCT0125000	1 1/4 FLATWASHER	2		
4	PLT0021488	CLEVIS PIN PLATE	2		
5	SCS0000306	3/8 X 2 NC SOCKET HEAD CS	8		
6	PLT0021486	BALL HITCH TOP PLATE	1		
7	HTH0021490	HITCH BALL	1		
8	SPC0021489	CLEVIS PLATE SPACER	1		
9	SCC0070008	5/8 X 2 1/2 NC HT CAPSCREW PLTD	8		
10	WLK0000625	5/8 MEDIUM LOCK WASHER, PLTD	8		
11	NCH0000625	5/8 NC HEX NUT PLTD	10		
12	HTH0021484	BALL HITCH MOUNT	1		
13	ZZ0000105	1/8 NPT STR X 5/16 HEX ZERK	1		
14	SHM0021483	SHIM - HITCH BALL	4		
15	PLT0021487	BALL HITCH BOTTOM PLATE	1		
16	NCE0012500	LOCKNUT-1 1/4 NC NYLON INS PLTD	1		

P.T.O. SHAFTS ASSEMBLY

FIG 1-17



P.T.O. SHAFTS ASSEMBLY

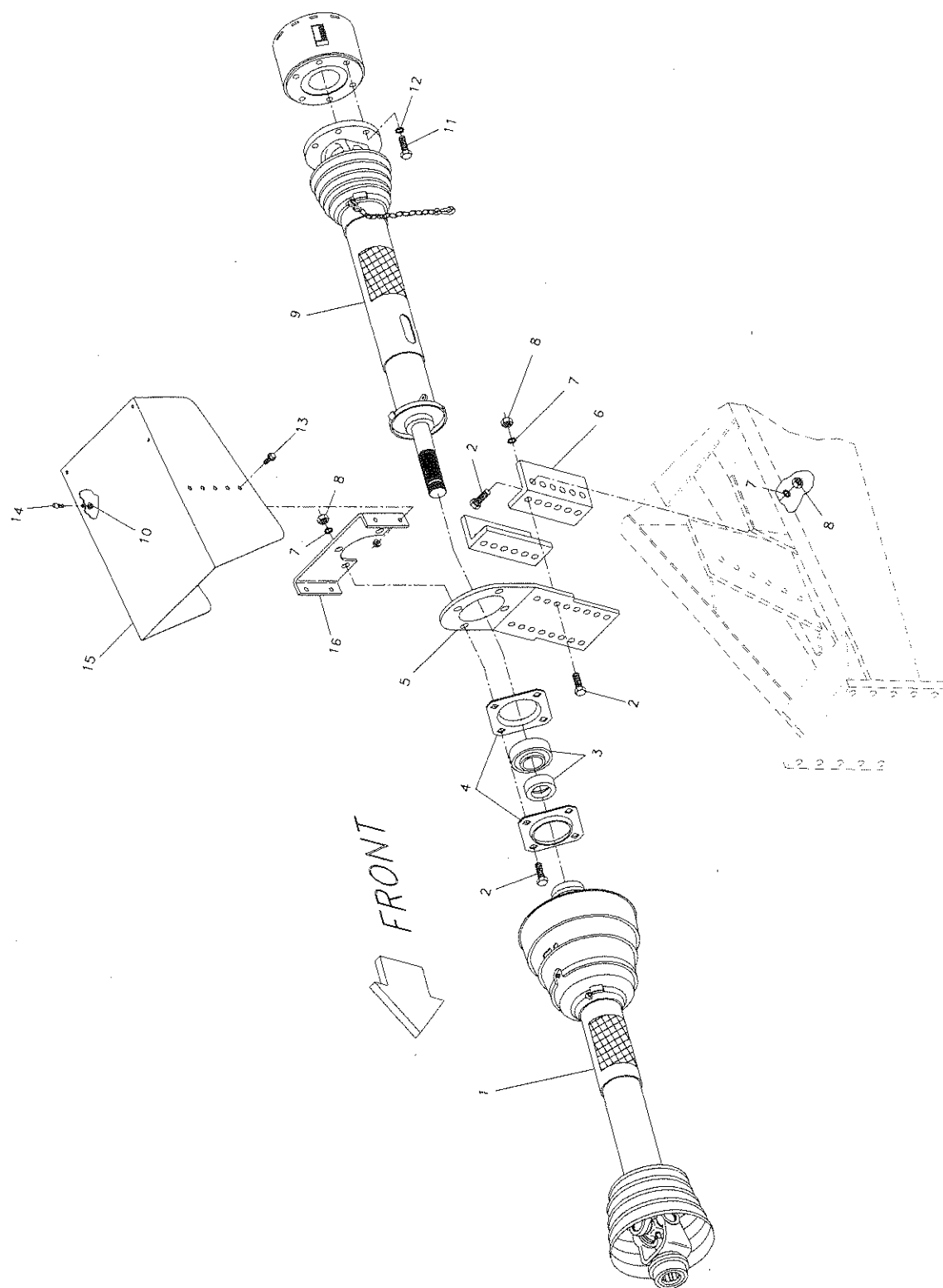
FIGURE 1-17

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	362430	YOKE 1 3/8"-21 PL. AS	1		
	362434	YOKE 1 3/4"-20 PL. AS	2		
2	312209	CROSS & BEARING KIT	2		
3	174039	INBOARD YOKE	1		
4	388242	INNER PROFILE	1		
	388944	INNER PROFILE	1		
5	304046	SPRING PIN 10 X 90	1		
6	388243	SLEEVE, TUBE & INBOARD YOKE W.A.	1		
	362434	SLEEVE, TUBE & INBOARD YOKE W.A. ON SHAFT 504553-001 ONLY	1		
8	365387	YOKE 1 3/4"-20 SPL A S	1		
9	87276	SHIELD CONE 7 RIB	2		
10	389772	BEARING RING SC25	2		
11	389773	OUT SHIELD TUBE OVL.	1		
	389776	OUT SHIELD TUBE OVL.	1		
12	365305	INN. SHIELD TUBE RND	1		
	389777	INN. SHIELD TUBE RND	1		
13	44321	SCREW IN ITEM 9	2		
14	44321	SAFETY CHAIN	2		
15	355155	SUPPORT BEARING	1		
16	383333	DECAL OUT. IN ITEM 11	1		
17	383334	DECAL INN. IN ITEM 6	1		
	364915	AS COL. KIT-IN ITEM 1	1		
	364916	AS COL. KIT-IN ITEM 6	1		

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	362434	FLANGE YOKE	1		
2	312209	CROSS & BEARING KIT	1		
3	174039	SPRING PIN 10 X 90	1		
4	388944	INBOARD YOKE S4	1		
5	304046	INNER PROFILE S4	1		
6	389775	S5 PROFILE, SLEEVE SHIELD SUPPORT & STUB SHAFT W.A.	1		
8	365556	GUARD RING SC25	1		
9	365387	SHIELD CONE 5 RING	1		
10	87276	OUT SHIELD TUBE OVL.	1		
11	389776	INN SHIELD TUBE RND	1		
12	389777	BEARING RING SC25	2		
13	365305	SAFETY CHAIN	1		
14	44321	SCREW IN ITEM 8 & 9	2		
15	355155	DECAL OUT IN ITEM 10	1		
16	383333	DECAL INN. IN ITEM 6	1		
17	383334	SUPPORT BEARING	1		
18	380371	ZERK IN ITEM 6	1		

3 PIECE P.T.O. DRIVE LINE ASSEMBLY

FIG 1-18



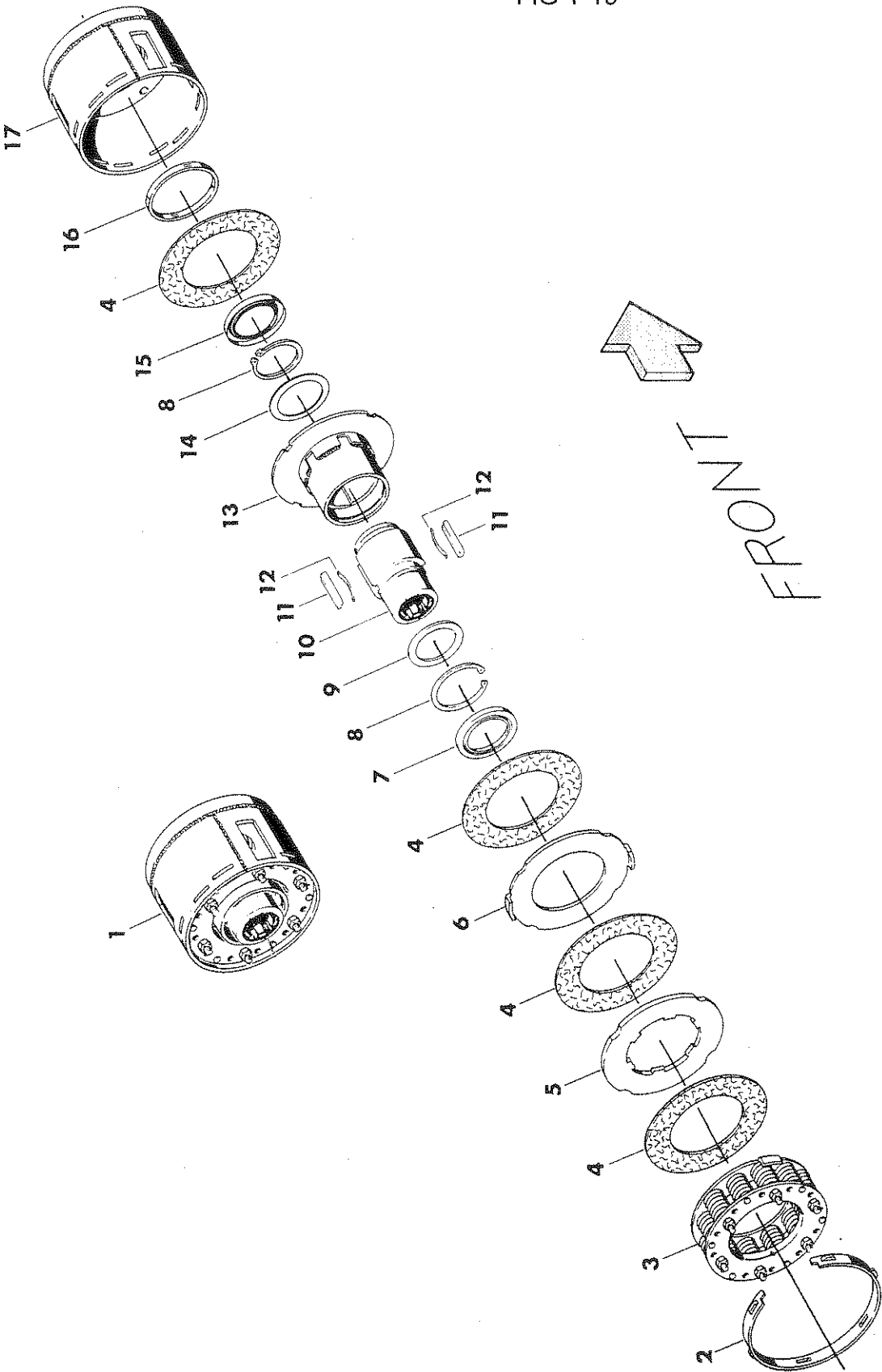
3-PIECE P.T.O. DRIVELINE ASSEMBLY

FIGURE 1-18

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	DRV0389771	1 3/8 X 21 FRNT SHF F/3PC DRVLN	1		
1	DRV0389774	1 3/4 X 20 FRNT SHF F/3PC DRVLN	1		
2	SCC0050004	1/2 X 11/2 NC HT CAPSCREW PLTD	12		
3	BRG0004501	BEARING-45MM SPHERICAL W/COLLAR	1		
4	BRG0000085	FLANGETTE F/3 PC DRVLN CTR BRG	2		
5	MNT0028883	PTO SHAFT BEARING MNT	1		
6	ANG0027391	ANGLE - PTO SHAFT BRG MNT, 1 3/4	2		
7	WLK0000500	1/2 LOCK WASHER, PLTD	12		
8	NCH0000500	1/2 NC HEX NUT PLTD	12		
9	DRV0389779	SECONDARY SHAFT F/3PC DRVLIN	1		
10	NMS0000250	NUT 1/4 NC FLG WHIZ LOCK	2		
11	SCCM0112025	12MX25M MC HEX HD CS PLTD 8.8	6		
12	WLKM0100120	LOCKWASHER - M12	6		
13	SMS0000184	5/16 X 3/4 NC WHIZ BOLT PLTD	4		
14	BMP0093769	MOUNT-SANDWICH SINGLE STUD	2		
15	SHD0027449	PTO SHAFT SHIELD - BIG BALER W/DECAL	1		
16	BKT0027448	PTO SHAFT SHIELD BRACKET	1		
17	NMS0000117	5/16 NC WHIZ NUT PLTD	4		

P.T.O. CLUTCH ASSEMBLY

FIG 1-19



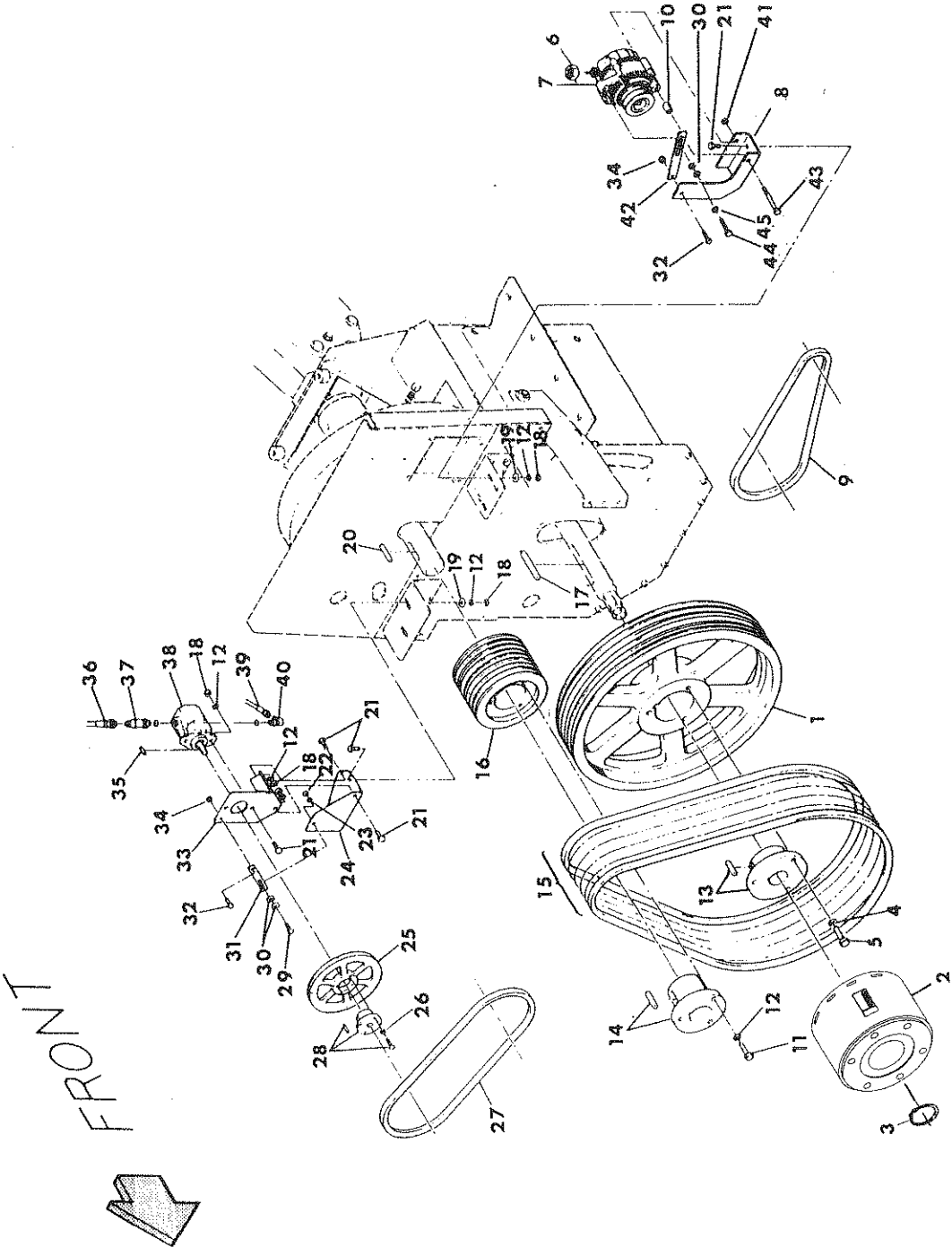
PTO CLUTCH ASSEMBLY

FIGURE 1-19

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	CLH0388110	CLUTCH-TORQUE LMTR	1		
2	RNG0367720	SETTING RING	1		
3	SPG0377672	SPRING PACK	1		
4	CLH0177009	DISK-FRICTION	4		
5	PLT0367725	DRIVE PLATE	1		
6	PLT0367726	DRIVE PLATE	1		
7	RNG0170012	SEALING RING	1		
8	RNG0702100	RETAINING RING	2		
9	DSK0304235	WASHER	1		
10	DRV0388109	HUB- 1 3/4"-6 SPL.	1		
11	KEY0331737	KEY	2		
12	SPG0332185	LEAF SPRING	2		
13	HSN0177008	HOUSING & DRIVE PLATE	1		
14	DSK0353203	WASHER	1		
15	RNG0175048	SEAL RING	1		
16	RNG0367718	RING	1		
17	HSN0388108	CLUTCH HOUSING	1		

MECHANICAL DRIVE UNIT ASSEMBLY

FIG 1-20



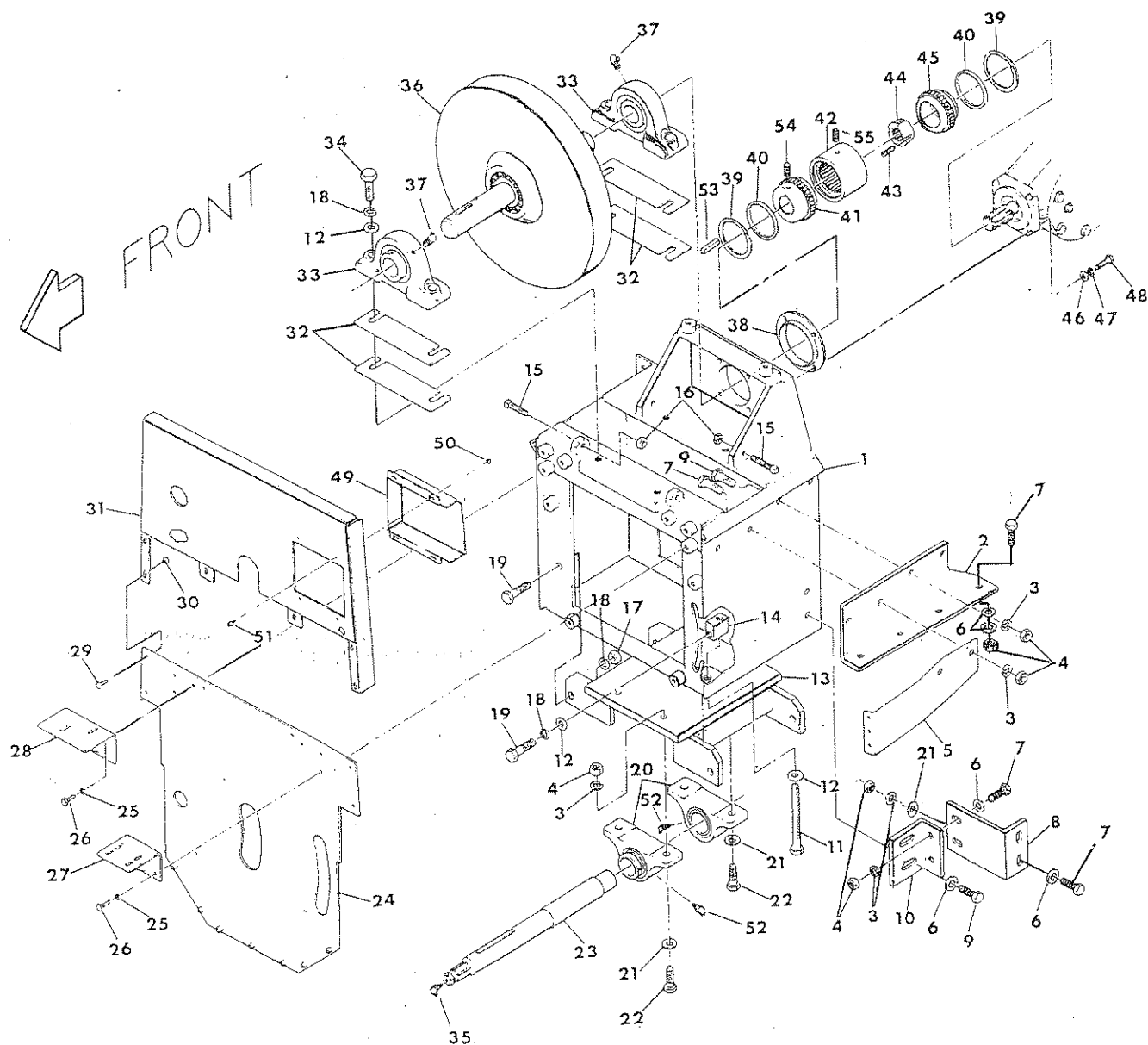
MECHANICAL DRIVE UNIT ASSEMBLY

FIGURE 1-20

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	SHV0000250	SHEAVE - 6S5V250	1		
2	CLH0038810	CLUTCH - TORQUE LMTR	1		
3	RNG5160175	SNAP RING	1		
4	WLK0000500	1/2 LOCK WASHER, PLTD	3		
5	SCC0050007	1/2 X 2 1/4 NC HT CAPSCREW PLTD	3		
6	NCHM008125	NUT-8MM	1		
7	ALT1002116	NIPPENDENSO ALTERNATOR	1		
8	BKT0023414	ALTERNATOR MOUNT BRKT	1		
9	BLT0000038	ALTERNATOR COG BELT	1		
10	SPC0028022	ALTERNATOR BRACKET SPACER	1		
11	SCS0000306	3/8 X 2 NC SOCKET HEAD CS	3		
12	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	14		
13	BSH0121875	S1 X 2 3/16 BUSHING	1		
14	BSH0221875	R2 X 2 3/16 BUSHING	1		
15	BLT0005950	BELT-COG	6		
16	SHV0000080	SHEAVE - 8R5V80	1		
17	ZZ0000458	KEY - 1/2 X 1/2 X 4 1/2	1		
18	NCH0000375	3/8 NC HEX NUT PLTD	11		
19	WCT0000375	3/8 FLAT WASHER - PLTD	7		
20	F0000072	KEY - 1/2 X 1/2 X 3 1/2	1		
21	SCC0030002	3/8 X 1 NC HT CAPSCREW PLTD	10		
22	NCH0000313	5/16 NC HEX NUT PLTD	1		
23	WLK0000313	5/16 MEDIUM LOCK WASHER, PLTD	1		
24	MNT0023288	TENS. CONTROL PUMP MNT BKT	1		
25	SHV0000079	SHEAVE - AK79H	1		
26	WLK0000250	1/4 LOCK WASHER PLTD	3		
27	BLT0000042	AX-42 COG BELT	1		
28	BSH0005625	H X 9/16 BUSHING	1		
29	SCC0020002	5/16 X 1 NC HT CAPSCREW PLTD	1		
30	WCT0000313	5/16 FLAT WASHER - PLTD	4		
31	BKT0015770	TNS CONTROL PUMP TENSION BRACKET	1		
32	SCC0020001	5/16 X 3/4 NC HT CAPSCREW PLTD	2		
33	MNT0018742	SAE "AA" 2-BOLT PUMP MOUNT	1		
34	NCE0000313	5/16 NC ESNA NUT PLTD	1		
35	ZZ0000403	KEY-1/8 X 1/8 X 1	1		
36	HOS0023494	TENSION PUMP SUCTION HOSE	1		
37	HYD5515045	8M JIC X 10M ADJ 90 DEG ELBOW	1		
38	PMP0022226	PMP-TENS CONTROL (LEFTHAND)	1		
39	HOS0016655	HOSE-TENS CONTROL PRESSURE	1		
40	HYD5515043	FITTING-6M X 8M JIC 90 DEG	1		
41	NCE0000375	LOCKNUT-3/8 NC NYLON INSERT PLTD	1		
42	BKT0023423	ALTERNATOR BELT TENSION BRKT	1		
43	SCC0030013	3/8 X 3 3/4 NC HT CAPSCREW PLTD	1		
44	SCCM108035	8M X 35M MC HEX HD CS - FL THRD	1		
45	WLKM100080	WASHER -LOCK M8 -SPRING D 127A	1		

MECHANICAL DRIVE UNIT ASSEMBLY

Figure 1-21



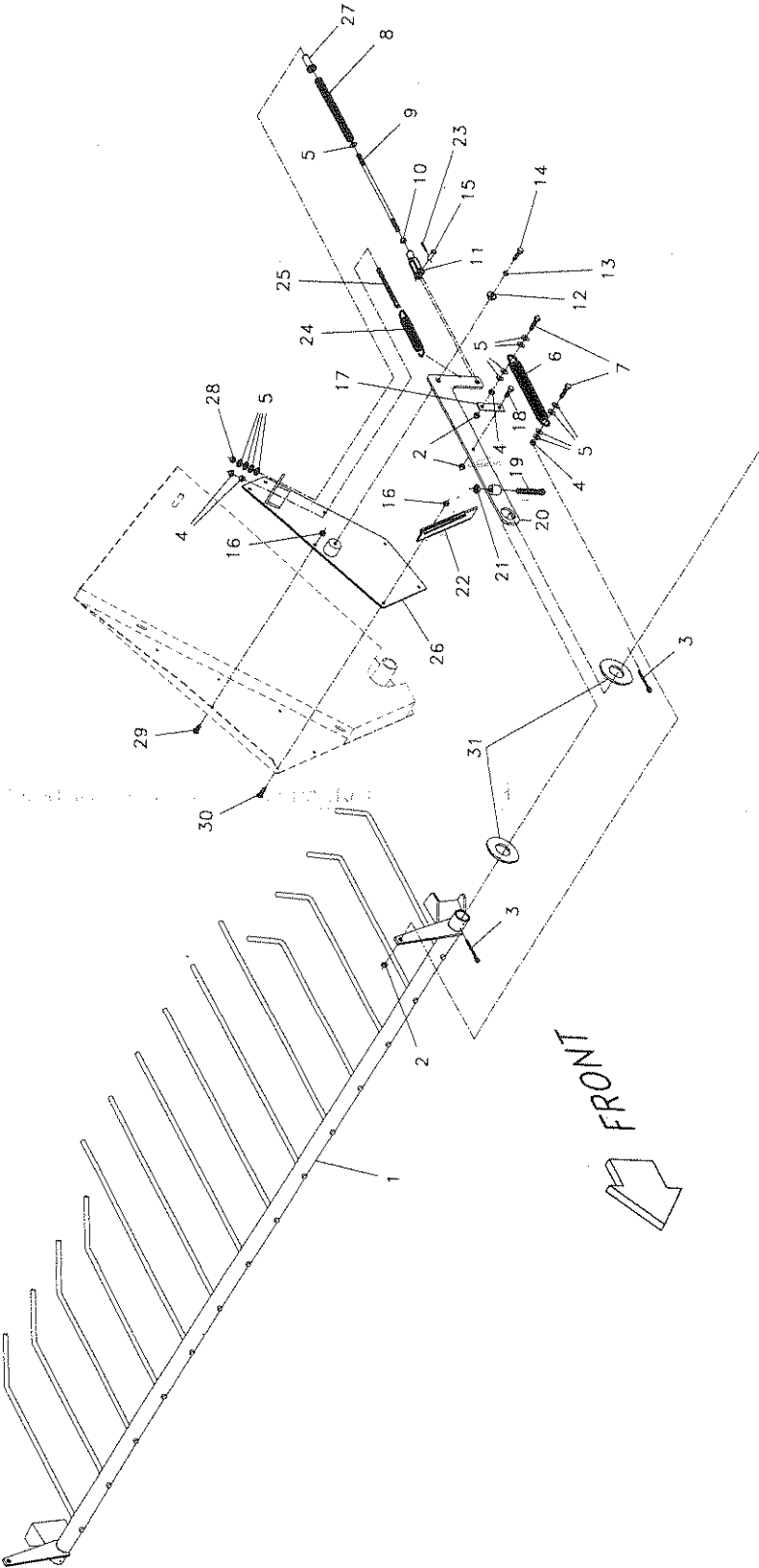
MECHANICAL DRIVE UNIT ASSEMBLY

FIGURE 1-21

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	FRM0023252	DRIVE FRAME	1		
2	BKT21626E0	LH FLYWHEEL FRAME MT BKT	1		
	BKT21626E1	RH FLYWHEEL FRAME MT BKT	1		
3	WLK0000625	5/8 MEDIUM LOCK WASHER, PLTD	28		QTY. WAS 16
4	NCH0000625	5/8 NC HEX NUT PLTD	28		QTY. WAS 16
5	BKT23341B0	LH FRT SLEEVE CVR SUPT BKT	1		
	BKT23341B1	RH FRT SLEEVE CVR SUPT BKT	1		
6	WCT0000625	5/8 FLAT WASHER - PLTD	20		QTY. WAS 8
7	SCC0070006	5/8 X 2 NC HT CAPSCREW PLTD	20		QTY. WAS 8
8	SUP0021636	ANCHOR SUPPORT	2		
9	SCC0070005	5/8 X 1 3/4 NC HT CS PLTD	8		
10	BKT025876B	FLYWHEEL MNT ANCHOR BKT	2		
11	ROD0015498	DRIVE BELT TAKE UP ROD	1		
12	WAS0000118	3/4 STRUCTURAL WASHER	6		
13	MNT0023278	DRIVE UNIT BELT TAKE UP	1		
14	BLK0015661	BELT TAKE UP TIGHTENER BLOCK	1		
15	SQS5003000	1/2 X 3 SQ HD SCREW	4		
16	NCJ0000500	1/2 NC JAM NUT PLTD	4		
17	NCH0000750	3/4 NC HEX NUT	1		
18	WLK0000750	3/4 LOCKWASHER PLTD	8		
19	SCC0080007	3/4 X 2 1/4 NC HT CAPSCREW PLTD	4		
20	BRG0218750	2 3/16 PILLOW BLOCK BEARING	2		
21	WAS0000105	5/8 STRUCTURAL WASHER	8		QTY. WAS 4
22	SCC0070008	5/8 X 2 1/2 NC HT CAPSCREW PLTD	4		
23	SHF023255E	PRIMARY DRIVE SHAFT	1		
24	SHD0023440	FLYWHEEL FRONT SHIELD BOTTOM	1		
25	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	6		
26	SCC0030002	3/8 X 1 NC HT CAPSCREW PLTD	6		
27	BKT0026243	ALTERNATOR SUPPORT BKT ASSY	1		
28	MNT0023468	TENSION PUMP MOUNT ASSY	1		
29	SMS0000184	5/16 X 3/4 NC WHIZ BOLT PLTD	6		
30	NMS0000117	5/16 NC WHIZ NUT PLTD	6		
31	SHD0026246	FLYWHEEL FRT SHD TOP ASSY	1		
32	SHM0015708	10 GA. FLYWHEEL BEARING SHIM	2		
	SHM0015709	16 GA. FLYWHEEL BEARING SHIM	2		
	SHM0015710	30 GA. FLYWHEEL BEARING SHIM	4		
33	BRG2187500	2 3/16 HEAVY PILLOW BLOCK BRG	2		
34	SCC0080008	3/4 X 2 1/2 NC HT CAPSCREW PLTD	4		
35	ZZ0005891	1/8 NPT 60 DEG. X 7/16 HEX ZERK	1		
36	FLW0023253	FLYWHEEL - BALANCED	1		
37	ZZ0000105	1/8 NPT STR 5/16 HEX ZERK	2		
38	DPT0018751	PUMP PILOT ADAPTER	1		
39	RNG0149396	RETAINING RING F/SLV0149918	2		
40	SEL00149223	GREASE SEAL F/SLV149918	2		
41	CPL0018917	PUMP DR CPLG HALF-BOXED-WALDR	1		
42	SLV0149918	SLEEVE F/CPC18917 /21616	1		
43	STS4375075	7/16 X 3/4 SOCKET SET SCREW	3		
44	BSH0021617	BUSHING F/CPL21616	1		
45	CPL0021616	PUMP DRIVE REAR COUPLING HALF	1		
46	WAS0000103	1/2 HARDENED FLAT WASHER - PLTD	4		
47	WLK0000500	1/2 LOCK WASHER, PLTD	4		
48	SCC0050006	1/2 X 2 NC HT CAPSCREW PLTD	4		
49	HSG026245D	ALTERNATOR HOUSING	1		
50	NMS0000250	1/4 NC WHIZ NUT PLTD	4		
51	SMS0000173	1/4 X 1/2 NC WHIZ BOLT PLTD	4		
52	ZZ0000107	1/8 NPT 45 DEG. X 7/16 HEX ZERK	2		
53	ZZ0000451	1/2 X 1/2 X 1 1/2 KEY	1		
54	ZZ0000104	1/8 NPT 90 DEG. X 7/16 HEX ZERK	2		
55	STS3750500	3/8 X 1/2 SETSCREW	2		

WIND GUARD ASSEMBLY

FIG 1-22



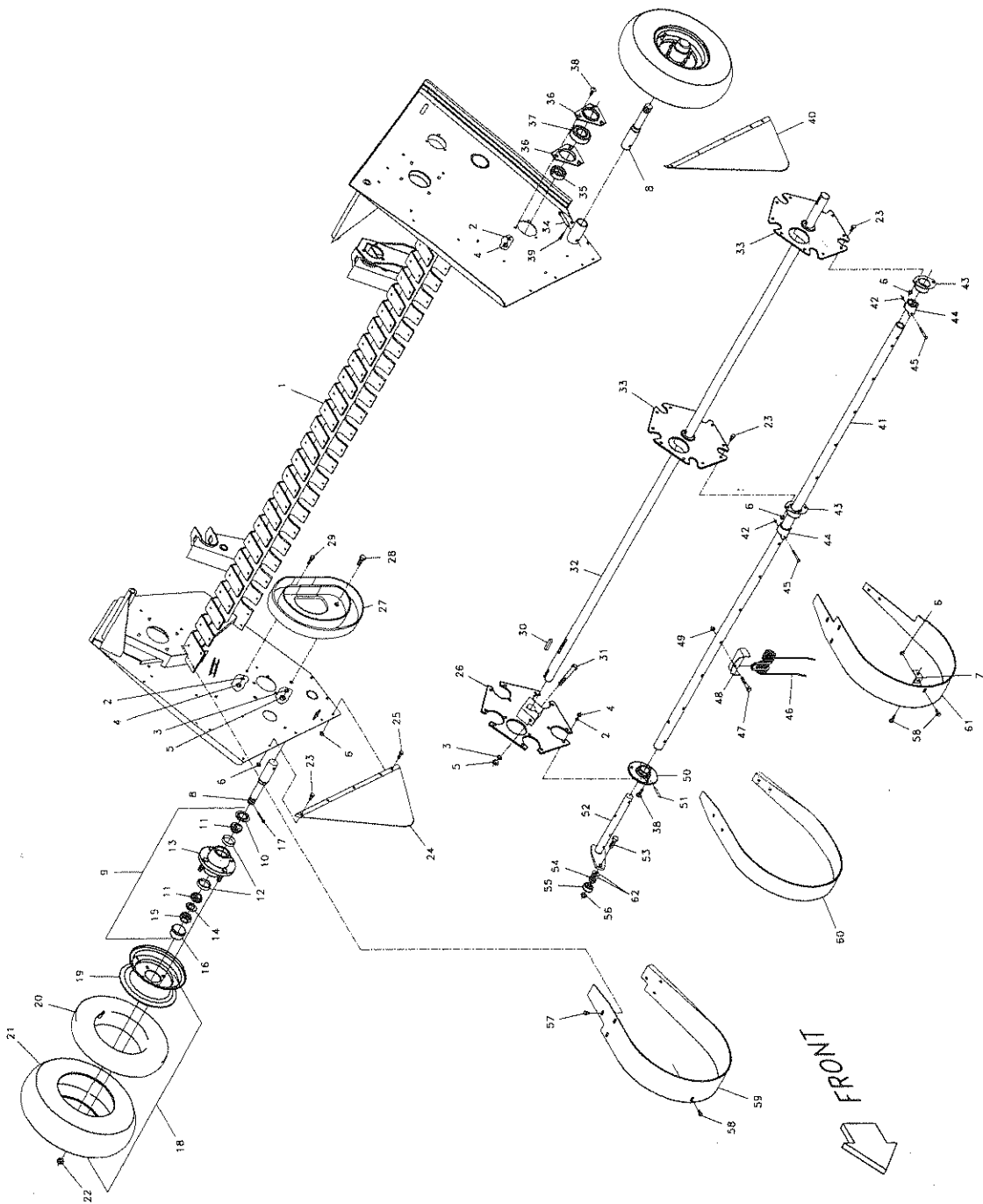
WINDGUARD FOR 93" PICKUP ASSEMBLY (PICKUP MOUNTED)

FIGURE 1-22

EF. N	PART NO.	DESCRIPTION	QTY.	SERIAL N.	REMARKS
1	GRD025283E	WINDGUARD - PICKUP MOUNTED	1		
2	NCE0000375	LOCKNUT - 3/8 NC NYLON INSERT PLTD	6		
3	COT0000806	3/16 X 2 1/2 COTTER PIN	4		
4	NCH0000375	3/8 NC HEX NUT PLTD	8		
5	WCT0000375	3/8 FLAT WASHER - PLTD	26		
6	F0001517	TRIP SPRING	2		
7	SCC0030004	3/8 X 11/2 NC HT CAOSCREW PLTD 1 3/4	4		
8	SPG25309A	SPRING - WNDGRD OVERTRAVEL	2		
9	ROD25329A	ROD - WNDGRD SPRING ADJ	2		
10	NFH0000375	3/8 NF HEX NUT PLTD	2		
11	06-125	3/8-24 UNF FEMALE CLEVIS	2		
12	F0000440	FERRULE	4		
13	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	2		
14	SCC0030003	3/8 X 11/4 NC HT CAPSCREW PLTD	2		
15	06-126	PIN - 3/8 CLEVIS	2		
16	NMS0000117	5/16 NC WHIZ NUT PLTD	16		
17	LNK025281A	LINK - WINDGUARD SPRING	2		
18	SCC0030002	3/8 X 1 NC HT CAPSCREW PLTD	2		
19	SQS5003000	1/2 X 3 SQ HD SCREW	2		
20	LEV25279D0	LEVER - LEFT WNDGRD SPRING	1		
	LEV25279D1	LEVER - RIGHT WNDGRD SPRING	1		
21	NCJ0000500	1/2" JAM NUT - PLATED	2		
22	GUD25278A0	GUIDE - LEFT WNDGRD SPNG LVR	1		
	GUD25278A1	GUIDE - RIGHT WNDGRD SPNG LVR	1		
23	COT0000502	1/8 X 1 COTTER PIN	2		
24	SPG0010555	SPRING - WINDGRD TENSION	2		
25	FT0006205	3/8-16 SPADE BOLT	2		
26	MNT25276D0	MOUNT - LEFT WINDGUARD	1		
	MNT25276D1	MOUNT - RIGHT WINDGUARD	1		
27	SPC25340A	SLIDER - WNDGRD SPRING SPACER	2		
28	NFE0000375	3/8" NF - ESNA NUT PLTD	2		
29	SBH0020001	5/16 X 3/4 NC BUTTON HD CS	10		
30	SBH0020002	5/16 X 1 NC BUTTON HD CS	4		
31	BSH0505909	2 1/2 X 1 3/4 X 14 GA. M.B. ZINC	4		

PICKUP REEL COMPONENTS ASSEMBLY

FIG 1-23



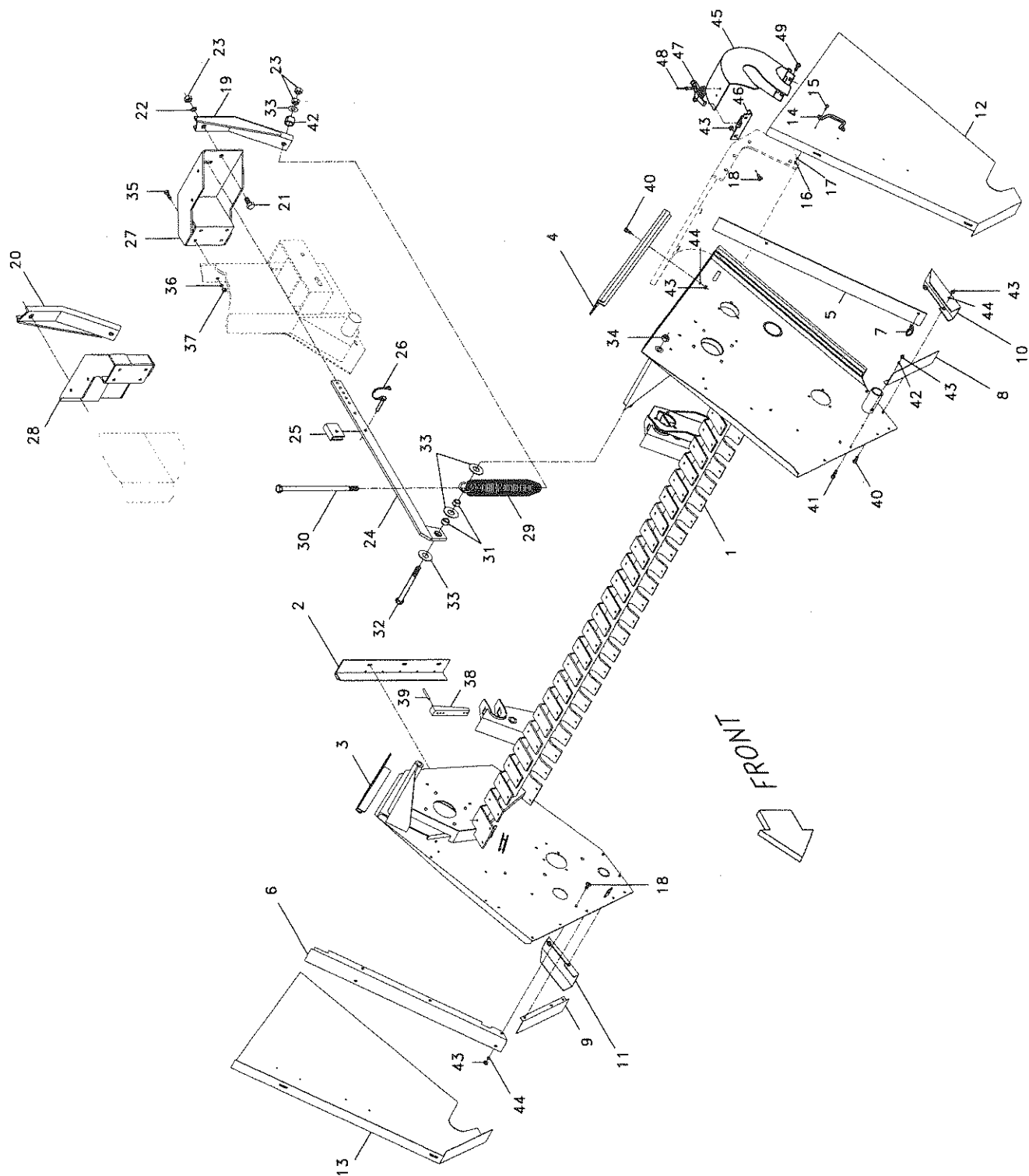
93" PICKUP REEL COMPONENTS ASSEMBLY

FIGURE 1-23

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	PCY0028026	FRAME - PICKUP	1		
2	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	27		
3	WLK0000500	1/2 LOCK WASHER, PLTD	7		
4	NCH0000375	3/8 NC HEX NUT PLTD	27		
5	NCH0000500	1/2 NC HEX NUT PLTD	7		
6	NCH0000313	5/16 -18 SM FLG T.L.	31		
7	PCY0017634	ANGLE-STRIPPER MOUNT	1		
8	SPN0017647	SPINDLE - PICKUP WHEEL	2		
9	HUB0000348	HUB ASSY	2		
10	SEL0034823	SEAL-WHEEL HUB	2		
11	F0001909	BEARING-CONE	4		
12	F0001654	CUP-BEARING	4		
13	HUB000BT12	WHEEL HUB	2		
14	ZZ0000219	MACH. BSHG 1 X 2 X 14 GA.	2		
15	NFC0010000	NUT-1 NF CASTLE	2		
16	CAP0046749	CAP-HUB	2		
17	COT0000502	1/8 X 1 COTTER PIN	2		
18	WHL0401530	WHEEL ASSY-480 X 8 (SMOOTH)	2		
19	WHL0412530	RIM-8 X 3.75 (4 ON 4")	2		
20	TIR0199128	TUBE 4.00 X 8	2		
21	TIR0004008	TIRE (400 X 8 PLY)	2		
22	SMS0005393	BOLT-LUG	8		
23	SCF0020001	5/16 -24 X 3/4 GR #5 HEX	31		
24	FEN1763201	FENDER FLARE - PICKUP RIGHT	1		
25	SCC0020002	5/16 X 1 NC HT CAPSCREW PLTD	6		
26	PCY0023053	REEL - PICKUP, RIGHT	1		
27	CAM0017414	CAM-PICKUP REEL	1		
28	SCC0050003	1/2 X 1 1/4 NC HT CAPSCREW PLTD	2		
29	SCC0000303	3/8 X 1 1/4 NCFH SOCKET CS	2		
30	F0007904	HKEYS - 3/8 X 3/8 X 2	3		
31	SCC0050011	1/2 X 3/4 NC HT CS - PLTD	3		
32	SHF0025191	SHAFT - PICKUP REEL	1		
33	PCY0017501	REEL - PICKUP <i>PCY 23053</i>	2		
34	CLV0120014	PIN - CLEVIS 3/8 X 2 1/2	2		
35	F0008381	COLLAR - LOCK	1		
36	F0008383	FLANGETTE - G72MSB NON LUBE	4		
37	F0008380	BEARING W/ LOCK COLLAR, 1 3/8	2		
38	CRB3751000	3/8 X 1 CARRIAGE BOLT	21		
39	COT0000501	PIN - EXPANSION 1/8 X 3/4	2		
40	FEN1763200	FENDER FLARE - PICKUP LEFT	1		
41	BAR0025204	BAR - PICKUP TOOTH	5		
42	NCE0000250	1/4 NC ESNA NUT PLTD	10		
43	HSN0017505	HOUSING - TOOTH BAR BEARING	10		
44	BRG0017508	BEARING - TOOTH BAR	10		
45	SCC0010006	1/4 X 2 NC HT CS - PLTD	10		
46	PCY0013464	FINGER - PICKUP	65		
47	SFC0030007	3/8 X 2 1/2 NF HT CS PLTD	65		
48	MNT0013456	MOUNT - PICKUP FINGER	65		
49	NFX0000375	3/8 NF FLEX LOCK NUT	65		
50	BRG0001101	BEARING	5		
51	ZZ0000715	PIN - EXPANSION 1/4 X 1 3/4	5		
52	LEV0023055	LEVER - PICKUP TOOTH BAR CAM	5		
53	SCC0080505	1/2 -13 X 1 3/4 GR#8 CAPSCREW	5		
54	BSH006231A	BUSHING - CAM LEVER ROLLER	5		
55	BRG0002029	BEARING	5		
56	NCJ0000500	1/2 NC SLTL GRD #5	5		
57	SMS0000198	5/16 X 1/2 NC WHIZ BOLT, PLTD	107		
58	SMS0000184	5/16 X 3/4 NC WHIZ BOLT PLTD	3		
59	PCY0025861	STRIPPER - PICKUP, RIGHT HAND	1		
60	PCY0025860	STRIPPER - PICKUP CENTER	25		
61	PCY0025859	STRIPPER - PICKUP, LEFT HAND	1		

PICKUP SHIELDS AND MOUNTS ASSEMBLY

FIG 1-24



93" PICKUP SHIELDS AND MOUNTS ASSEMBLY

FIGURE 1-24

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	PCY0028026	FRAME - PICKUP	1		
2	GUD18010B	GUIDE - PICKUP SHIELD	1		
3	GUD18011B	GUIDE - PICKUP SHIELD	1		
4	GUD18012D	GUIDE - PICKUP SHIELD	1		
5	SHD27344D0	SUPPORT - L.H. P/U SIDE SHIELD	1		
6	SHD27344D1	SUPPORT - R.H. P/U SIDE SHIELD	1		
7	FST0010401	MED DUTY FOLDING HANDLE FASTNR	4		
8	SUP0176350	SUPPORT - L.H. PICKUP SHIELD	1		
9	SUP0176351	SUPPORT - R.H. PICKUP SHIELD	1		
10	SHD0176360	BACKING - L.H. PICKUP SHIELD	1		
11	SHD0176361	BACKING - R.H. PICKUP SHIELD	1		
12	SHD0027343	SHIELD - L.H. PICKUP	1		
13	SHD0027342	SHIELD - R.H. PICKUP	1		
14	HAN0000150	HANDLE - PLATED DOOR	2		
15	SMF1032500	MACH SCREW - 10-32 X 1/2 FH	8		
16	WLK0000100	10-32 NF HEX NUT PLTD	8		
17	NFH0001032	LOCKWASHER - #10 PLTD	8		
18	CRB3130750	5/16 X 3/4 CARRIAGE BOLT	8		
19	BKT16162B0	BRACKET - L.H. PICKUP LIFT SPRING	1		
20	BKT16162B1	BRACKET - R.H. PICKUP LIFT SPRING	1		
21	SCC0070003	5/8 X 1-1/4 NC HT CS - PLATED	2		
22	WLK0000625	5/8 MEDIUM LOCK WASHER, PLTD	2		
23	NCH0000625	5/8 NC HEX NUT PLTD	6		
24	ARM0015684	ARM - PICKUP LIFT STOP	2		
25	BKT0015687	BRACKET - PICKUP LIFT STOP	2		
26	PIN0375125	PIN - SNAPPER 3/8 X 1 1/4	2		
27	BKT23502D0	BRACKET - L.H. SPRING ANCHOR	1		
28	BKT23502D1	BRACKET - R.H. SPRING ANCHOR	1		
29	SPG0017462	SPRING - PICKUP LIFT	2		
30	ANC0016029	ANCHOR - PICKUP LIFT SPRING	2		
31	SPC0016659	SPACER - PICKUP LIFT SPRING	4		
32	ROD0025263	ROD - PICKUP BALANCE SPRING	2		
33	WCT0000625	5/8" FLAT WASHER, PLTD	6		
34	NCE0000625	LOCKNUT-5/8 NC NYLON INSERT PLTD	2		
35	SCC0030003	3/8 X 1 1/4 NC HT CAPSCREW PLTD	8		
36	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	8		
37	NCH0000375	3/8 NC HEX NUT PLTD	8		
38	PIN0015507	PIN - PICKUP PIVOT	2		
39	ZZ0000705	1/4 X 2 ROLL PIN	4		
40	SCC0020001	5/16 X 3/4 NC HT CAPSCREW PLTD	9		
41	SCC0020002	5/16 X 1 NC HT CAPSCREW PLTD	6		
42	BSH0501129	BUSHING- 1 1/2 X 1/4 W - .86	2		
43	NCH0000313	5/16 NC HEX NUT PLTD	25		
44	WLK0000313	5/16 MEDIUM LOCK WASHER PLTD	25		
45	SHD0502998	SHIELD - PICKUP CLUTCH	1		

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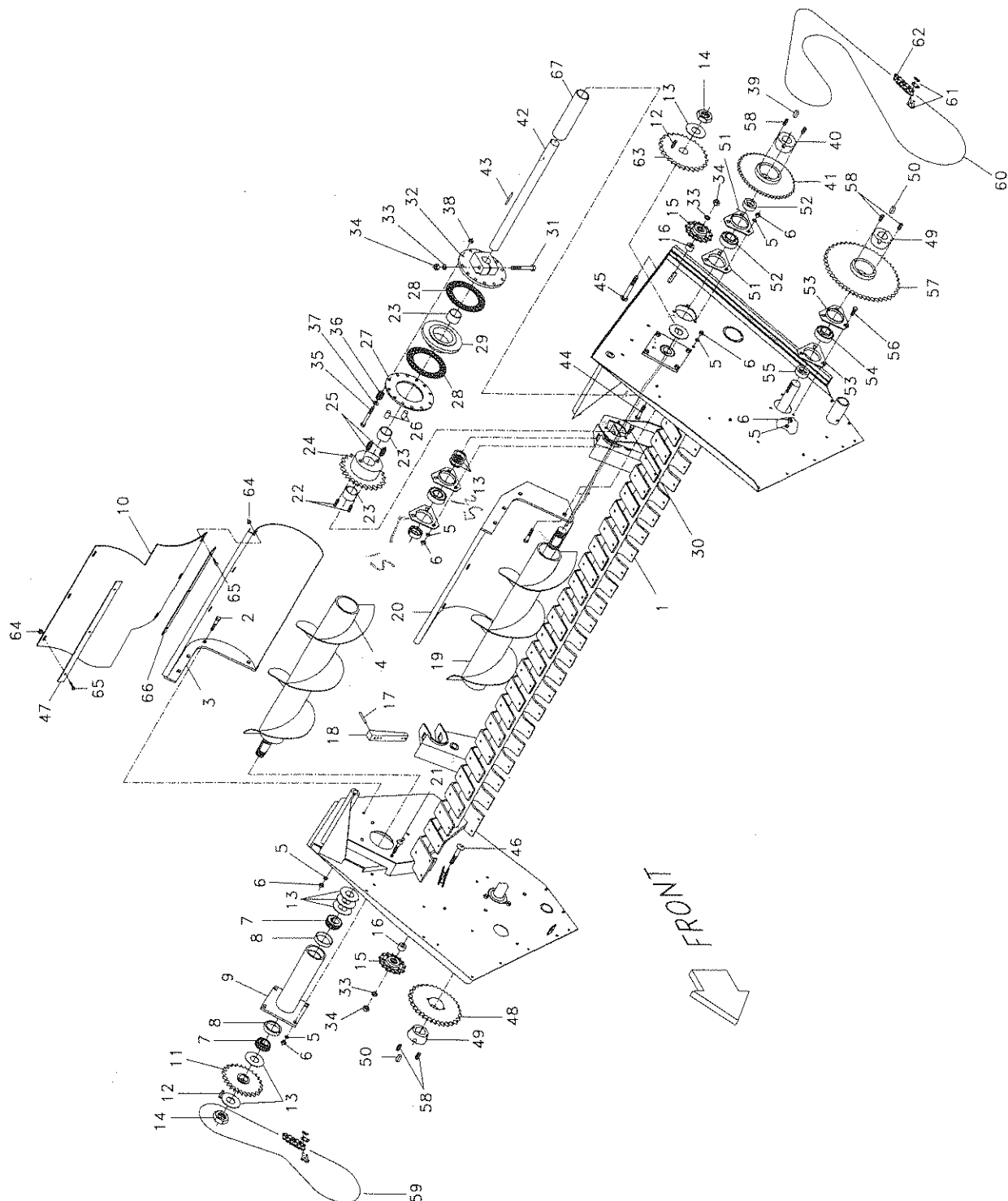
47 109610-001

48 547005

49 4474006

PICKUP DRIVE COMPONENTS ASSEMBLY

FIG 1-25



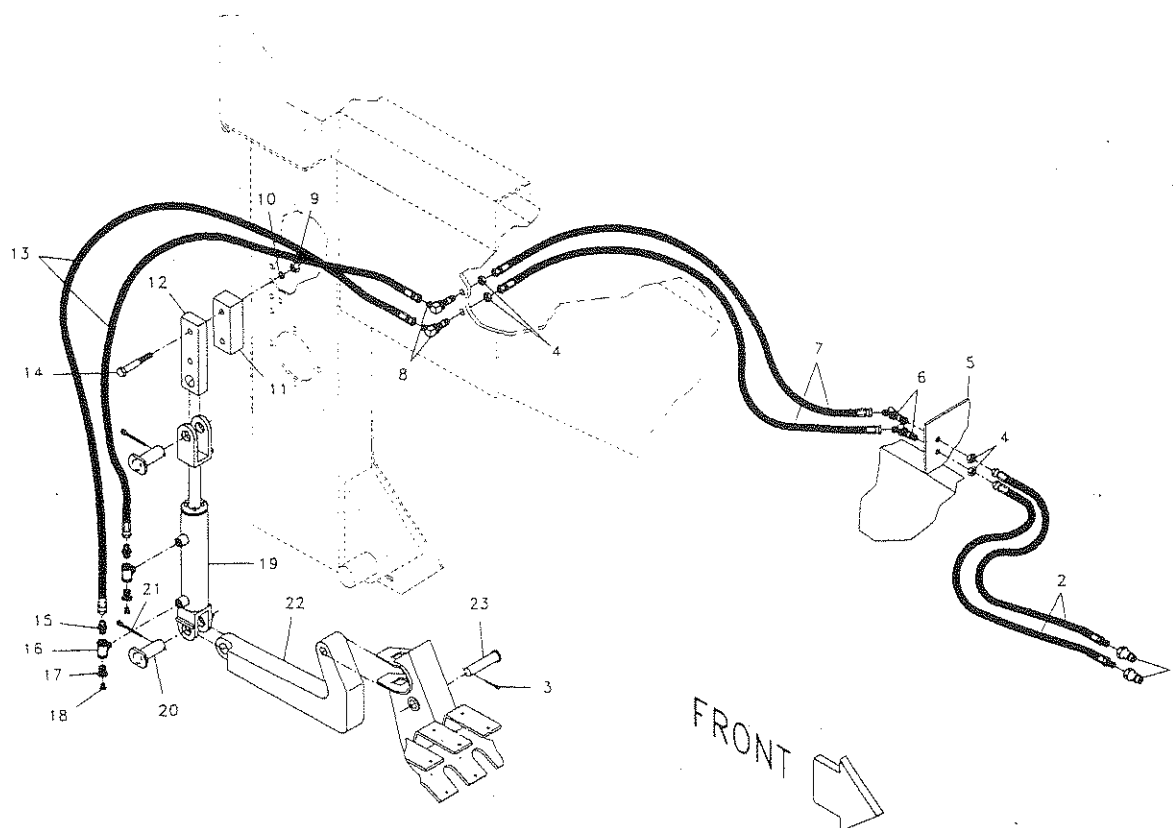
PICKUP DRIVE COMPONENTS ASSEMBLY

FIGURE 1-25

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	PCY0028026	FRAME - PICKUP	1		
2	CRB3752000	3/8 X 2 CARR. BOLT	8		
3	AUG0026179	TROUGH - R.H. PICKUP AUGER	1		
4	AUG0025184	AUGER ASSY - R.H.	1		
5	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	8		
6	NCH0000375	3/8 NC HEX NUT PLTD	1		
7	BRG0067000	BEARING - CONE	2		
8	BRG0008011	BEARING - CUP	2		
9	HSN0027989	HOUSING - PICKUP AUGER BEARING	1		
10	BLT 0026167	TROUGH HAY DEFLECTOR BELT	1		
11	SPK0005023	SPKT - 1 1/4 BORE W 1/4 KW 2SS UST	1		
12	ZZ0000406	1/4 X 1/4 X 1" KEY	2		
13	WAS0015783	MACH. BSHG - 1 1/4 X 1 7/8 X 10 GA.	8		
14	NEJ0001250	LOCKNUT-1 1/4 NF NYLON INS PLTD	1		
15	SPK0002416	SPROCKET - IDLER AG 2416A	2		
16	SPC0017669	SPACER - PICKUP IDLER	2		
17	ZZ0000705	1/4 X 2 ROLL PIN	8		
18	PIN0015507	PIN - PICKUP PIVOT	1		
19	AUG0025183	AUGER ASSY - L.H.	1		
20	AUG0026178	TROUGH - L.H. PICKUP AUGER	1		
21	SMS0000305	3/8 X 2 1/2" CARR. BOLT	8		
22	HYD3169030	PIPE PLUG - 3/8 SOCKET HD STEEL	1		
23	BRG0020016	BUSHING - PICKUP DRIVE	1		
24	SPK0017769	SPROCKET - PICKUP CLUTCH	1		
25	F0001790	SPRING - PIN COMPRESSION	2		
26	F0003609	PIN-CLUTCH	2		
27	CLH0017849	DISC - PICKUP CLUTCH	1		
28	F0001793	DISC - CLUTCH FRICTION	4		
29	CLH017767D	CLUTCH - PICKUP DRIVE	1		
30	SCC0030002	3/8 X 1 NC HT CAPSCREW PLTD	3		
31	SCC0050011	1/2 X 3 1/4 NC HT CS - PLTD	2		
32	CLH0017773	ADAPTER - PICKUP CLUTCH	1		
33	WLK0000500	1/2 LOCK WASHER, PLTD	3		
34	NCH0000500	1/2 NC HEX NUT PLTD	5		
35	SCC0030011	3/8 X 3 1/4 NC HT CAPSCREW PLTD	1		
36	F0001797	SPRING - CLUTCH COMPRESSION	2		
37	WCT0000375	3/8 FLAT WASHER - PLTD	24		
38	NCE0000375	LOCKNUT-3/8 NC NYLON INSERT PLTD	1		
39	ZZ0000406	1/4 X 1/4 X 1 KEY	1		
40	BSH1252012	BUSHING - 2012 1 1/4" BORE	1		
41	SPK0005041	SPROCKET - 50BTL41 TAPER LOCK	6		
42	SHF0025234	SHAFT - PICKUP DRIVE	1		
43	ZZ0000454	1/4 X 1/4 X 2 KEY	2		
44	SCC0030006	3/8 X 2 NC HT CAPSCREW PLTD	4		
45	CRB5003750	BOLT - 1/2-13 X 3 3/4 GR5 CARR.	6		
46	CRB5003000	1/2 X 3 CARR BOLT	12		
47	BAR0026169	BAR - UPPER DEF. BLT. RETAIN.	1		
48	SPK0000536	SPROCKET - 50BTL36	1		
49	BSH0001021	BUSHING - 1 3/8 BORE X 3/8 KEYWAY	1		
50	ZZ0000438	3/8 X 3/8 X 1 KEY	4		
51	BRG0000063	FLANGETTE - G62MSB	6		
52	BRG00000103	BEARING - 1 1/4" W/ LOCK COLLAR	2		
53	F0008383	FLANGETTE - G72MSB NON LUBE	4		
54	F0008380	BEARING W/ LOCK COLLAR, 1 3/8	1		
55	F0008381	COLLAR - LOCK	1		
56	CRB3751000	3/8 X 1 CARRIAGE BOLT	16		
57	SPK0000554	SPROCKET - 50BTL54	1		
58	SCO0000403	7/16 X 7/8 NC FH SOCKET CS	2		
59	CHN0005087	CHAIN RC50 X 90 W/2 OFF & CONN	3		
60	CHN0050177	CHAIN RC50 X 180 W/2 OFF & CONN	1		
61	F0000025	CONNECTING LINK-RC50	1		
62	F0000123	#50 OFFSET LINK	1		
63	SPK0005035	SPROCKET - 1 1/4 BORE X 1/4 K 2SS	4		
64	NMS0000250	1/4 NC WHIZ NUT PLTD	2		
65	SMT0001001	MACH SCREW - 1/4 X 3/4 TH PLTD	1		
66	BAR0026170	BAR - LOWER DEF. BLT. RETAIN.	2		
67	GRD0506144	GUARD - PICKUP DRIVE SHAFT	2		

HYDRULIC PICKUP LIFT ASSEMBLY

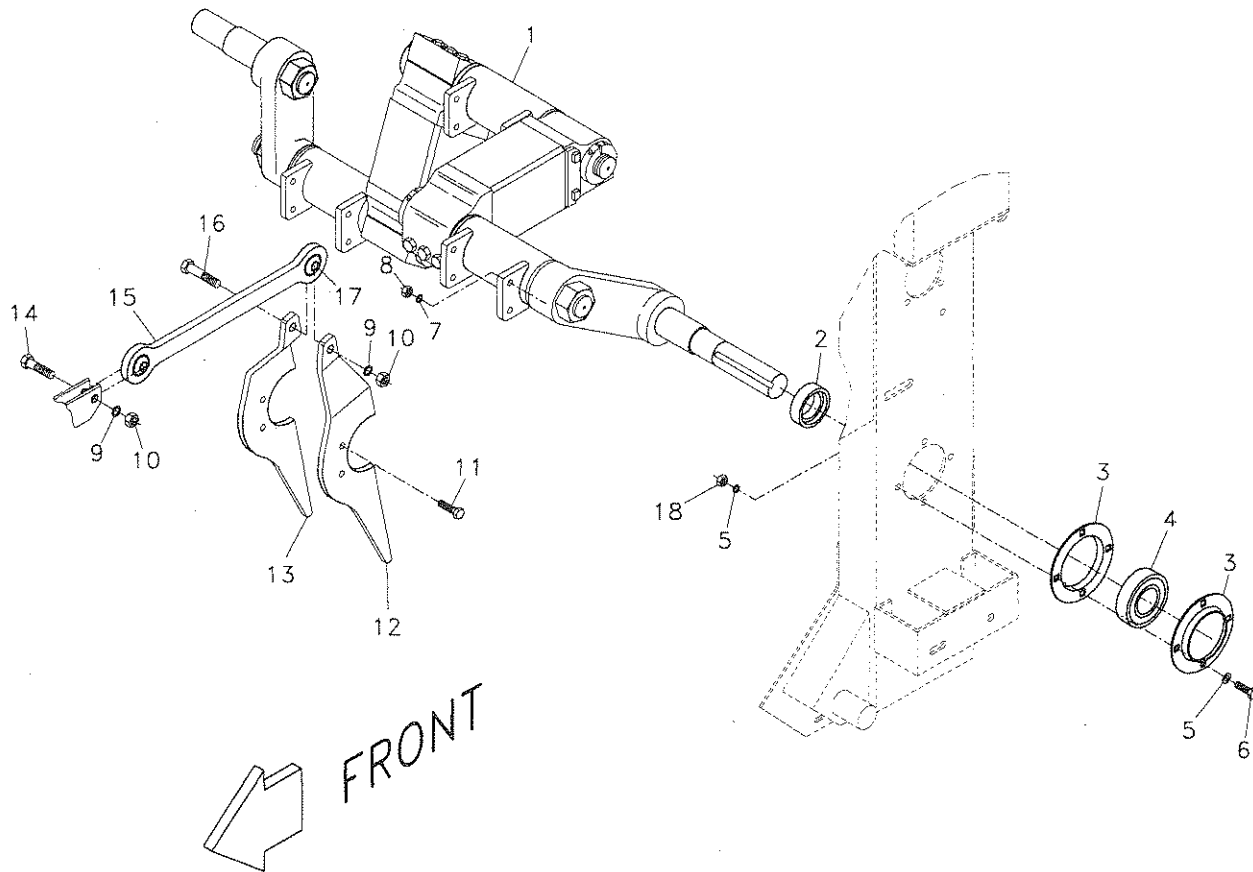
FIGURE 1-26



REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
2PL0080104	HYD3409032	1/2 HYDRAULIC QUICK COUPLER	2		
2	HOS0016658	HOSE-PICKUP LIFT SUPPLY	2		
3	ARM0027984	PIN - COTTER 1/8 X 1 1/4	1		
4	CYL0000205	BULKHEAD NUT - 3/8	4		
5	SHD0023442	SHEAVE FRONT LOWER SHIELD	1		
6	CPL0080104	3/8JIC45 BULKHEAD UNION ELBOW	2		
7	HOS0024293	LONG P/U LIFT HOSE AF/3-91	2		
8	HYD5375030	3/8JICX90 BULKHEAD UNION ELBOW	2		
9	WLK0000500	1/2 NC HEX NUT PLTD	2		
10	COT0000805	1/2 LOCK WASHER, PLTD	2		
11	SPC0024097	SPACER - PICKUP LIFT CYL MOUNT	1		
12	MNT0024096	MOUNT - PICKUP LIFT CYL	1		
13	HOS0020760	PICKUP LIFT CYL HOSE	2		
14	NCH0000500	1/2 X 31/2 NC HT CAPSCREW PLTD	2		
15	HYD5525030	6M JIC3/8M ST ADAPTER	2		
16	CLV0120045	BRANCH TEE - 3/8 NPT STEEL MALE	2		
17	HYD3609030	PIPE BUSHING - 3/8 X 1/8 STEEL	2		
18	COT0000503	VENT - 1/8 NPT MULTI-PURPOSE	2		
19	HYP000FA2P	CYLINDER - FA2X5 (BREAKDOWN FIG.1-64)	1		
20	SPC0024097	PIN - CLEVIS	2		WAS REF. NO. 23
21	HYD5205030	3/16 X 2 COTTER PIN	2		
22	HYD5924030	ARM - PICKUP LIFT	1		
23	HYD5726030	CLEVIS PIN- 3/4 X 3 1/4	1		WAS REF. NO. 20

FEEDER CRANK AND TINES ASSEMBLY

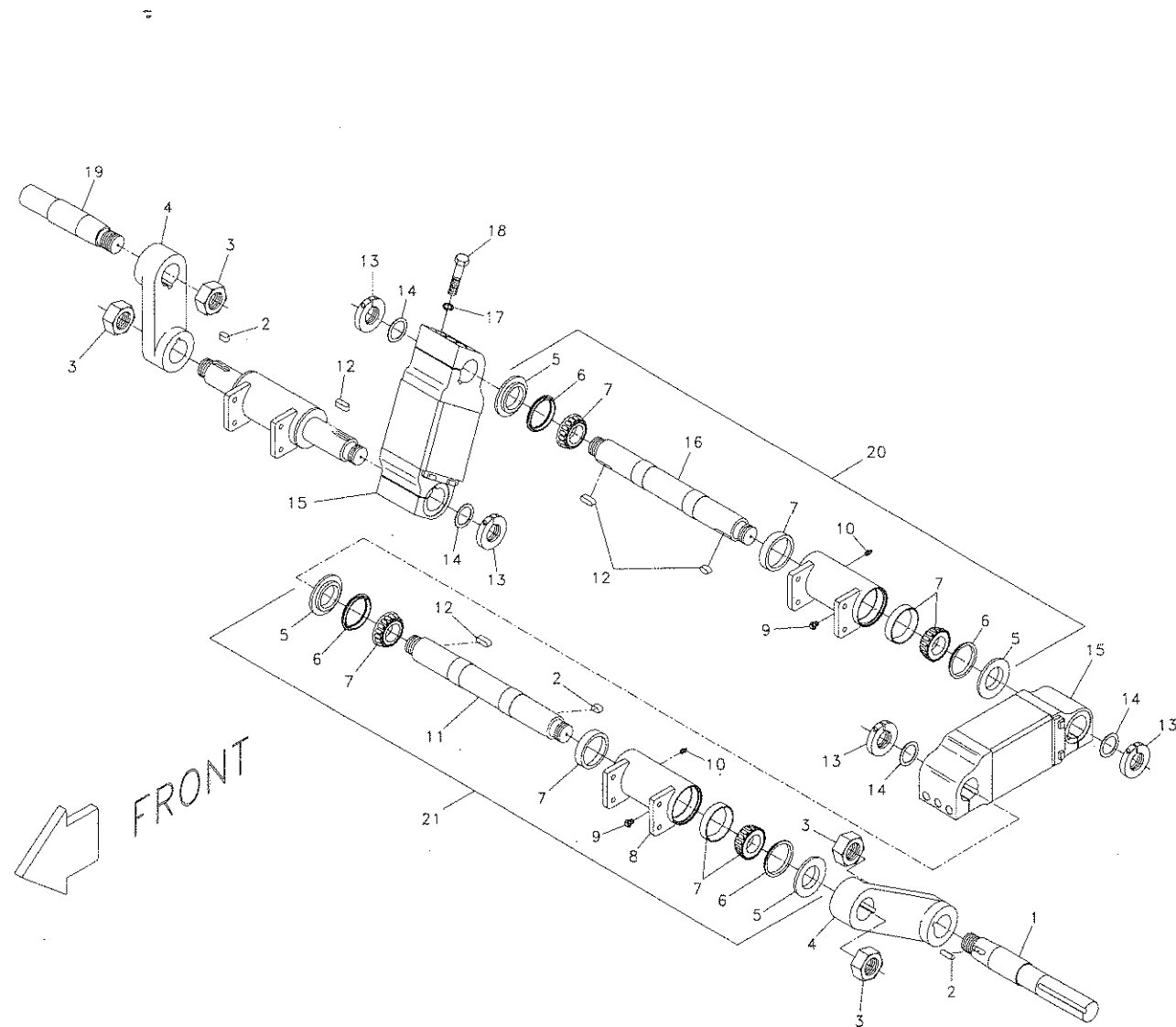
FIGURE 1-27



REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	SHF0023127	FEEDER CRANK SHAFT (BREAKDOWN FIG. 1-28)	1		
2	BRG0002002	COLLAR - LOCK	2		
3	BRG0002001	FLANGETTE - 100MS	4		
4	BRG0002000	BEARING - 1ST FEEDER 1592 CRANK	2		
5	WAS0000104	1/2 A-325 STRUCTURAL WASHER	16		
6	SFC0050004	1/2 X 11/2 NF GR8 CS PLTD	8		
7	WLK0000500	1/2 LOCK WASHER, PLTD	20		
8	NFH0080500	NUT - 1/2 NF GR8 HEX	12		
9	WLK0000625	5/8 MEDIUM LOCK WASHER, PLTD	6		
10	NCH0000625	5/8 NC HEX NUT PLTD	6		
11	SFC0080500	CAPSCREW - 1/2 X 1 3/4 NF GR 8 PLTD	12		
12	TIN0231340	LH FEED CRANK TINE	3		
13	TIN0231341	RH FEED CRANK TINE	3		
14	SCC0070007	5/8 X 2 1/4 NC HT CAPSCREW PLTD	3		
15	LNK0023133	FEEDER TINE LINK	3		
16	SCC0070010	5/8 X 3 NC HT CAPSCREW PLTD	3		
17	BRG0106250	BEARING - FEEDER TINE LINK	6		
18	NFH0080500	NUT-1/2-20 TOPLOCK GR 8	8		

FEEDER CRANK COMPONENTS

FIG 1-28



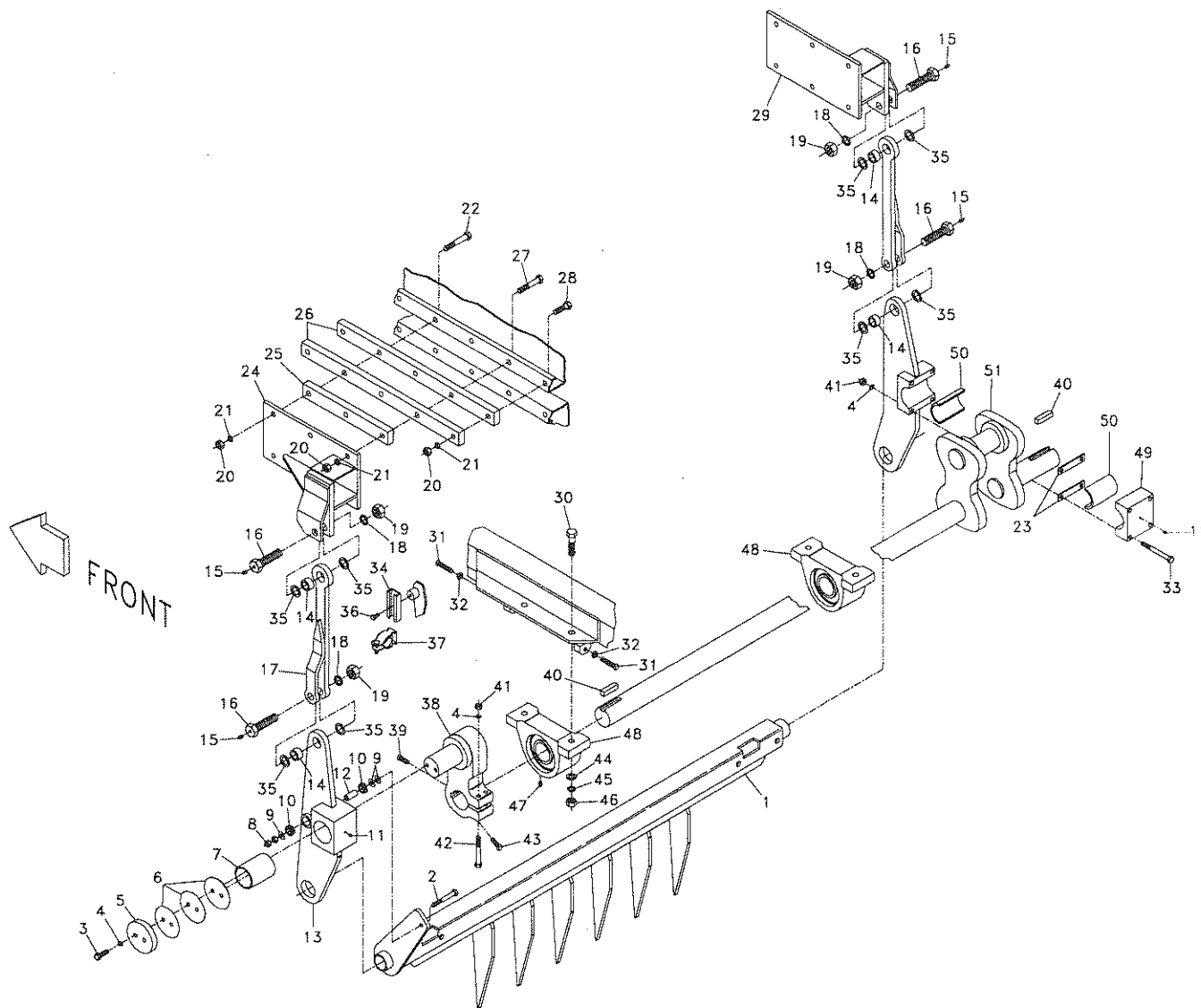
FEEDER CRANK COMPONENTS

FIGURE 1-28

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	SHF0023130	LEFT BEARING SHAFT	1		
2	ZZ 0000453	1/2 X 1/2 X 1 SQ KEY	3		
3	NMS0023666	1 3/4 - 12 UNF JAM NUT PLTD	4		
4	ARM0023120	FEEDER CRANK ARM	2		
5	RNG0023161	THRUST RING	6		
6	SEL0507949	BEARING SEAL	6		
7	BRG0507910	BEARING CUP	6		
	HSN0023116	BEARING	6		
8	HSN0023116	BEARING HOUSING	3		
9	LUB47200	1/8 NPT 5#VENT	3		
10	ZZ 0000103	1/8 NPT STR 7/16 HEX ZEN	3		
11	SHF0023129	CRANK SHAFT	2		
12	ZZ 0000451	1/2 X 1/2 X 1 1/2 KEY	4		
13	LOK0017500	1 3/4 LOCK COLLAR	4		
14	ZZ 0000203	BUSHING	A/R		
15	ARM0023168	FEEDER CRANK ARM	2		
16	SHF0023128	CRANK SHAFT	1		
17	WLK0000750	3/4 LOCKWASHER PLTD	12		
18	SCC0000812	3/4-10 UNC X 3 1/2 HHCS	12		
19	SHF0023131	RIGHT BEARING SHAFT	1		
20	SHF0023203	SHAFT ASSY DETAIL (INC. REF. 5-10, & 16)	1		
21	SHF0023204	SHAFT ASSY DETAIL (INC. REF 5-11)	2		

FEED FORK ASSEMBLY

FIG 1-29



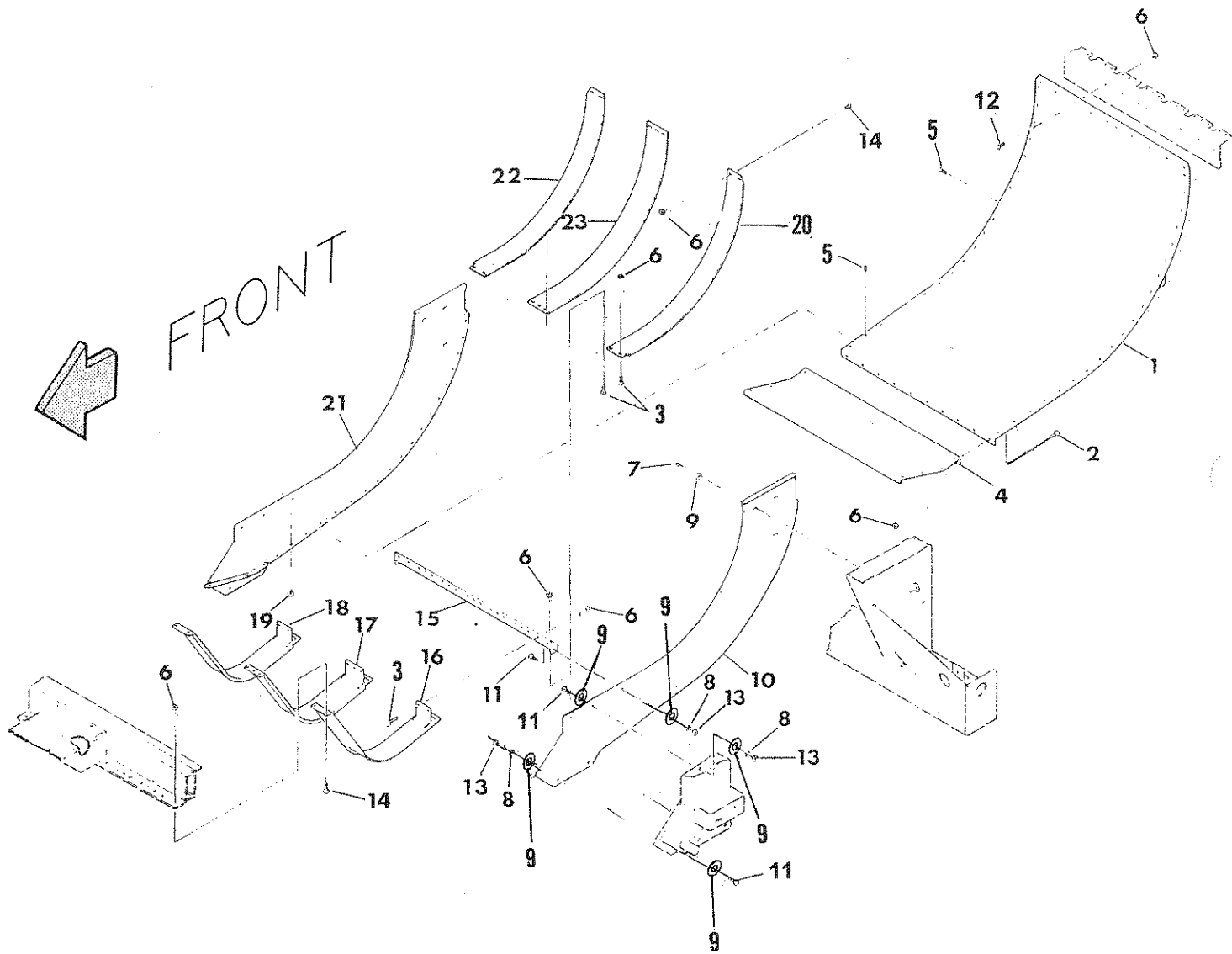
FEED FORK ASSEMBLY

FIGURE 1-29

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	FRK0031700	FEED FORK TINE ASSY	1		
2	SFC0080513	1/2 X 3 3/4 NF GR8 CS PLTD	1		
3	SCC0050004	1/2 X 11/2 NC HT CAPSCREW PLTD	2		
4	WLK0000500	1/2 LOCK WASHER, PLTD	8		
5	CAP0014877	CRANK CAP PLATE	1		
6	SHM0172811	21/2 X .015 CAP PLATE SHIM	A/R		
	SHM0172812	21/1 X .030 CAP PLATE SHIM	A/R		
	SHM0172813	21/2 X .060 CAP PLATE SHIM	A/R		
7	BSH0016583	BUSHING	1		
8	NFH0080500	NUT - 1/2 NF GR8 HEX	2		
9	WAS0020049	WASHER - RUBBER BUSHING	2		
10	BSH0001026	BUSHING - SHOCK ABSORBER	2		
11	ZZ 0000100	1/4-28 STR 5/16 HEX ZEN	2		
12	SLV0018935	SLEEVE - SHOCK BUSHING BOLT	1		
13	ARM0021549	LH FEED FORK ARM	1		
14	BRG001016T	BEARING, TORNINGTON 10SF16	4		
15	LUB0005099	ZERK - 1/8 NPT	4		
16	LNK0025676	FEED FORK LINK BOLT	4		
17	LNK0015620	LINK-FEED FORK ARM	2		
18	WLK0010000	1" LOCKWASHER, PLTD	4		
19	NFH0001000	1" NF HEX NUT	4		
20	NCH0000625	5/8 NC HEX NUT PLTD	18		
21	WLK0000625	5/8 MEDIUM LOCK WASHER, PLTD	18		
22	SCC0070013	5/8 X 33/4 NC HT CAPSCREW PLTD	4		
23	RET0030474	FEED FORK BRG RETAINER	2		
	SHM0017952	BRONZE BEARING SHIM .005	A/R		
	SHM0020281	BRONZE BEARING SHIM .010	A/R		
24	ANC0025669	LEFT FEEDER LINK ANCHOR	1		
25	SPC0023264	LINK MOUNT SPACER	4		
26	SPC0023265	LINK MOUNT SPACER	8		
27	SCC0070012	5/8 X 31/2 NC HT CAPSCREW PLTD	12		
28	SCC0070006	5/8 X 2 NC HT CAPSCREW PLTD	4		
29	ANC0025670	RH FEEDER LINK ANCHOR	1		
30	SCC0080010	BOLT - 3/4 NC X 3 GR5 HEX PLTD	4		
31	SQS5002500	SQ. HD. SS-1/2-13 X 2 1/2 PLT.	4		
32	NCJ0000500	1/2 NC JAM NUT PLTD	4		
33	SCC0000516	1/2-13 X 5 GRADE 5 HEX BOLT	4		
34	MNT0020255	CHANNEL - HOSE CLAMP	2		
35	WAS0025693	WASHER - FEEDER LINK BOLT	8		
36	SMS0000181	3/8 X 3/4 NC WHIZ BOLT PLTD	2		
37	CLP0100150	1 1/2 HYDRA 20RB HOSE CLAMP	2		
38	ARM0021679	SECONDARY FEED CRANK ARM	1		
39	SQS5001250	SQ. HD. SS-1/2-13 X 1 1/4 PLT.	1		
40	ZZ 0000456	KEY - 5/8 X 5/8 X 2 1/2	2		
41	NCH0000500	1/2 NC HEX NUT PLTD	6		
42	SCC0050014	1/2 X 4 NC HT CAPSCREW PLTD	2		
43	SQS5001500	SQ. HD. SS-1/2-13 X 1 1/2 PLT	1		
44	WAS0000118	WASHER-3/4 HARDENED FLAT ZINC	4		
45	WLK0000750	3/4 LOCKWASHER PLTD	4		
46	NCH0000750	3/4 NC HEX NUT PLTD	4		
47	HYD3169010	PIPE PLUG - 1/8	2		
48	BRG0268250	BEARING - FAFNIR RAK 2 11/16	2		
49	ARM0021547	RH FEED FORK ARM/CAP	1		
50	BSH0014894	FEED FORK SPLIT BUSHING	2		
51	SHF0025438	FEED FORK CRANK SHAFT W/B	1		

INFEED CHUTE ASSEMBLY

FIG 1-30



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pg 72

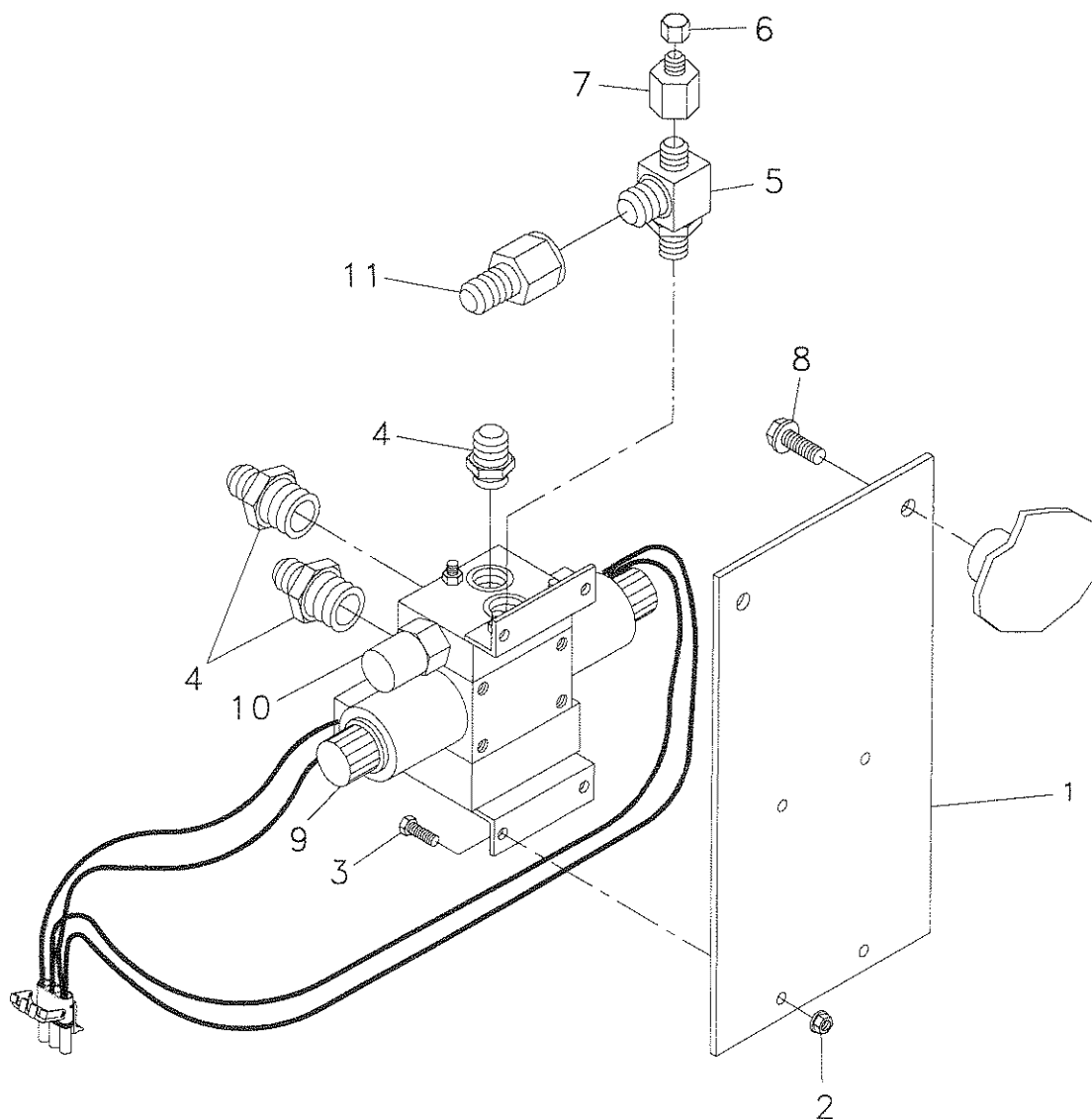
INFEED CHUTE ASSEMBLY

FIGURE 1-30

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	CHU0022765	INFEED CHUTE REAR PAN ASSY	1		
2	SCC0020002	5/16 X 1 NC HT CAPSCREW PLTD	10		
3	WCT0000313	BOLT-5/16-18X1 FLG.WHIZ PLATED	38		
4	CHU0022767	INFEED CHUTE FRONT PAN	1		
5	CRB2500075	1/4 X 3/4 CARRIAGE BOLT	34		
6	NCH0000313	NUT-5/16 NC FLG WHIZ LOCK	76		
7	SBH0003001	BOLT-3/8-16 X 3/4 BUT.HD.SOCKET	6		
8	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	8		
9	WCT0000375	3/8 FLAT WASHER - PLTD	22		
10	CHU0028810	LFT INFEED CHUTE SIDE PLT A/94	1		
11	SCC0030003	3/8 X 1 1/4 NC HT CAPSCREW PLTD	10		
12	SCC0030002	5/16 X 1 1/4 CARRIAGE BOLT	8		
13	NCH0000375	3/8 NC HEX NUT PLTD	10		
14	CRB3130100	5/16 X 1 CARRIAGE BOLT PLTD	28		
15	SUP0022487	FEEDER GUARD SUPPORT	1		
16	GRD0224960	LH OUTSIDE FEEDER GUARD	1		
17	GRD0022492	CENTER FEEDER GUARD	5		
18	GRD0224961	RH OUTSIDE FEEDER GUARD	1		
19	NCH0000250	1/4 WHIZ NUT	34		
20	GRD2521300	LFT OUTSIDE CHUTE GRD	1		
21	CHU0028811	INFEED CHUTE RHT SIDE PLT A/94	1		
22	GRD2521301	RHT OUTSIDE CHUTE GRD	1		
23	GRD0022486	CNTER FEED CHUTE GUARD	5		

PICKUP AND FEEDER CONTROL VALVE ASSEMBLY

Figure 1-31



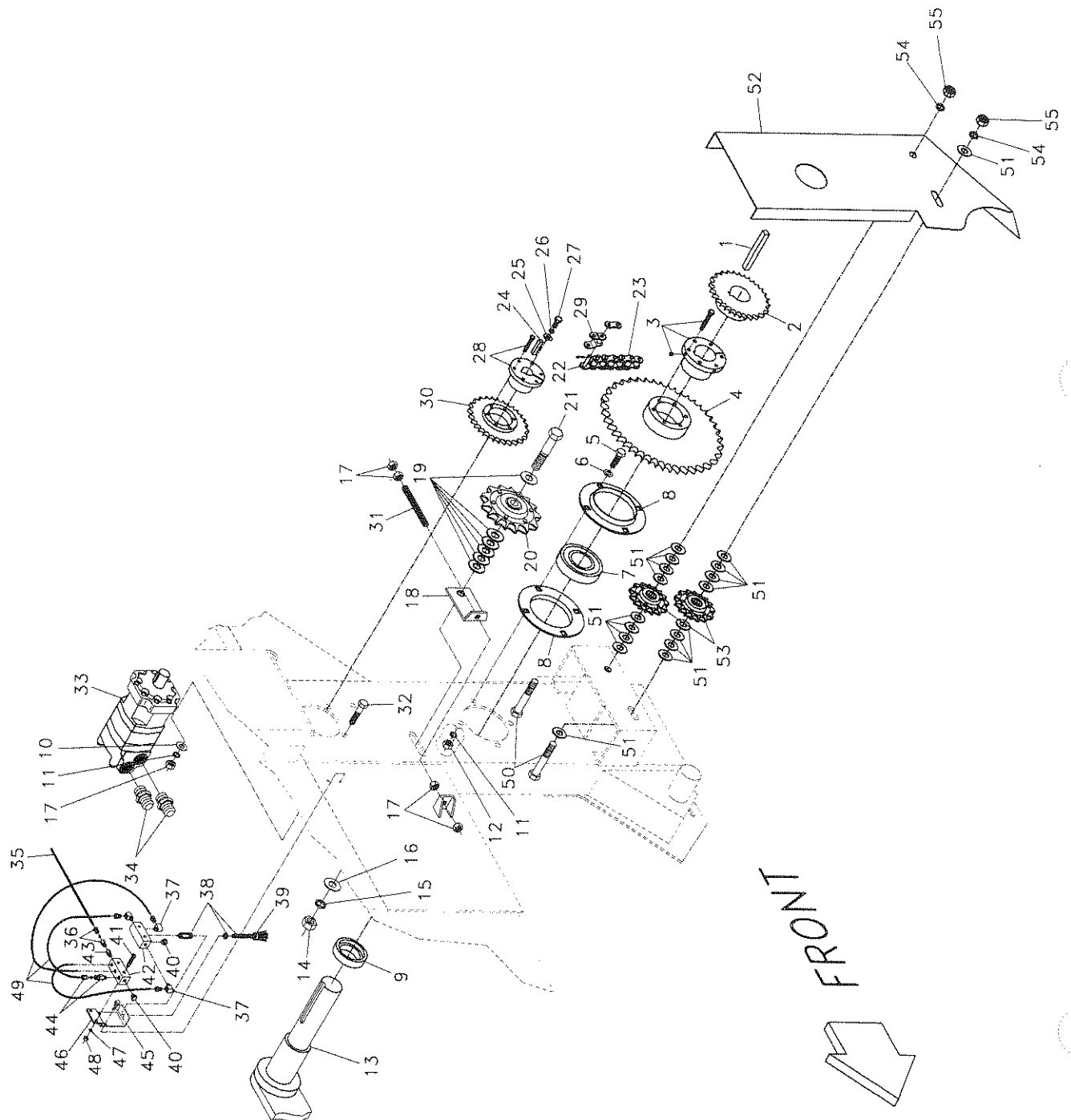
PICKUP AND FEEDER CONTROL VALVE ASSEMBLY

FIGURE 1-31

<u>REF. NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>SERIAL NO.</u>	<u>REMARKS</u>
1	MNT0505622	MOUNT-SOLENOID VALVE	1		
2	NMS0000250	NUT-1/4 NC FLG WHIZ LOCK	2		
3	SMS0000172	BOLT-1/4-20 X 3/4 GRADE 5 HEX	2		
4	HYD0081930	FITTING-8M X 12M JIC STR.	3		
5	HYD0081705	FITTING-8MX8M JIC(BCH)X8M JIC	1		
6	HYD519020	CAP NUT-#4 JIC	1		
7	HYD5015042	FITTING-8F JIC X 4M JIC REDUCER	1		
8	SMS0000181	BOLT-3/8-16 X 3/4 FLG WHIZ LOCK	2		
9	VLV512542	VALVE - 3POS 4WAY SLENOID	1		ADD
10	VLV0505911	RELIEF CARTRIDGE-5000 PSI (SET TO 3200 PSI)	2		ADD
11	HYD5015061	TUBE EXPANDER 8F JIC 12M JIC	1		ADD

FEEDER AND PICKUP DRIVE ASSEMBLY

FIG 1-32



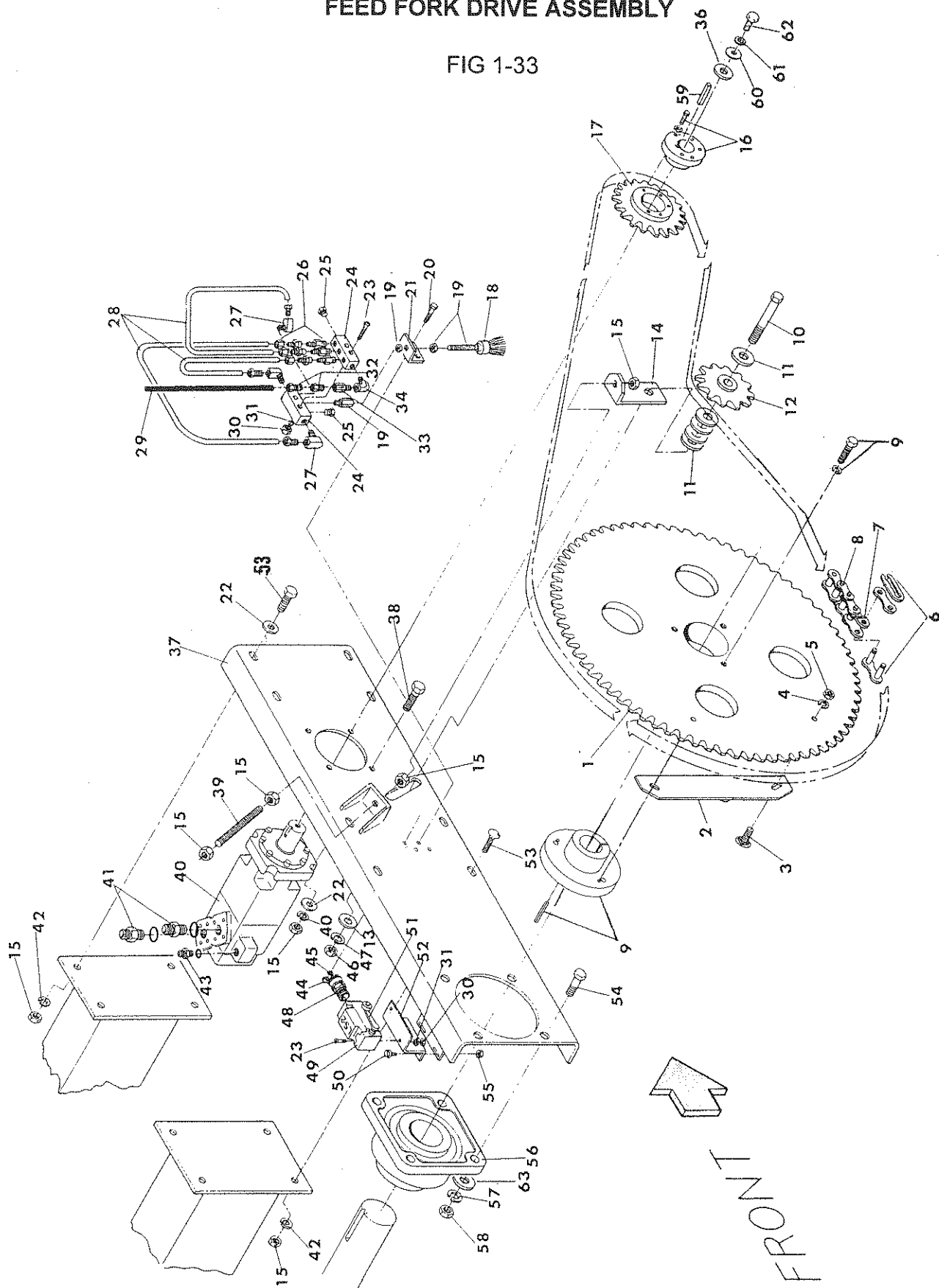
FEEDER AND PICKUP DRIVE ASSEMBLY

FIGURE 1-32

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	ZZ 0000458	KEY - 1/2 X 1/2 X 4 1/2	1		
2	SPK0602202	SPROCKET-60B22H-2" B, 1/2 KWY	1		
3	BSH0020000	BUSHING-QD-SF 2" STEEL	1		
4	SPK0080360	SPROCKET - 80SF36	1		
5	SFC0080504	BOLT - 1/2 NF X 1 1/2 GR8 HEX	4		
6	WAS0000104	WASHER-1/2 HARD, FLAT/PLATED	12		
7	BRG0002000	BEARING - 1ST FEEDER 1592 CRANK	1		
8	BRG0002001	FLANGETTE - 100MS	2		
9	BRG0002002	COLLAR - LOCK	1		
10	WCT0000500	1/2 FLAT WASHER - PLTD	4		
11	WLK0000500	1/2 LOCK WASHER, PLTD	4		
12	NFH0080500	NUT-1/2 NF GR8 LOCK	4		
13	SHF0023127	FEEDER CRANK SHAFT	1		
14	NCH0000750	3/4 NC HEX NUT PLTD	1		
15	WLK0000750	3/4 LOCKWASHER PLTD	1		
16	WCT0000500	3/4 FLAT WASHER - PLTD	1		
17	NFH0080500	1/2 NC HEX NUT PLTD	4		
18	BKT0020148	BRACKET - CHAIN TIGHTENER	1		
19	WAS0000139	WASHER - 3/4 SAE FLAT	5		
20	SPK128012S	IDLER SPROCKET-01208012S	1		
21	SCC0080014	3/4 X 4 NC HT CAPSCREW PLTD	1		
22	CNK0000801	CONN. LINK - 80-1 SF PKGD	1		
23	CHN0008064	CHAIN RC80 X 66 W/2 OFF & CONN	1		
24	ZZ 0000432	ZZ00004386 X 15/8 KEY	1		
25	WCT0000375	3/8 FLAT WASHER - PLTD	1		
26	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	1		
27	SCC0030001	3/8X3/4 NC HT CAPSCREW PLTD	1		
28	BSH0101251	HUB-SK 1 1/4 W 5/16 KEYWAY	1		
29	OFL0000102	LINK-OFFSET	1		
30	SPK0080190	SPROCKET 80SK 19 H	1		
31	ROD0017217	NEEDLE YOKE DRIVE ROD	1		
32	SCC0050007	1/2 X 2 1/4 NC HT CAPSCREW PLTD	4		
33	MTR1091104	MOTOR-HYD4000 SERIES 15.0IN3/R	1		
34	HYD5315060	12M O-RING-#12M JIC ST.	2		
35	TBE0002509	TUBE - 1/4 NYLON (OILER)	1		
36	CNR0066415	STRAIGHT TUBE CONNECTOR	1		
37	ELB0066414	ELBOW	3		
38	DPT0009540	BRUSH ADAPTER-GITS	1		
39	BRU0009551	1 RND NYLON CHAIN BRUSH	1		
40	HYD3159010	1/8 HEX HEAD STEEL PIPE PLUG	2		
41	SMR1032100	10 - 32 X 1 RH MACH SCREW PLTD	2		
42	LUB0017303	LUBER VLV MANIFOLD BLK 2 3/4	2		
43	VLV5093551	10 PSI LUBER CHECK VALVE	1		
44	VLV4640205	LUBRICATION FITTING	3		
45	SMS0000171	1/4 X 5/8 NC WHIZ BOLT-PLTD			
46	MNT0021755	FEED LUBER BRUSH MOUNT	1		
47	WLK0000100	#10 LOCK WASHER, PLTD	2		
48	NFH0001032	10-32 NF HEX NUT PLTD	2		
49	NYL0000125	1/8 NYLAFLOW TUBING, TYPE H	3		
50	SCC0070013	5/8 X 33/4 NC HT CAPSCREW PLTD	2		
51	WCT0000625	5/8 FLAT WASHER - PLTD	24		
52	GRD0023446	GUARD - PICKUP DRIVE CHAIN	1		
53	SPK011536S	IDLER SPROCKET .010-6015S	2		
54	WLK0000625	5/8 MEDIUM LOCK WASHER, PLTD	2		
55	NCH0000625	5/8 NC HEX NUT PLTD	2		

FEED FORK DRIVE ASSEMBLY

FIG 1-33



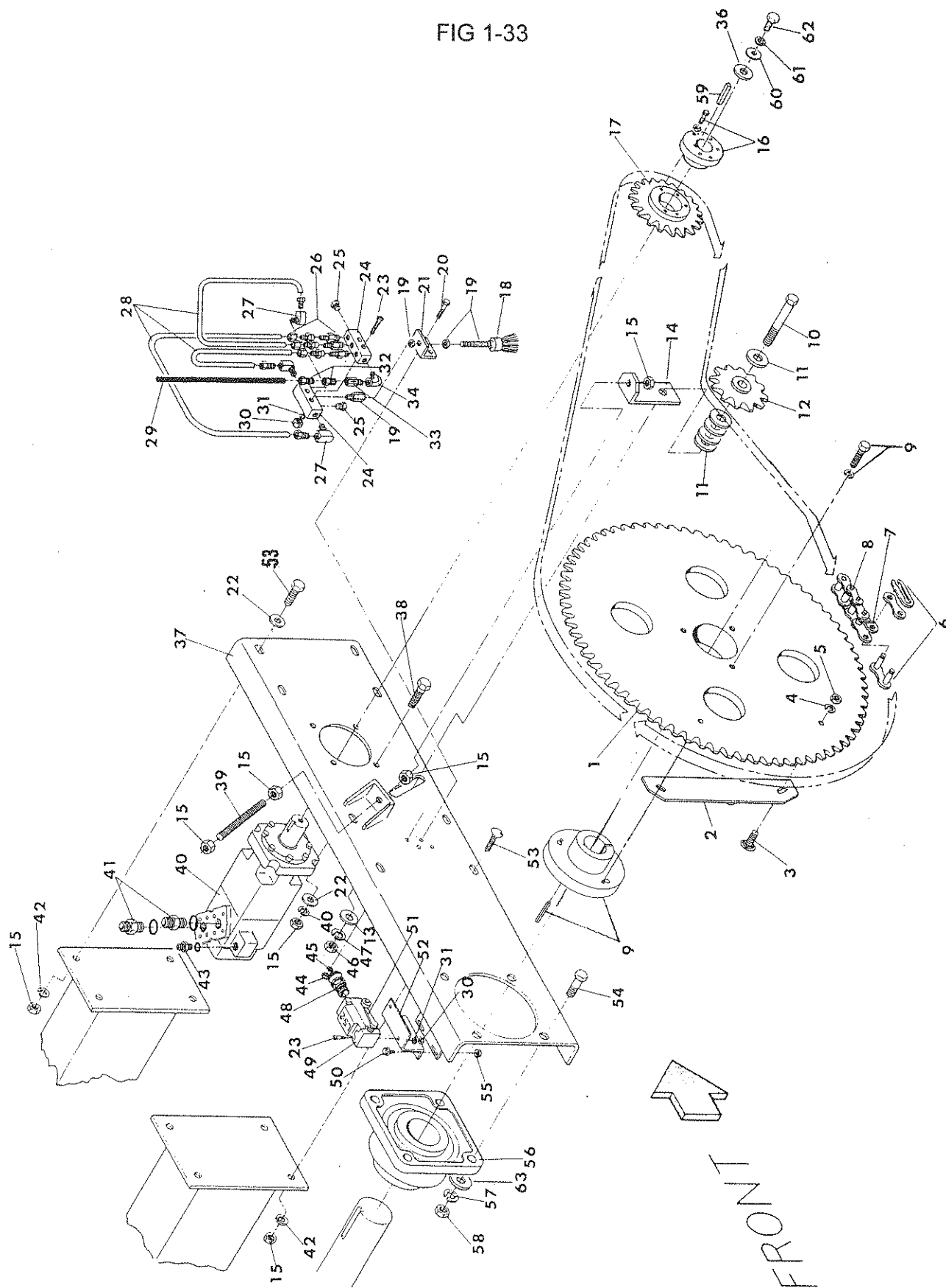
FEED FORK DRIVE ASSEMBLY

FIGURE 1-33

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	SPK0008072	80E72 FEED FORK DRIVE SPKT	1		
2	CAM0013897	BRACKET - FEED FORK SWITCH CAM	1		
3	CRB3131000	5/16 X 1 CARRIAGE BOLT	2		
4	WLK0000313	5/16 MEDIUM LOCK WASHER, PLTD	2		
5	NCH0000313	5/16 NC HEX NUT PLTD	2		
6	CNK0000801	CONNECTING LINK-RC80	1		
7	OFL0000102	LINK-OFFSET	1		
8	CHN0080100	CHAIN RC80 X 102 W/2 OFF &CONN	1		
9	BSH0026875	BSH-SPECIAL QDE2 11/16 5/8KWY	1		
10	SCC0080014	3/4 X 4 NC HT CAPSCREW PLTD	1		
11	WAS0000139	WASHER - 3/4 SAE FLAT	5		
12	SPK128012S	IDLER SPROCKET-01208012S	1		
13	WCT0000750	3/4 FLAT WASHER - PLTD	1		
14	BKT0020148	BRACKET - CHAIN TIGHTENER	1		
15	NCH0000500	1/2 NC HEX NUT PLTD	16		
16	BSH010502	QDSF X 1 1/2 BUSHING	1		
17	SPK0080210	SPROCKET - 80S21H	1		
18	BRU0009551	1" ROUND NYLON CHAIN BRUSH	1		
19	DPT0009540	BRUSH ADAPTER-GITS	1		
20	SCC0010002	1/4 X 1 NC HT CS-PLATED	2		
21	MNT0015754	MOUNT - CHAIN LUBER BRUSH	1		
22	WAS0000104	1/2 A-325 STRUCTURAL WASHER	4		
23	SMR1032150	10-32 X 1 1/2 RH MACH SCREW-PLT	4		
24	LUB0017303	LUB VALVE MANIFOLD BLOCK	2		
25	HYD3159010	1/8 HEX HEAD STEEL PIPE PLUG	2		
26	VLV4640205	LUBRICATION FITTING	3		
27	ELB0066414	ELBOW	3		
28	NYL0000125	1/8 NYLAFLOW TUBING-TYPE H	3		
29	TBE0002509	TUBE - 1/4 NYLON (OILER)	1		
30	NFH0001032	10-32 NF HEX NUT-PLATED	4		
31	WLK0000100	#10 LOCKWASHER-PLATED	4		
32	CNR0066415	STRAIT TUBE CONNECTORS	1		
33	VLV5093551	10 PSI LUBER CHECK VALVE	1		
34	HYD3409010	1/8 X 90 STEEL STREET ELBOW	1		
35	SCC0050005	1/2 X 13/4 NC HT CAPSCREW PLTD	4		
36	WCT0000500	WASHER-1/2 FLAT	1		
37	MNT0018946	MOUNT - FEED FORK DRIVE MOTOR	1		
38	SCC0050007	1/2 X 21/4 NC HT CAPSCREW PLTD	4		
39	ROD0015719	CHAIN TIGHTNER ADJ ROD	1		
40	MTR1121067	MOTOR-112-1067-6000HP-23.9 CED	1		
41	HYD5315067	3/4JICX1" O-RING ST THD CONN	2		
42	WLK0000500	1/2 LOCK WASHER, PLTD	12		
43	F 0006684	FITTING-4MX4M JIC STR ADAPTER	1		
44	NCH0000250	1/4 NC HEX NUT PLTD	2		
45	WLK0000250	1/4 LOCK WASHER PLTD	2		
46	NCH0000750	3/4 NC HEX NUT PLTD	1		
47	WLK0000750	3/4 LOCKWASHER PLTD	1		
48	CNR0000193	1/2 STRAIN RELIEF CONNECTOR	1		
49	SWI0005079	LIMIT SWITCH - 4 POST	1		
50	SMS0000307	1/4 X 3/4 NC WHIZ BOLT	2		

FEED FORK DRIVE ASSEMBLY - CONT.

FIG 1-33



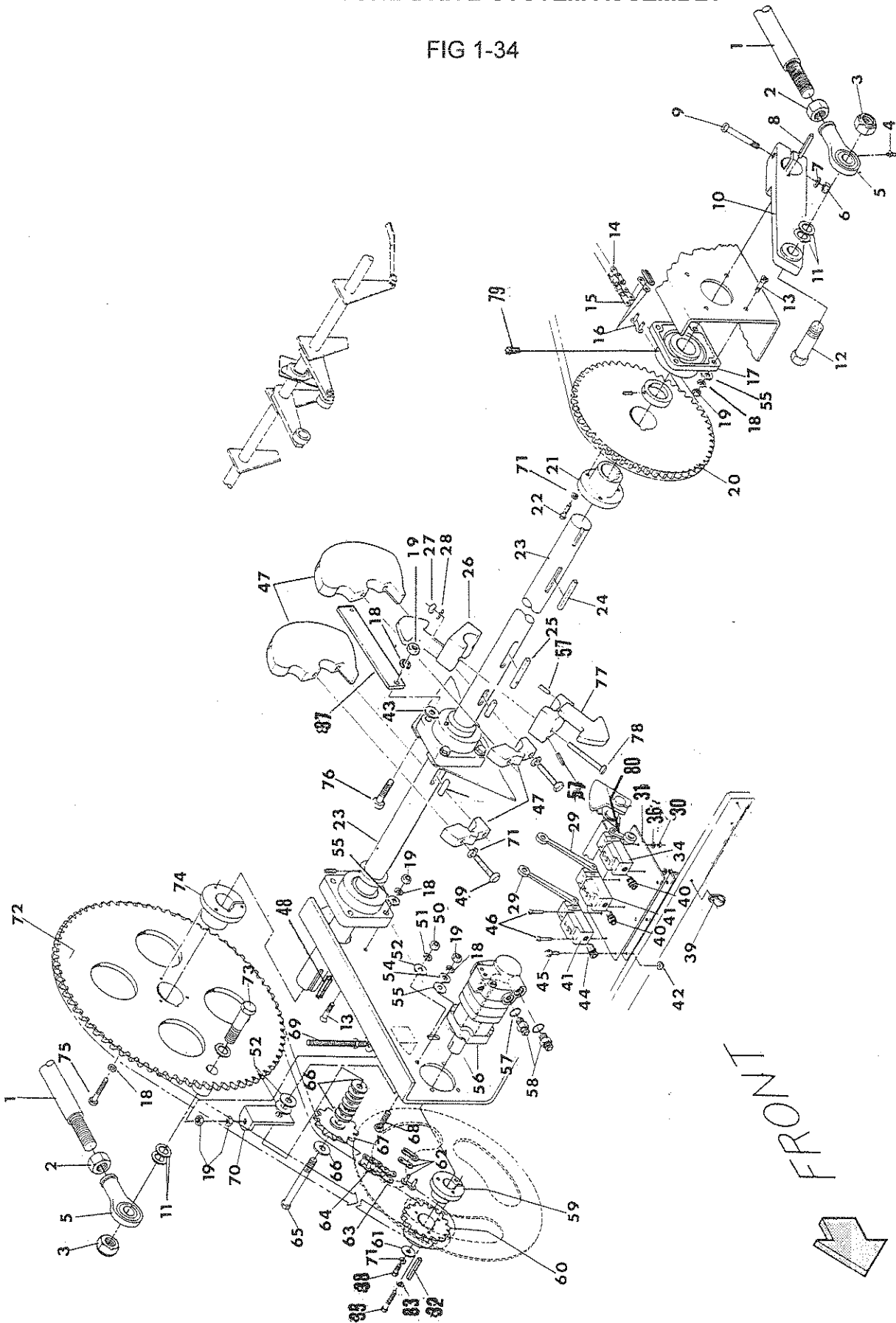
FEED FORK DRIVE ASSEMBLY (CON'T)

FIGURE 1-33

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
51	ARM0005084	3" LEVER ARM W/ 3/4 ROLLER	1		
52	BKT0017448	BRACKET - FEED FORK SPK SWITCH	1		
53	CRB7500175	1/2 X 1 3/4 GR5 CARR BOLT PLTD	8		
54	SCC0070006	5/8 X 2 NC HT CAPSCREW PLTD	4		
55	NMS0000250	1/4 NC WHIZ NUT PLTD	2		
56	BRG0268750	BEARING - 2 11/16 4 BOLT FLANGE	1		
57	WLK0000625	5/8 MEDIUM LOCK WASHER, PLTD	4		
58	NCH0000625	5/8 NC HEX NUT PLTD	4		
59	ZZ 0000431	KEY - 3/8 X 3/8 X 1 1/2	1		
60	WCT0000375	3/8 FLAT WASHER - PLTD	1		
61	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	1		
62	SCC0030001	3/8X3/4 NC HT CAPSCREW PLTD	1		
63	WAS0000105	5/8 STRUCTURAL WASHER	4		

NEEDLE YOKE DRIVE SYSTEM ASSEMBLY

FIG 1-34



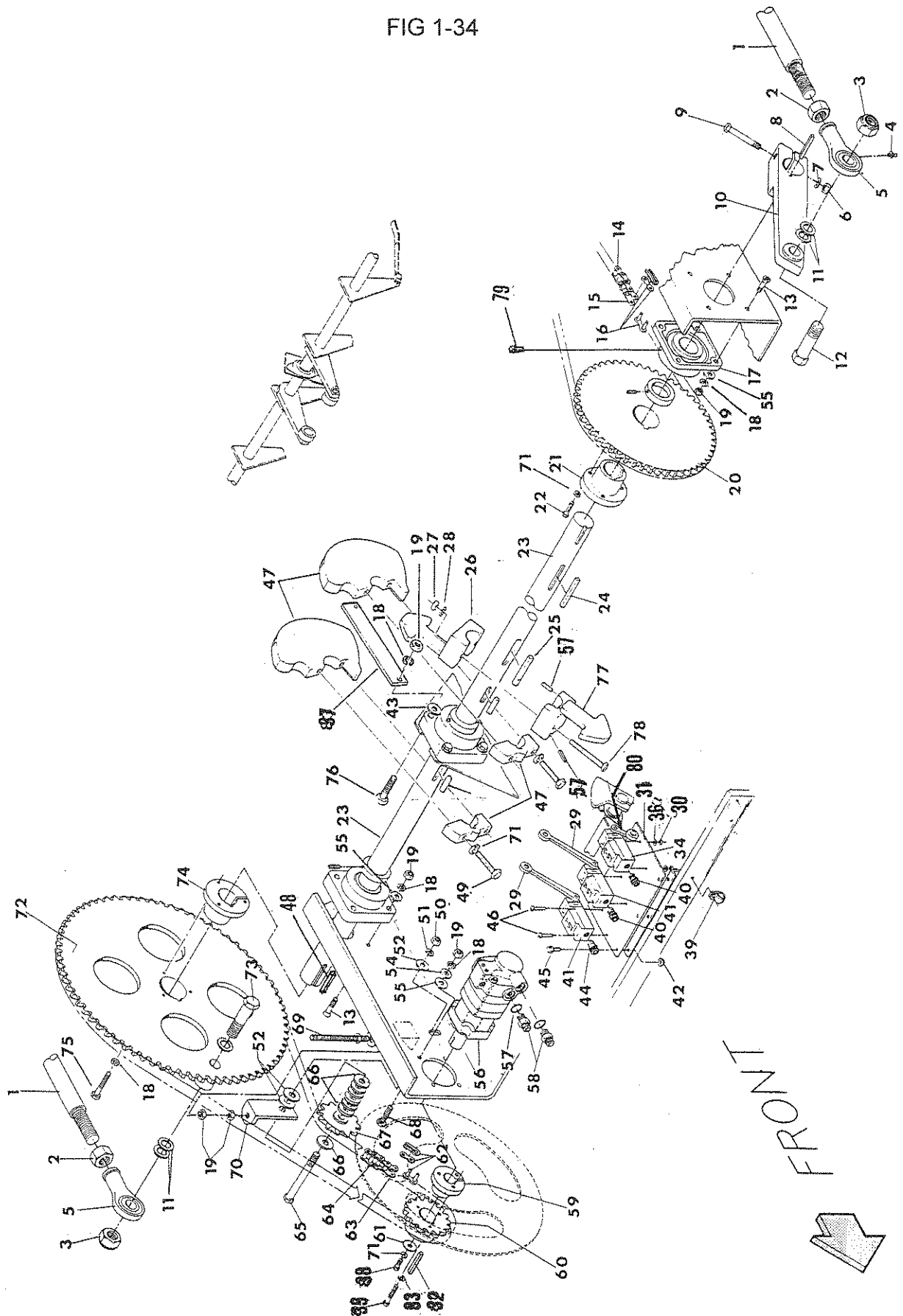
NEEDLE YOKE DRIVE SYSTEM ASSEMBLY

FIGURE 1-34

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	ROD0015503	NEEDLE YOKE DRIVE ROD	2		
2	NFJ0125000	1 1/4 UNF LH HEX NUT	2		
3	NFE0001000	LOCKNUT - 1 NF NYLON INSERT PLTD	2		
4	ZZ 0000100	1/4-28 STR 5/16 HEX ZERK	2		
5	ROD0001600	LH ROD END	2		
6	NCH0000625	5/8 NC HEX NUT PLTD	1		
7	WLK0000625	5/8 MEDIUM LOCK WASHER, PLTD	1		
8	F 0000225	KEY - 1/2 X 1/2 X 1 1/2	1		
9	SCC0070014	5/8 X 4 NC HT CAPSCREW PLTD	1		
10	ARM0015342	NEEDLE YOKE DRIVE CRANK ARM	1		
11	ZZ 0000209	MACH. BSHG 1 X 1 1/2 X 18 GA	A/R		
	ZZ 0000218	MACH. BSHG 1 X 2 X 10 GA	A/R		
	ZZ 0000219	MACH. BSHG 1 X 2 X 14 GA.	A/R		
12	SFC0001015	BOLT - 1 NF X 4 1/2 GR5 HEX	1		
13	SC00000505	BOLT - 1/2X1 3/4 NC FH SOCKET CS	8		
14	CHN0006098	CHAIN RC60 X 100 W/2 OFF & CONN	1		
15	OFL0000107	LINK-OFFSET RS60 HT PKGD	1		
16	CNK0000110	LINK-CONNECTOR RS60 HT SF PKGD	1		
17	BRG0193750	BEARING - 1 15/16 4 BOLT FLANGE	3		
18	WLK0000500	1/2 LOCK WASHER, PLTD	19		
19	NCH0000500	1/2 NC HEX NUT PLTD	19		
20	SPK0006056	SPROCKET - 60Q56	1		
21	BSH0119375	BUSHING - Q1 X 1 15/16	1		
22	SCC0030003	3/8 X 1 1/4 NC HT CAPSCREW PLTD	3		
23	SHF0022555	NEEDLE YOKE DRIVE SHAFT	1		
24	ZZ 0000457	1/2 X 1/2 X 2 3/4 KEY	1		
25	ZZ 0000426	KEY - 1/2 X 1/2 X 3 1/4	1		
26	CAM1610500	CAM - LH KNOTTER SWITCH	1		
27	NCH0000313	5/16 NC HEX NUT PLTD	2		
28	WLK0000313	5/16 MEDIUM LOCK WASHER, PLTD	2		
29	ARM0005084	3" LEVER ARM W/ 3/4 ROLLER	2		
30	WLK 0000100	#10 LOCKWASHER PLTD	3		
31	MNT0015848	KNOTTER SWITCH MOUNT	1		
32	ZZ 0000432	ZZ00004386 X 15/8 KEY	1		
33	WLK0000250	1/4 LOCK WASHER PLTD	3		
34	SWI0005079	LIMIT SWITCH - 4 POST	1		
35	SCC0080107	BOLT - 1/4 NC X 2 1/4 GR8 HEX	3		
36	NFH0001032	10-32 NF HEX NUT - PLTD	3		
37	BAR0027935	TWN FINGER DRIVE TIE BAR-1592	1		
38	SCC0030002	3/8 X 1 NC HT CAPSCREW PLTD	3		
39	CLP7701160	3/4 INSULATED HOSE CLAMP 13/32	1		
40	CNR0000193	1/2" STRAIN RELIEF CONNECTOR	2		
41	SWI0005081	LIMIT SWITCH - 8 POST	2		
42	NMS0000117	5/16 NC WHIZ NUT PLTD	3		
43	WAS0000128	WASHER - 1/2 SAE FLAT	1		
44	CNR0000195	1/2-1 NPT STR CONN .50-.625	1		
45	SMS0000184	5/16 X 3/4 NC WHIZ BOLT PLTD	3		
46	SMR1032150	MACH SCREW - 10 - 32 X 1 1/2 RH PLTD	6		
47	CAM0027324	CAM - TWINE FINGER DRIVE	2		
48	F 0000225	1/2 X 1/2 X 2 KEY	2		
49	SCC0030008	3/8 X 2 1/2 NC HT CAPSCREW PLTD	4		
50	NCH0000750	3/4 NC HEX NUT PLTD	1		

NEEDLE YOKE DRIVE SYSTEM ASSEMBLY - CONT.

FIG 1-34



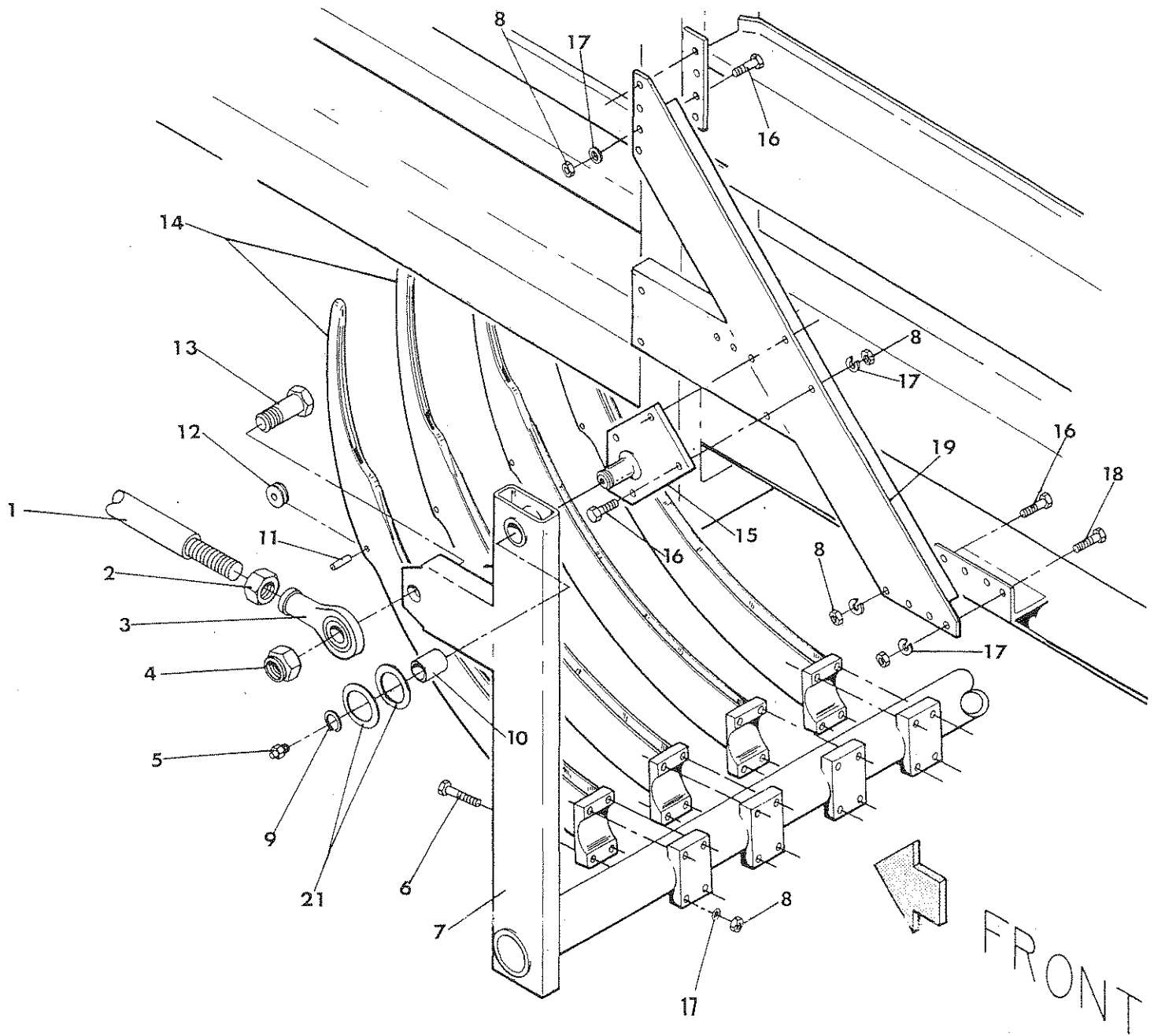
NEEDLE YOKE DRIVE SYSTEM ASSEMBLY (CON'T)

FIGURE 1-34

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
51	WLK0000750	3/4 LOCKWASHER PLTD	1		
52	WCT0000750	3/4 FLAT WASHER - PLTD	3		
53	WAS0000118	3/4 STRUCTURAL WASHER PLTD	1		
54	WCT0000500	1/2 FLAT WASHER - PLTD	6		
55	WAS0000104	1/2 A-325 STRUCTURAL WASHER PLTD	15		
56	MTR1091105	MOTOR-109-1105-4000 HP19 CID	1		
57	ZZ 0000704	1/4 X 1 1/2 ROLL PIN	2		
58	HYD5315060	3/4JICX3/4 ORING ST THD CONN	2		
59	BSH0010125	QDSDS-1 1/4-5/16KW SPECIAL BS	1		
60	SPK0080140	SPROCKET 80 SDS 14H	1		
61	WCT0000375	3/8 FLAT WASHER - PLTD	2		
62	CNK0000800	CONNECTING LINK-RC80	1		
63	OFL0000102	LINK-OFFSET	2		
64	CHN0008090	CHAIN RC80 X 92 W/2 OFF & CONN	1		
65	SCC0080014	3/4 X 4 NC HT CAPSCREW PLTD	1		
66	WAS0000139	WASHER - 3/4 SAE FLAT	5		
67	SPK128012S	IDLER SPROCKET-01208012S	1		
68	SCC0050007	1/2 X 2 1/4 NC HT CAPSCREW PLTD	4		
69	ROD0015719	CHAIN TIGHTNER ADJ ROD	1		
70	BKT0020148	BRACKET - CHAIN TIGHTENER	1		
71	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	10		
72	SPK0015698	1592 NDL YOKE DRIVE SPK 80 E72	1		
73	SFC0001017	BOLT - 1 NF X 5 1/2 GR5 HEX	1		
74	BSH0193750	BUSHING - QDE 1 15/16-5/8 FLANGE	1		
75	SCC0050009	1/2 X 2 3/4 NC HT CAPSCREW PLTD	4		
76	SCC0050006	1/2 X 2 NC HT CAPSCREW PLTD	1		
77	CAM1610501	CAM - RH KNOTTER SWITCH	1		
78	SCC0000213	5/16X33/4 NC HT CAP SCREW	2		
79	HYD3159010	1/8" PIPE PLUG	2		
80	ARM0005001	1 1/2" LEVER ARM W/ 3/4 ROLLER	1		

NEEDLES AND NEEDLE YOKE ASSEMBLY

FIG 1-35



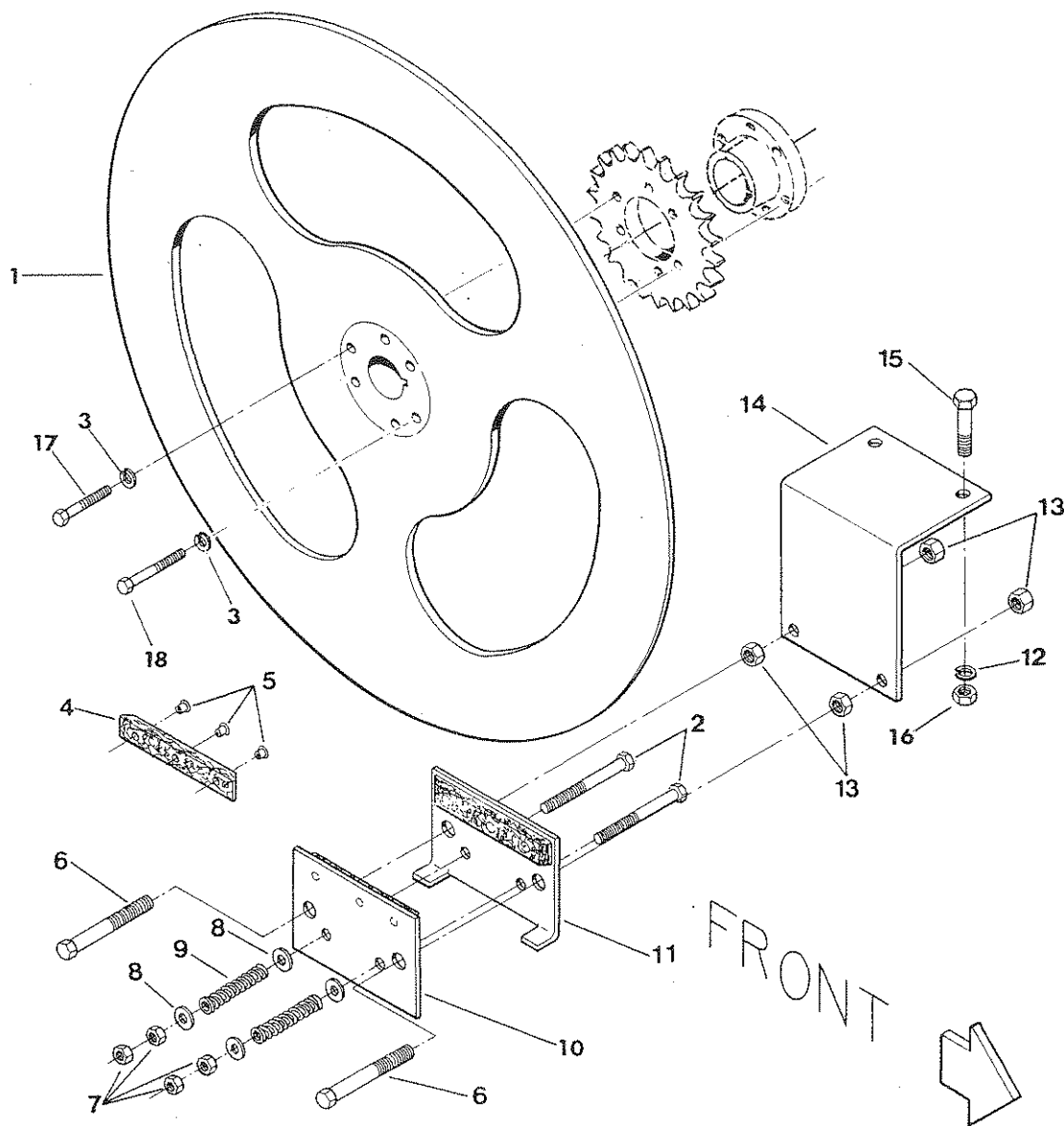
NEEDLES AND NEEDLE YOKE ASSEMBLY

FIGURE 1-35

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	ROD0015503	NEEDLE YOKE DRIVE ROD	2		
2	NFJ0012500	1 1/4 NF JAM NUT RH PLTD	2		
	NFJ0012500	JAM NUT - 1 1/4-12 LH PLTD	2		
3	ROD0000160	RH ROD END	2		
	ROD00001600	LH ROD END	2		
4	NFE0001000	LOCKNUT - 1 NF NYLON INSERT PLTD	4		
5	ZZ 0000100	1/4-28 STR 5/16 HEX ZERK	2		
6	SQS5005000	BOLT - 1/2 X 5 SQ HEAD PLTD	24		
7	YOK0022475	NEEDLE YOKE	1		
8	NCH0000500	1/2 NC HEX NUT PLTD	52		
9	F 0007988	SNAP RING - 1 3/8 EXTERNAL 5160-137	2		
10	F 0004137	OIL LITE BUSHING	2		
11	ZZ 0000723	3/16 X 3/4 ROLL PIN	2		
12	NDL0030845	TWINE NEEDLE ROLLER	6		
13	SFC0001015	BOLT - 1 NF X 4 1/2 GR5 HEX	2		
14	NDL0030845	TWINE NEEDLE	6		
15	MNT1656801	LH NEEDLE YOKE MOUNT	1		
	MNT1656801	RH NEEDLE YOKE MOUNT	1		
16	SCC0050004	1/2 X 11/2 NC HT CAPSCREW PLTD	28		
17	WLK0000500	1/2 LOCK WASHER, PLTD	24		
18	SCC0050005	1/2 X 13/4 NC HT CAPSCREW PLTD	2		
19	SUP0031993	NEEDLE YOKE PIVOT SUPPORT,LH	1		
	SUP0028216	NEEDLE YOKE PIVOT SUPPORT,RH	1		

KNOTTER BRAKE ASSEMBLY

FIG 1-36



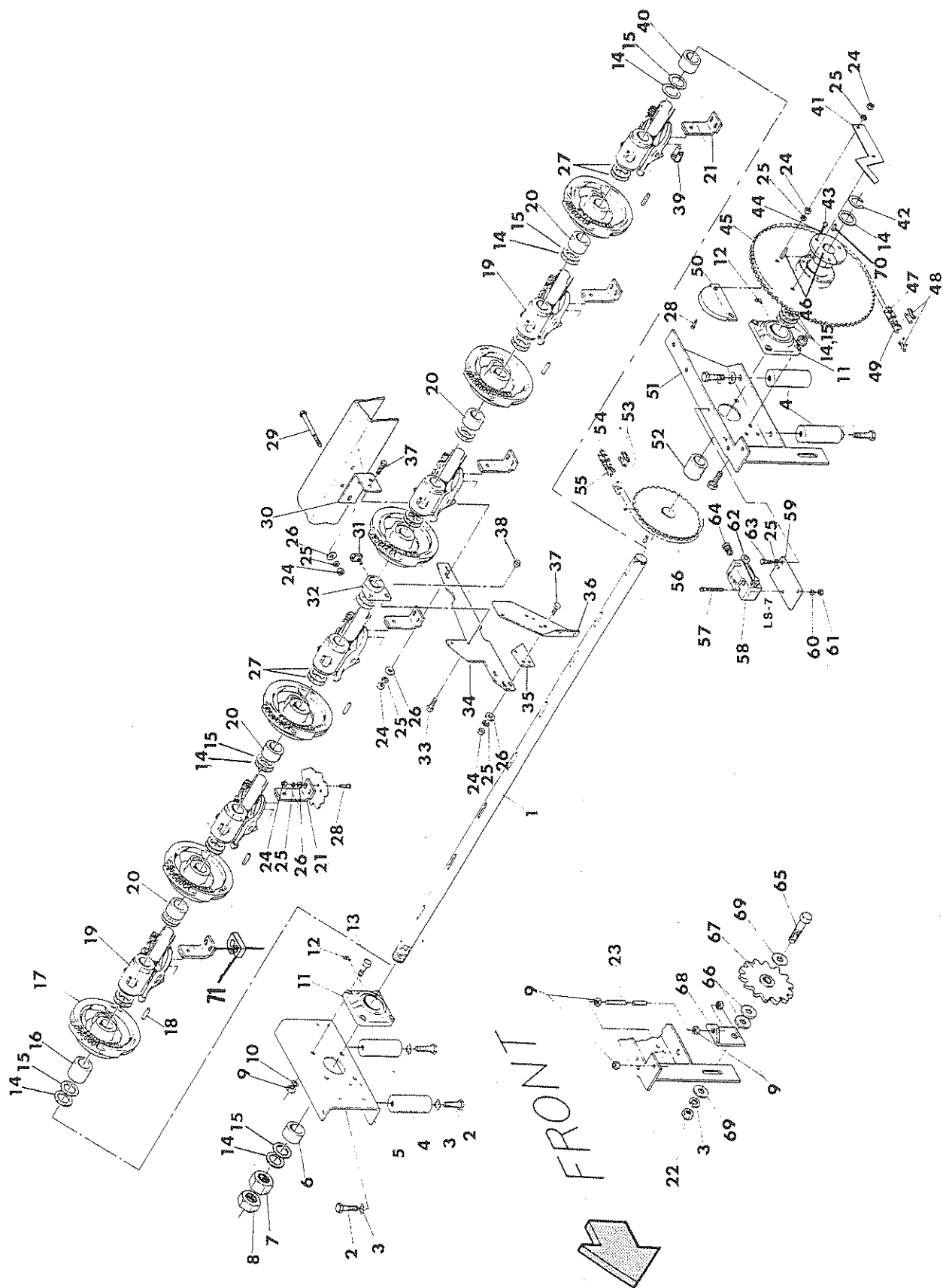
KNOTTER BRAKE ASSEMBLY

FIGURE 1-36

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	KNT0018949	KNOTTER BRAKE DISC	1		
2	SCC0000111	BOLT-HEX 1/4-20 X 3 1/4	2		
3	WLK0000250	WASHER-1/4 S/T LOCK	6		
4	F 0007454	LINING - BRAKE	2		
5	RIV0000106	RIVET-BRASS PLT STEEL 8 X 7	6		
6	SFC0030010	BOLT-3/8 NF X 3 GR5 HEX PLT	2		
7	NCH0000250	NUT-1/4 NC HEX	4		
8	WCT0000250	WASHER-1/4 FLAT	4		
9	F 0007453	BRAKE PLATE SPRING	2		
10	F 0007450	BRAKE PLATE-OUTSIDE W/LINING	1		
11	F 0007449	BRAKE PLATE-INSIDE W/LINING	1		
12	WLK0000375	WASHER-3/8 S/T LOCK	2		
13	NFH0000375	NUT-3/8 NF HEX	4		
14	MNT0018954	KNOTTER BRAKE CALIPER MOUNT	1		
15	SCC0030003	BOLT-3/8-16 X 1 1/4 GR5 HEX	2		
16	NFH0000375	NUT-3/8 NC HEX	4		
17	SCC0080107	BOLT-1/4 NC X 2 1/4 GR8 HEX	3		
18	SCC0080110	BOLT-1/4 NC X 3 GR8 HEX	3		

KNOTTER SHAFT ASSEMBLY

FIG 1-37



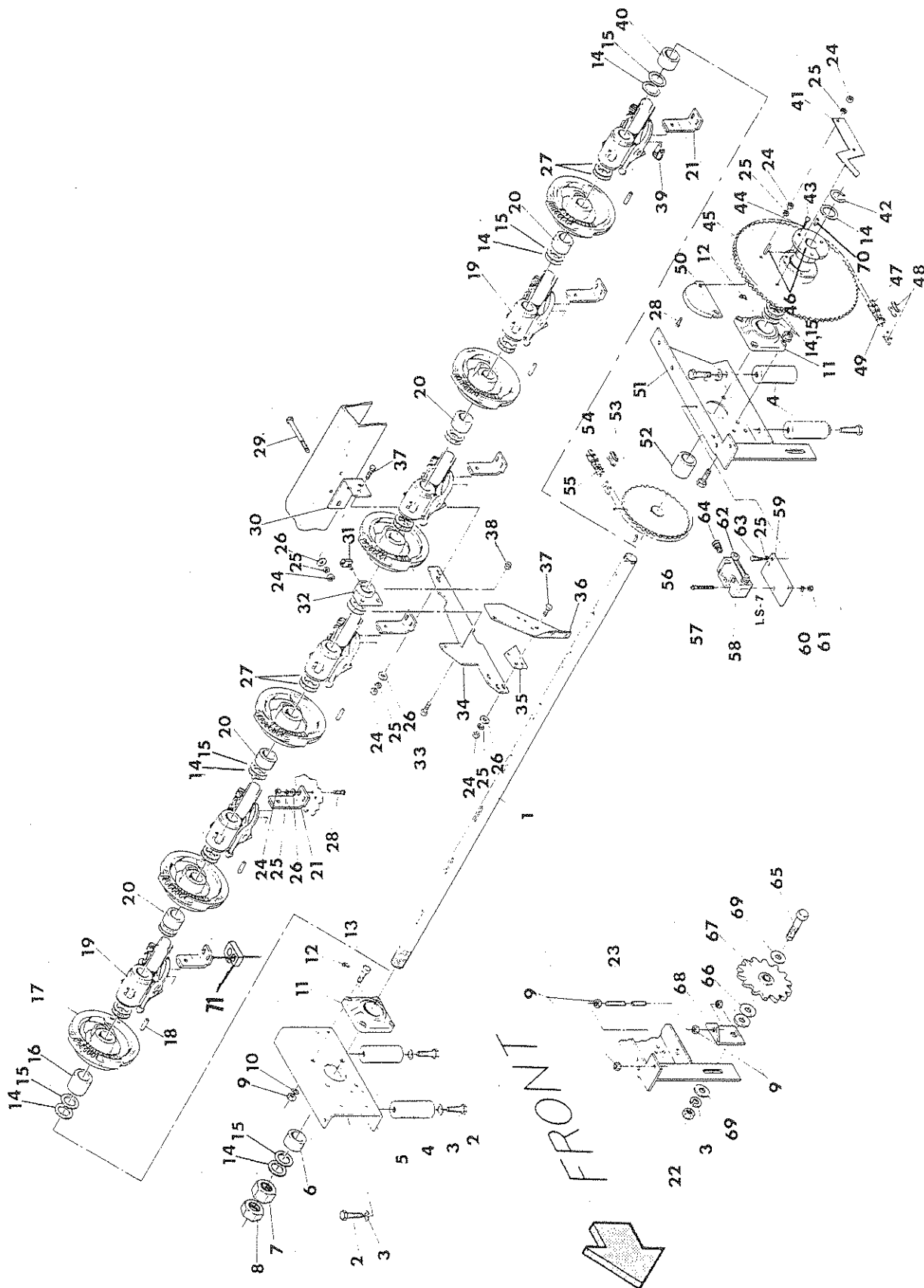
KNOTTER SHAFT ASSEMBLY

FIGURE 1-37

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	SHF0030951	KNOTTER SHAFT	1		
2	SCC0070004	1/2 X 5 NC HT CAPSCREW PLTD	8		
3	WLK0000625	5/8 MEDIUM LOCK WASHER, PLTD	8		
4	KNT0015323	KNOTTER BEARING PEDESTAL	4		
5	MNT0015325	R.H. KNOTTER MOUNT	1		
6	SPC0015400	SPACER - KNOT SHAFT, 1.125	1		
7	NFH0013750	NUT - 1 3/8 NF SLOTTED	1		
8	NFJ0013750	NUT-1 3/8 JAM	1		
9	NCH0000500	1/2 NC HEX NUT PLTD	13		
10	WLK0000500	1/2 LOCK WASHER, PLTD	9		
11	BRGRCJ1375	1 3/8 FLANGE BEARING	2		
12	HYD3159010	1/8 PIPE PLUG	2		
13	SCC0050005	1/2 X 13/4 NC HT CAPSCREW PLTD	8		
14	F 0004159	1 3/8 X 10 GA MACH BUSHING	A/R		
15	F 0004161	1 3/8 X 18 GA MACH BUSHING	A/R		
16	SPC0022552	SPACER - KNOT SHAFT, 1.875	1		
17	GER0006068	MODULAR CAM GEAR	6		
18	F 0004104	3/8 X 3/8 X 1 1/2 KEY	6		
19	KNT0600600	KNOTTER HEAD COMPLETE	6		
20	SPC0022551	SPACER - KNOT SHAFT, 1	4		
21	KNT0029387	KNOTTER ANCHOR	6		
22	NCH0000625	5/8 NC HEX NUT PLTD	1		
23	ROD0017218	TAKE-UP ADJUSTMENT ROD	1		
24	NCH0000313	5/16 NC HEX NUT PLTD	22		
25	WLK0000313	5/16 MEDIUM LOCK WASHER, PLTD	24		
26	WCT0000313	5/16 FLAT WASHER - PLTD	20		
27	F 0007977	1 3/8 X 1 7/8 X .010 SPACER WASHER	A/R		
	F 0007978	1 3/8 X 1 7/8 X .005 SPACER WASHER	A/R		
	SHM0000103	1 3/8 X 1 7/8 X .015 STEEL SHIM	A/R		
	SHM0000105	1 3/8 X 1 7/8 X .020 STEEL SHIM	A/R		
28	CRB3130125	5/16 X 1 1/4 CARR BOLT-PLTD	14		
29	SCC0020018	BOLT-5/16-18 X 5 GD 5 HEX	2		
30	ANC0020159	ANC0023322 BEARING SUP ANCHOR	1		
31	F 0008288	90 DEG AUTO LUBER FITTING	1		
32	BRG0022548	KNOTTER SHAFT CENTER BEARING	1		
33	SFC0030002	3/8 X 1 NC HT CAPSCREW PLTD	2		
34	SUP0025265	KNT SHAFT CNT BRG SUPT	1		
35	SPC0016001	KNOTTER ANCHOR SPACER	A/R		
36	MNT0015373	TWINE FING DRIV CENT BRG MNT	1		
37	SCC002003	5/16X11/4 NC HT CAPSCREW PLTD	6		
38	NFX0003750	3/8 NF FLEX-LOCK JAM NUT	2		
39	PIN0375125	PIN - SNAPPER 3/8 X 1 1/4	6		
40	SPC0022554	SPACER - KNOT SHAFT, 2.375	1		
41	KNT0029254	KNOTTER TIMING POINTER	1		
42	F 0007988	SNAP RING - 1 3/8 EXTERNAL 5160-137	1		
43	SCC0030003	3/8 X 11/4 NC HT CAPSCREW PLTD	3		
44	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	3		
45	SPK0016363	SPROCKET - KNOTTER DRIVE	1		
46	BSH0022979	BUSHING, SPROCKET KNOT DRIVE	1		
47	CHN0006098	CHAIN RC60 X 100 W/2 OFF & CONN	1		
48	CNK0000110	LINK-CONNECTOR RS60 HT PKGD	1		
49	OFL0000107	LINK-OFFSET RS60 HT PKGD	1		
50	CAM0015809	KNTR REVERS SAFTY CAM	1		

KNOTTER SHAFT ASSEMBLY - CONT.

FIG 1-37



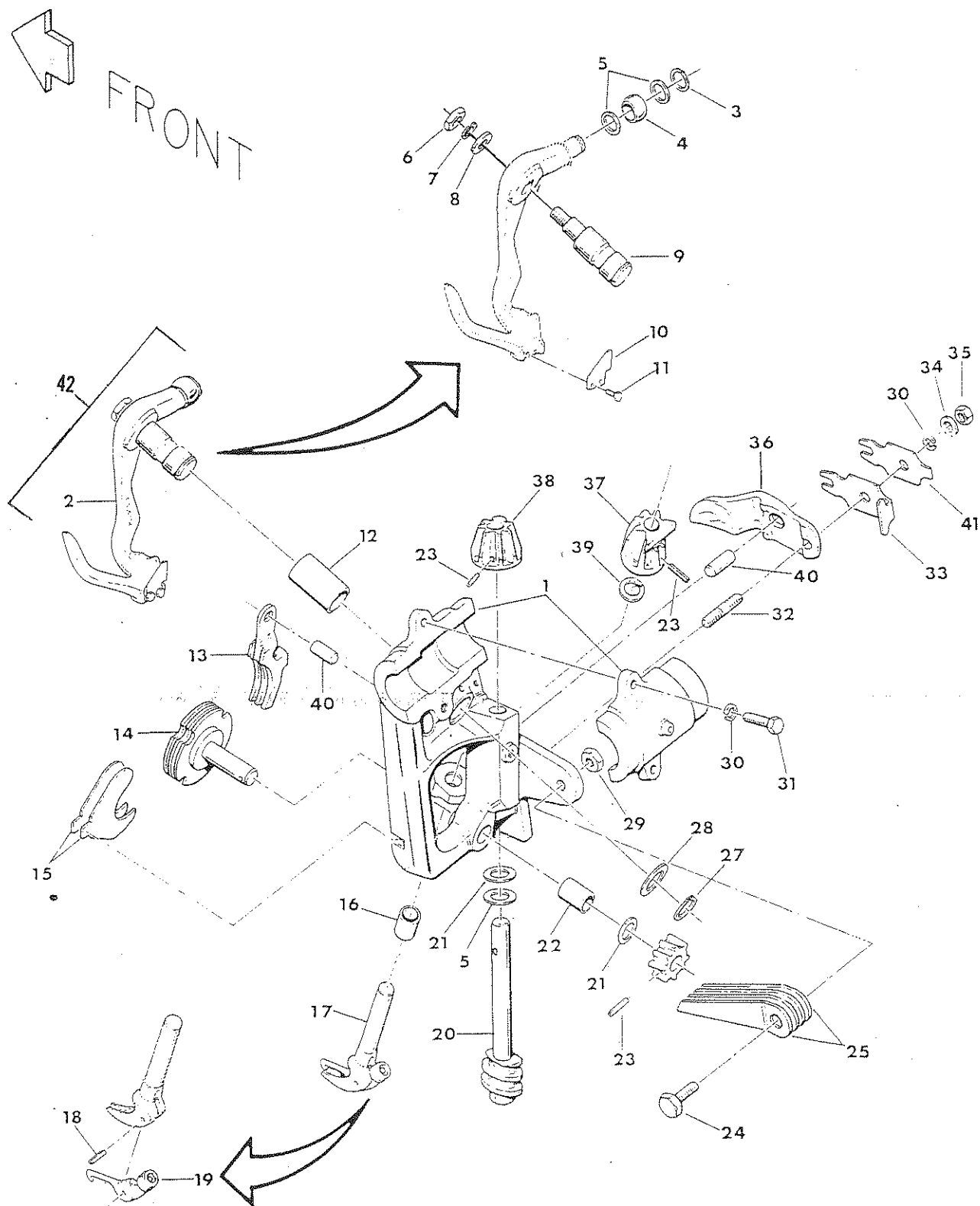
KNOTTER SHAFT ASSEMBLY

FIGURE 1-37

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
51	MNT0015328	L.H. KNOTTER MOUNT ASSY	1		
52	SPC0015399	SPACER - KNOT SHAFT, 2.75	1		
53	FT 0000113	CONNECTING LINK - #41 CHAIN	1		
54	FT 0000165	PUMP DRIVE CHAIN-93 PITCH RC41	1		
55	FT 0000114	OFFSET LINK - #41 CHAIN	1		
56	SPK0041401	KNOTTER SHAFT SPROCKET	1		
57	SMR1032150	MACH SCREW - 10 - 32 X 1 1/2 RH PLTD	2		
58	SWI0005079	LIMIT SWITCH - 4 POST	1		
59	MNT0015802	KNTR REVERSE SAFETY SW MNT	1		
60	WLK0000100	LOCKWASHER - #10 PLTD	2		
61	NFH0001032	10-32 NF HEX NUT PLTD	2		
62	ARM0005084	3" LEVER ARM W/ 3/4 ROLLER	1		
63	SCC0020001	5/16 X 3/4 NF HT CS, PLTD	2		
64	CNR0000193	1/2 STRAIN RELIEF CONNECTOR	1		
65	SCC0000709	BOLT-5/8-11 X 2 3/4 HEX HD	1		
66	WCT0000625	5/8 FLAT WASHER - PLTD	2		
67	SPK011536S	IDLER SPROCKET .010-6015S	1		
68	BKT0020150	KNOTTER CHAIN TIGHTENER BRT	1		
69	WAS0000105	5/8 STRUCTURAL WASHER PLTD	2		
70	ZZ 0000441	3/8 X 3/8 X 2 1/4 KEY	1		
71	DEF0029374	TWINE DEFLECTOR	6		

KNOTTER ASSEMBLY

Figure 1-38



AUGUST, 1998

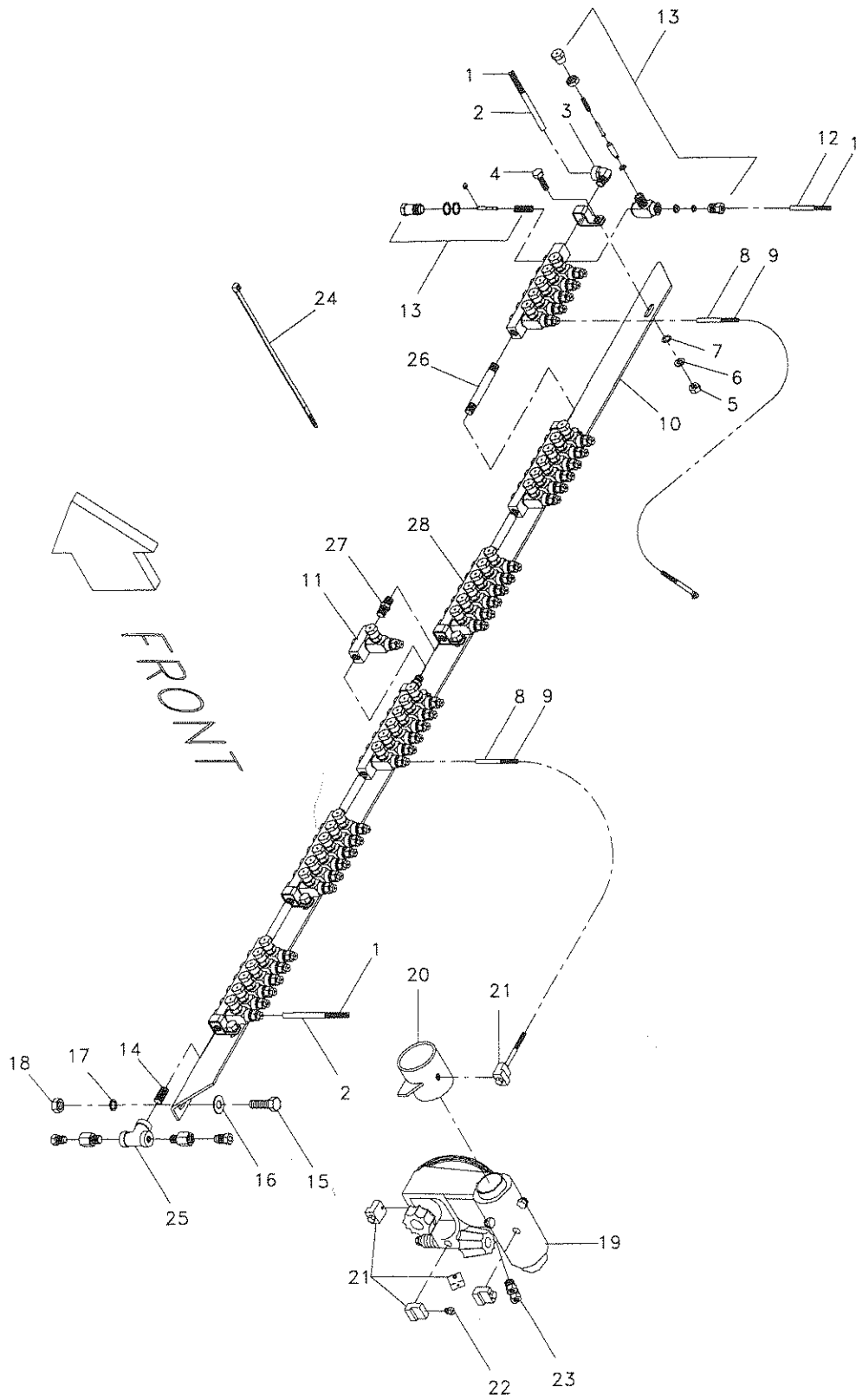
KNOTTER ASSEMBLY

FIGURE 1-38

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	KNT0060060	KNOTTER FRAME ONLY	1		
2	RS 0006050	KNIFE ARM COMPLETE	1		
3	F 0008275	SNAP RING F/KNIFE ARM ROLLER	1		
4	F 0008274	ROLLER F/KNIFE ARM	1		
5	F 0008280	1 MM WASHER-WORM SHF & KNF ARM	3		
6	F 0007893	NUT F/KNIFE ARM PIN	1		
7	WLK0000375	WASHER - 3/8 S/T LOCK	1		
8	F 0007892	SPACER WASHER F/KNIFE ARM PIN	1		
9	F 0007884	KNIFE ARM PIN	1		
10	F 0008049	TWINE KNIFE	1		
11	F 0007859	TWINE KNIFE SCREW	2		
12	RS 0006022	KNIFE ARM BUSHING	1		
13	F 0007868	TWINE HOLDER	1		
14	RS 0006055	TWINE DISC ASSY	1		
15	F 0007870	TWINE DISC CLEANER	2		
16	RS 0006002	BILL HOOK BUSHING	1		
17	RS 0006035	BILL HOOK	1		
18	RS 5187344	ROLL PIN F/KNOTTER TRIGGER	1		
19	RS 0006036	TRIGGER ONLY	1		
20	F 0007876	KNT WORM & SHAFT (COMPL ONLY)	1		
21	F 0000658	14 GA. KNOTTER WORM WASHER	A/R		
	F 0000659	18 GA. KNOTTER WORM WASHER	A/R		
	F 0001680	28 GA. KNOTTER WORM WASHER	A/R		
	RS 0010500	.5MM WASHER-WORM SHF & KNF ARM	A/R		
22	RS 0006003	TWINE DISC BUSHING	1		
23	RS 5227344	SPIRAL PIN F/KNOTTER GEARS	3		
24	SCC0030003	3/8 X 1 1/4 NC CS-PLATED	1		
	SCCM008030	8M X 30M MC HEX HD CS	1		
25	F 0008052	TWINE HOLDER SPRING	4		
26	F 0007871	TWINE HOLDER DISC PINION	1		
27	F 0007976	SNAP RING F/KNIFE ARM SHAFT	1		
28	F 0007860	KNIFE ARM WASHER 25 X 20 X .5M	A/R		
29	NCH0000375	3/8 NC HEX NUT-PLATED	1		
	NCHM008125	8M X 1 1/4 MC HEX NUT-GR 8.8	1		
30	VLKM000080	WASHER-LOCK M8 SPRINGD127A	3		
31	SCCM108025	8M X 25M MC HEX HD CS	2		
32	F 0007948	KNOT HOOK CAM ADJUSTING SCREW	1		
33	F 0007947	KNOTTER HOOK CAM ADJUST SPRING	1		
34	WCT0000313	5/16 FLAT WASHER - PLTD	1		
35	F 0007949	KNOTTER HOOK CAM ADJ SCREW-NUT	1		
36	F 0008051	KNOTTER HOOK CAM	1		
37	GER0007862	HARDENED BILL HOOK PINION	1		
38	GER0007873	HARDENED KNOTTER WORM PINION	1		
39	F 0008068	SPACER F/BILL HOOK PIN-.20	A/R		
	F 0008069	SPACER F/BILL HOOK PIN-.032	A/R		
40	RS 3451926	PIN F/BILL HOOK CAM & SPRING	2		
41	SPG0025466	KNT HOOK CAM ADJ SPRING-FORGED	1		
42	KNT0600600	KNOTTER HEAD ASSEMBLY (INCLUDES REF. 1-41)	1		ADD

KNOTTER LUBER ASSEMBLY

Figure 1-39



AUGUST 24, 1998

KNOTTER LUBER ASSEMBLY

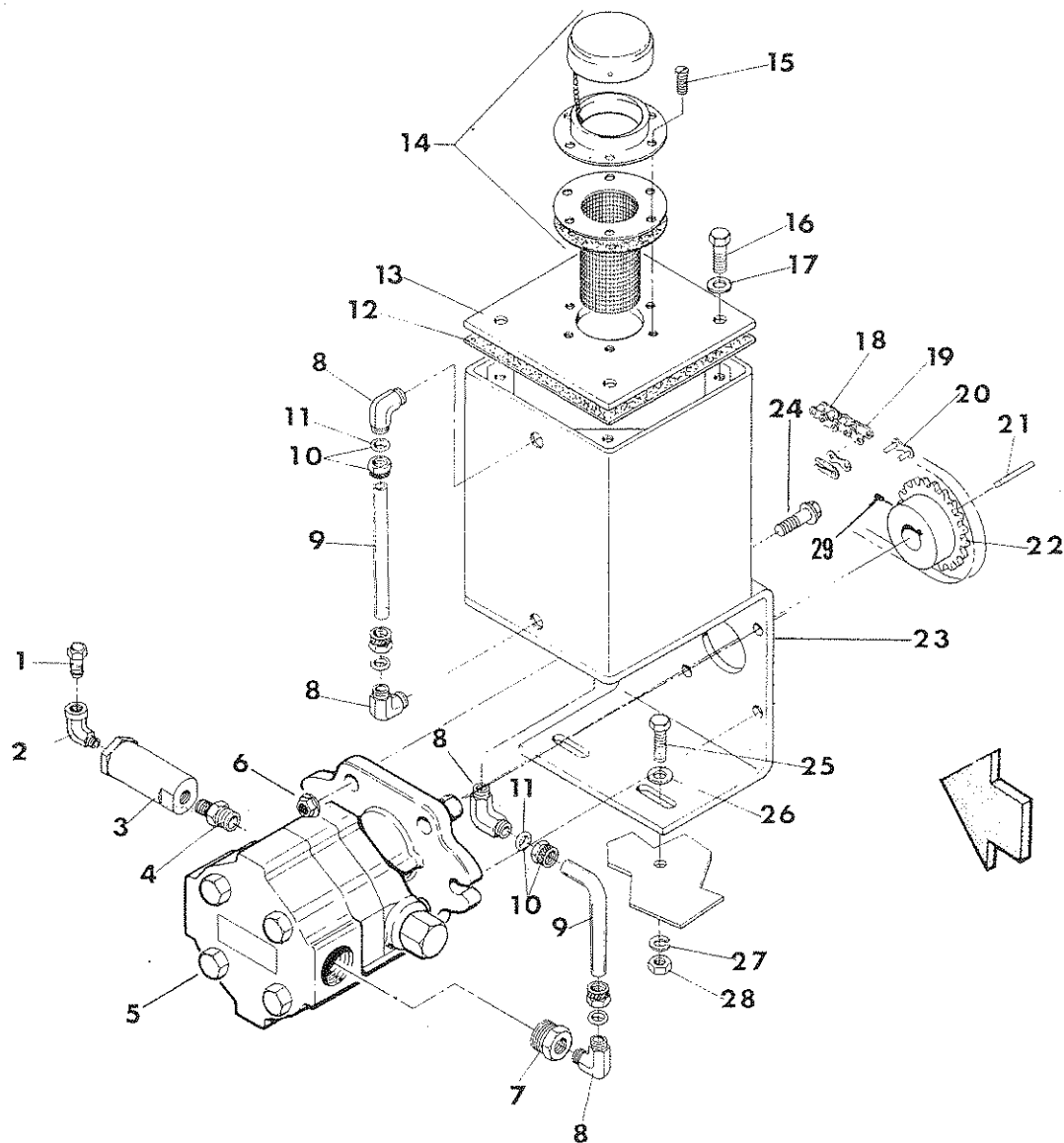
Figure 1-39

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	SLV0002509	LOOM - FLEX GUARD HI TEMP 1/4 (SPCFY LGTH)	A/R		
2	TBE0002509	TUBE - 1/4 NYLON (OILER)	2		
3	F 0001441	1/4 X 1/8-90 DEG ELBOW	2		
4	SCC0000102	BOLT-1/4-20 GR5 HEX	6		
5	NCH0000250	NUT-1/4 HEX	6		
6	WLK0000250	WASHER - 1/4 LOCK	6		
7	F 0008284	AUTO LUBER VALVE	37	VLV00051113	
8	F 0007400	1/8 NYLAFLOW TUBING - 32"	37		
9	F 0008291	COVER-F/1/8 NYLON TUBE-32.75	37		
10	BRKT0032981	LUBER-BRACKET MOUNT	1		
11	LUB0833111	LUBER - MANIFOLD ASSY-1	1		
12	TBE0002501	TUBE W/SLV TO TANK 1 1/4 NYL	1		
13	LUB0083313	LUBER-INJECTOR ASSY (REPLACEMENT ONLY)	37		
14	PPE0000125	NIPPLE - 1/8 NPT CLOSED	1		
15	SCC0020002	5/16 X 1 NC HT CAPSCREW PLTD	2		
16	WCT0000313	5/16 FLAT WASHER - PLTD	2		
17	WLK0000313	5/16 MEDIUM LOCK WASHER, PLTD	2		
18	NCH0000313	5/16 NC HEX NUT PLTD	2		
19	KNT0600600	KNOTTER HEAD ASSEMBLY	6		
20	BRG0022548	KNOTTER SHAFT CENTER BEARING	1		
21	F 0008288	90 DEG AUTO LUBER FITTING	25		
22	F 0008306	FERRULE F/AUTO LUBER FITTING	25		
23	F0008287	FITTING - STR AUTO LUBER	12		
24	F 0008290	3/16 X 7 1/4 CABLE TIE-BLACK	36		
25	PPE0040125	TEE - 1/8 NPT	1		
26	PPE1250300	NIPPLE - 1/8 NPT X 3"	4		
27	HYD3069021	NIPPLE - STEEL HEX	2		
28	LUB0833116	LUBER - MANIFOLD ASSY-6	1		
	LUB0027376	KNOTTER LUBER ASSY (INC. REF. 1-28)	1		
	LUB32982				

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LUBER PUMP AND TANK ASSEMBLY

FIG 1-40



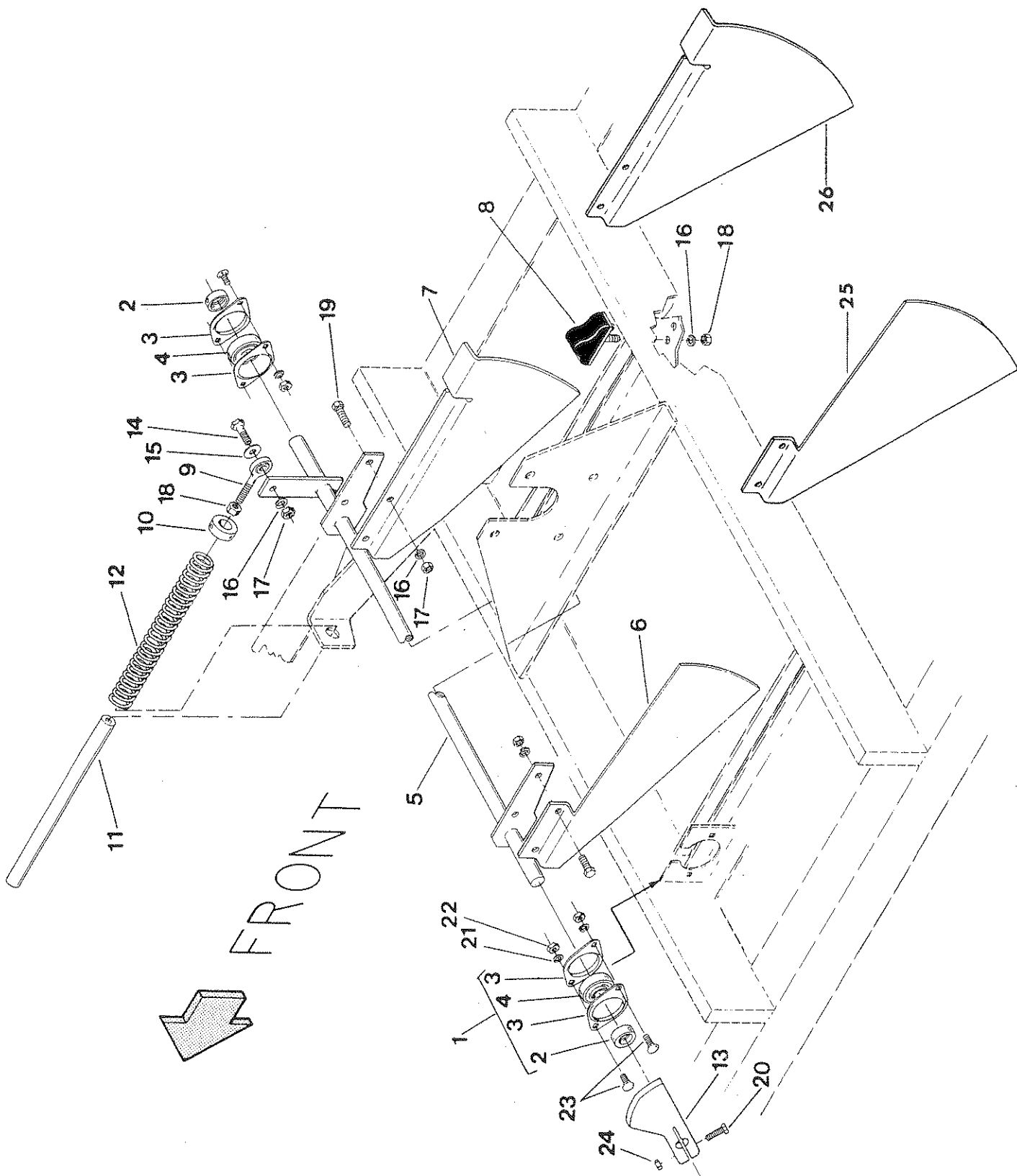
LUBER PUMP AND TANK ASSEMBLY

FIGURE 1-40

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	F 0008312	1/4 SLEEVE F/F1441	1		INCLUDED WITH REF. 2
2	F 0001441	ELBOW-1/8 NPT M 1/4 NYLON TUBE	1		
3	FIL0007012	FILTER F/AUTO LUBER TANK	1	FIL000090521	
4	HYD3069032	3/8 X 1/4 NPT STEEL HEX NIPPLE	1		
5	PMP4731107	AUTO LUBER PUMP	1		
	SEL0047311	SEAL KIT F/PMP4731107	1		
6	NMS0000117	5/16 NC WHIZ NUT-PLATED	4		
7	PPE0500250	1/2 X 1/4 STD BLK HEX BUSH	1		
8	F 0008209	3/8 X 1/4 90 BRASS MALE ELBOW	4		
9	F 0008199	SITE GAUGE F/AUTO LUBER TANK	2		
10	IMP0026106	3/8 NUT & SLEEVE ASSEMBLY	4		
11	IMP0026006	3/8 PLASTIC SLEEVE	4		
12	F 0008198	COVER TO TANK-AUTO LUBER GSKT	1		
13	F 0008197	TANK COVER	1		
14	FIL0010003	FILTER CAP COMPLETE W/SCREEN	1		
15	SMR1032500	10-32 X 1/2 RH MACH SCREW-PLT	6		
16	SCC0020003	5/16 X 1 1/4 NC HT CS-PLATED	4		
17	FT 0000538	5/16 COPPER SEALING WASHER	4		
18	FT 0000165	PUMP DRIVE CHAIN-93 PITCH RC41	1		
19	FT 0000113	CONNECTING LINK-#41 CHAIN	1		
20	FT 0000114	OFFSET LINK-#41 CHAIN	1		
21	ZZ 0000403	1/8 X 1/8 X 1 KEY	1		
22	F 0008201	41B15 X 9/16 BOR-1/8KW 2SS SPK	1		
23	LUB0017169	LUBER TANK	1		
24	SCC0030002	5/16 X 1 NC HT CS-PLATED	4		
25	SCC0030002	3/8 X 1 NC HT CS-PLATED	2		
26	WCT0000375	3/8 FLATWASHER-PLATED	2		
27	WLK0000375	3/8 LOCKWASHER-PLATED	2		
28	NCH0000375	3/8 NC HEX NUT-PLATED	2		
29	STS2500250	1/4 X 1/4 NC SOCKET SET SCREW	2		

FULL FEED SENSOR ASSEMBLY

FIG 1-41



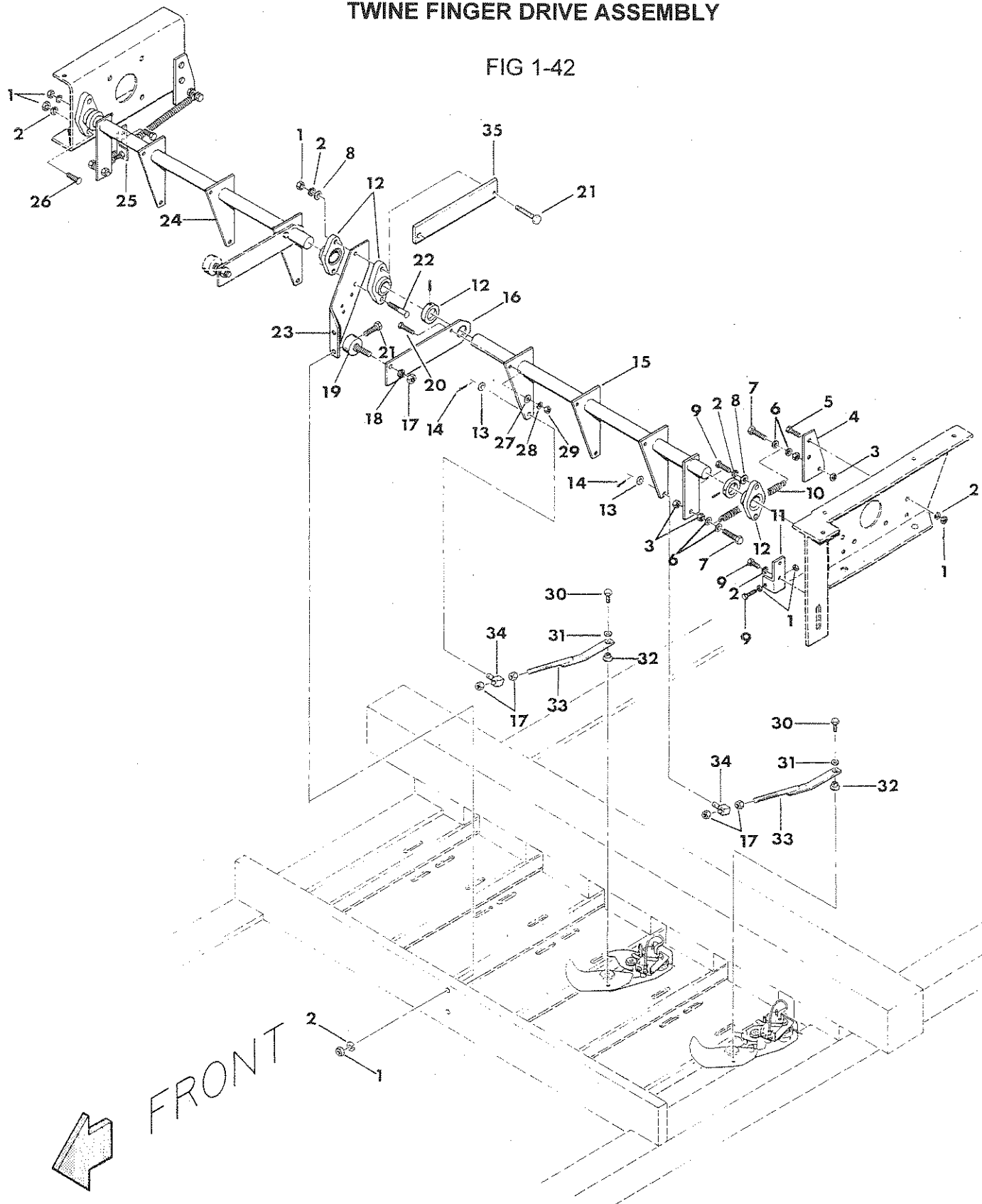
FULL FEED SENSOR ASSEMBLY

FIGURE 1-41

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	F 0001618	SHAFT BEARING COMPLETE	2		
2	F 0001890	LOCKING COLLAR FOR BEARING REF. #4	2		
3	F 0001889	FLANGETTE - 47MST	4		
4	F 0001619	BEARING - METER WHEEL SHAFT (INC. REF. #2)	2		
5	ARM0022540	SHAFT - CHAMBER SENSOR	1		
6	PDL0015668	PADDLE - LEFT FEED SENSOR, 38"	1		
7	PDL0017210	PADDLE - RIGHT FEED SENSOR, 38"	1		
8	F 0008264	RUBBER BUMPER	1		
9	ROD0000600	MORSE TM-6N ROD END	1		
10	F 0000172	3/4 STEEL SET COLLAR	1		
11	ROD0015671	FEED SENSOR GUIDE ROD	1		
12	04-105	SPRING - INDEX TRIP RETURN	1		
13	CAM0015917	CAM - CHARGE SWITCH	1		
14	SCC0030004	3/8 X 1 1/2 NC HT CAPSCREW PLTD	1		
15	WCT0000375	3/8 FLAT WASHER - PLTD	1		
16	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	5		
17	NCH0000375	3/8 NC HEX NUT PLTD	5		
18	NFH0000375	3/8 NF HEX NUT PLTD	1		
19	SCC0030002	3/8 X 1 NC HT CAPSCREW PLTD	4		
20	SCC0020005	5/16X13/4 NC HT CAPSCREW PLTD	1		
21	WLK0000313	5/16 MEDIUM LOCK WASHER, PLTD	4		
22	NCH0000313	5/16 NC HEX NUT PLTD	4		
23	CRB3130075	5/16 X 3/4 CARRIAGE BOLT-PLTD	4		
24	NCE0000313	5/16 NC ESNA NUT PLTD	1		
25	PDL0027208	PADDLE - LEFT FEED SENSOR, 36"	1		
26	PDL0027207	PADDLE - RIGHT FEED SENSOR, 36"	1		

TWINE FINGER DRIVE ASSEMBLY

FIG 1-42



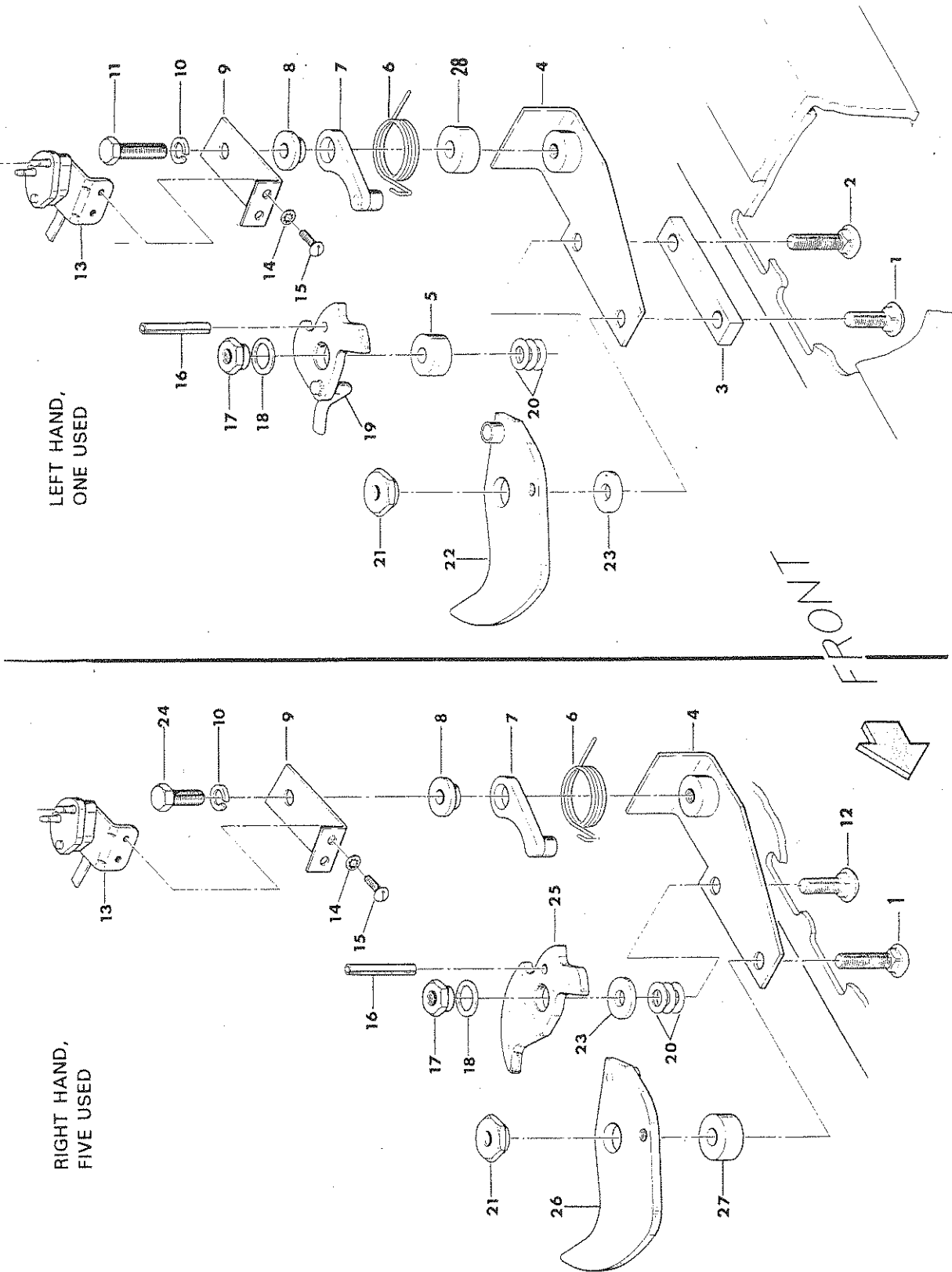
TWINE FINGER DRIVE ASSEMBLY

FIGURE 1-42

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	NCH0000313	5/16 NC HEX NUT PLTD	18		
2	WLK0000313	5/16 MEDIUM LOCK WASHER, PLTD	16		
3	NCH0000375	3/8 NC HEX NUT PLTD	8		
4	BKT0022078	TWINE FINGER RETURN SPRG BKT	2		
5	SCC0020002	5/16 X 1 NC HT CAPSCREW PLTD	4		
6	WCT0000375	3/8 FLAT WASHER - PLTD	8		
7	SCC0030004	3/8 X 1 1/2 NC HT CAPSCREW PLTD	4		
8	WCT0000313	5/16 FLAT WASHER - PLTD	4		
9	SCC0020003	5/16X1 1/4 NC HT CAPSCREW PLTD	5		
10	F 0001517	TRIP SPRING	2		
11	BKT1537100	BRK - TWINE FINGER STOP L.H.	1		
12	BRG0001001	2 BOLT 1" FLUSHMOUNT BALL BRG	4		
13	F 0001623	WASHER	6		
14	COT0000301	3/32" X 3/4" COTTER PIN	6		
15	SHF0028935	TWINE FINGER DRIVE SHF - L.H.	1		
16	ARM0015370	ARM - TWINE FINGER DRIVE CAM	2		
17	NFH0000375	3/8 NF HEX NUT PLTD	14		
18	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	2		
19	F 0001572	CAM FOLLOWER-RESET-SADDLE LEV	2		
20	SCC0010002	1/4 X 1 NC HT CS, PLTD	2		
21	SCC0020005	5/16X13/4 NC HT CAPSCREW PLTD	3		
22	CRB3130150	5/16 X 1 1/2 CARRIAGE BOLTPLTD	1		
23	MNT0015373	TWINE FING DRIV CENT BRG MNT	1		
24	SHF0028936	TWINE FINGER DRIVE SHF - R.H.			
25	BKT1537101	BRK - TWINE FINGER STOP R.H.	1		
26	CRB3130125	5/16 X 1 1/4 CARR BOLT-PLTD	2		
27	WCT0000250	1/4 FLAT WASHER - PLTD	2		
28	WLK0000250	1/4 LOCK WASHER PLTD	2		
29	NCH0000250	1/4 NC HEX NUT PLTD	2		
30	SFC0020001	5/16 X 3/4 NF HT CS, PLTD	6		
31	WAS0000109	5/16 STRUCTURAL WASHER	6		
32	F 0004124	BUSHING - TWINE FING DRV ROD	6		
33	ROD0021408	TWN FINGER DRV ROD	6		
34	F 0000159	BLOCK - TWINE FINGER LINK	6		
35	BAR0027935	TWN FINGER DRIVE TIE BAR-1592	1		

KNOT SENSORS ASSEMBLY

FIG 1-43



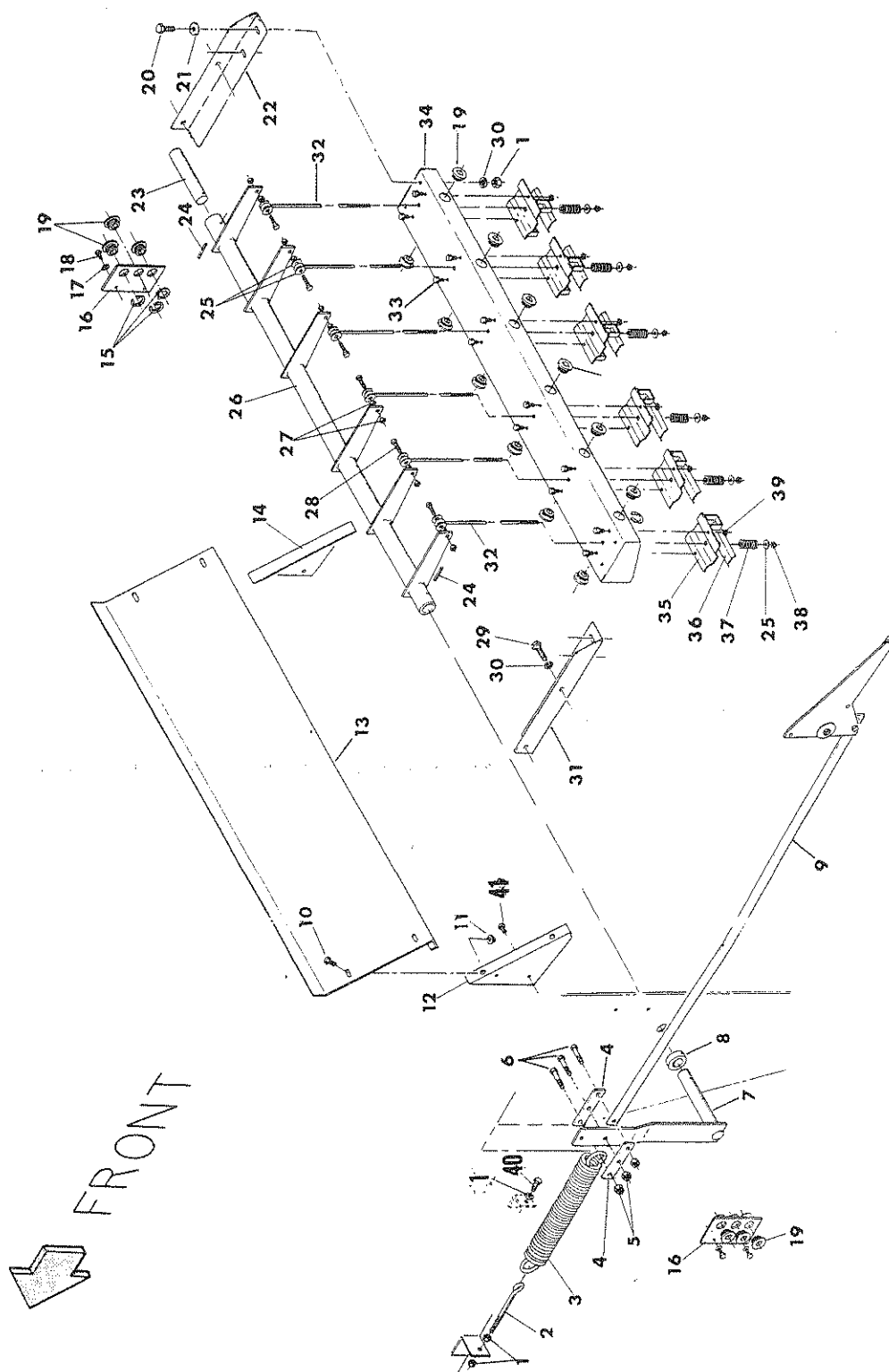
KNOT SENSORS ASSEMBLY

FIGURE 1-43

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	CRB7375125	3/8 X 1 1/4 GR5 CARR BOLT PLTD	6		QTY. WAS 1
2	CRB7375175	3/8 X 1 3/4 GR5 CARR BOLT PLTD	1		
3	SPC0021711	TWINE FINGER & SENSOR SPACER	1		
4	MNT0021609	KNOT SENSOR MOUNT	6		
5	SPC0021601	LEFT SPACER-FINGER	1		
6	SPG0021607	TWINE SENSOR LATCH LEVER SPRG	6		
7	KNT0021604	TWINE SENSOR LATCH LEVER	6		
8	F 0000440	FERRULE	6		
9	MNT0021603	KNOT SENSOR SWITCH MOUNT	6		
10	WLK000375	3/8 MEDIUM LOCK WASHER, PLTD	6		
11	SCC0030004	3/8 X 1 1/2 NC HT CAP SCREW	5		
12	CRB7375100	3/8 X 1 GR5 CARR BOLT - PLTD	5		
13	ELC0021608	KNOT SENSOR SWITCH	6		
14	WIS0001000	WASHER-#10 INTERNAL STAR	12		
15	SMR1032500	MACH SCREW - 10-32 X 1/2 FH	12		
16	ZZ 0000705	1/4 X 2 ROLL PIN	6		
17	BSH0021610	BUSHING	6		
18	WCB0087500	7/8 FLAT WASHER - PHOS BRONZE	6		
19	KNT0030063	LH KNOT SENSOR FINGER	1		
20	F 0004119	WASHER - 3/8 X 7/8 X .025	3		
21	F 0008144	TWINE FINGER BUSHING NUT	6		
22	KNT0028938	LH TWN FINGER ASSY	1		
23	F 0008146	TWINE FINGER WASHER	6		
24	SCC0030002	BOLT-3/8-16 X 3/4 GRADE 35 HEX	5		
25	KNT0030068	KNOT SENSOR FINGER RH	5		
26	KNT0028939	RH TWINE FINGER	5		
27	SPC0015552	TWINE FINGER SPACER	5		
28	SPC0030377	LEFT SWITCH MOUNT SPACER	2		

TWINE TENSIONER ASSEMBLY

FIG 1-44



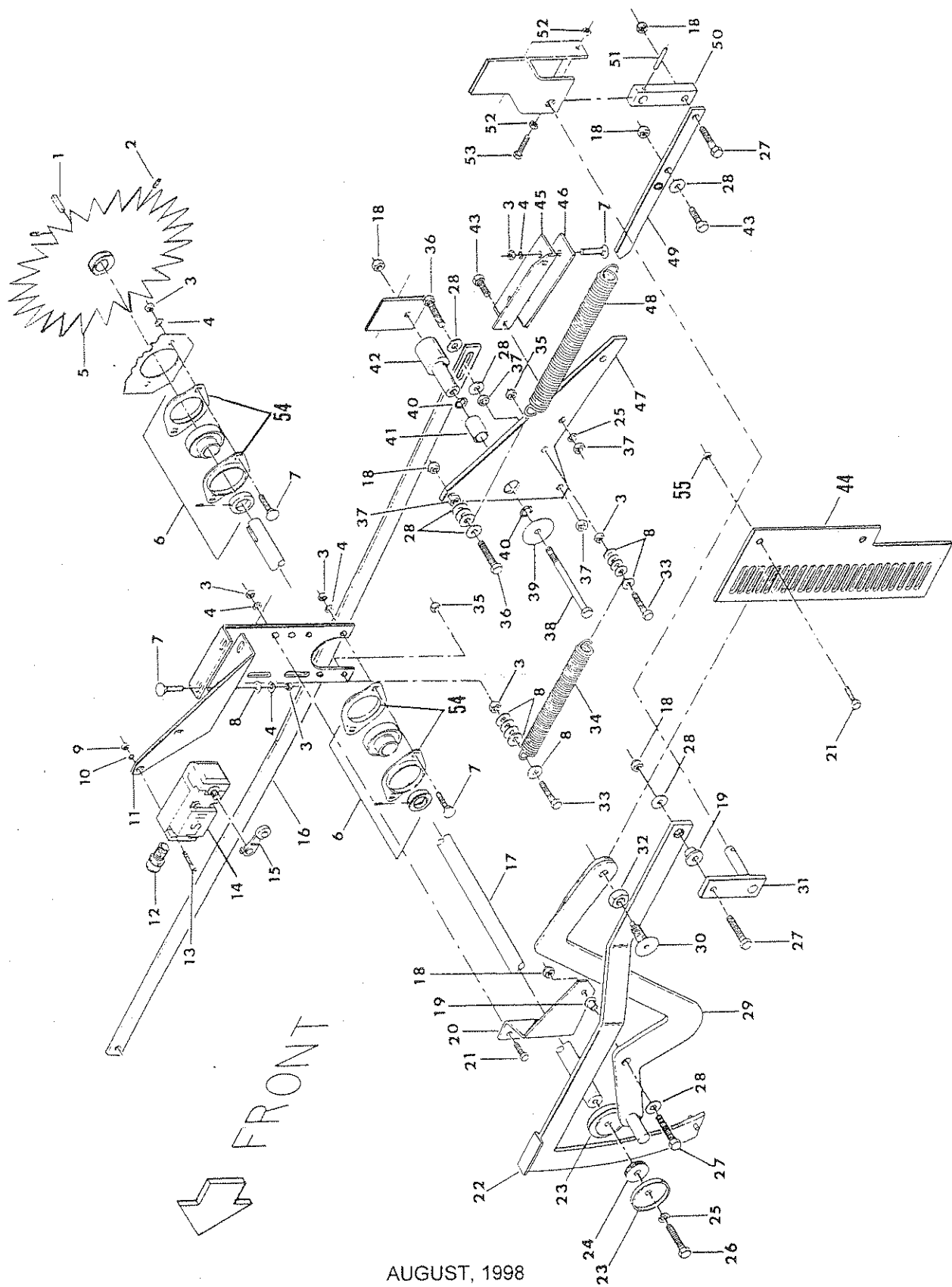
TWINE TENSIONER ASSEMBLY

FIGURE 1-44

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	NCH0000375	3/8 NC HEX NUT PLTD	7		
2	SMS0000301	EYE BOLT - 3/8 X 5 1/2 G-6	1		
3	F 0000108	SPRING - PICKUP BALANCE	1		
4	LNK0027739	TWN TENS RELEASE LINK	2		
5	NCE0000375	LOCKNUT-3/8 NC NYLON INSERT PLTD	3		
6	SCC0030003	3/8 X 11/4 NC HT CAPSCREW PLTD	3		
7	LEV0015603	TWINE TENSIONER SPRING LEVER	1		
8	ZZ 0002003	SET COLLAR - 1" STEEL	1		
9	ROD0027726	TWN TENS RESET LEVER	1		
10	SMS0000184	5/16 X 3/4 NC WHIZ BOLT PLTD	4		
11	NMS0000117	5/16 NC WHIZ NUT PLTD	1		
12	MNT1660700	LH CHAFF SHIELD MOUNT	1		
13	SHD0022480	TWINE TENS CHAFF SHIELD	1		
14	MNT1660701	RH CHAFF SHIELD MOUNT	1		
15	F 0000857	SNAP RING F/TWN GUIDE BUSHING	18		
16	BKT0015602	TWN TENSIONER TWN GUIDE BRKT	2		
17	WLK0000250	1/4 LOCK WASHER PLTD	4		
18	SCC0010001	1/4 X 3/4 NC HT CAP SCREW PLTD	4		
19	F 0000856	BUSHING - TWINE & WIRE GUIDE	18		
20	SCC0030002	3/8 X 1 NC HT CAPSCREW PLTD	4		
21	WCT0000375	3/8 FLAT WASHER - PLTD	4		
22	MNT2617501	RIGHT TWINE TENSIONER MOUNT	1		
23	PIN0015610	TWINE TENSION LEVER PIVOT PIN	1		
24	F 0007076	1/4 X 11/2 ROLL PIN	2		
25	WCT0000313	5/16 FLAT WASHER - PLTD	18		
26	LEV0022476	TWINE TENSION LEVER ASSY	1		
27	NCH0000313	5/16 NC HEX NUT PLTD	12		
28	SCC0020004	5/16X11/2 NC HT CAPSCREW PLTD	6		
29	SCC0030001	3/8X3/4 NC HT CAPSCREW PLTD	4		
30	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	8		
31	MNT261750	LEFT TWINE TENSIONER MOUNT	1		
32	ROD0026174	TWN TENS TAKE UP ROD	6		
33	SMS0000171	BOLT-1/4 NC X 5/8 WHIZ	12		
34	TNS0026172	TWN TENS BASE MNT - A/11-92	1		
35	TNS0015598	TWINE TENSION BASE	6		
36	F 0001698	TOP-TWINE TENSION	6		
37	F 0007541	SPRING - COMPRESSION	6		
38	NCE0000313	5/16 NC ESNA NUT PLTD	6		
39	NMS0000250	1/4 NC WHIZ NUT PLTD	12		
40	NCH0000375	BOLT-3/8-16 X 2 FULL THD	1		
41	SMS0000181	BOLT-3/8-16 X 3/4 WHIZ	4		

BALE LENGTH ADJUSTMENT MECHANISM ASSEMBLY

Figure 1-45



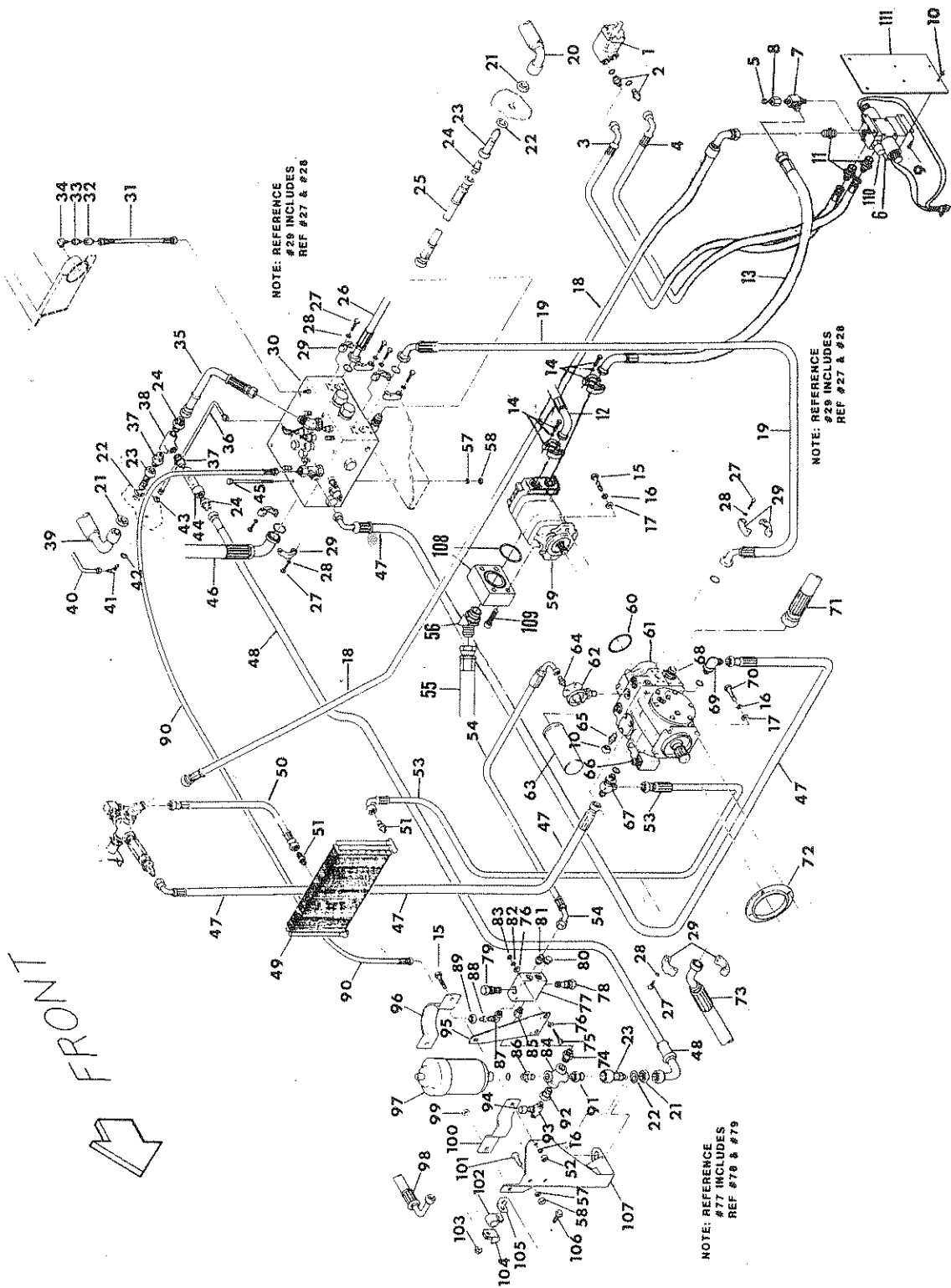
BALE LENGTH ADJUSTMENT MECHANISM ASSEMBLY

FIGURE 1-45

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	ZZ 0000404	3/16 X 3/16 X 1-1/2 KEY	1		
2	STS2500313	1/4 X 5/16 SOCKET SET SCREW	2		
3	NCH0000313	NUT-5/16 NC HEX	13		
4	WLK0000313	5/16 MEDIUM LOCK WASHER, PLTD	10		
5	KNT0024098	METER WHEELASSY	1		
6	F 0001618	BEARING - METER WHEEL SHAFT	2		
7	CRB7313100	BOLT-16 X 1" GD#5 CARRIAGE	8		
8	WCT0000313	5/16 FLAT WASHER - PLTD	10		
9	NFH0001032	10-32 NF HEX NUT PLTD	2		
10	WLK0000100	LOCKWASHER - #10 PLTD	2		
11	BKT0024068	KNOTTER TRIP SWI BKT	1		
12	CNR0000195	1/2-1 NPT STR CONN .50-.625	1		
13	SMR1032150	MACH SCREW - 10 - 32 X 1 1/2 RH PLTD	2		
14	SWI0005081	LIMIT SWITCH - 8 POST	1		
15	ARM0005001	1 1/2 LEVER ARM W/ 3/4 ROLLER	1		
16	ROD0027726	TWN TENS RESET LEVER	1		
17	SHF0015527	SHAFT - METER WHEEL	1		
18	NCE0000375	LOCKNUT-3/8 NC NYLON INSERT PLTD	6		
19	F 0000440	FERRULE	2		
20	MNT0022342	ADJUSTMENT BAR MOUNT	5		
21	SCC0020002	5/16 X 1 NC HT CAPSCREW PLTD	5		
22	KNT0031232	KNOTTER TRIP METER BAR	1		
23	F 0008023	WASHER - GUIDE	2		
24	KNT0020500	KNTR TRIP FRICTION DISC	1		
25	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	3		
26	SCC0030005	3/8 X 1 3/4 NC HT CS-PLTD	1		
27	SCC0030003	3/8 X 11/4 NC HT CAPSCREW PLTD	3		
28	WCT0000375	3/8 FLAT WASHER - PLTD	7		
29	BAR0025880	KNT TRIP ADJ BAR ASSY	1		
30	PIN00FHR44	PIN - SPRING PLUNGER	1		
31	LEV0015534	KNOTTER TRIP METER BAR LEVER	1		
32	NCJ0000500	1/2 NC JAM NUT PLTD	1		
33	SCC0020004	5/16X11/2 NC HT CAPSCREW PLTD	2		
34	F 0000747	SPRING - SQUARE TIP ROD RETURN	1		
35	NCE0000313	NUT-5/16-18 NYLON INSERT LOCK	2		
36	SCC0030004	3/8 X 11/2 NC HT CAOSCREW PLTD	2		
37	NCH0000375	3/8 NC HEX NUT PLTD	5		
38	SCC0030015	3/8 X 41/2 NC HT CAPSCREW PLTD	1		
39	F 0000246	WASHER - KNOTTER BRAKE DISC	1		
40	F 0007587	SEAL - ANCHOR	2		
41	F 0007586	BUSHING	1		
42	SLV0015542	KNOTTER TRIP PIVOT BOLT SLEEVE	1		
43	SCC0030002	3/8 X 1 NC HT CAPSCREW PLTD	3		
44	PLT0022880	ADJUSTMENT PIN PLATE	1		
45	MNT0017158	WEAR LINER MOUNT	1		
46	LIN0017159	RESET LEVER WEAR LINER	1		
47	LEV0015533	KNOTTER TRIP RESET LEVER	1		
48	F 0001517	SPRING - TRIP	1		
49	LNK0015541	KNOTTER TRIP SPRING LINK	1		
50	LEV0015537	KNOTTER TRIP SPRING LEVER	1		
51	ZZ 0000726	PIN - EXPANSION 3/16 X 1	1		
52	F 0001887	NUT-1/4 NC FLG WHIZ LOCK	2		
53	HTB0010003	1/4-20 X 11/2 GD5 HEX FULL THD	1		
54	F 0001889	FLANGETTE-47MST	4		
55	NMS0000117	5/16 FLG WHIZ NUT	2		

MAIN SYSTEM HYDRAULICS ASSEMBLY

FIG 1-46



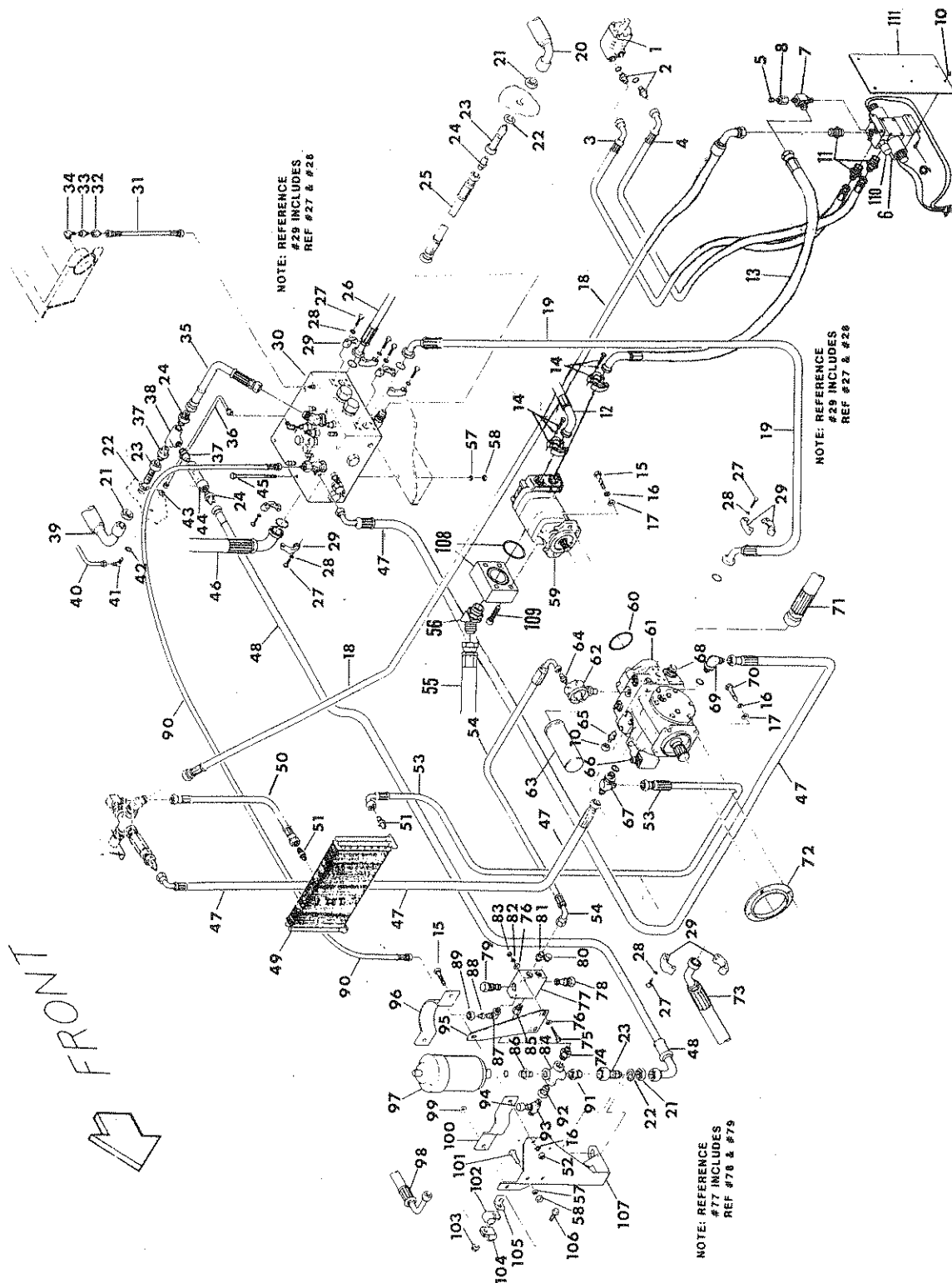
MAIN SYSTEM HYDRAULICS ASSEMBLY

FIGURE 1-46

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	MTR1091104	MOTOR-109-1104-40000 HP15 CID	1		
2	HYD5315060	3/4 JIC X 3/4 O-RING ST THD CONN	2		
3	HOS0021436	HOSE-FOR MTF & VLV SUPPLY	1		
4	HOS0021435	HOSE-CHAR LYNN 4000 FEEDER	1		
5	HYD5129020	4M JIC CAP	1		
6	VLV0505587	VALVE-3 POS 4 WAY SOLENOID	1		WAS VLV512542
7	HYD575560	FITTING-8MX8M JIC(BCH)X8M JIC	1		
8	HYD5015062	FITTING-12F JICX4M JIC STR.	1		
9	SCC0010001	1/4 X 3/4 NC HT CAP SCREW PLTD	4		
10	NMS0000250	1/4-20 WHIZ NUT	4		
11	HYD5205064	3/4 JIC X 1/2 NPT MALE CONN	3		
12	HOS0023438	HOSE-FEED FORK MOTOR	1		
13	HOS0021436	HOSE-FOR MTF & VLV SUPPLY	1		
14	FLG0001501	CODE 61 FLANGE KIT	2		
15	SCC0050003	BOLT-1/2-13 X 1 3/4 GD 5 HEX	4		
16	WLK0000500	1/2 LOCK WASHER - PLTD	8		
17	WAS0000104	1/2 A-325 STRUCTURAL WASHER	6		
18	HOS0016649	HOSE-RETURN FEEDER VLV	1		
19	HOS0024980	HOSE-PRESSURE RETRACE	1		
20	HOS0023451	HOSE-LH MAKE UP CYL	1		
21	HYD5924080	BULKHEAD NUT 1"	3		
22	WIS0012500	1 5/16 INTERNAL STAR WASHER-PLT	3		
23	HYD5275080	CONN-1 JIC X 1 NPT FEM BLK HD	3		
24	HYD5205070	1 JIC X 1NPT MALE CONN	3		
25	HOS0024984	HOSE-LEFT MAKE-UP CYL-54"	1		
26	HOS0024887	HOSE-PLUNGER CYL	1		
27	SCC0040005	7/16 X 13/4 NC HT CS, PLTD	10		
28	WLK0000438	7/16 LOCKWASHER - PLTD	10		
29	FLG0001501	1" SPLIT FLG W/O-RING & BOLT K	5		
30	VLV0013120	PLUNGER CYLINDER VALVE ASSY COMPLETE	1		
31	HOS0028188	HOSE-CNTL VLV TO 10 PRESS GAGE	1		
32	HYD5255022	1/4 JIC X 1/4 NPT FEMALE CONN.	1		
33	HYD0010000	PULSATION DAMPENER F/23350 GA	1		
34	HYD3409020	STREET ELBOW-1/4 X 90	1		
35	HOS0024973	HOSE-PLUNGER VALVE	1		
36	TBE0024975	PLUNGER VALVE-BULKHEAD HOSE	1		
37	HYD3069070	1 NPT STEEL HEX BUSHING	2		
38	HYD3709070	1" STEEL FEMALE PIPE TEE	1		
39	HOS0023452	HOSE-RIGHT MAKE UP CYL	1		
40	TBE0023719	TUBE- FRONT TENSION PILOT	1		
41	HYD5525030	3/8JICX90 BULKHEAD UNION ELBOW	1		
42	WIS0005625	9/16 INTERNAL STAR WASHER,PLDT	1		
43	HYD5924030	BULKHEAD NUT-3/8	1		
44	VLV0000453	CHECK VALVE-4531526	1		
45	SCC0030020	BOLT-3/8 NC X 7 GR5 HEX	4		
46	HOS0024889	HOSE-PLUNGER CYL ROD END	1		
47	HOS0025040	HOSE-3/4 X 31 O.A. STR JIC 3/4 90	2		
48	HOS0023460	HOSE-ACCUMULATOR DISCHARGE	1		
49	CLR21133S1	OIL COOLER	1		
50	HOS0023435	HOSE-FEED KNOTTER MANIFOLD REIN	1		
51	F 0006675	3/4 JIC-1" NPT MALE CONN	2		
52	NCH0000500	1/2 HEX NUT PLTD	2		
53	HOS0023457	HOSE-OIL COOLER SUPPLY	1		
54	HOS0020543	HOSE-HYD 5X00	1		

MAIN SYSTEM HYDRAULICS ASSEMBLY - CONT.

FIG 1-46



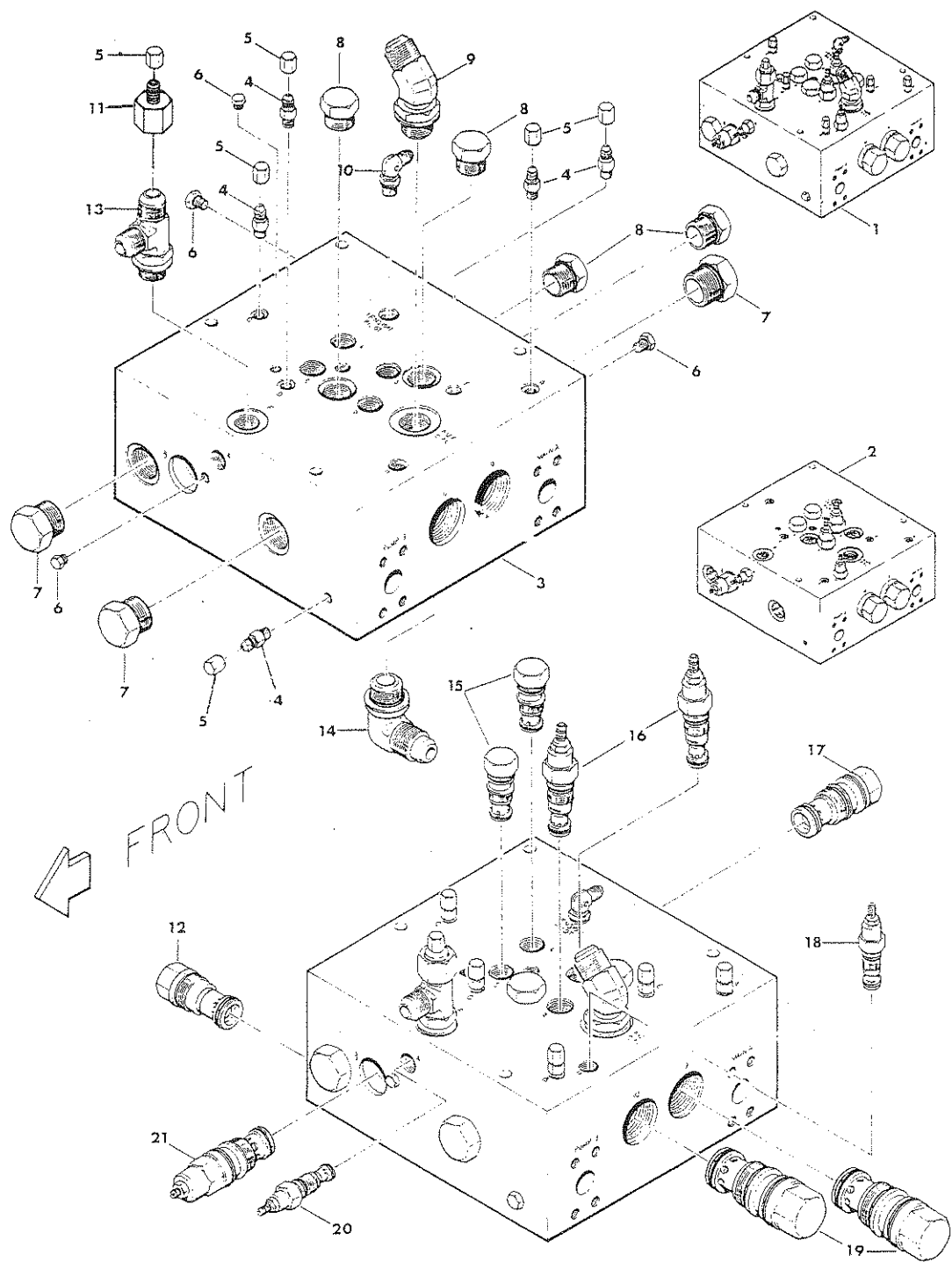
MAIN SYSTEM HYDRAULICS ASSEMBLY (CON'T)

FIGURE 1-46

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
55	HOS0024972	WEBSTER PUMP SUCTION HOSE	1		
56	HYD5365051	1 1/2 JIC X 1 1/2 O-RING 45 ELBOW	1		
57	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	6		
58	NCH0000375	3/8 NC HEX NUT PLTD	6		
59	PMP00150CB	DUAL PUMP-MAIN PUMP	1		
60	RNG0000045	O-RING-MECH. DRIVE PUMP	1		
61	PMP0000090	PUMP-SERIES 90	1		
62	FIL8800200	FILTER MANIFOLD	1		
63	FIL0164056	FILTER-F/SUNSTRAND PUMP	1		
64	HYD5315043	1/2 JIC X 3/8 O-RING ST THD CON	1		
65	HYD5315023	1/4 JIC X 3/8 O-RING ST THD CONN	1		
66	PMP1111002	CONTROLLER F/SUNSTRAND PUMP	1		
67	HYD5716060	12 JIC X 12M ADJ. STR THRD TEE	1		
68	HYD6400098	CONN-1 1/2 JIC X 1 1/4 O-RING THD	1		
69	HYD5515060	3/4 JIC X 3/4 O-RING 90 DEG ELBOW	1		
70	SCC0050006	1/2 X 2 1/2 NC HT CAPSCREW PLTD			
71	HOS0023488	HOSE-SUNDSTRAND PUMP SUCTION	1		
72	DPT0018751	PUMP PILOT ADAPTER	1		
73	HOS0015874	PLUNGER CYL HOSE	1		
74	HYD3069064	3/4 X 1/2 NPT STEEL HEX NIPPLE	1		
75	SCC0020010	5/16 X 2 1/2 NC HUT CS PLTD	2		
76	WCT0000313	WASHER-5/16 FLAT	4		
77	VLV1312YCF	DUMP VALVE 1/CFEXCN-AJ	1		
78	VLVCXFAXCN	RELIEF VALVE F/VLV1312CF	1		
79	VLVCOFAXAN	RELIEF VALVE F/VLV1312YCF	1		
80	HYD7237040	1/2 O-RING HEX HEAD PLUG PLTD	1		
81	HYD5315040	1/2 JIC X 1/2 O-RING ST THD CONN	1		
82	WLK0000313	5/16 MEDIUM LOCK WASHER, PLTD	2		
83	NCH0000313	5/16 NC HEX NUT PLTD	2		
84	HYD3959060	3/4 STEEL PIPE CROSS	1		
85	HYD3269044	1/2 O RING X 1/2 NPT FEM ADAPT	1		
86	HYD6401066	3/4 X 3/4 MALE ADAPTER	1		
87	HYD5515040	1/2 JIC X 1/2 ORING 90 DEG ELBO	1		
88	HYD5015042	1/2 X 1/4 JIC TUBE REDUCER	1		
89	HYD5105030	FITTING-3/8" 3 PIECE NUT	1		
90	HOS0022137	HYD HOSE 1592/607WB	1		
91	HYD3069071	1 X 3/4 NPT STEEL HEX NIPPLE	1		
92	HYD3109064	3/4 X 1/2 STEEL PIPE BUSHING	1		
93	HYD575544	1/2 JIC X 1/2 NPT MALE RUN TEE	1		
94	HYD5129040	1/2 JIC CAP	1		
95	BKT0024954	ACCUMULATOR DUMP VALVE BRACKET	1		
96	CLP0022217	ACCUM CLP 1/2 GREER 16 - 11/16	1		
97	ACM0800087	ACCUMULATOR 1 GAL BMF150/+88	1		
98	HOS0016624	HOSE-VALVE MANIFOLD PILOT	1		
99	WCT0000500	1/2 FLAT WASHER - PLTD	A/R		
100	CLP0022216	ACCUM CLP 1/2 GREER 10-13/16	1		
101	SCC0030003	3/8 X 11/4 NC HT CAPSCREW PLTD	2		
102	CLP7701164	1 1/4 INSULATED HOSE CLAMP	1		
103	NMS0000117	5/16 NC WHIZ NUT PLTD	2		
104	CLP7701163	1" INSULATED HOSE CLAMP 13/32	1		
105	BKT0023472	HOSE SUPT. BKT-TENSION CONTROL			
106	SMS0000184	5/16 X 3/4 NC WHIZ BOLT PLTD	1		
107	MNT0015856	ACCUMULATOR MOUNT	1		
108	HYD0505857	ADAPTER BLOCK	1		
109	HYD0505858	BOLT KIT	1		
110	VLV0505911	RELIEF CARTRIDGE-5000 PSI	1		
111	MNT0505622	MOUNT-SOLENOID VALVE	1		

PLUNGER CYLINDER VALVE ASSEMBLY

FIG 1-47



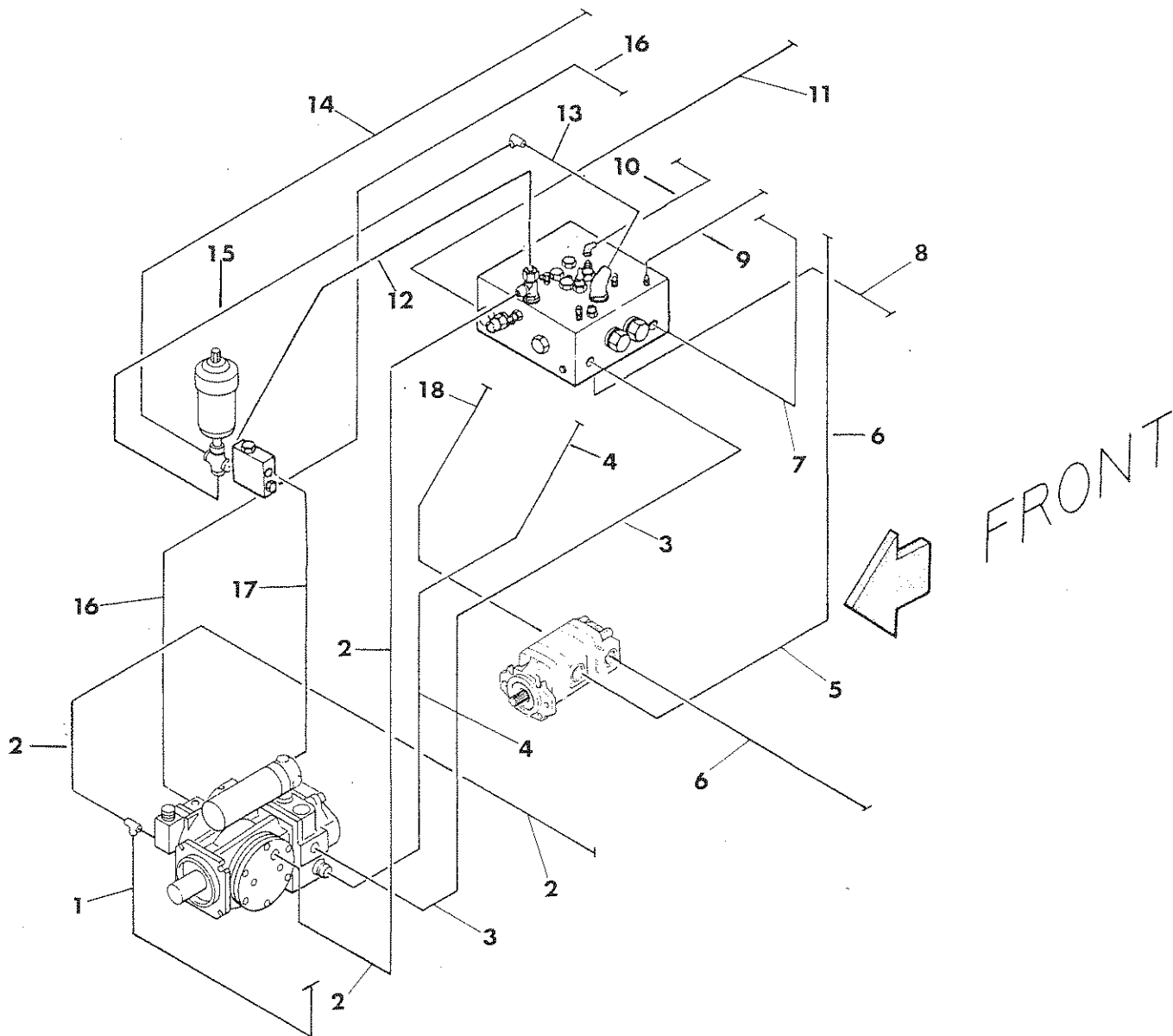
PLUNGER CYLINDER VALVE ASSEMBLY

FIGURE 1-47

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	VLV0013120	PLUNGER CYLINDER VALVE ASSY COMP.	1		
	KIT0013120	SEAL KIT-PLUNGER CYLINDER VALVE	1		
2	VLV00028071	PLUNGER CYLINDER VALVE ASSEMBLY	1		
3	VLV1312000	PLUNGER CYLINDER VALVE BODY	1		
4	F 0006684	6M O-RING 4M JIC STRAIGHT	5		
5	HYD5129020	1/4 JIC CAP	6		
6	HYD7237020	PLUG-6M	5		
7	HYD7237080	PLUG-16M	3		
8	HYD7237060	PLUG-12M	4		
9	HYD5365080	#16M O-RING-#16M JIC 45 DEG.	1		
10	HYD5515030	FITTING-6M JIC X 6M ADJ 90 ELBOW	1		
11	HYD51050620	FITTING-12F JIC X 4M JIC STR.	1		
12	VLVCXHAXCV	CHECK VALVE CARTRIDGE	1		
	SEL0016006	SEAL KIT- CHECK VALVE CARTRIDGE	1		
13	HYD5716060	12 JICX12M ADJ. STR THRD TEE	1		
14	HYD5515070	16M X 16M JIC 90	1		
15	VLVLKFCXDV	SUN LOGIC CARTRIDGE#5	2		
	SEL0002006	SEAL KIT-SUN LOGIC CARTRIDGE	2		
16	VLVRPGCLCV	RELIEF VALVE CARTRIDGE	2		
	SEL0003006	SEAL KIT-RELIEF VALVE CARTRIDGE	2		
17	VLVCOHBXV	PILOT CLOSE CHECK CARTRIDGE	1		
	SEL0017006	SEAL KIT-PILOT CLOSE CHECK CARTRIDGE	1		
18	VLVNCCBLCV	NEEDLE VALVE CARTRIDGE	1		
	SEL0010006	SEAL KIT-NEEDLE VALVE CARTRIDGE	1		
19	VLVLKJCXDV	LOGIC VALVE CARTRIDGE	2		
	SEL0019006	SEAL KIT-LOGIC VALVE CARTRIDGE	2		
20	VLVRPECLQV	RELIEF VALVE CARTRIDGE	1		
	SEL0010006	SEAL KIT-RELIEF VALVE CARTRIDGE	1		
21	VLVCBGLHV	COUNTERBALANCE CARTRIDGE	1		
	SEL0017006	SEAL KIT-COUNTERBALANCE CARTRIDGE	1		

MAIN SYSTEM HOSES ASSEMBLY

FIG 1-48



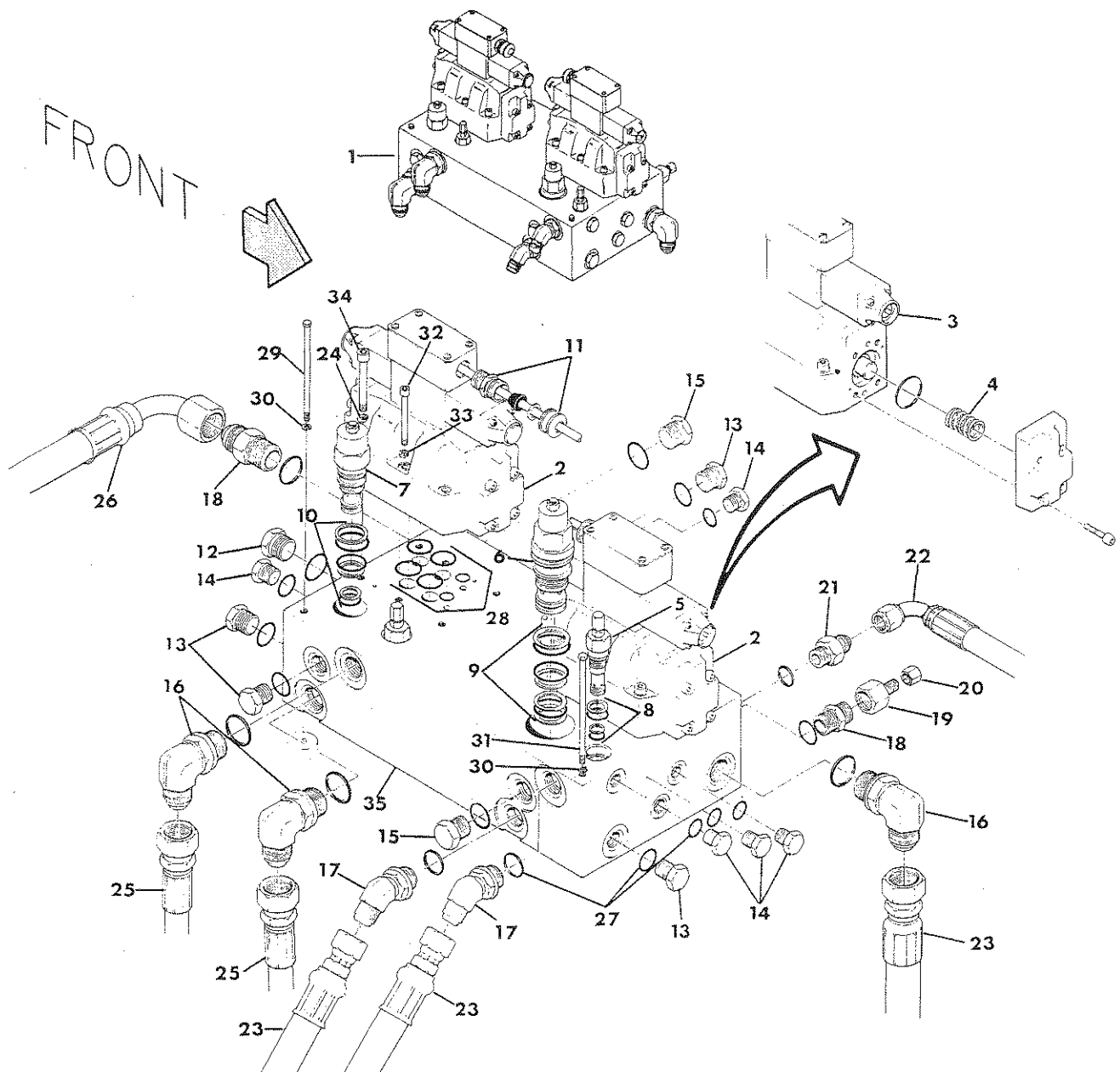
MAIN SYSTEM HOSE ASSEMBLY

FIGURE 1-48

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	HOS0023457	HOSE-OIL COOLER SUPPLY	1		
2	HOS0025040	HOSE-3/4 X 31 O.A. STR JIC3/4 90	2		
3	HOS0024980	HOSE-PRESSURE RETRACE	1		
4	HOS0023488	HOSE-PUMP SUCTION	1		
5	HOS0023438	HOSE-FEED FORK MOTOR	1		
6	HOS0021436	HOSE-MFT & VLV SUPPLY AF/87	1		
7	HOS0024887	HOSE-PLUNGER CYLINDER	1		
8	HOS0024984	HOSE-LEFT MAKE UP CYLINDER-54"	1		
9	HOS0028188	HOSE-1/4" 38" O.A. STR FEM SWIV	1		
10	TBE0024975	TUBE-PLUNGER VALVE PILOT	1		
11	HOS0024889	HOSE-PLUNGER CYLINDER ROD END	1		
12	HOS0022137	HOSE-10 M PRESSURE GAUGE	1		
13	HOS0024973	HOSE-PLUNGER VALVE BULKHEAD	1		
14	HOS0016624	HOSE-VALVE MANIFOLD PILOT	1		
15	HOS0023460	HOSE-ACCUMULATOR DISCHARGE	1		
16	HOS0015874	HOSE-PLUNGER CYLINDER	1		
17	HOS0020543	HOSE -ACCUMULATOR CHARGE	1		
18	HOS0024972	HOSE-PUMP SUCTION	1		

KNOTTER AND FEED FORK MANIFOLD VALVES / HOSES ASSEMBLY

FIG 1-49



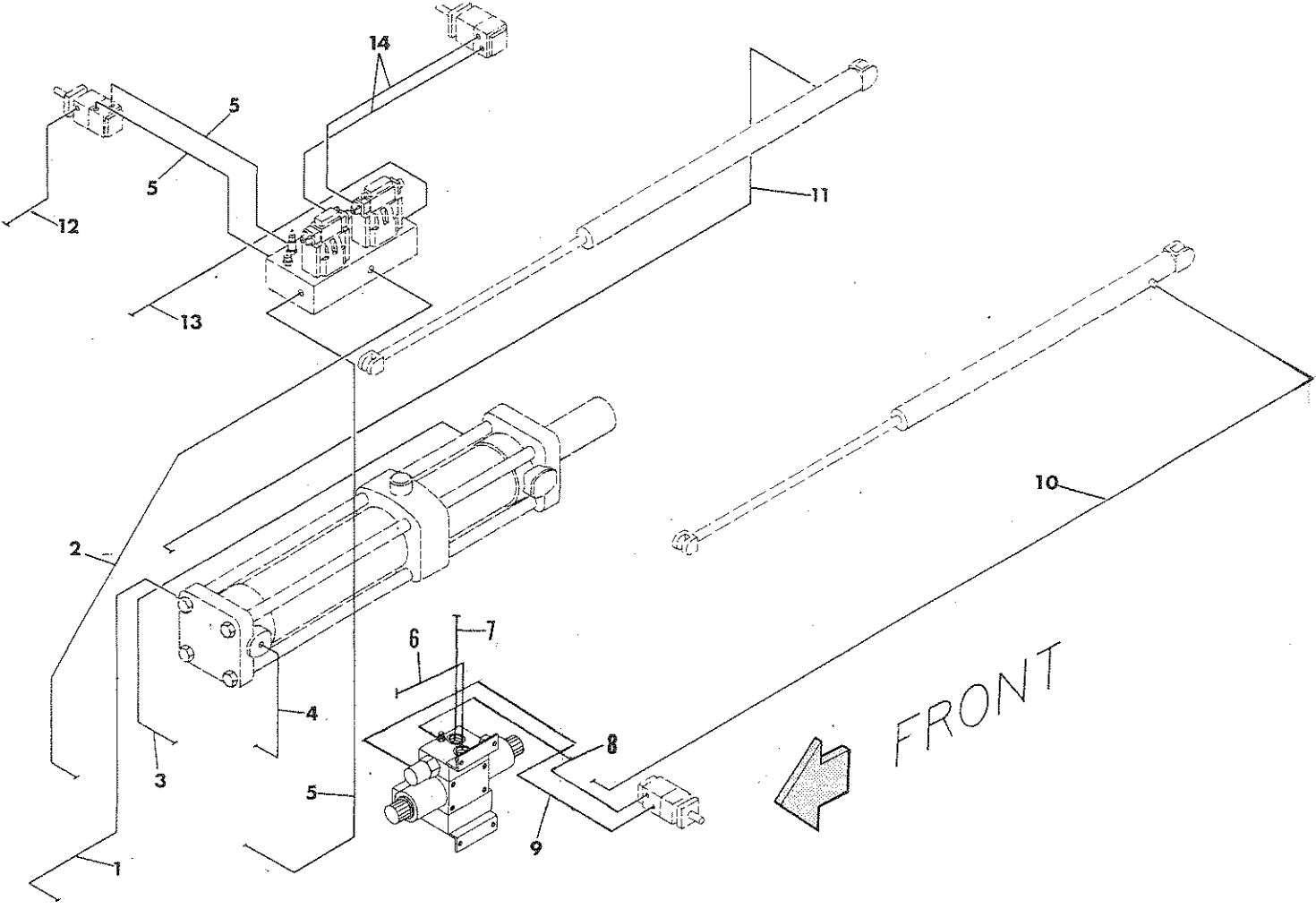
KNOTTER AND FEED FORK MANIFOLD VALVES / HOSES ASSEMBLY

FIGURE 1-49

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	VLV1730401	VALVE-KNOTTER/FEED COMPLETE	1		
2	VLV0000416 ✓	VALVE-RES. 4-WEH-16-G-6AG-12ND	2		
3	COI0035G12 ✓	12VDC SOL COIL	4		
	KIT046J515 ✓	SEAL KIT F/VLV046J515	1		
	VLV046J515 ✓	VALVE-4WE6J5X/AG 12ND/5	2		
4	SPG0011549 ✓	RTN SPG F/VLV4WEH16G50/6A612ND	4		
5	VLV0000026 ✓	RELIEF VALVE CARTRIDGE	3		
6	VLV1592CBG ✓	COUNTER BALANCE VALVE	1		
7	VLV1592CBE ✓	COUNTER BALANCE VALVE	1		
8	KIT0991010 ✓	SEAL KIT F/VLV0000026	1	3	
9	KIT0000013 ✓	SEAL KIT F/VLV1500/1592CBG	1		
10	KIT0000012 ✓	SEAL KIT F/VLV1500/1592CBE	1		SELOCO 2006
11	CNR0000194 ✓	3/8 TO 1/2 CONNECTOR	2		
12	HYD7237060 ✓	PLUG-12M	1		
13	HYD7237040 ✓	1/2 O-RING HEX HEAD PLUG PLTD	4		
14	HYD7237030 ✓	PLUG-6M	5		
15	HYD7237050 ✓	10 M PLUG	2		
16	HYD5515060 ✓	3/4 JIC X 3/4 O-RING 90 DEG ELBOW	3		
17	HYD5365060 ✓	12M JIC X 12M ADJ. 45 DEG ELBOW	2		
18	HYD5315060 ✓	12M O-RING-#12M JIC ST.	2		
19	HYD5015062 ✓	FITTING-12F JIC X 4M JIC STR.	1		
20	HYD5129020 ✓	1/4 JIC CAP	1		
21	HYD5315043 ✓	1/2 JIC X 3/8 O-RING ST THD CON	1		
22	HOS0016624 ✓	HOSE-VALVE MANIFOLD PILOT	1		
23	HOS0023438 ✓	HOSE-FEED FORK MOTOR	3		
24	WAS0000107 ✓	LOCK WASHER-3/8 HIGH COLLAR	3		
25	HOS0016631 ✓	HOSE-KNOTTER DRIVE	2		
26	HOS0023435 ✓	HOSE-FEED KNOTTER MANIFOLD REIN	1		
27	KIT0000017 ✓	O-RING SEAL KIT F/VLV17304	1		
28	KIT0000010 ✓	SEAL KIT FOR VLV0000416	1		
29	SCC0030015 ✓	3/8-16 X 4 1/2 GD5 HEX BOLT	2		
30	WLK0000375 ✓	WASHER-3/8 S/T LOCK	8		
31	SCC0030016 ✓	BOLT-3/8-16 X 5" GD5 HEX	1		
32	SCS0000107 ✓	BOLT-1/4 X 2 1/4 NC SOCKET HD CS	4		
33	WAS0000025 ✓	LOCK WASHER-1/4 HIGH COLLAR	4		
34	SCS0000307 ✓	SOCKET HD CS-3/8-16 X 2 1/4 PLTD	8		
35	VLV0017304 ✓	FEEDER VALVE MANIFOLD BODY	1		

PLUNGER, FEEDER, AND KNOTTER HOSES ASSEMBLY

FIG 1-50



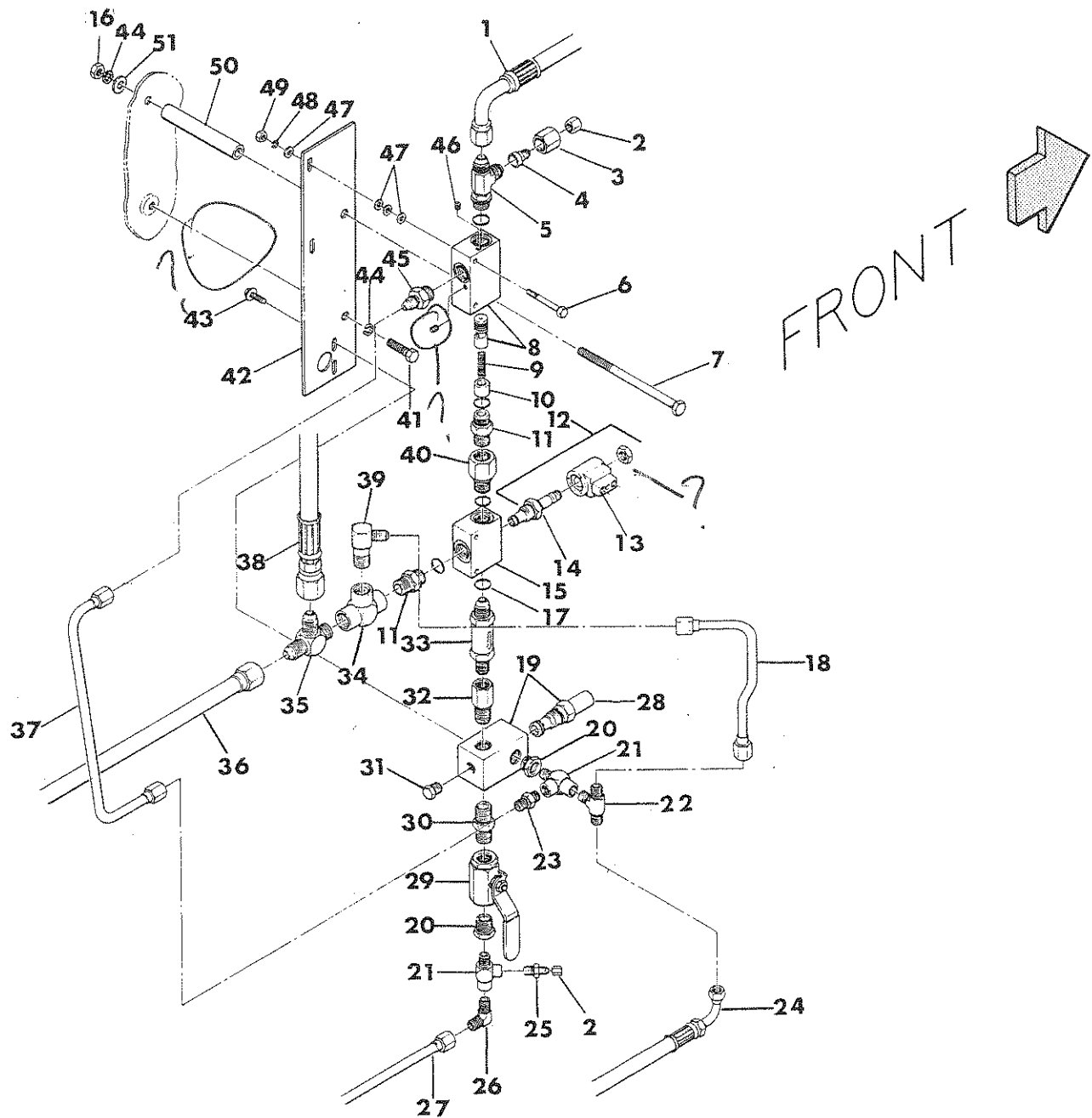
PLUNGER, FEEDER, AND KNOTTER HOSES ASSEMBLY

FIGURE 1-50

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	HOS0015874	HOSE-PLUNGER CYLINDER	1		
2	HOS0016624	HOSE-VALVE MANIFOLD PILOT	1		
3	HOS0024889	HOSE-PLUNGER CYLINDER ROD END	1		
4	HOS0024887	HOSE-PLUNGER CYLINDER	1		
5	HOS0032166	HOSE-FEED FORK MOTOR	1		
6	HOS0021436	HOSE- MTF & VLV SUPPLY AF/87	1		
7	HOS0016649	HOSE-RETURN FEEDER VLV B/86-A88	1		
8	HOS0021436	HOSE FEEDER MOTOR TOP	1		
9	HOS0021435	HOSE-CHAR LYNN 4000 FEEDER	1		
10	HOS0023451	HOSE-LH MAKE UP CYLINDER	1		
11	HOS0023452	HOSE-RIGHT MAKE UP CYLINDER	1		
12	HOS0023455	HOSE-FEED MOTOR CASE DRAIN	1		
13	HOS0023435	HOSE-FEED KNOTTER MANIFOLD REIN	1		
14	HOS0016631	HOSE-KNOTTER DRIVE	2		

TENSION CONTROL VALVES ASSEMBLY

FIG 1-51



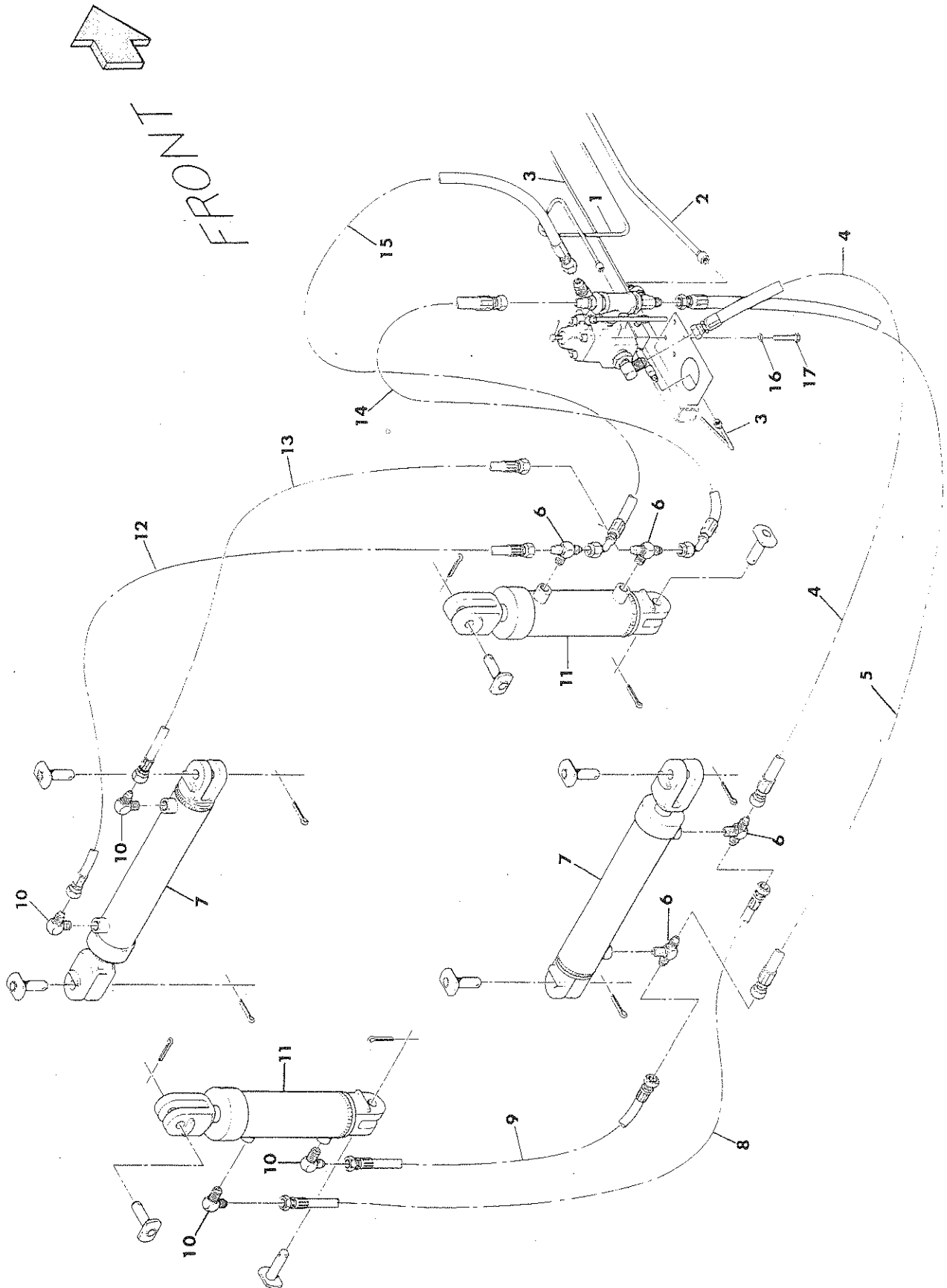
TENSION CONTROL VALVES ASSEMBLY

FIGURE 1-51

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	HOS0016655	HOSE-TENS CONTROL PRESSURE	1		
2	HYD5129020	1/4 JIC CAP	2		
3	HYD5105040	1/2" 3-PIECE NUT	1		INCLUDED WITH REF. 4
4	HYD5015042	1/2 TO 1/4 JIC TUBE REDUCER	1		
5	HYD5716040	1/2 JIC X 1/2 O-RING RUN TEE	1		
6	SCC0010007	1/4 X 2 1/4 NC HT CS-PLATED	2		
7	SCC0030017	3/8 X 5 1/2 NC HT CS-PLATED	1		
8	VLV0015004	BYPASS VALVE BODY	1		
	VLV0015006	BYPASS VALVE SPOOL	1		
9	F 0000169	COMPRESSION SPRING	1		
10	VLV0015005	SPOOL SPRING GUIDE	1		
11	HYD3249044	1/2 O-RING X 1/2 NPT MALE ADAP	2		
12	VLV5081812	SOL. VLV & CART. FOR TNS. CTRL	1		
13	SOL0320617	SOLENOID F/ VLV5081812	1		
14	VLV5081812	VALVE CARTRIDGE F/ VLV5081812	1		
15	VLV0022295	TENSION SOLENOID VLV BODY	1		
16	NCH0000375	3/8 NC HEX NUT PLTD	1		
17	HYD7629040	1/2" DIAMETER O-RING	1		
18	TBE0023712	TENSION VALVE BY-PASS TUBE	1		
19	VLV0000027	RELIEF VALVE-2150#-STEEL BODY	1		
20	HYD3109042	1/2 X 1/4 STEEL PIPE BUSHING	2		
21	HYD3759020	1/4 NPT STEEL MALE RUN TEE	1		
22	FT 0000220	3/8 JIC X 1/4 NPT MALE BR TEE	1		
23	FT 0000219	3/8 JIC X 1/4 NPT MALE CONN	1		
24	HOS0023455	HOSE-FEED MOTOR CASE DRAIN	1		
25	HYD5205022	1/4 JIC X 1/4 NPT MALE CONN	1		
26	F 0006638	3/8 JIC X 1/4 NPT 90 MALE ELBOW	1		
27	TBE0023718	FRT TENSION PRESSURE TUBE	1		
28	VLV0000028	VALVE-CARTRIDGE	1		
29	VLV0002005	1/2" BALL VALVE-20003 STEEL BODY	1		
30	HYD3069040	1/2" NPT STEEL HEX NIPPLE	1		
31	HYD3159020	1/4 HEX HEAD STEEL PIPE PLUG	2		
32	HYD0011086	1/2 TO 3/8 PIPE ADAPTER	1		
33	VLV0000708	1/2" CHECK VALVE	1		
34	HYD3709040	1/2 STEEL FEMALE PIPE TEE	1		
35	HYD5755050	5/8 JIC X 1/2 NPT MALE RUN TEE	1		
36	TBE0023717	TUBE-FRONT TENSION RETURN	1		
37	TBE0023711	TUBE-TENS SOLENOID BY-PASS	1		
38	HOS0023454	HOSE-TENSION VALVE RETURN	1		
39	F 0006673	3/8 JIC X 1/2 NPT 90 MALE ELBOW	1		
40	HYD3269044	1/2 O-RING X 1/2 NPT FEM ADAPT	1		
41	SCC0030001	3/8 X 3/4 NC HT CS-PLATED	1		
42	MNT0023389	TENSION CONTROL VALVE MOUNT	1		
43	SMS0000172	BOLT-1/4 X 3/4 NC WHIZ PLATED	2		
44	WLK0000375	3/8 MEDIUM LOCK WASHER, PLTD	2		
45	F 0006989	3/8 JIC X 1/2 O-RING ST THD CONN	1		
46	HYD3169005	1/16 SOCKET HD STEEL PIPE PLUG	3		
47	WCT0000250	1/4 FLAT WASHER - PLTD	8		
48	WLK0000250	1/4 LOCK WASHER PLTD	2		
49	NCH0000250	1/4 NC HEX NUT PLTD	2		
50	SPC0023388	TENS CNTL VLV MNT SPACER	1		
51	WCT0000375	3/8 FLAT WASHER - PLTD	1		
	SAL000053	TENSION CONTROL VALVE ASSY. (INCLUDES REF. 2-6, 8-43, 45-49)			

TENSION UNLOADER VALVE / TENSION CYLINDERS ASSEMBLY

FIG 1-52



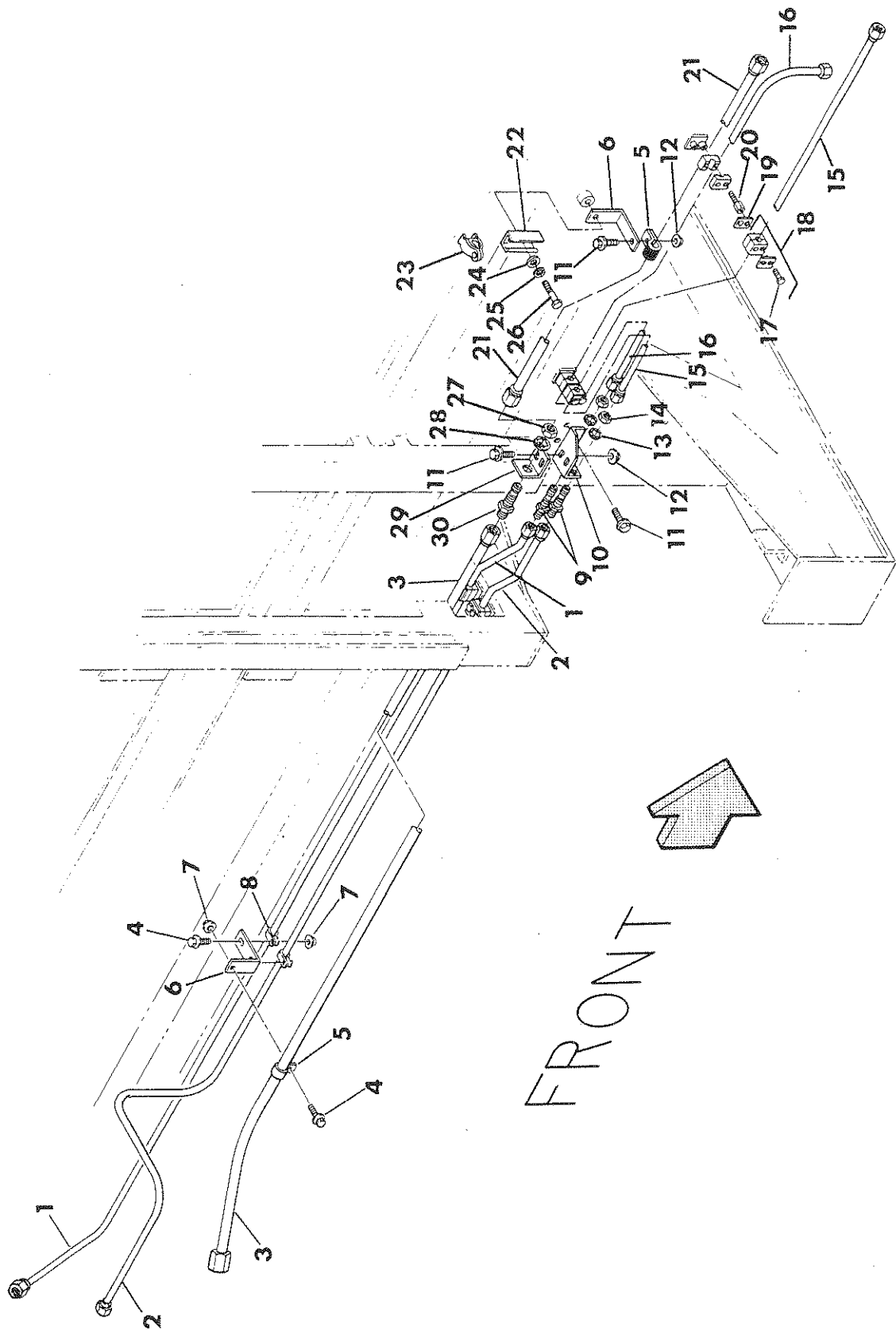
TENSION UNLOADER VALVE / TENSION CYLINDERS ASSEMBLY

FIGURE 1-52

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	TBE0023714	TUBE-REAR TENSION PRESSURE	1		
2	TBE0023715	TUBE-REAR TENSION RETURN	1		
3	TBE0023716	TUBE-REAR TENSION PILOT	1		
4	HOS0023467	HOSE-ROD END BTM TNSN CYL	1		
5	HOS0023466	HOSE-BASE END BTM TNS CYL	1		
6	HYD5605060	TEE-3/4M BCH. X 12M JIC 12M JIC	4		
7	CYL0TC3516	CYLINDER-TC 3.5 X 16-MODIFIED	2		
8	HOS0020947	HOSE-TC STYLE TEN CYL AFT/2-87	1		
9	HOS0020948	HOSE-TC STYLE TEN CYL AFT/2-87	1		
10	HYD5405060	3/4 JIC X 3/4 NPT 90 MALE ELBOW	4		
11	CYL00TC408	CYLINDER-TC 4 X 8-MODIFIED	2		
12	HOS0015761	HOSE-TNSN CONTROL CYL-49.5	1		
13	HOS0015762	HOSE-TNSN CONTROL CYL-42	1		
14	HOS0023464	HOSE-BASE END RH TNSN CYL	1		
15	HOS0023465	HOSE-ROD END RH TENSION CYL	1		
16	WLKM100120	WASHER-LOCK M12-SPRINGD 127A	2		
17	SCCM112065	BOLT-12M X 65M MC HEX HD CS-PLT-8.8	2		

TENSION CONTROL TUBES ASSEMBLY

FIG 1-53



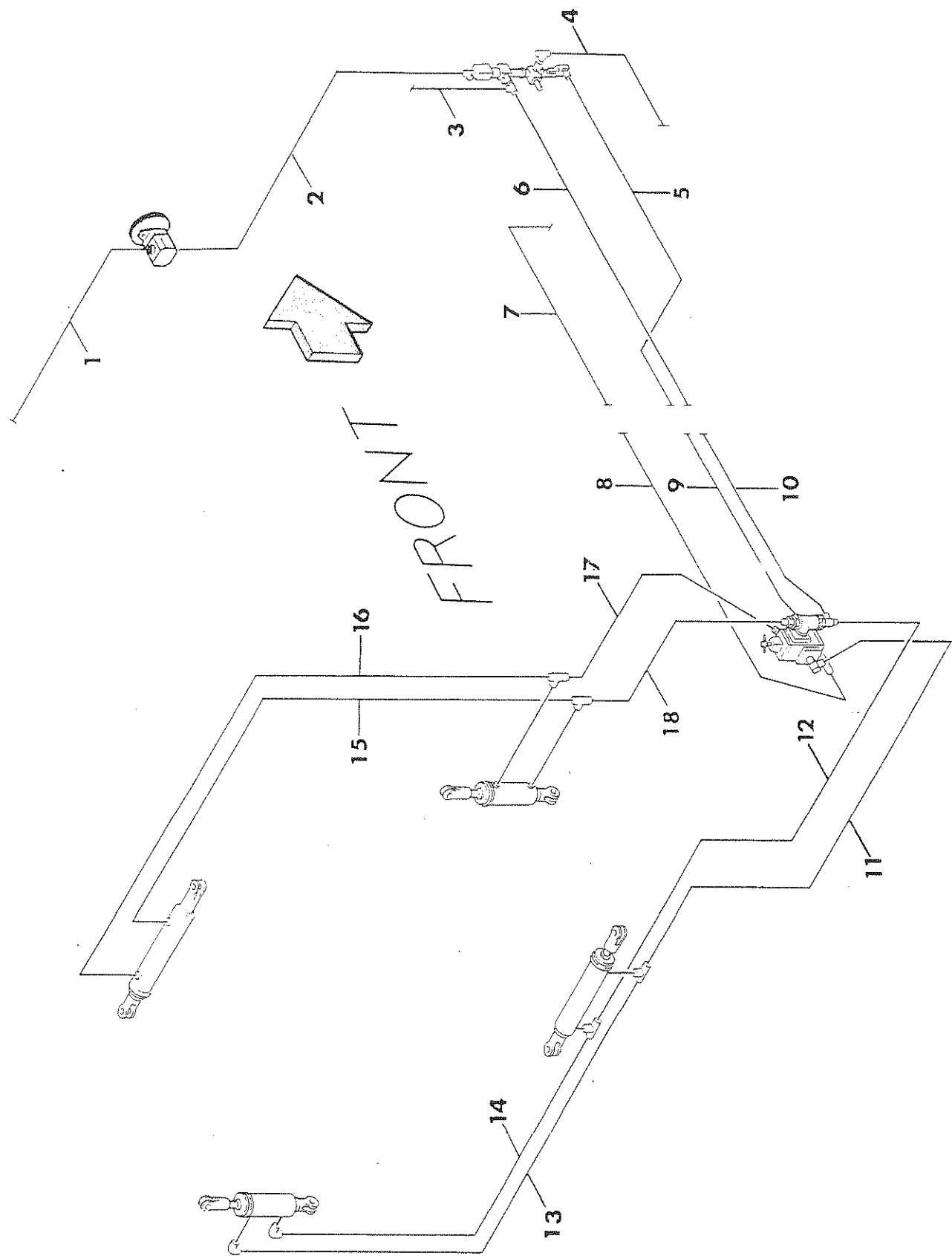
TENSION CONTROL TUBES ASSEMBLY

FIGURE 1-53

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	TBE0023716	TUBE-REAR TENSION PILOT	1		
2	TBE0023714	TUBE-REAR TENSION PRESSURE	1		
3	TBE0023715	TUBE-REAR TENSION RETURN	1		
4	SMS0000172	BOLT-1/4 X 3/4 NC WHIZ PLTD	3		
5	CLP7701158	HOSE CLAMP-.63 CLAMPING DIA.	2		
6	BKT0031949	TENSION RETURN TUBE ANCHOR BKT	2		
7	NMS0000250	NUT-1/4 NC FLG WHIZ	3		
8	CLP7701154	CLAMP-3/8 INSULATED HOSE 13/32	2		
9	HYD5325030	BULKHEAD UNION-3/8 JIC	2		
10	BKT0018160	BULKHEAD BRKT-3/8 TUB-1500	2		
11	SMS0000184	BOLT-5/16-18 X 3/4 FLG WHIZ	5		
12	NMS0000117	NUT-5/16 NC FLG WHIZ LOCK	3		
13	WIS0005625	WASHER-9/16 INTERNAL STAR PLT	2		
14	HYD5924030	BULKHEAD NUT-3/8	2		
15	TBE0023718	TUBE-FRONT TENSION PRESSURE	1		
16	TBE0023719	TUBE-FRONT TENSION PILOT	1		
17	SCC0010003	1/4-20 X 1 1/4 GD5 HEX BOLT	8		
18	CLP0010951	CLAMP-HYCON HRIL 9.5-A-PP	6		
19	PLT10951SP	SAFETY PLATE	2		
20	SMS10951SP	STACK BOLT HR-1-L-095-P-1-SB	4		
21	TBE0023717	TUBE-FRONT TENSION RETURN	1		
22	MNT002055	CHANNEL-MOUNTING	1		
23	CLP0100150	1 1/2 HYDRA 20RB HOSE CLAMP	1		
24	WCT0000375	WASHER-3/8 FLAT	1		
25	WLK0000375	WASHER-3/8 S/T LOCK	1		
26	SCC0030002	BOLT-3/8-16 X 1 GD 5 HEX	1		
27	HYD5924050	BULKHEAD NUT-5/8	1		
28	WIS0007500	WASHER-3/4 INT STAR	1		
29	BKT0018013	BULKHEAD BRKT-5/8 TUB-1500	1		
30	HYD5325050	BULKHEAD UNION-5/8 JIC	1		

TENSION SYSTEM HOSES ASSEMBLY

FIG 1-54



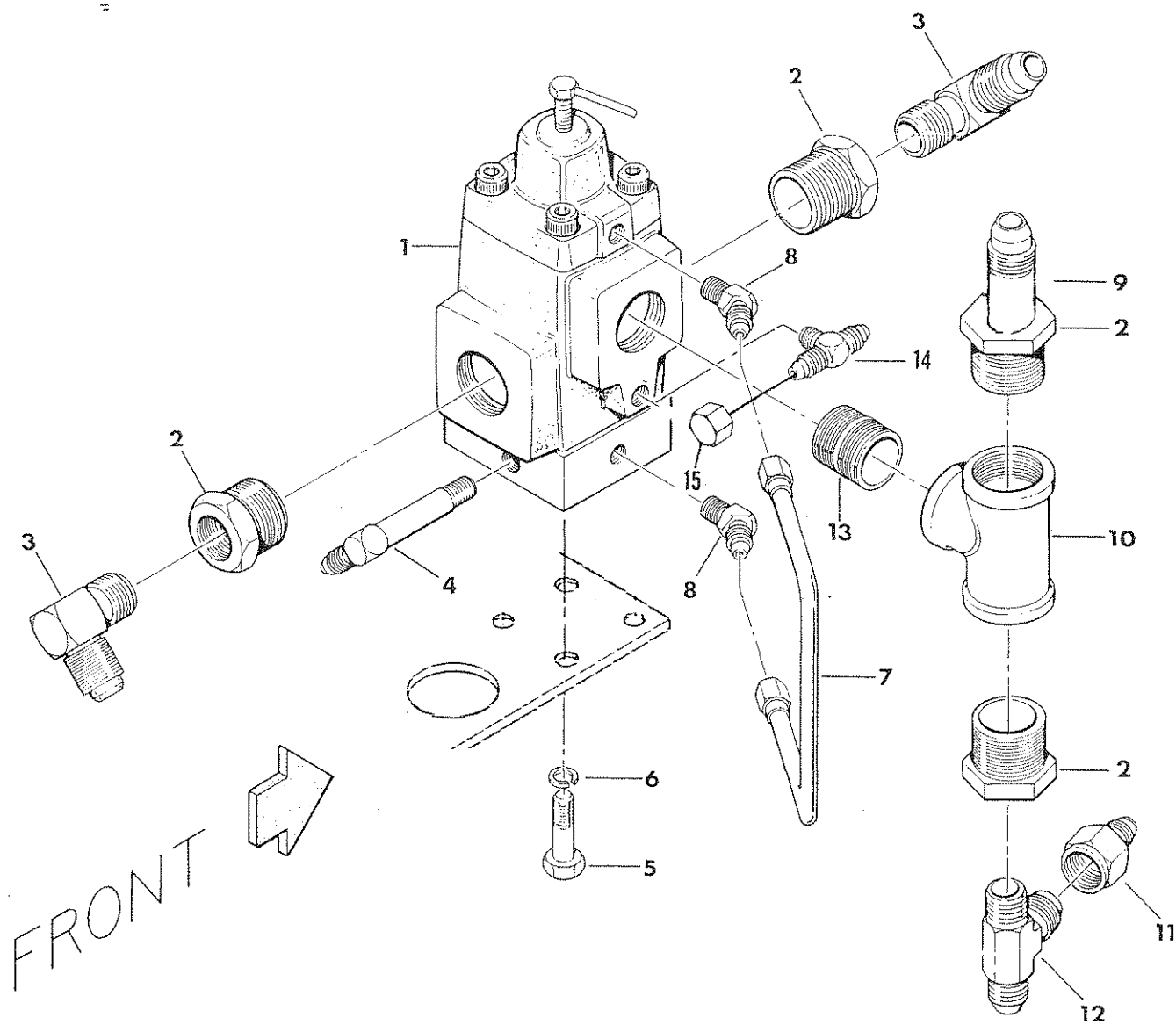
TENSION SYSTEM HOSES ASSEMBLY

FIGURE 1-54

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	HOS0023494	HOSE-TENSION PUMP SUCTION	1		
2	HOS0016655	HOSE-TENSION CONTROL PRESSURE	1		
3	HOS0025038	HOSE-1/2 X 29.5 O.A.L. HOSE AS	1		
4	HOS0023455	HOSE-FEED MOTOR CASE DRAIN	1		
5	TBE0023718	TUBE-FRONT TENSION PRES.	1		
6	TBE0023717	TUBE-FRONT TENSION RETURN	1		
7	TBE0023719	TUBE-FRONT TENSION PILOT	1		
8	TBE0023716	TUBE-REAR TENSION PILOT	1		
9	TBE0023714	TUBE-REAR TENSION PRESSURE	1		
10	TBE0023715	TUBE-REAR TENSION RETURN	1		
11	HOS0023467	HOSE-ROD END BTM TNSN CYL	1		
12	HOS0023466	HOSE-BASE END BTM TNS CYL	1		
13	HOS0020947	HOSE-TC STYLE TEN CYL AFT/2-87	1		
14	HOS0020948	HOSE-TC STYLE TEN CYL AFT/2-87	1		
15	HOS0015762	HOSE-TNSN CONTROL CYL-42	1		
16	HOS0015761	HOSE-TNSN CONTROL CYL-49.5	1		
17	HOS0023465	HOSE-ROD END RH TENSION CYL	1		
18	HOS0023464	HOSE-BASE END RH TENSION CYL	1		

TENSION UNLOADER VALVE ASSEMBLY

FIG 1-55



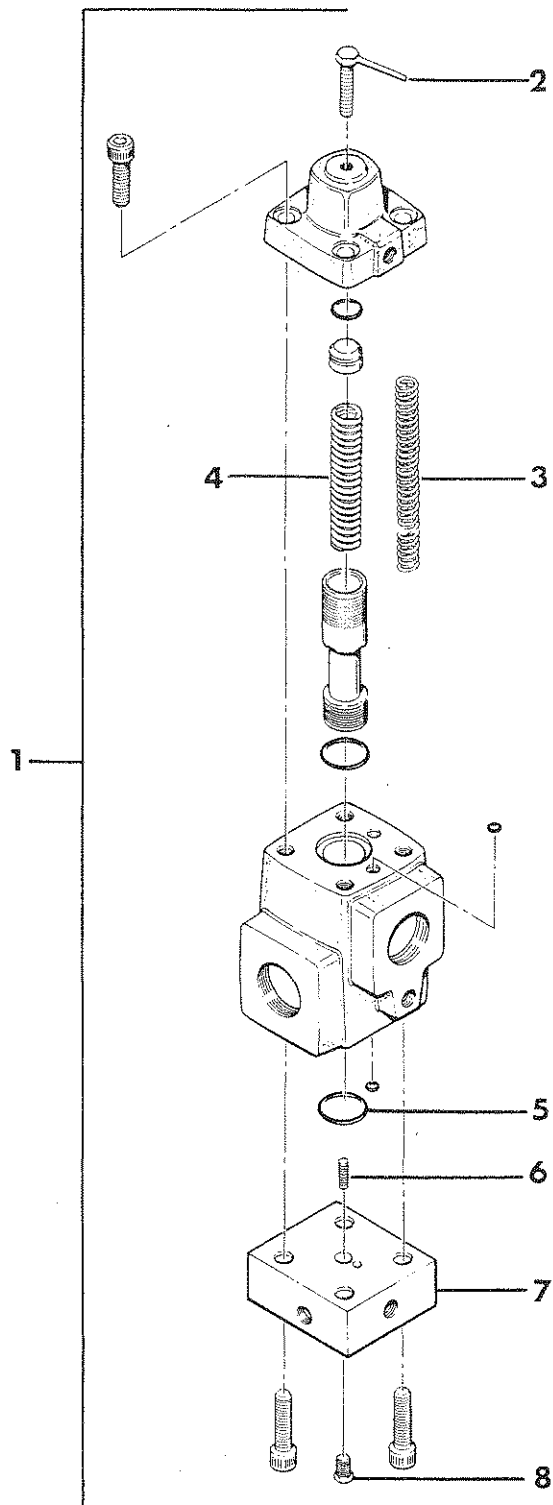
TENSION UNLOADER VALVE ASSEMBLY

FIGURE 1-55

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	VLV0104000	TENSION UNLOADER VALVE (BREAKDOWN FIG. 1-56)	1		
2	PPE1250750	1 1/4 X 3/4 STD BLK HEX BUSH	3		
3	HYD5405060	3/4 JIC X 3/4 NPT 90 MALE ELBOW	2		
4	HYD2501L65	3/8 JIC X 1/4 PIP 90 XXL ML ELBOW	1		
5	SCCM112065	12M X 65M MC HEX HD CS-PLT-8.8	2		
6	WLKM100120	WASHER-LOCK M12 SPRING D 127A	2		
7	TBE0024088	TENS UNLOADER VLV TRANSF TUBE	1		
8	HYD5355030	3/8 JIC X 1/4 NPT 45 MALE ELBOW	2		
9	HYD5205060	3/4 JIC X 3/4 NPT MALE CONN	1		
10	PPE0041250	1 1/4 STD BLK PIPE TEE	1		
11	HYD5015060	3/4 TO 5/8 JIC TUBE REDUCER	1		
12	HYD5755060	3/4 JIC X 3/4 NPT MALE RUN TEE	1		
13	PPE0012500	1 1/4 XCLO XH BLK PIPE NIPPLE	1		
14	FT 0000220	3/8 JIC X 1/4 NPT MALE BR TEE	1		
15	HYD5129030	3/8 JIC CAP	1		

UNLOADER VALVE COMPONENTS

FIG 1-56



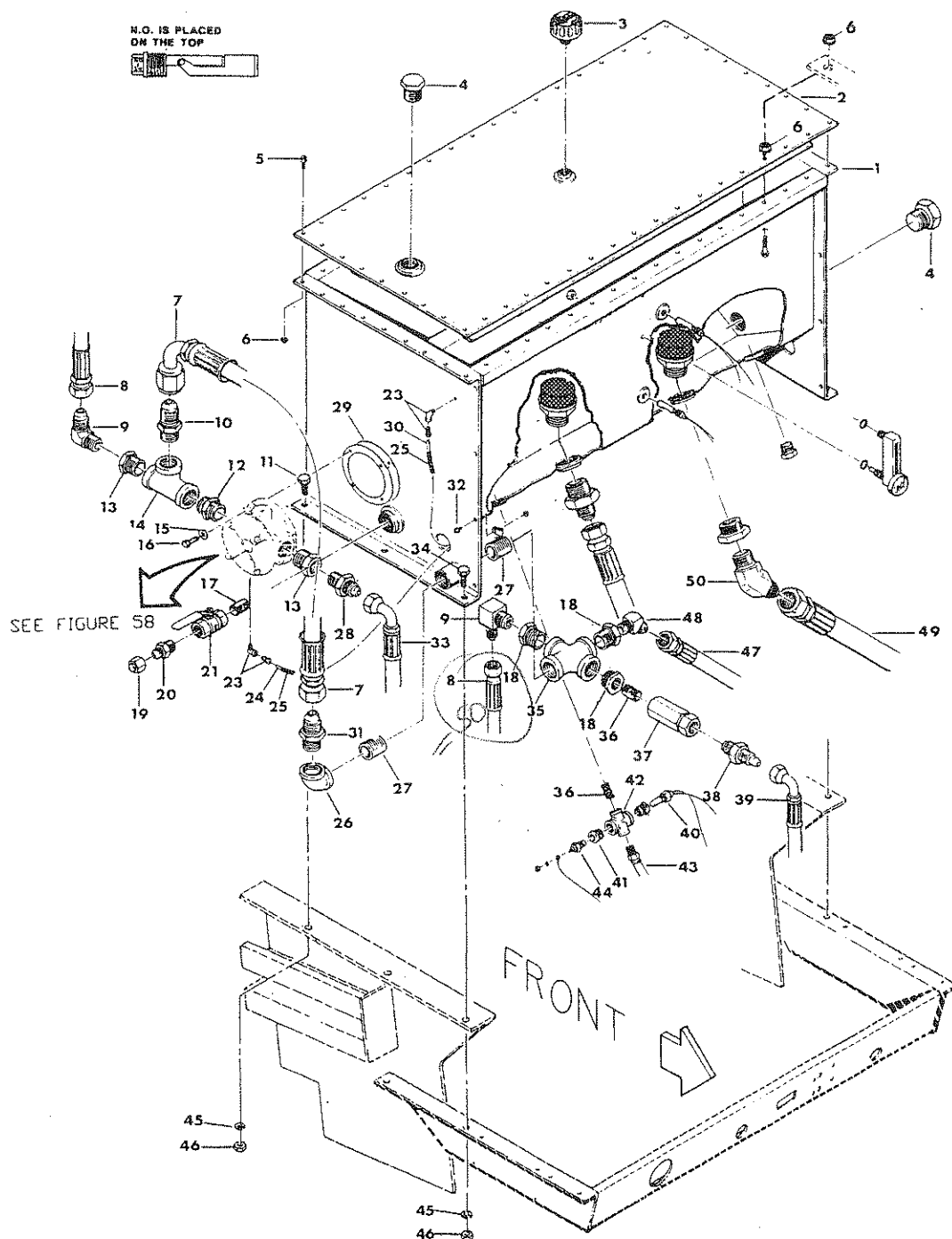
UNLOADER VALVE COMPONENTS

FIGURE 1-56

<u>REF. NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>SERIAL NO.</u>	<u>REMARKS</u>
1	VLV0104000	MANUAL TENSION UNLOADER VALVE	1		
2	VLV0024086	MANUAL ADJUSTMENT BOLT	1		
3	SPG0025617	UNLOADER VLV SECONDARY SPRING	1		
4	SPG0025616	UNLOADER VLV PRIMARY SPRING	1		
5	RNG2222V90	O-RING V894-90 VITON 90 DURO	1		
6	VLV0017225	UNLOADER VALVE PISTON	1		
7	VLV30138	UNLOADER VALVE PILOT HOUSING	1		
8	HYD3159010	1/8 HEX HEAD STEEL PIPE PLUG	1		
	SEL9511004	O-RING SEAL KIT F/YKN HT10C4			

RESERVOIR ASSEMBLY

Figure 1-57



RESERVOIR ASSEMBLY

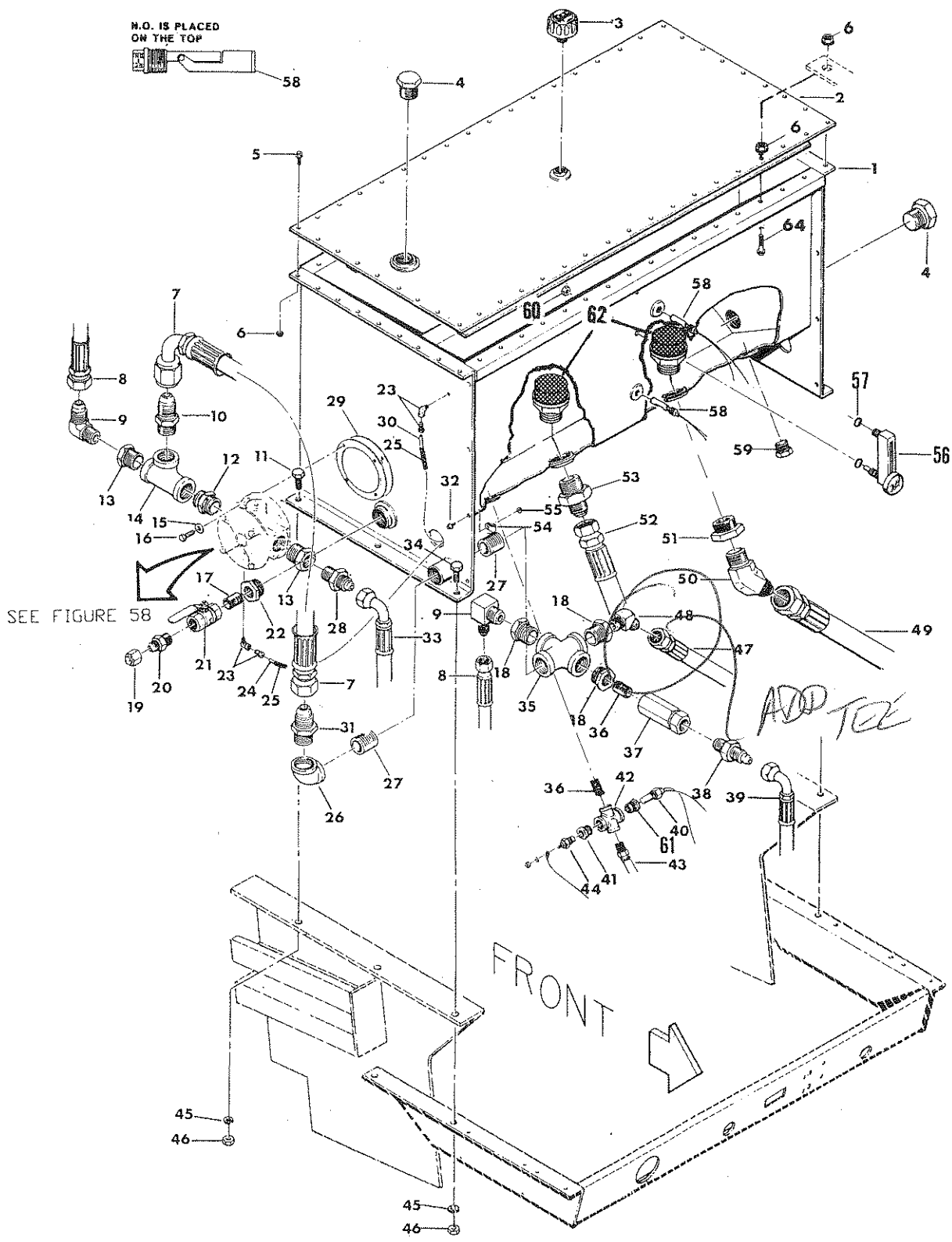
FIGURE 1-57

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	TNK0024743	TANK-HYDRAULIC OIL	1		
2	TNK0015455	COVER-HYDRAULIC TANK	1		
3	FIL1731101	BREATHER FILTER, HYD TANK	1		
4	HYD3159022	PIPE PLUG-1 1/2 HEX HEAD STEEL	2		
5	SMS0000177	BOLT-5/16-18 X 1 FLG. WHIZ PLATED	50		
6	NMS0000117	NUT-5/16 NC FLG WHIZ LOCK	52		
7	HOS0024955	HOSE - SYSTEM RETURN TO FILTER	1		
8	NHOS0023435	FEED KNOTTER MANIFOLD REIN HOS	2		
9	HYD5405060	12M JIC X 3/4 NPT 90 DEG	2		
10	HYD5205120	CONN-1 1/4 JIC X 1 1/2 NPT	1		
11	SCC0050003	BOLT-1/2-13 X 1 1/4 GR 5 HEX	2		
12	HYD3069081	NIPPLE-1 1/2 STEEL PIPE HEX	1		
13	HYD3109096	PIPE BUSHING-1 1/2 X 3/4 STEEL	2		
14	PPE0415300	TEE-1 1/2 BLK MALL 300#	1		
15	WAS0093781	WASHER-3/8 THREAD SEALING	4		
16	SCC0030004	BOLT-16 X 1 1/2 GD 5 HEX	4		
17	PPE0001000	1" CLOSE NIPPLE BLACK STEEL	1		
18	HYD3109086	PIPE BUSHING-1 1/4 X 3/4 STEEL	3		
19	HYD5129060	FITTING-CAP NUT #12F JIC	1		
20	F 0006675	12M JIC X 1M SY ADAPTER	1		
21	VLV0006001	VALVE-1" BALL BRASS	1		
22					REMOVE PPE1501000
23	F 0001441	CON-1/8 NPT M-1/4 NYLON TUBE	2		
24	F 0007400	TUBING-1/4 NYLAFLOW	A/R		
25	AO0000313	CONV. TUBING - 1/4" (SPECIFY LENGTH)	A/R		
26	PPE1259000	1 1/4 X 90 DEG BLACK ELBOW	1		
27	PPE0012500	PIPE NIPPLE-1 1/4 STEEL CLOSE	2		
28	HYD5205056	CONN-5/8 JIC X 3/4	1		
29	GSK0000RG4	GASKET	1		
30	PPE0750500	TUBING-1/4 NYLAFLOW	1		
31	HYD5205100	CONN-1 1/4 JIC X 1 1/4 NPT M	1		
32	SMS0000172	BOLT-1/4-20 X 3/4 FLG WHIZ	3		
33	HOS0025038	1/2 HOSE X 29.5 O.A.L. HOSE AS	1		
34	SCC0050004	BOLT-1/2-13 X 1 1/2 GD 5 HEX	4		
35	PPE0051125	CROSS-1 1/4 BLACK MALE PIPE	1		
36	PPE0000750	3/4 CLOSE NIPPLE BLACK STEEL	2		
37	VLV0075005	CHECK VALVE-3/4 X 5 LB	1		
38	HYD5205060	3/4 JIC X 3/4 NPT MALE CONN	1		
39	HOS0025040	3/4HOSEX31 O.A. STR JIC 3/4-90	1		
40	THM0018054	220F TEMP WIRING HARNESS	1		
41	PPE0750375	3/4 X 3/8 HEX BUSHING STEEL	1		
42	PPE0051750	3/4 ST CROSS BLACK	1		
43	HOS0023494	TENSION PUMP SUCTION HOSE	1		
44	ELC0000334	SENDING UNIT - HYD TEMP	1		
45	WLK0000500	1/2 LOCK WASHER, PLTD	6		
46	NCH0000500	1/2 NC HEX NUT PLTD	6		
47	HOS0016649	RETURN FEEDER VLV HSE B/86-A88	1		
48	HYD5355060	ELBOW-3/4 JIC X 3/4 NPT 45 M	1		
49	HOS0023488	SUNDSTRAND PUMP SUCTION HOSE	1		
50	HYD5355121	ELBOW-1 1/2 JIC X 1 1/2 NPT 45 M	1		

3/4 Tee Run

RESERVOIR ASSEMBLY - CONT.

FIG 1-57



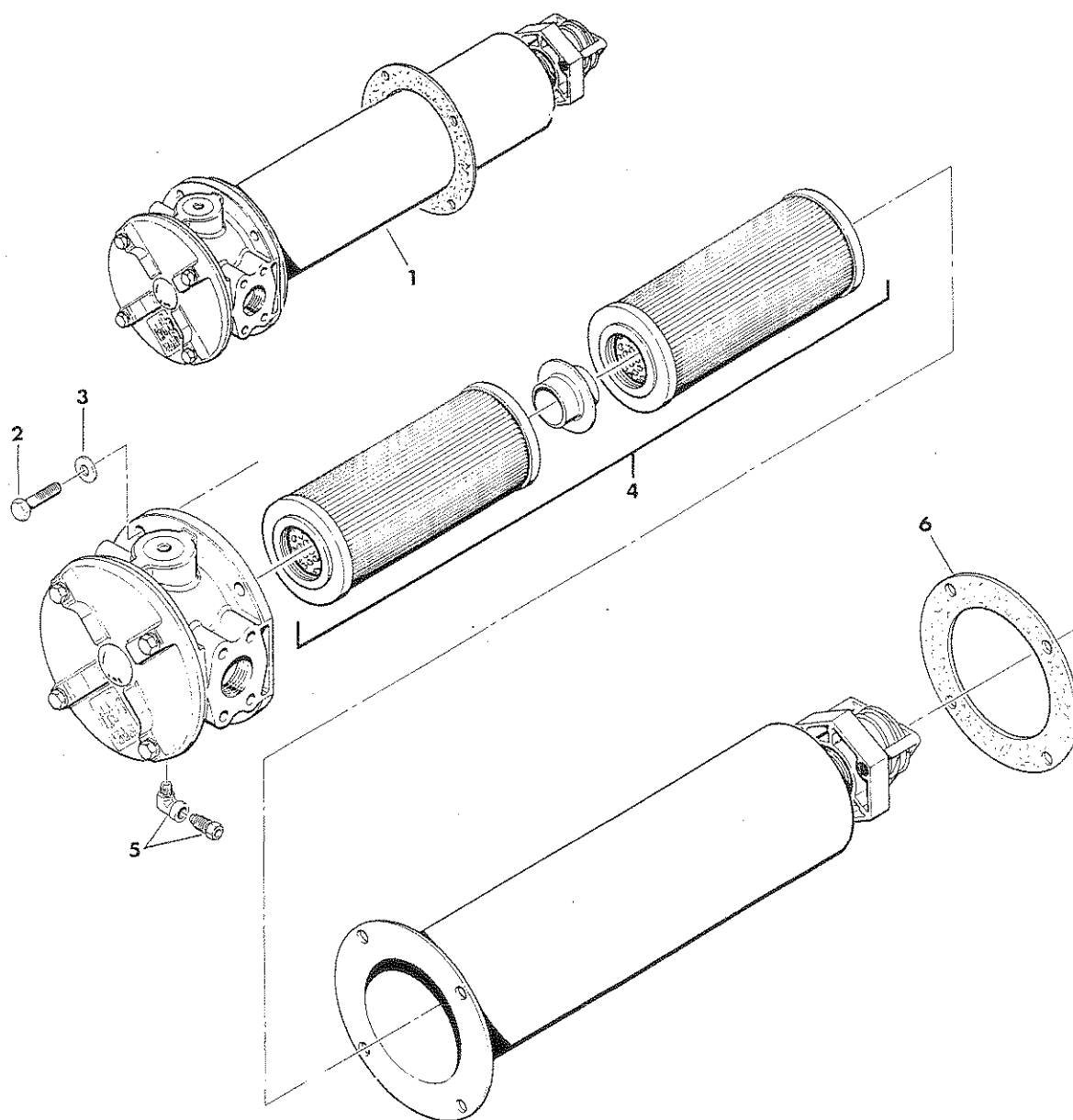
RESERVOIR ASSEMBLY (CON'T)

FIGURE 1-57

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
51	PPE2001500	BUSHING-2" M X 1 1/2 F HEX STEEL	1		
52	HOS0024972	WEBSTER PUMP SUCTION HOSE	1		
53	HYD5205092	CONN-1 1/2 JIC X 2 NPT M	1		
54	CLP0001111	CLAMP-5/8 W 11/32 HOLE VINYL	1		
55	NMS0000250	NUT-1/4 NC FLG WHIZ LOCK	3		
56	GAG0064051	GUAGE-THERMOMETER SIGHT			
		(INCLUDES REF. 57 & 63)	1		
57	RNG7629040	O-RING	2		
58	SWI1396024	SWITCH-LIQUID LEVEL	2		
59	HYD3159060	PIPE PLUG-3/4 HEX HEAD STEEL	1		
60	NFJ0005000	NUT-1/2 NF HEX JAM	2		
61	PPE0750500	3/4 X 1/2 HEX BUSHING STEEL	1		
62	SCR3001592	SCREEN-3" SUCTION	2		
63	BAF0030832	BAFFLE-HYD TANK (NOT SHOWN)	1		
64	SMS0000815	BOLT - 5/16 - 18 X 1 1/4 FLG WHIZ	2		

MAIN SYSTEM HYDRAULIC FILTER COMPONENTS

FIG 1-58



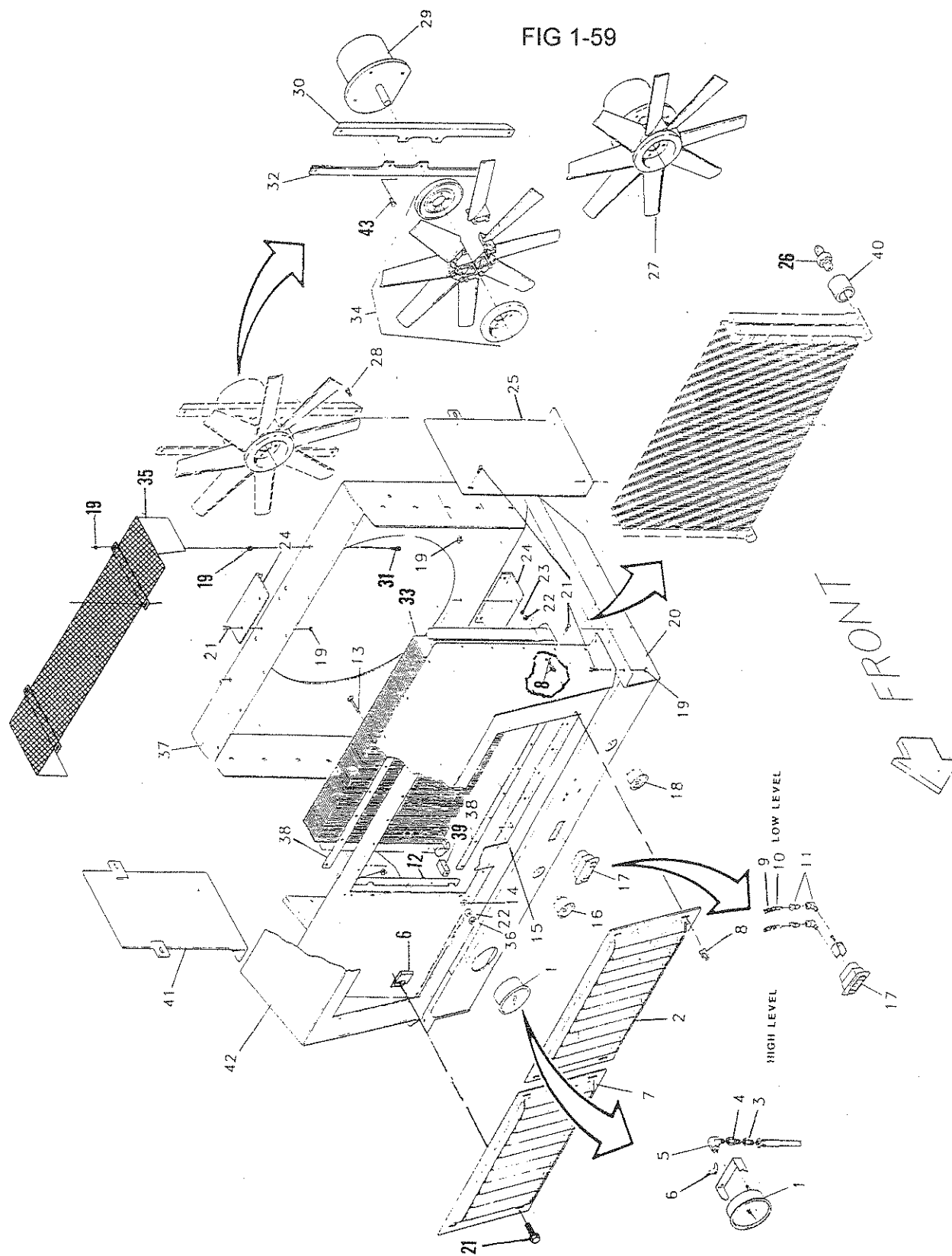
MAIN SYSTEM HYDRAULIC FILTER COMPONENTS

FIGURE 1-58

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	FIL0001592	FILTER - MAIN SYSTEM HYDRAULIC (INC. REF 4 & 6)			
2	SCC0030004	BOLT-3/8-16 X 1 1/2 NC HEX PLATED	4		
3	WAS0093781	THREAD SEALING WASHER	4		
4	KIT0003000	ELEMENT KIT (2 ELEMENTS AND CONNECTOR)	1		
	FIL0003000	SINGLE ELEMENT	1		
5	F 0001441	1/4 X 1/8 90 DEG ELBOW	1		
6	GSK0000RG4	GASKET	1		

OIL COOLING SYSTEMS AND GAUGE PANEL ASSEMBLIES

FIG 1-59



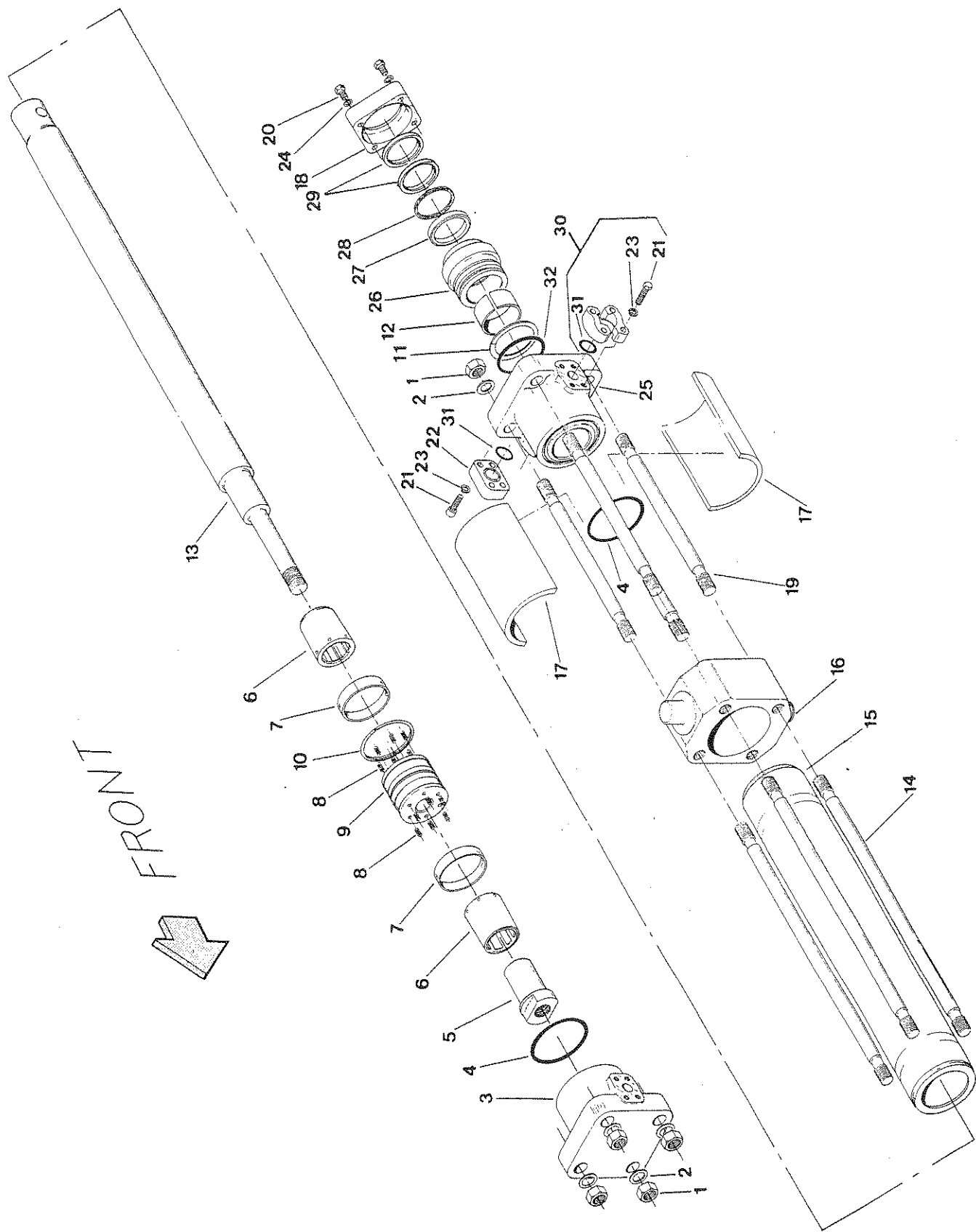
OIL COOLING SYSTEM AND GAUGE PANEL ASSEMBLIES

FIGURE 1-59

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	GAG2335010	GAUGE-LIQ FIL HYD-10,000 PSI-4"	1		
2	GRL0023379	OIL COOLER GRILL, LEFT	1		
3	HYD5255022	FITTING-1/4 F X 4M JIC SOLID STR.	1		
4	HYD0010000	PULSATION DAMPENER	1		
5	HYD3409020	STREET ELBOW-1/4 X 90	1		
6	CLP0411001	NUT-5/16 UCLIP	4		
7	GRL0023379	OIL COOLER GRILL, RIGHT	1		
8	FST0010401	MED DUTY FOLDING HANDLE FASTNR	2		
9	AO 0000313	LOOM-FLEX GUARD HI TEMP 1/4 ID (SPECIFY LENGTH)	A/R		
10	F 0007400	TUBING-1/4 NYLAFLOW-TYPEH (SPECIFY LENGTH)	A/R		
11	F 0001441	CON - 1/8 NPT M-1/4 NYLON TUBE	1		
12	SPC0023370	SPACER-HEAT EXCHANGER	2		
13	CRB3130225	BOLT-5/16-18 X 2 1/4 GD 5 CARRIAGE	4		
14	WCT0000313	WASHER-5/16 FLAT	4		
15	RIV0000604	POP RIVET-SS64D	26		
16	GAG0082112	GAUGE VOLTAGE METER 12V NEG	1		
17	HYD0162037	INDICATOR-REMOTE HYDRAULIC	1		
18	GAG0082115	GAUGE-OIL TEMP SW82-115	1		
19	NMS0000117	NUT-5/16 NC FLG WHIZ LOCK	27		
20	MNT0023349	OIL COOLER MOUNT	1		
21	SMS0000184	BOLT-5/16-18 X 3/4 FLANGE WHIZ	22		
22	NCH0000313	NUT-5/16 NC HEX	4		
23	WLK0000313	WASHER-5/16 S/T LOCK	4		
24	MNT0023349	OIL COOLER FAN MOUNT	2		
25	SHD0023373	LEFT FAN SHIELD	1		
26	F 0006675	12M JIC X 1M ST ADAPTER	2		
27	FAN5002147	FAN & MTR ASSY F/OIL COOLER	1		
28	SCC0020001	BOLT-5/16-18 X 3/4 GRADE 5 HEX	4		
29	FAN5000211	FAN MOTOR ONLY	1		
30	SUP0233770	LEFT OIL CLR FAN MTR MNT	1		
31	SMS0000177	WHIZ BOLT - 5/16 X 1	4		
32	SUP0233771	RIGHT OIL CLR FAN MTR MNT	1		
33	CLR21133S1	OIL COOLER	1		
34	FAN50000212	BLADE ASSY - COOLER FAN	1		
35	GRD0023386	GUARD-FAN OIL COOLER	1		
36	NCE0000313	5/16 NC ESNA NUT PLTD	4		
37	SHR0023371	OIL COOLER FAN SHROUD	1		
38	SPC0017429	SPACER-HEAT EXCHANGER	2		
39	CLR0002094	MOUNTING BLOCK-OIL COOLER	4		
40	STO0025075	FOAM PACKING-OIL COOLER	2		
41	SHD0023375	RIGHT FAN SHIELD	1		
42	SHR0023365	OIL COOLER SHIELD	1		
43	SMS0000181	WHIZ BOLT - 3/8 X 3/4	4		

PLUNGER CYLINDER COMPONENTS

FIG 1-60



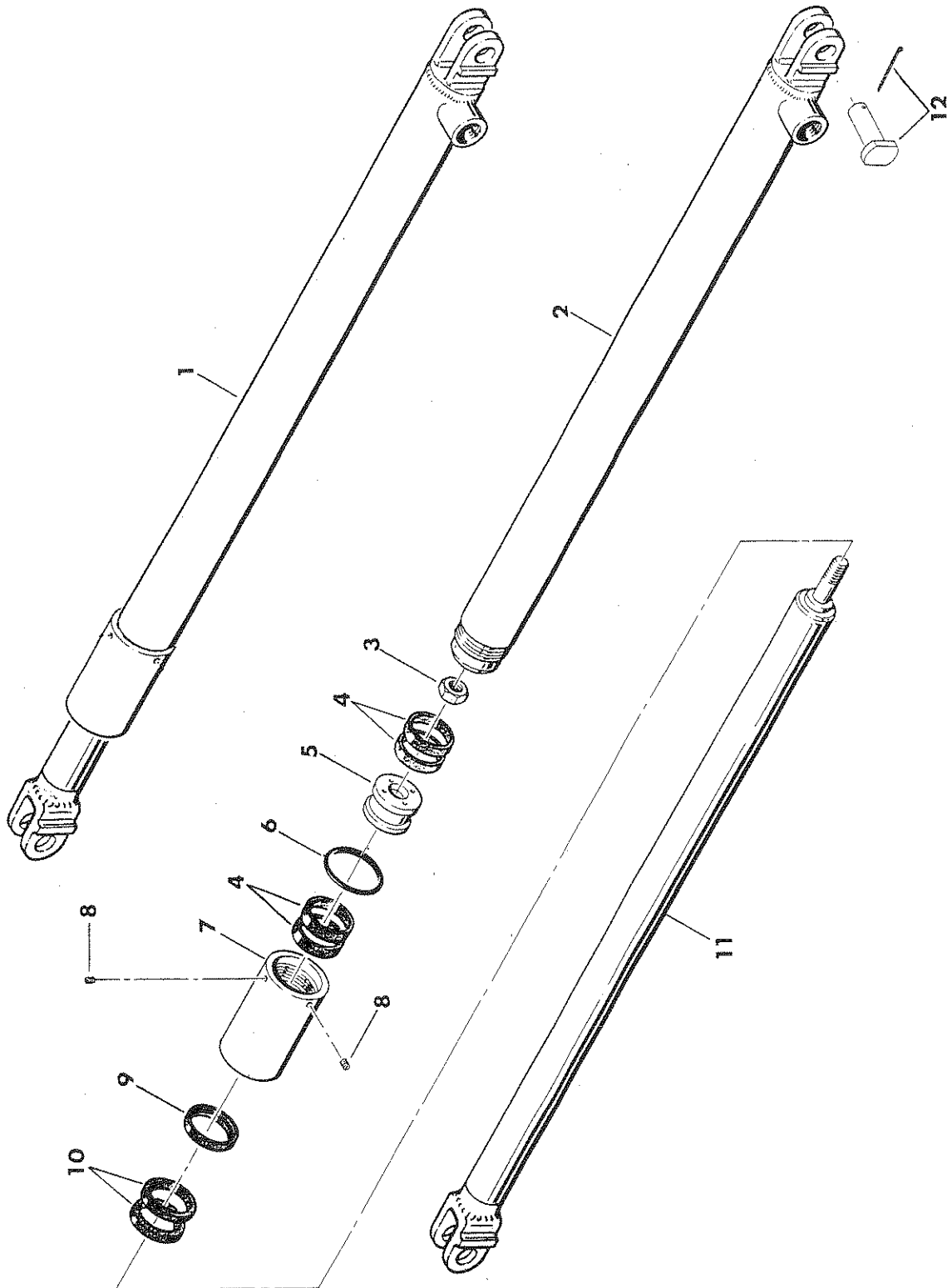
PLUNGER CYLINDER COMPONENTS

FIGURE 1-60

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	NFH0012600	1 1/4 NF HEX NUT GRADE 8	8		
2	WAS0028076	HARDENED WASHER	8		
3	CYL0023692	PLUNGER CYLINDER BASE	1		
4	RNG0002245	DURO POLYURETHANE O-RING	2		
5	CYL0023699	PLUNGER CYLINDER ROD NUT	1		
6	CYL0023695	PLUNGER CYLINDER CUSHION	2		
7	BRG3751125	3 3/4 ID X 1 X .125 HYDRO RING	2		
8	SPG0023737	PLUNGER CYLINDER SPRING	12		
9	CYL0023694	PLUNGER CYLINDER PISTON	1		
10	RNG0004914	PISTON RING	1		
11	RNG0008342	BACKUP RING	1		
12	BRG2752125	2 3/4 ID X 2 X .125 BUTT CUT RD BG	1		
13	ROD0023698	PLUNGER CYLINDER ROD	1		
14	CYL0017121	PLUNGER CYL BASE END TIE ROD	4		
15	CYL0023700	PLUNGER CYLINDER BARREL	1		
16	CYL0023701	PLUNGER CYLINDER TRUNION	1		
17	SPC0023696	PLUNGER CYLINDER TRUNION SPACER	2		
18	RET0023770	PLG CYL PACK GLAND RETAINER	1		
19	CYL0017120	PLUNGER CYL. ROD END TIE ROD	4		
20	SCC0050008	1/2 X 2 1/2 NC HT CS-PLATED	4		
21	SCC0040005	7/16 X 1 3/4 NC HT CS-PLATED	16		
22	FLG0001660	1" CODE 62 BLIND FLANGE	1		
23	WLK0004375	7/16 MEDIUM LOCK WASHER	16		
24	WAS0000104	1/2 A325 STRUCTURAL WASHER PLTD	4		
25	CYL0023690	PLUNGER CYLINDER HEAD	1		
26	CYL0023697	PLG CYL. ROD PACK GLAND	1		
27	SEL0001182	CYLINDER ROD SEAL	1		
28	FLT3125350	5/16 X 5/16 X 3 1/2 OD FELT RING	1		
29	WIP0110042	CYLINDER ROD WIPER	2		
30	FLG0001501	1" SPLIT FLG W/O-RING & BOLT KIT	3		
31	RNG0023420	O-RING V894-90 VITON 90 DURO	4		
32	RNG0023420	O-RING-2-342 VITON V894-90	1		
	CYL0001592	PLUNGER CYLINDER ASSEMBLY (INC. REF. 1-32)			
	SEL0001592	SEAL KIT-PLUNGER CYLINDER (INC. REF.)			

MAKE-UP CYLINDER COMPONENTS

FIG 1-61



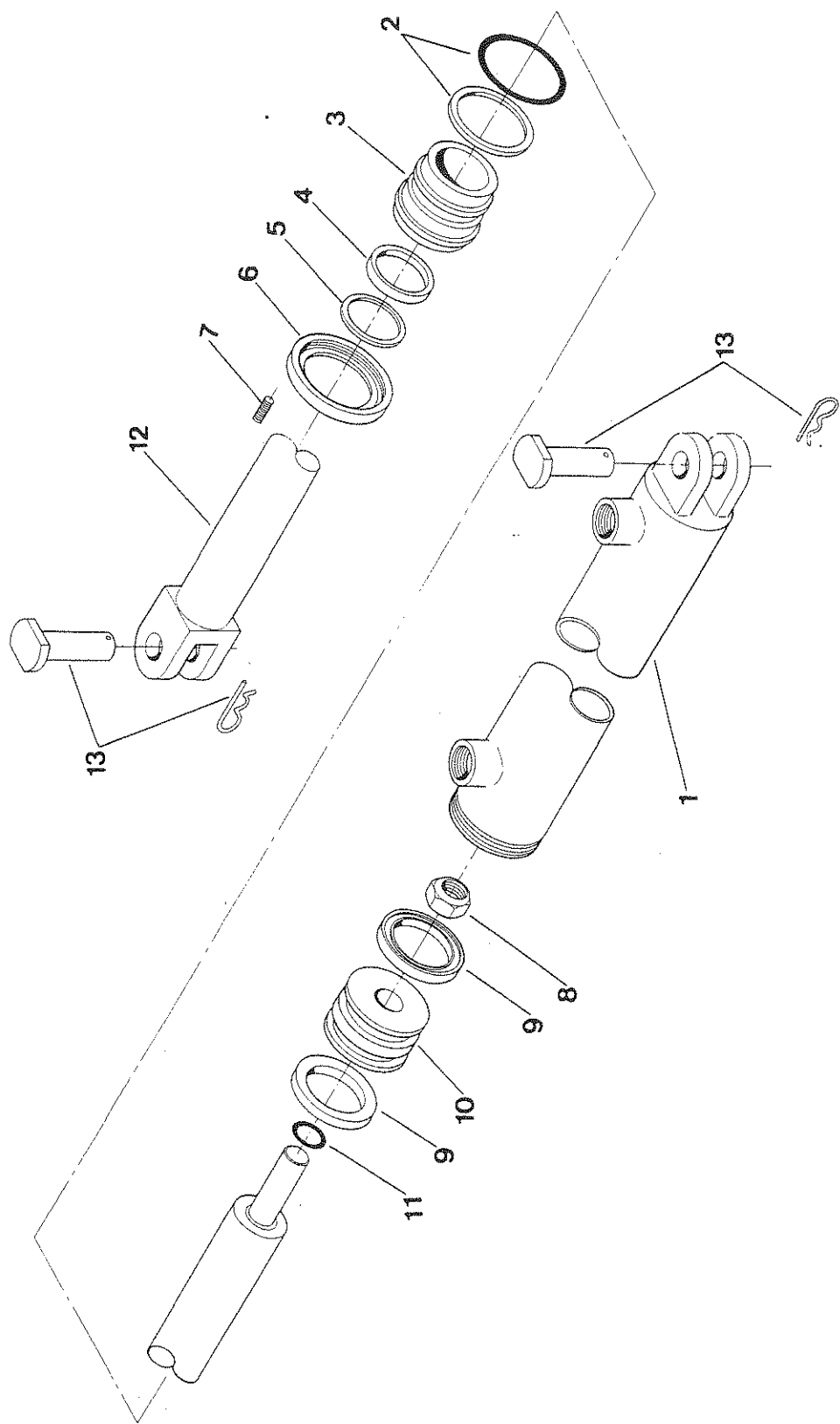
MAKEUP CYLINDER COMPONENTS

FIGURE 1-61

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	CYL0024785	MAKE-UP CYLINDER COMPLETE(INC. REF.2-12)	2		
2	CYL0024787	MAKE-UP CYLINDER BARREL	1		
3	NFX0000750	3/4" DEFORMED HEAD NUT	1		
4	RNG0030107	WEAR RING	4		
5	CYL0024789	MAKE-UP CYLINDER PISTON	1		
6	RNG0002230	O-RING	1		
7	CYL0024790	MAKE-UP CYLINDER HEAD	1		
8	STS2500250	1/4 X 1/4 NC SOCKET SET SCREW	2		
9	SEL0001143	ROD SEAL	1		
10	WIP0110023	ROD WIPER	2		
11	ROD0024786	MAKE-UP CYLINDER ROD	1		
12	HYP FA22-P	CLEVIS PIN AND COTTER PIN	1		
	SEL0024785	SEAL KIT-MAKE-UP CYLINDER (INCLUDES REF. 4,6,9,&10)			

TOP AND BOTTOM TENSION CYLINDER COMPONENTS

FIG 1-62



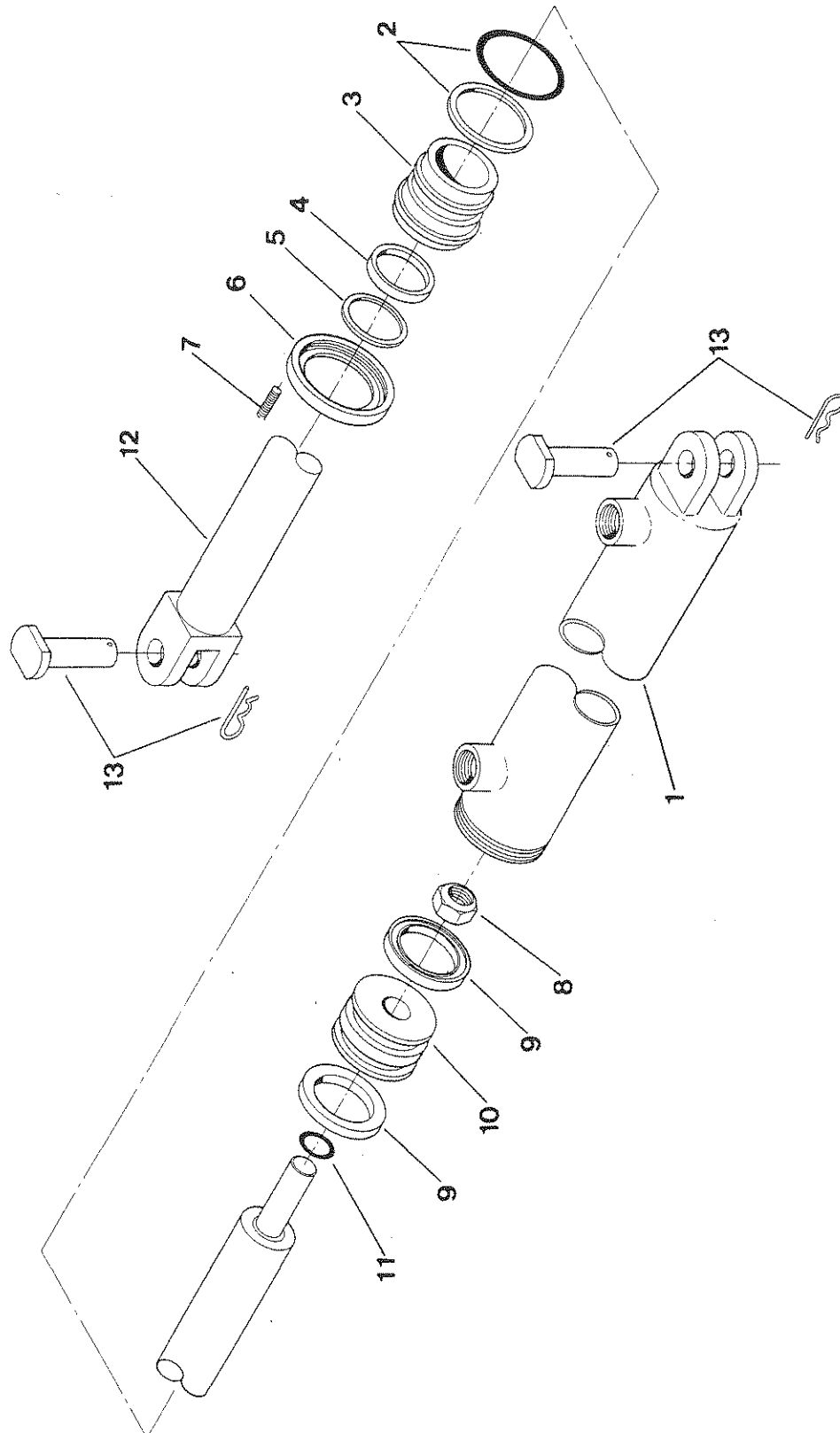
TOP AND BOTTOM TENSION CYLINDER COMPONENTS

FIGURE 1-62

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	TC 000035C	TUBE ASSEMBLY	1		
2	TC 0000350	HEAD O-RING ASSEMBLY	1		
3	TC 000035E	HEAD	1		
4	TC 00035US	SHAFT PACKING	1		
5	TC 00035RW	ROD WIPER	1		
6	TC 00035EC	THREADED END CAP	1		
7	TC 00035SC	SET SCREW	1		
8	TC 000035N	PISTON LOCK NUT	1		
9	TC 00035UP	PISTON PACKING	1		
10	TC 000035V	PISTON	1		
11	TC 00035SO	SMALL O-RING	1		
12	TC 000035S	SHAFT ASSEMBLY	1		
13	TC 000035P	CLEVIS PIN	2		
	CYL0TC3516	TENSION CYLINDER ASSEMBLY (INCLUDES REF. 1-13)			
	SEL0TC3516	SEAL KIT-TENSION CYLINDER (INCLUDES REF. 2,4,5,9,&11)			

SIDE TENSION CYLINDER COMPONENTS

FIG 1-63



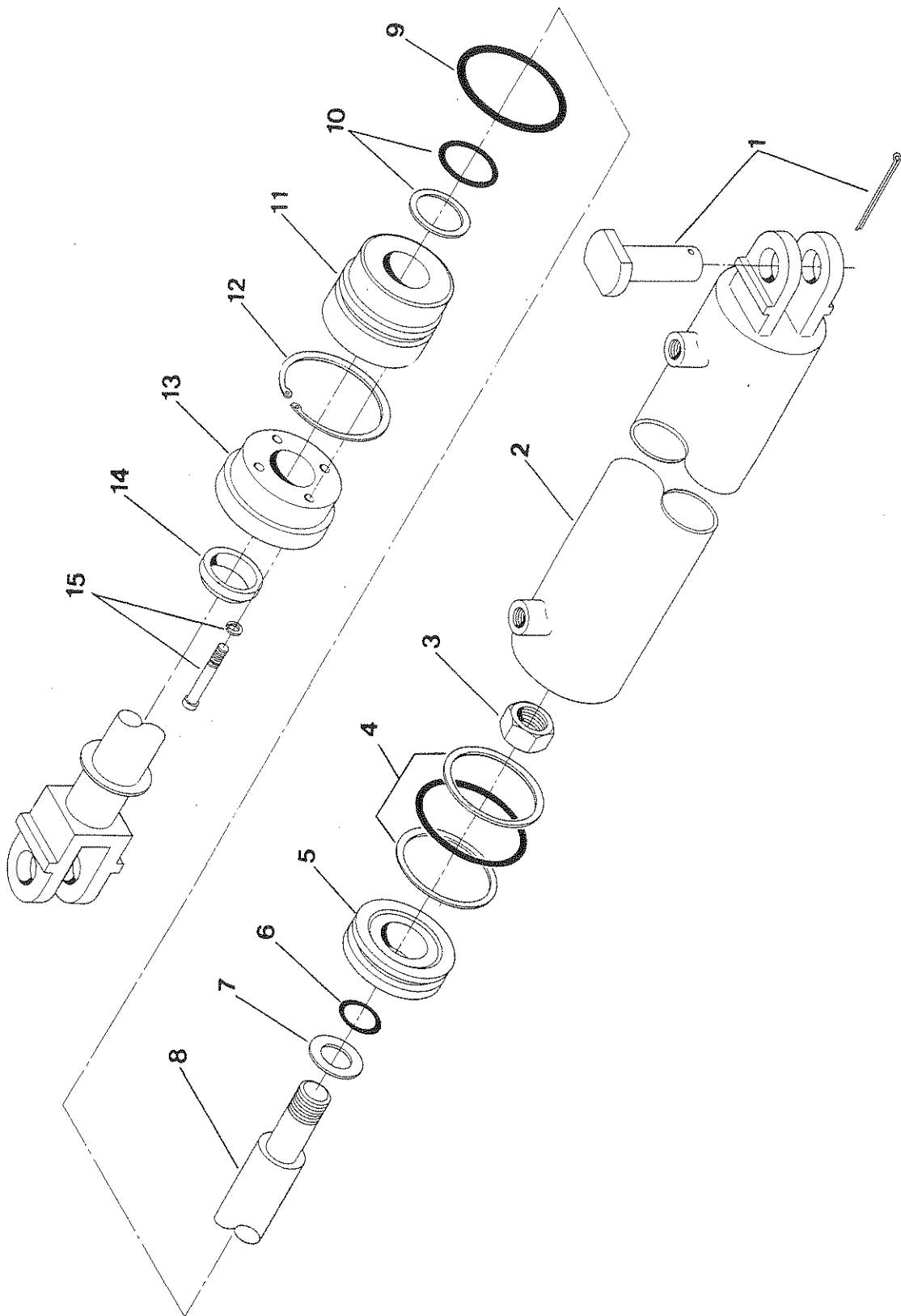
SIDE TENSION CYLINDER COMPONENTS

FIGURE 1-63

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	TC 000004C	TUBE ASSEMBLY	1		
2	TC 000004O	HEAD O-RING ASSEMBLY	1		
3	TC 000004E	HEAD	1		
4	TC 00004US	SHAFT PACKING	1		
5	TC 00004RW	ROD WIPER	1		
6	TC 00004EC	THREADED END CAP	1		
7	TC 00004SC	SET SCREW	1		
8	TC 000004N	PISTON LOCK NUT	1		
9	TC 00004UP	PISTON PACKING	1		
10	TC 000004V	PISTON	1		
11	TC 00004SO	SMALL O-RING	1		
12	TC 000004S	SHAFT ASSEMBLY	1		
13	TC 000004P	CLEVIS PIN	2		
	CYL00TC408	TENSION CYLINDER ASSEMBLY (INCLUDES REF. 1-13)			
	SEL0000KT4	SEAL KIT-TENSION CYLINDER (INCLUDES REF. 2,4,5,9,&11)			

PICKUP LIFT CYLINDER COMPONENTS

FIG 1-64



PICKUP LIFT CYLINDER COMPONENTS

FIGURE 1-64

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	HYP000FA2P	CLEVIS PIN	2		
2	HYP0FA25-C	TUBE ASSEMBLY	1		
3	HYP000FA2N	PISTON LOCK NUT	1		
4	HYP00FA2P0	PISTON O-RING ASSEMBLY	1		
5	HYP000FA2V	PISTON	1		
6	HYP00FA2SO	SMALL O-RING	1		
7	HYP000FA2M	STEEL WASHER	1		
8	HYP0FA25-S	SHAFT ASSEMBLY	1		
9	HYP000FA20	HEAD O-RING	1		
10	HYP00FA2US	SHAFT PACKING (SET)	1		
11	HYP000FA2E	HEAD	1		
12	HYP00FA2LR	HEAD LOCKING RING	1		
13	HYP000FA2G	PACKING CLAND	1		
14	HYP00FA2RW	ROD WIPER	1		
15	SCS1024075	10-24 X 3/4 NC SOCKET HEAD CS	4		
	F/CYL0000205	PICKUP LIFT CYLINDER (INCLUDES REF. 1-15)			
	SEL0001505	SEAL KIT-PICKUP LIFT CYLINDER (INCLUDES REF. 4,6,7,9, 10,12,&14)			

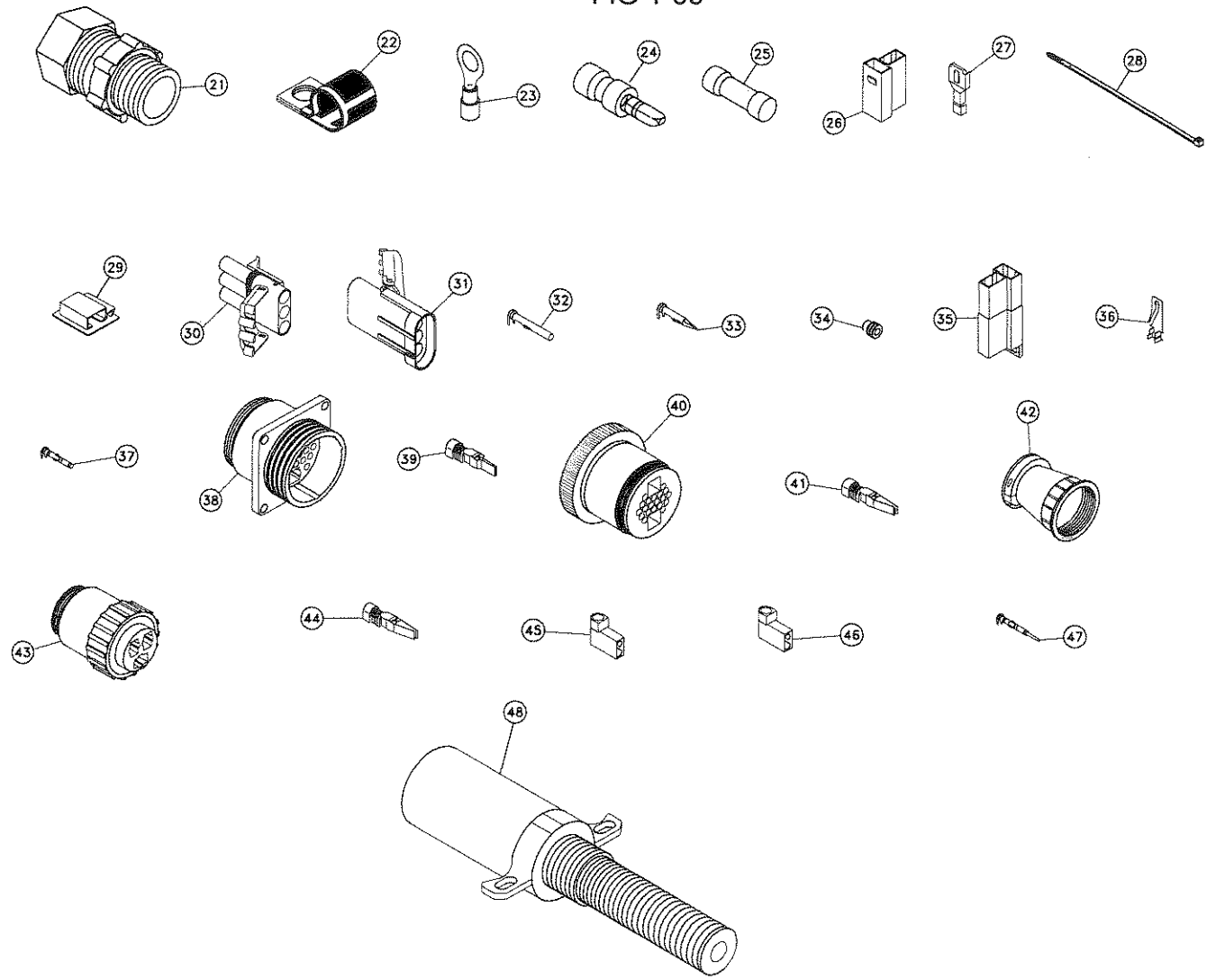
WIRE HARNESS LOCATIONS

FIGURE 1-65

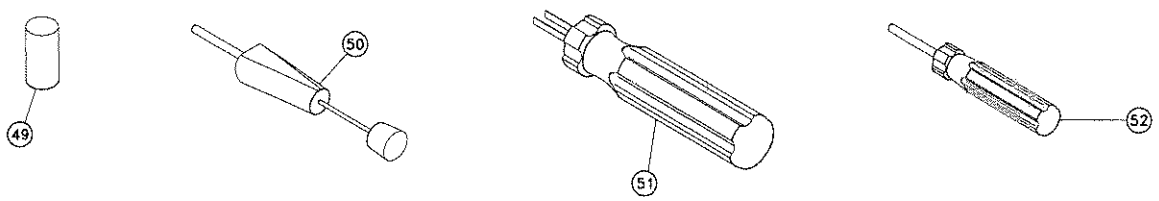
REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	HRN0505883	HARNESS - CAB EXTENSION	1		
2	HRN0505884	HARNESS - FRONT GUAGES	1		
3	HRN0505885	HARNESS - MAIN	1		
4	HRN0505886	HARNESS - KNOTTER/FEEDER	1		
5	HRN0505887	HARNESS - ALTERNATOR	1		
6	HRN0505888	HARNESS - CONTROLLER GROUND	1		
7	HRN0505889	HARNESS - BATTERY GROUND	1		
8	HRN0505671	HARNESS - LS2,3,5,7	4		
9	HRN0505913	HARNESS - LS1,11	2		
10	HRN0505892	HARNESS - LS4	1		
11	HRN0505893	HARNESS - LS12	1		
12	HRN0505672	HARNESS - KNOTTER VLV	1		
13	HRN0505666	HARNESS - FEEDER VLV	1		
14	HRN0505667	HARNESS - LS6	1		
15	HRN0505668	HARNESS - LS8	1		
16	HRN0505669	HARNESS - LS9	1		
17	HRN0505670	HARNESS - LS10	1		
18	ELC0505895	DIAGNOSTIC CONTROLLER	1		
19	ELC05058961	CONTROL PANEL (BREAKDOWN FIG 1-67)	1		
20	ELC0505640	BALER CONTROLLER (INCLUDES ITEMS BELOW)	1		
	ELC0505673	KNOB W/STUD & WASHER	2		
	KYS0505986026	KEY SET	1		ADD NEW ITEM
21	ELC0505646	MOUNT- BALER CONTROLLER	1		
22	SCC0010018	BOLT-14/-20 X 6 GR5 HEX	1		
23	NCE0000250	NUT - 1/4 LOCK	2		
	KIT0505638	KIT-CONTROL SYSTEM W/O CAB BOX (INCLUDES REF. 1 - 19)	1		

WIRE HARNESS LOCATIONS CONT.

FIG 1-65



TOOLS



WIRE HARNESS LOCATIONS (CONT')

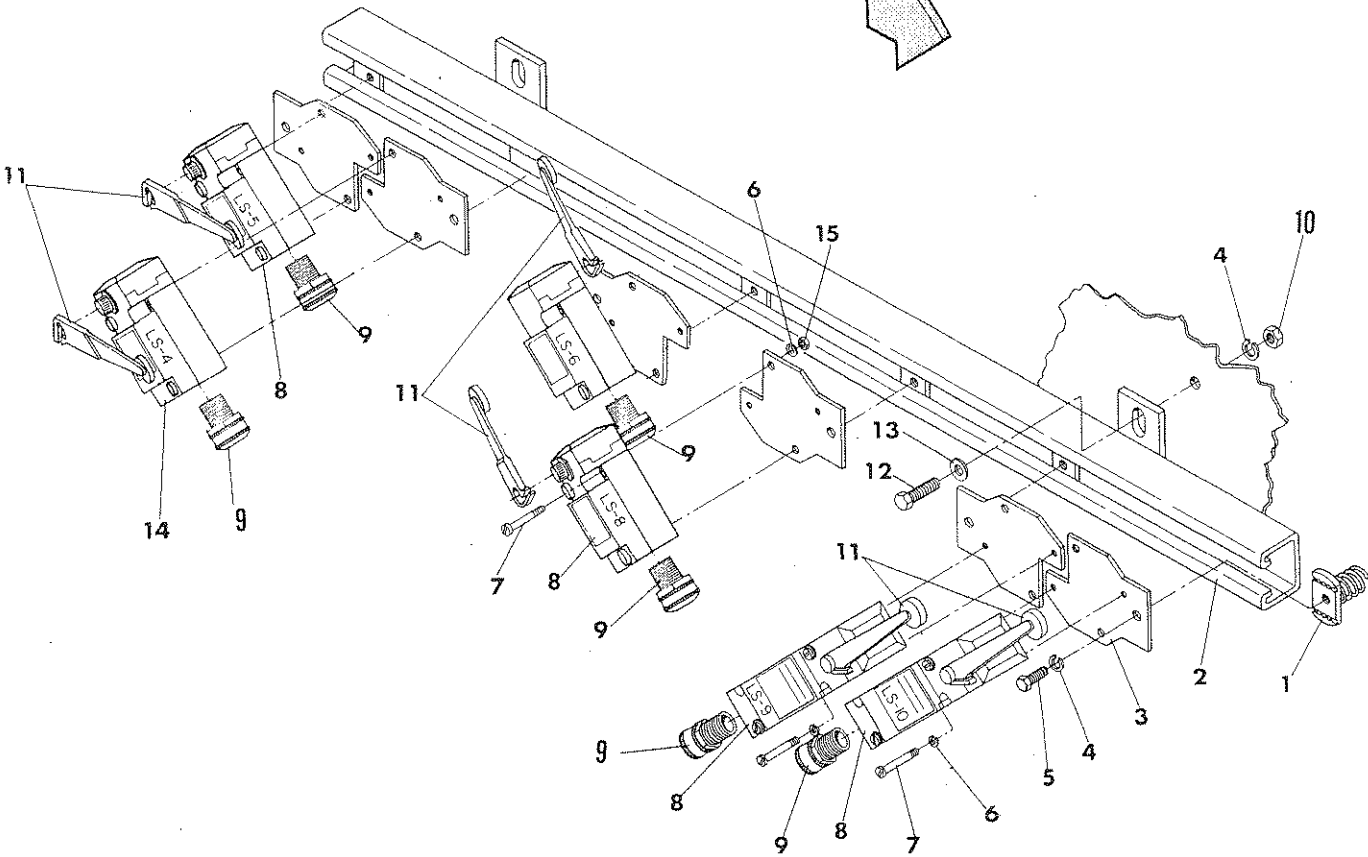
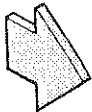
FIGURE 1-65

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
21	CNR0506648	CONNECTOR - 1/2 STRAIN RELIEF	A/R		
22	CLP7701164	CLAMP- 1 1/4	3		
	CLP0000125	CLAMP - 1	9		
	CLP0000123	CLAMP - 3/4	14		
	CLP0000131	CLAMP - 1/2	27		
	CLP0000711	CLAMP - 3/8	10		
23	TER0633839	TERMINAL-3/8 RING 12-10 GA.	A/R		
	TER0565630	TERMINAL-5/16 RING 16-14 GA.	A/R		
24	TER0004719	TERMINAL-.156 BULLET PLUG 16-14 GA.	A/R		
25	TER0004701	TERMINAL-.156 BULLET RECEP. 16-14 GA.	A/R		
26	CNR0059704	CONNECTOR - P-E 2973781	A/R		
27	TER0087359	TERMINAL - FEMALE 14-16 GA BRASS NP	A/R		
28	CBT5151250	NYTIE 15 1/2"	10		
	F0008290	NYTIE 7 1/2"	10		
	CBT00503159	NYTIE 30# X 5 1/2"	20		
29	CLP426113	3/4 ADHESIVE BACKED CLAMP	12		
30	CNR0114378	PLUG-3 CIRCUIT TOWER (MALE)	A/R		
	CNR0091344	4 TOWER	A/R		
	CNR0114379	PLUG-6 CIRCUIT TOWER (MALE)	A/R		
	CNR0505915	PLUG-4 CIRCUIT SQUARE TOWER	A/R		
	CNR0091349	PLUG-2 CIRCUIT TOWER	A/R		
31	CNR0114380	PLUG-3 CIRCUIT SHROUD (FEMALE)	A/R		
	CNR0079981	PLUG-4-WAY MALE #12010974	A/R		
	CNR0114381	PLUG-6 CIRCUIT SHROUD (FEMALE)	A/R		
	CNR0091348	PLUG-2 CIRCUIT SHROUD	A/R		
	CNR0505914	PLUG-4 CIRCUIT SQUARE SHROUD	A/R		
32	TER0087702	PIN-FEMALE TERMINAL	A/R		
33	TER0079982	TERMINAL - MALE #12010085	A/R		
34	TER0079983	SEAL - #12015359	A/R		
35	CNR0059705	CONNECTOR - P-E 2984883	A/R		
36	TER0087358	TERMINAL - MALE 14-16 GA. BRASS NP	A/R		
37	TER0087406	CONTACT - FEMALE (SOCKET) 18-14 GA.	A/R		
38	CNR0079988	RECEPTACLE - SQ. FLANGE #206613-1	A/R		
39	TER0079989	CONTACT - MALE #66259-4	A/R		
40	CNR0086672	PLUG	A/R		
	CNR0069384	RING-LOCKING #206251-1	A/R		
41	TER0087361	CONTACT-FEMALE W/SPRING 10-8 GA.	A/R		
42	CLP0087403	CLAMP-CABLE 15/16 20UNF	A/R		
43	CNR0087353	PLUG W/SOCKET CONTACTS SERIES 3	A/R		

PLUNGER LIMIT SWITCHES ASSEMBLY

FIG 1-66

FRONT



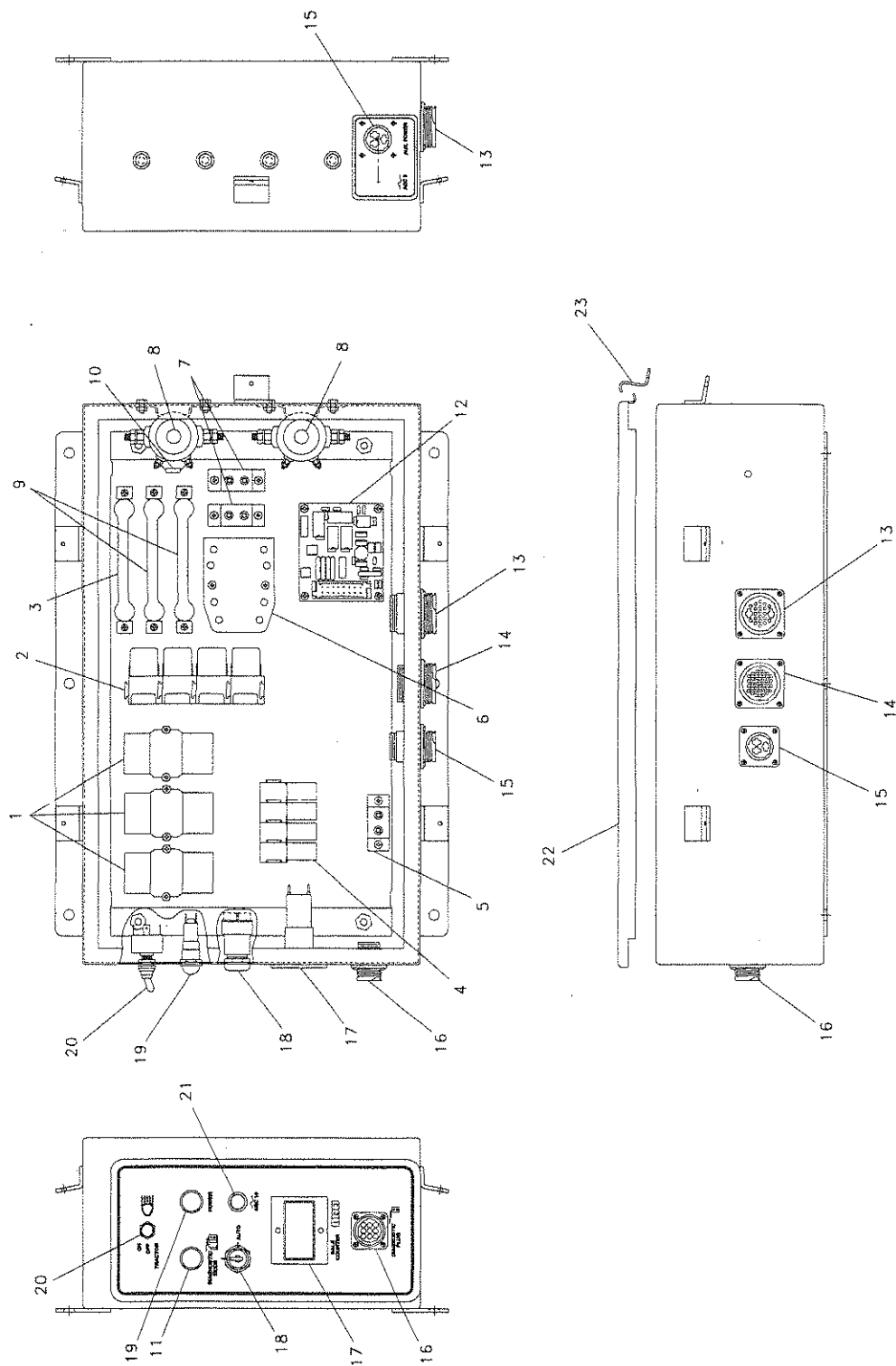
PLUNGER LIMIT SWITCHES ASSEMBLY

FIGURE 1-66

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	NMS0001007	NUT-UNISTRUT	6		
2	MNT0015827	PLGR SWITCH MTG CHNL ASB	1		
3	MNT0015823	PLUNGER SWITCH MOUNT	6		
4	WLK0000313	5/16 MEDIUM LOCK WASHER, PLTD	11		
5	SCC0020001	BOLT-5/16-18 X 1 GD5 HEX	4		
6	WLK0000100	LOCKWASHER - #10 PLTD	7		
7	SMR1032150	MACH SCREW-10-32 X 1 1/2 RH PLT	12		
8	SWI0005079	LIMIT SWITCH-4 POST	5		
9	CNR0000193	1/2 STRAIN RELIEF CONNECTOR	6		
10	NCH0000313	NUT-5/16 NC HEX	4		
11	ARM0005084	3" LEVER ARM W/ 3/4 ROLLER	6		
12	SCC0020002	BOLT-5/16-18 X 1 GD5 HEX	4		
13	WCT0000313	5/16 FLAT WASHER - PLTD	3		
14	SWI0005081	LIMIT SWITCH-8 POST	1		
15	NFH0001032	NUT-10-32 NF HEX	8		

CONTROL PANEL ASSEMBLY

FIG 1-67



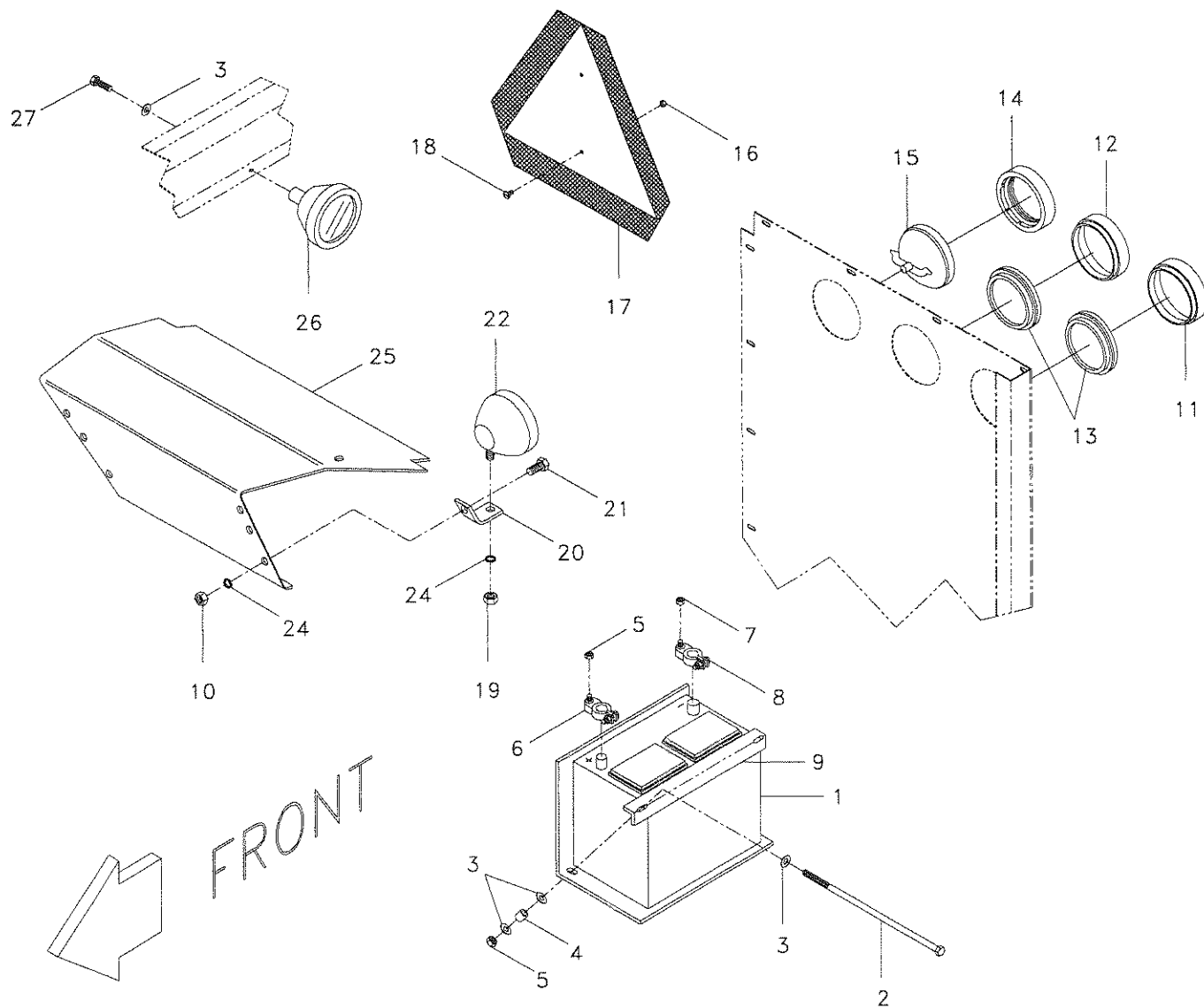
CONTROL PANEL ASSEMBLY

FIGURE 1-67

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	REL5058962	RELAY - LATCHING DPDT 12V 10AMP	3		
2	REL5058963	RELAY - 12V 40 AMP	4		
3	RES0045022	RESISTOR-VARIABLE 50 W 200 OHM	1		
4	REL5058966	RELAY - 12V 10 AMP	4		
5	CBR0005530	CIRCUIT BREAKER - 30 AMP	1		
6	REL5058968	RELAY - DPDT	1		
7	CBK0005540	CIRCUIT BREAKER - 40 AMP	1		
8	SOL0589610	SOLENOID - 12V 85 AMP	2		
9	RES0045019	RESISTOR-VARIABLE 50 W 100 OHM	2		
10	DI00589623	DIODE	1		
11	LIT0589618	BULB AND SOCKET - CLEAR LENS	1		
	LIT0589619	BULB	2		
12	LIT0589611	CIRCUIT BOARD - FAN REVERSER SEQUENCER	1		
13	CNR0079988	CONNECTOR - AMP 23-22	1		
14	CNR0589612	CONNECTOR AMP 23-37M	1		
15	CNR0589613	CONNECTOR AMP 17-3M	1		
16	CNR0589614	CONNECTOR 16F	1		
17	BC00011631	COUNTER - MECHANICAL FIVE DIGIT	1		
18	SWI0589616	KEY SWITCH - CONTROL PANEL	1		
	KEY505896026	KEY SET FOR 505986-016	1		
19	LIT0589617	BULB AND SOCKET - GREEN LENS	1		
20	SWI10589622	SWITCH - SPDT	1		
21	FUS0000025	FUSE HOLDER	1		
	FUS0000036	FUSE AGC 10	1		
22	CVR0589624	COVER - CONTROL PANEL	1		
23	CLP0589625	CLIP - CONTROL PANEL COVER	4		
	ELC5058961	CONTROL PANEL - COMPLETE ASS'Y			
	DOC5059081	SCHEMATIC - TEST POINT LOCATIONS - LOCATED INSIDE COVER			

BATTERY AND LIGHTS ASSEMBLY

Figure 1-68



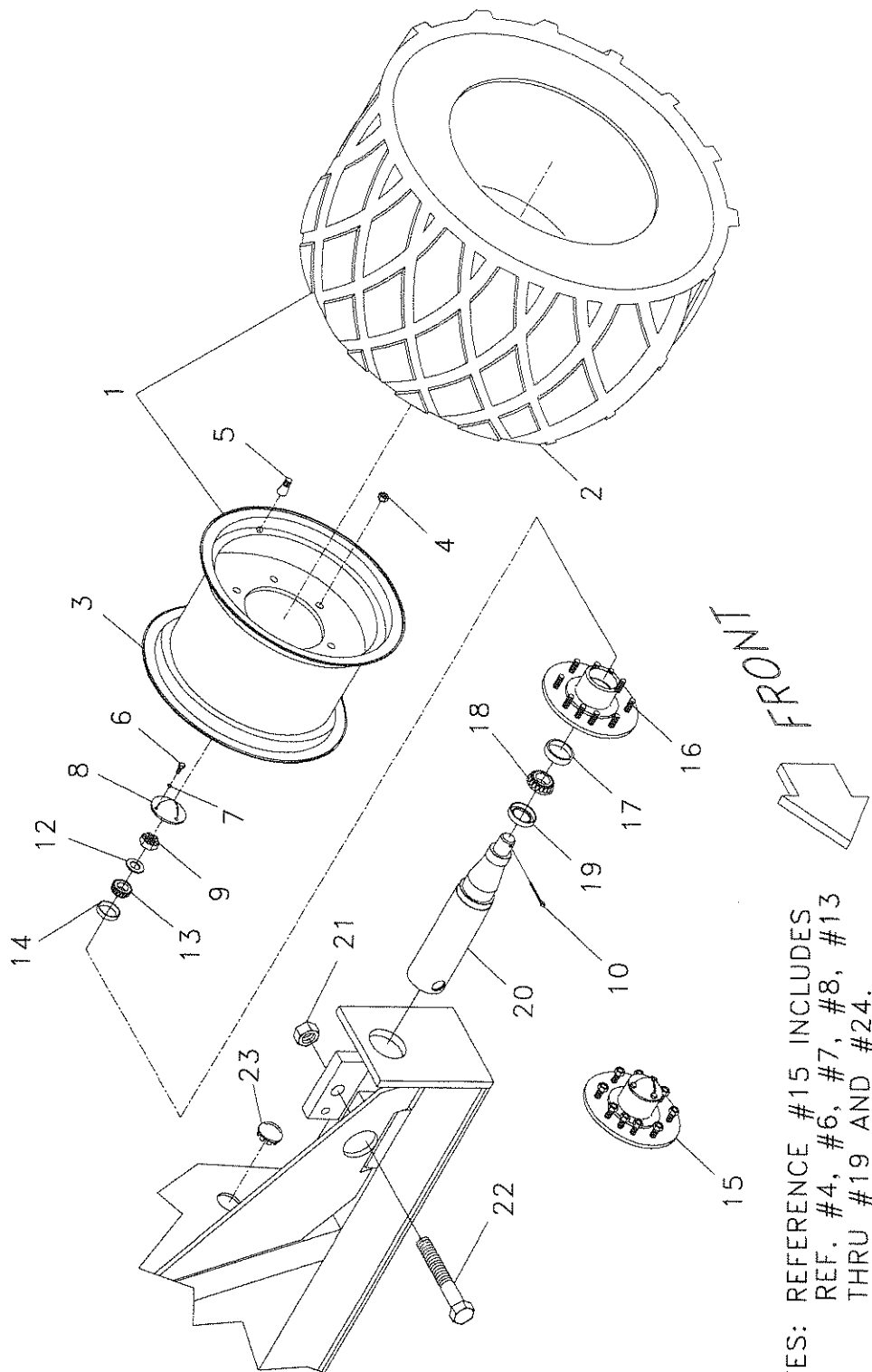
BATTERY AND LIGHTS ASSEMBLY

FIGURE 1-68

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	F 0006639	BATT. GROUP 24	1		
2	F 0006551	BOLT-3/8 NC X 12 GR5 HEX PLT	2		
3	WCT0000375	WASHER-3/8 FLAT	6		
4	F 0006328	GROMMET-BATTERY HOLD DOWN	2		
5	NCE0000375	LOCKNUT-3/8 NC NYLON INSERT PLTD	3		
6	BAT0000038	BATTERY TERMINAL-POS MARINE	1		
7	NCE0000313	5/16 NC ESNA NUT PLTD	1		
8	03-204	BATTERY TERMINAL-NEG MARINE	1		
9	BKT0015916	BATTERY HOLD DOWN BRACKET	1		
10	NCH0000500	NUT-1/2 HEX	2		
11	LIT1410112	LIGHT-YELLOW 12 VOLT SEALED	2		
12	LIT1410122	LIGHT-RED 12 VOLT SEALED	2		
13	GRM0127469	LIGHT GROMMET-12 VOLT SEALED	4		
14	LIT0503207	PROTRUDING RING F/LIT 7072903	2		
15	LIT0503228	LIGHT-SEALED BEAM 12 VOLT	2		
16	SMS0000177	BOLT-5/16-18 X 1FLG. WHIZ PLATED	4		
17	SGN0024006	SIGN-#2 SMV PLASTIC	1		
18	NMS0000117	NUT-5/16 NC FLG WHIZ LOCK	2		QTY WAS 4
19	NFH0000500	1/2" NF HEX NUT-PLATED	4		
20	BKT0016005	FRONT WORK LIGHT BRACKET	2		
21	SCC0050002	BOLT-1/2-13 X 1 GD5 HEX	2		
22	LIT0503157	LIGHT-ROUND HALOGEN	2		
23					REMOVE BKT0015956
24	WLK0000500	WASHER-1/2 S/T LOCK	6		
25	BKT0021619	MOUNT BRACKET AND SHIELD	1		
26	LIT0503693	LIGHT-HALOGEN W/SWITCH	2		
27	SCC0000303	BOLT-3/8-16 X 1 1/4 GRADE 5 HEX	1		

TIRE AND WHEEL ASSEMBLY

Figure 1-69



NOTES: REFERENCE #15 INCLUDES
REF. #4, #6, #7, #8, #13
THRU #19 AND #24.

TIRE AND WHEEL ASSEMBLY

FIGURE 1-69

REF. NO.	PART NO.	DESCRIPTION	QTY.	SERIAL NO.	REMARKS
1	WHL001592	TIRE/WHEEL WHITE	2		
2	TIR2312610	TIRE - 23.1 X 26	2		
3	WHL1029201	WHEEL - WHITE	2		
4	NMS0005708	SWIVEL FLANGE CAP NUT-WHL	20		
5	19-109	VALVE STEM	2		
6	SCC0020001	BOLT-5/16-18 X 3/4 GD 5 HEX	8		
7	WLK0000313	WASHER-5/16 S/T LOCK	8		
8	HUB0909915	HUB CAP	2		
9	NSL0013750	1 3/8 SLOTTED NUT	2		
10	COT0000807	3/16 X 2 1/2 COTTER PIN	2		
11					REMOVE SC50137500
12	ZZ0000238	MACH. BSHG 1 3/8 X 2 1/2 X 10 GA	2		
13	BRG0000455	OUTER BEARING CONE	2		
14	BRG0000453	BEARING CUP	2		
15	HUB2871660	HUB WINNER-OUTER BEARINGS & CAP	2		
16	STD9530331	WHEEL STUD	20		
17	F0007034	BEARING CUP	2		
18	F0007033	BEARING CONE	2		
19	SEL0033772	GREASE SEAL	2		
20	NCE0001250	WHEEL SPINDLE	2		
21	NCE0001250	LOCKNUT-1 1/4 NC NYLON INSERT PLT	2		
22	SCC0001322	BOLT-1 1/4 NC X 8 GR5 HEX PLT	2		
23	PLU0051056	2 1/4 CHROME BUTTON HEAD PLUG	2		

INTENTIONALLY BLANK