

MODEL 2400XL HURRICANE



PARTS MANUAL

S/N 50840

**MANUFACTURED BY:
MORBARK, INC.**

2/02

CALIFORNIA

Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the state of California to cause cancer, birth defects, and other reproductive harm.

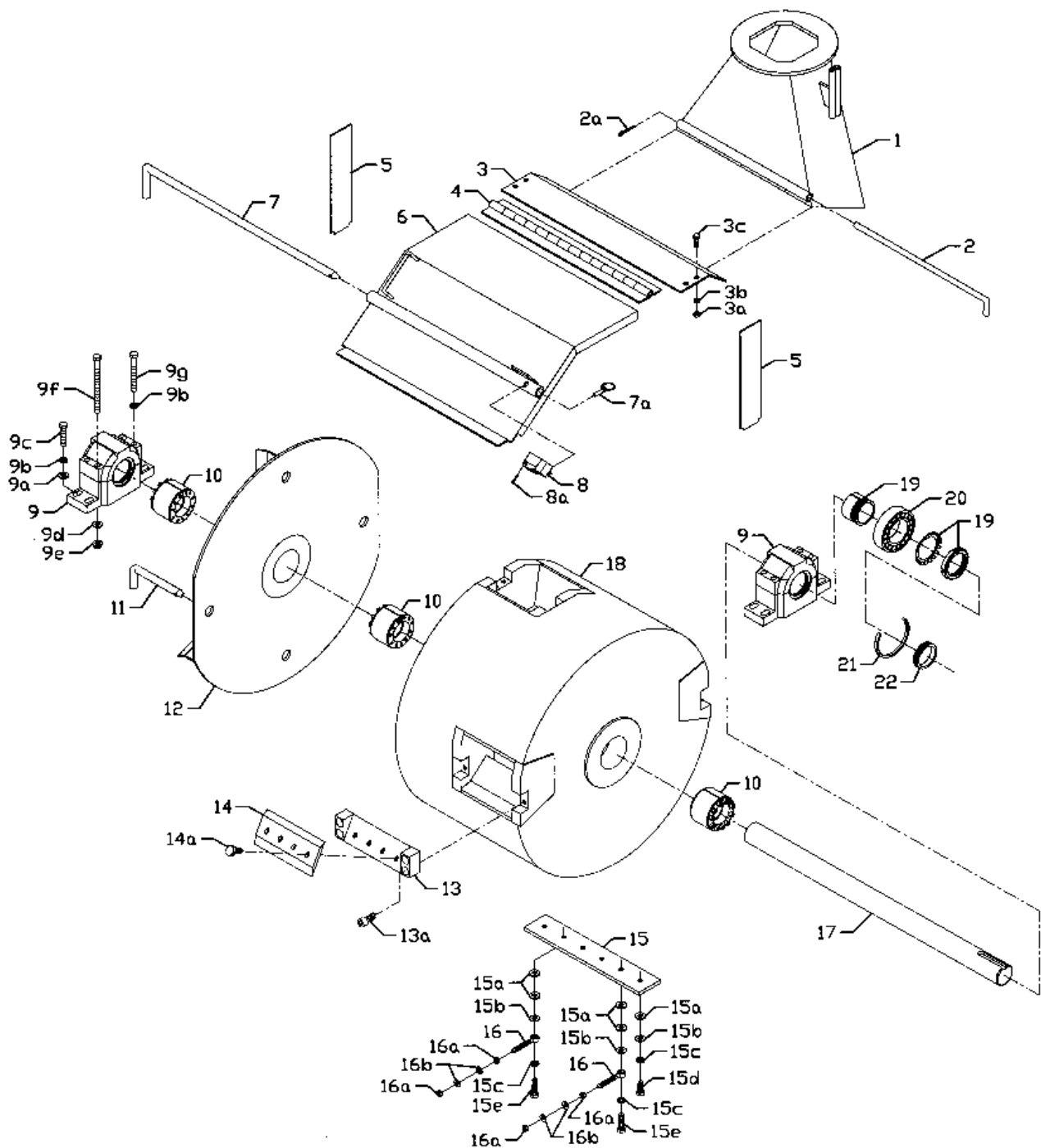
WARNING

The engine exhaust from this product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

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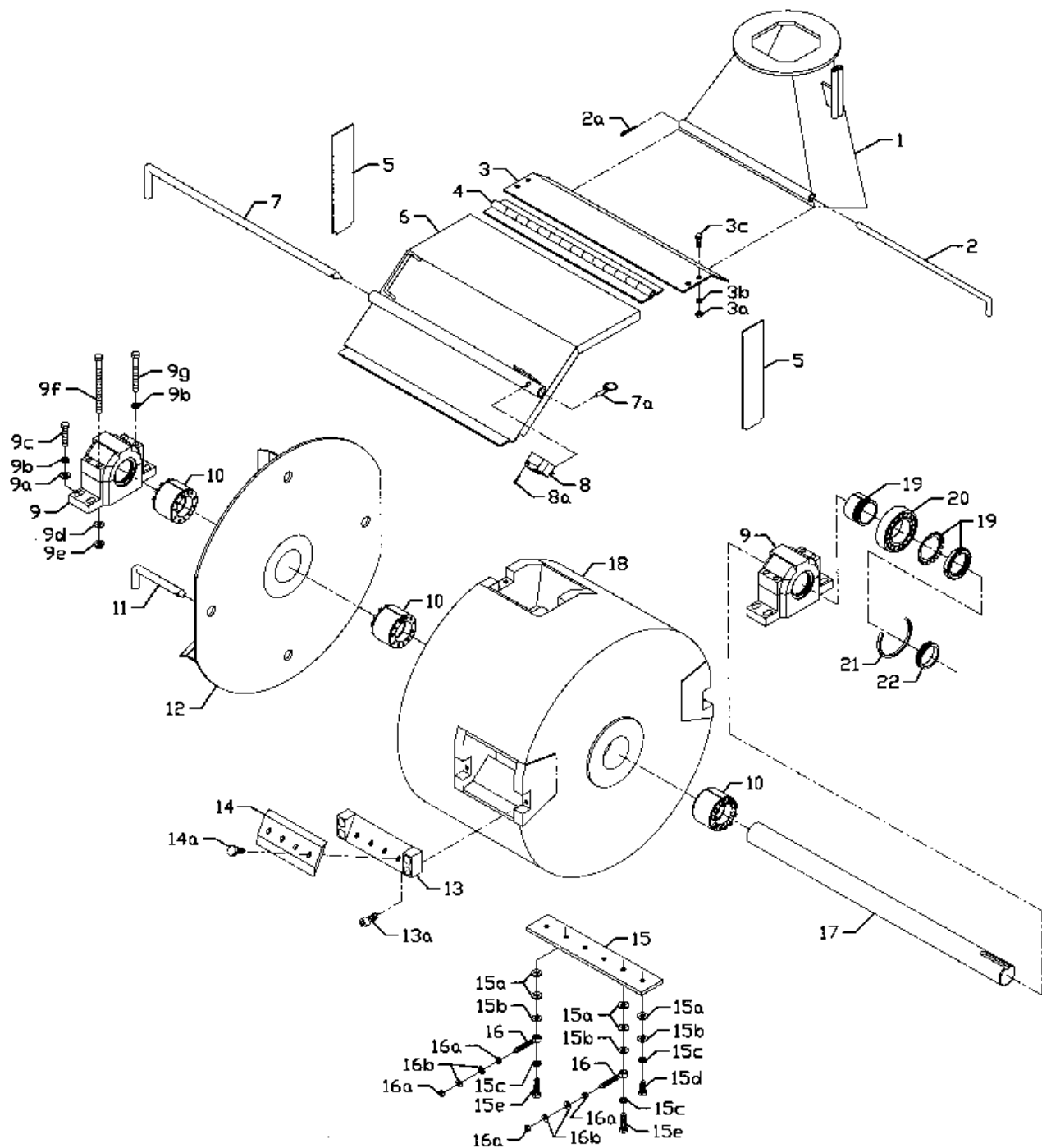
CHIPPER COMPONENTS



CHIPPER COMPONENTS

<u>ITEM</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1		SEEDISCHARGE PAGE
2	1	31334-462	TRANSITION PIN
2A	1	21126-016	COTTER PIN
3	1	40641-462	DISCHARGE HOOD ASSY
3A	4	21733-305	1/2" NYLOC NUTS
3B	4	21171-113	1/2" LOCK WASHERS
3C	4	21624-255	1/2" X 1 1/2" GR 8 BOLTS
4	1	31205-901	HINGE
5	2	30897-462	BASE COVERS
6	1	40640-462	INFEED HOOD ASSY
	1	40934-462	INFEED HOOD ASSY (DUST SUPPRESSION) (INCLUDES NUMBERS 3,4 AND 6)
7	1	31316-462	HOOD PIN
7A	1	21129-054	LYNCH PIN
8	1	27413-566	SHUT-OFF SWITCH
8A	2	21511-230	10-24 X 1 1/4" SCREWS
9	2	23973-661	BEARING HOUSINGS
9A	4	21161-046	5/8" HARD FLAT WASHERS
9B	4	21171-115	5/8" LOCK WASHERS
9C	8	21624-356	5/8" X 2 1/4" GR 8 BOLTS
9D	8	21161-315	5/8" FLAT WASHERS
9E	8	21733-410	5/8" STOVER NUTS
9F	4	21624-372	5/8" X 8 1/2" GR 8 BOLTS
9G	4	OEM	BEARING HOUSING MFG
10	3	24114-608	LOCKING ASSEMBLIES

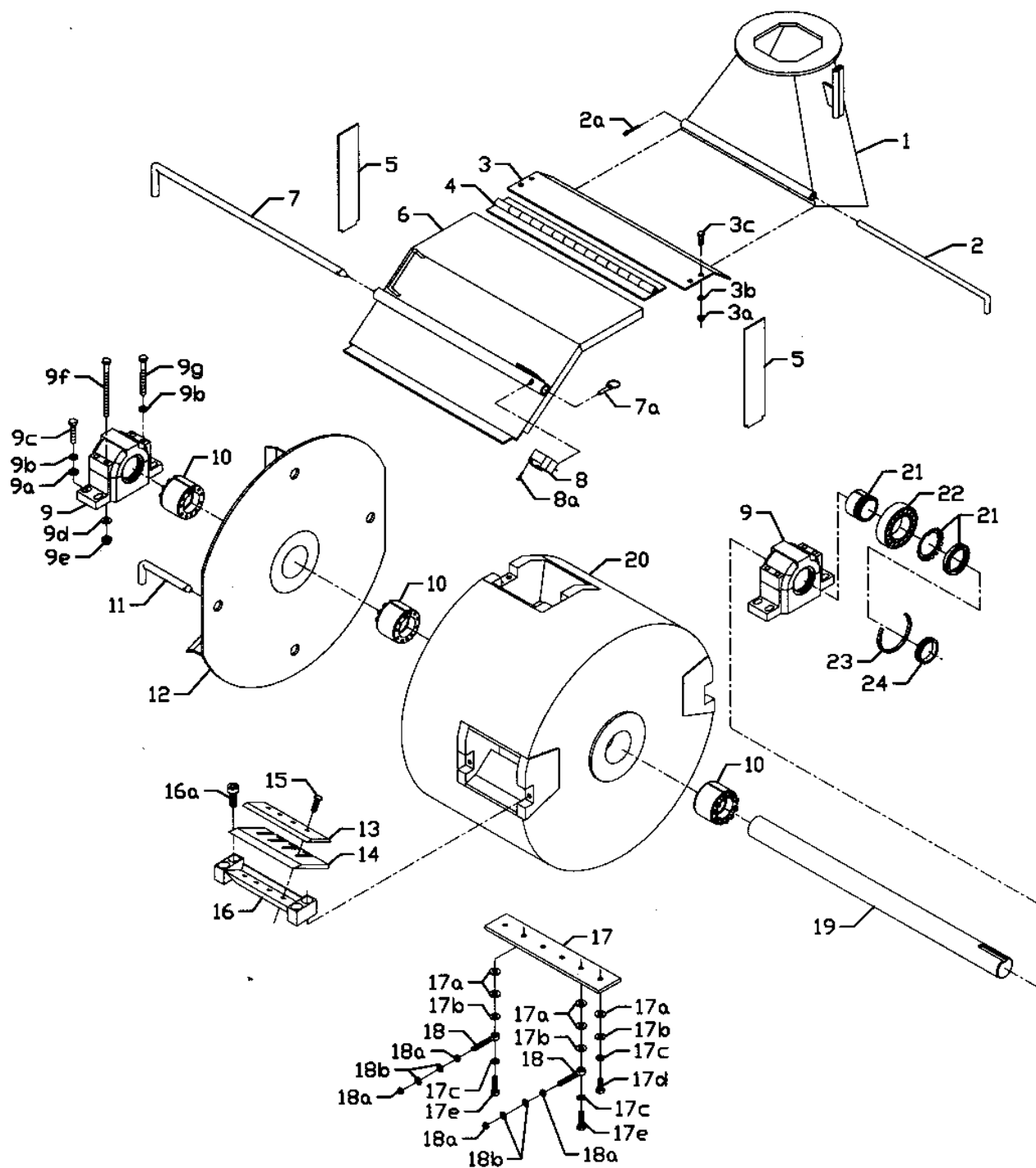
CHIPPER COMPONENTS CON'T



CHIPPER COMPONENTS

<u>ITEM</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
11	1	31380-462	LOCKING PIN
12	1	40678-462	FAN ASSY
13	4	30135-969	KNIFE HOLDERS
13A	16	21452-159	3/4" X 2 1/4" SHCS
14	4	39233-692	KNIVES
14A	16	22424-404	3/4" X 1 3/4" GR 8 FINE THREAD BOLTS
15	1	30412-462	ANVIL
15A	8	21161-046	5/8" HARD FLAT WASHERS
15B	6	21161-315	5/8" FLAT WASHERS
15C	6	21171-115	5/8" LOCK WASHERS
15D	4	22424-353	5/8" X 1 1/2" GR 8 FINE THREAD BOLTS
15E	2	22424-356	5/8" X 2 1/4" GR 8 FINE THREAD BOLTS
16	2	21711-018	1/2" X 3" EYE BOLTS
16A	4	21731-068	1/2" GR 8 NUTS
16B	4	21161-044	1/2" HARD FLAT WASHERS
17	1	31536-462	SHAFT
18	1	40914-462	DRUM ASSY
19	2	23962-259	SLEEVE, NUT & WASHER ASSEMBLIES
20	2	23661-362	2 15/16" BEARINGS
21	1	23941-275	LOCK RING – DRIVEN SIDE ONLY
22	2	23973-228	BEARING SEALS
N.S.	A/R	30816-462	.015 THICK CHIPPER KNIFE SHIM
N.S.	A/R	30816-701	11 GAUGE CHIPPER KNIFE SHIM
(SOLD ONLY IN 16 COUNT UNITS)			
N.S.	1	40581-462	BASE
	1	40957-462	BASE (STRUCTURAL OPTIONAL)

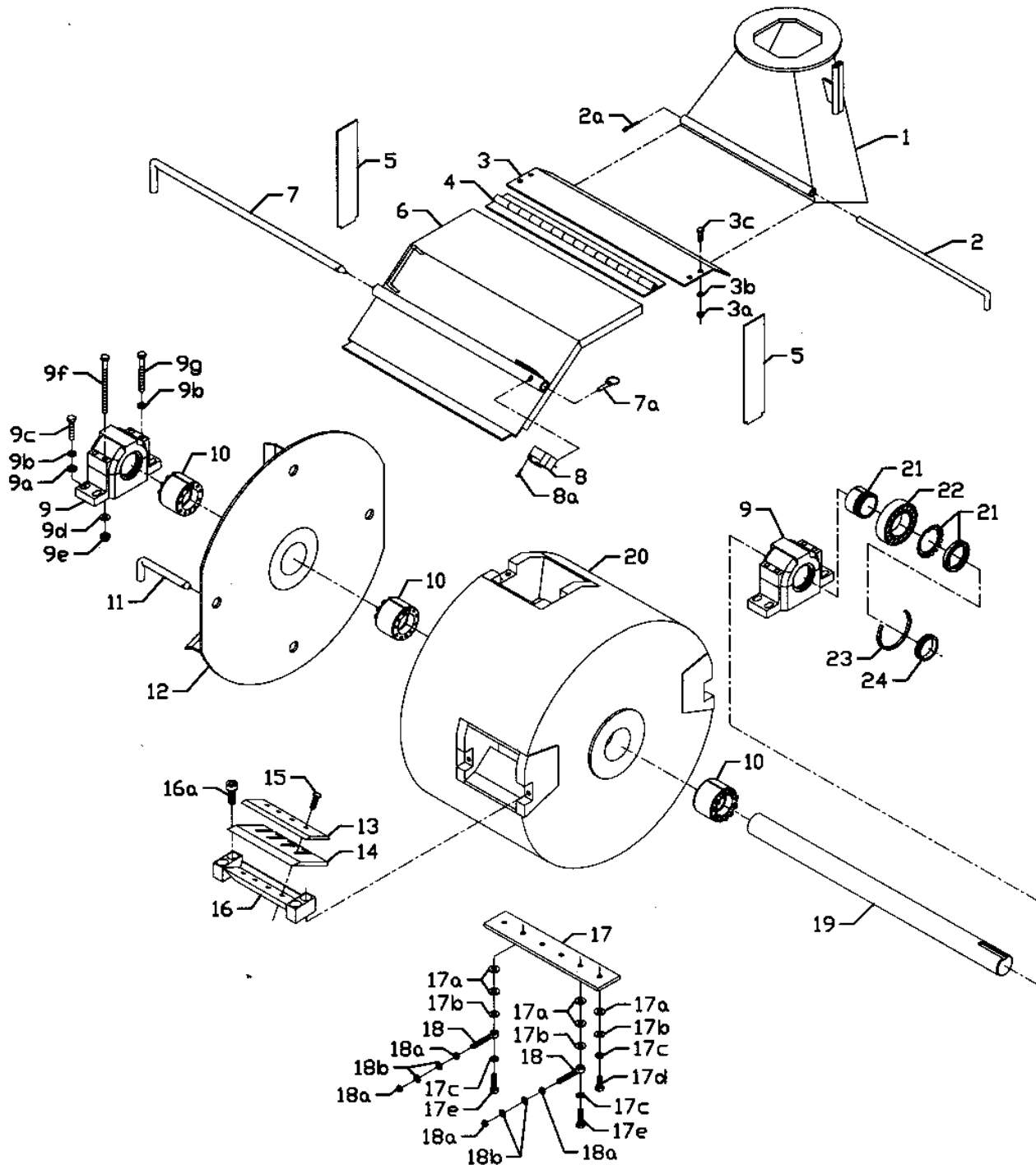
CHIPPER COMPONENTS W/BABBITED KNIVES



CHIPPER COMPONENTS W/BABBITED KNIVES

<u>ITEM</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1		SEE DISCHARGE PAGE
2	1	31334-462	TRANSITION PIN
2A	1	21126-016	COTTER PIN
3	1	40641-462	DISCHARGE HOOD ASSY
3A	4	21733-305	1/2" NYLOC NUTS
3B	4	21171-113	1/2" LOCK WASHERS
3C	4	21624-255	1/2" X 1 1/2" GR 8 BOLTS
4	1	31205-901	HINGE
5	2	30897-462	BASE COVERS
6	1	40640-462	INFEED HOOD ASSY
	1	40934-462	INFEED HOOD ASSY (DUST SUPPRESSION) (INCLUDES NUMBERS 3,4 AND 6)
7	1	31316-462	HOOD PIN
7A	1	21129-054	LYNCH PIN
8	1	27413-566	SHUT-OFF SWITCH
8A	2	21511-230	10-24 X 1 1/4" SCREWS
9	2	23973-661	BEARING HOUSINGS
9A	4	21161-046	5/8" HARD FLAT WASHERS
9B	4	21171-115	5/8" LOCK WASHERS
9C	8	21624-356	5/8" X 2 1/4" GR 8 BOLTS
9D	8	21161-315	5/8" FLAT WASHERS
9E	8	21733-410	5/8" STOVER NUTS
9F	4	21624-372	5/8" X 8 1/2" GR 8 BOLTS
9G	4	OEM	SEE BEARING HOUSING MFG
10	3	24114-608	LOCKING ASSEMBLIES

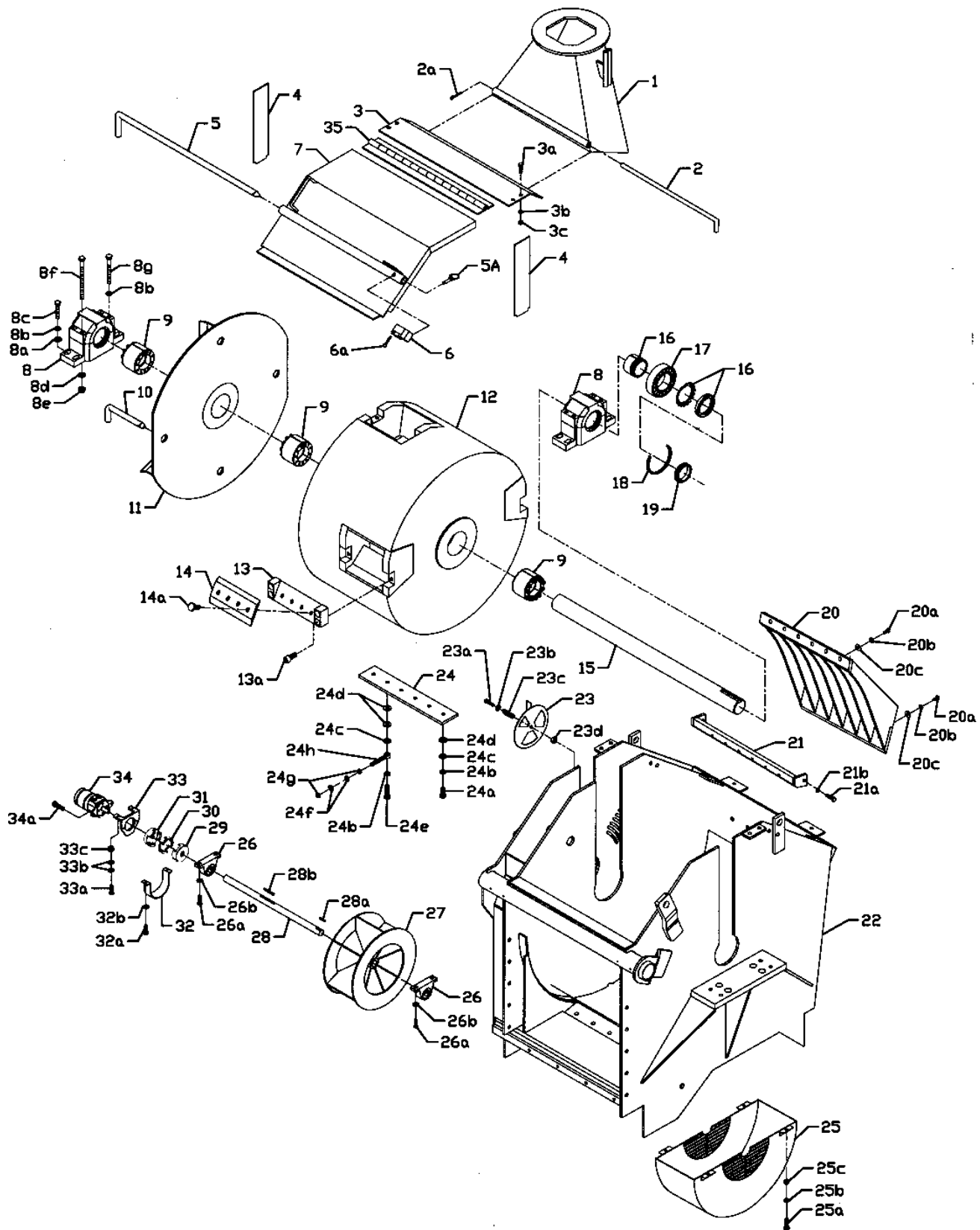
CHIPPER COMPONENTS W/BABBITED KNIVES CON'T



CHIPPER COMPONENTS W/BABBITED KNIVES

<u>ITEM</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
11	1	31380-462	LOCKING PIN
12	1	40678-462	FAN ASSY
13	4	30571-536	BABBITED KNIFE HOLDER CLAMPS
14	4	39233-774	BABBITED KNIVES
15	16	22424-404	3/4" X 1 3/4" GR 8 FINE THREAD BOLTS
16	4	40191-969	BABBITED KNIFE HOLDERS
16A	16	21452-159	3/4" X 2 1/4" SHCS
17	1	30412-462	ANVIL
17A	8	21161-046	5/8"HARD FLAT WASHERS
17B	6	21161-315	5/8" FLAT WASHERS
17C	6	21171-115	5/8" LOCK WASHERS
17D	4	22424-353	5/8" X 1 1/2" GR 8 FINE THREAD BOLTS
17E	2	22424-356	5/8" X 2 1/4" GR 8 FINE THREAD BOLTS
18	2	21711-018	1/2" X 3" EYE BOLTS
18A	4	21731-068	1/2" GR 8 NUTS
18B	4	21161-044	1/2" HARD FLAT WASHERS
19	1	31536-462	SHAFT
20	1	40914-462	DRUM ASSY
21	2	23962-259	SLEEVE, NUT & WASHER ASSEMBLIES
22	2	23661-362	BEARINGS
23	1	23941-275	LOCK RING – DRIVEN SIDE ONLY
24	2	23973-228	BEARING SEALS
N.S.	A/R	30816-462	.015 THICK CHIPPER KNIFE SHIM
N.S.	A/R	30816-701	11 GAUGE CHIPPER KNIFE SHIM
		(SOLD ONLY IN 16 COUNT UNITS)	
N.S.	1	40581-462	BASE
	1	40957-462	BASE (STRUCTURAL OPTIONAL)

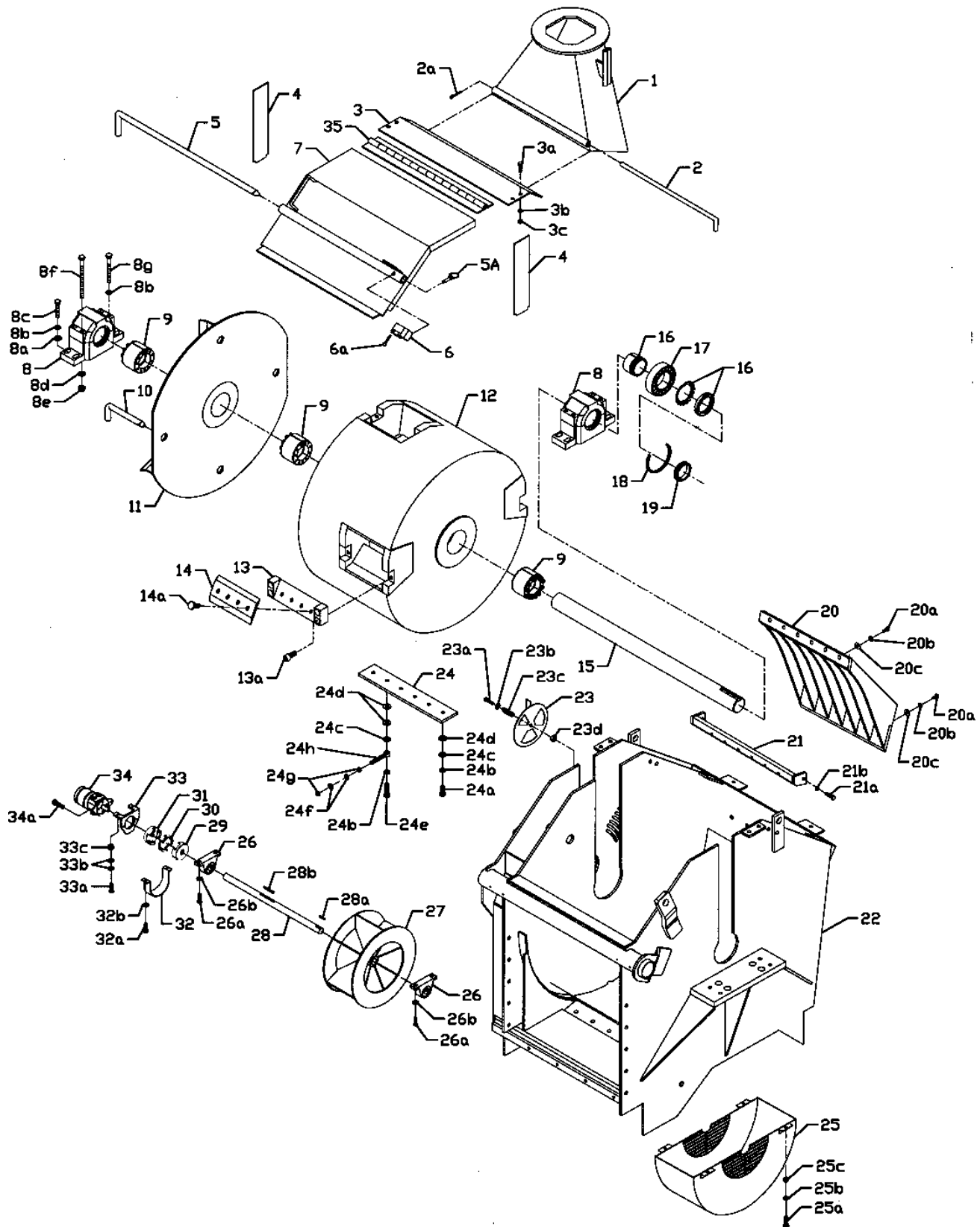
CHIPPER COMPONENTS W/FAN



CHIPPER COMPONENTS W/FAN

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	1		SEE DISCHARGE PAGE
2	1	31334-462	TRANSITION PIN
2A	1	21126-016	COTTER PIN
3	1	40641-462	DISCHARGE HOOD ASSY
3A	4	21624-255	1/2" X 1 1/2 HHCS
3B	4	21171-113	1/2" LOCK WASHERS
3C	4	21733-305	1/2" NYLOC NUTS
4	2	30897-462	BASE COVERS
5	1	31316-462	HOOD PIN
5A	1	21129-054	LYNCH PIN
6	1	27413-566	SHUT OFF SWITCH
6A	2	21511-230	#10 X 1 1/4" SCREWS
7	1	40640-462	INFEED HOOD ASSY
	1	40934-462	INFEED HOOD ASSY (DUST SUPPRESSION) (INCLUDES NUMBERS 3, 35 AND 7)
8	2	23973-661	BEARING HOUSINGS
8A	4	21161-046	5/8" HARD FLAT WASHERS
8B	4	21171-115	5/8" LOCK WASHERS
8C	8	21624-356	5/8" X 2 1/4" GR 8 BOLTS
8D	8	21161-315	5/8" FLAT WASHERS
8E	8	21733-410	5/8" STOVER NUTS
8F	4	21624-372	5/8" X 8 1/2" GR 8 BOLTS
8G	4	OEM	SEE BEARING HOUSING MFG
9	3	24114-608	LOCKING ASSEMBLIES
10	1	31380-462	LOCKING PIN
11	1	40678-462	FAN ASSY
12	1	40914-462	DRUM ASSY
13	4	30135-969	KNIFE HOLDERS
14	4	39233-692	KNIVES
14A	16	22424-404	3/4" X 1 3/4" GR 8 FINE THREAD BOLTS
15	1	31536-462	SHAFT
16	2	23962-259	SLEEVE, NUT & WASHER ASSEMBLIES
17	2	23661-362	BEARINGS
18	1	23941-275	DRIVEN LOCK RING
19	2	23973-228	BEARING SEALS
20	1	40754-462	GRATE
20A	12	21624-256	1/2" X 1 3/4" GR 8 BOLTS
20B	12	21161-044	1/2" HARD FLAT WASHERS
20C	12	21171-113	1/2" LOCK WASHERS
21	1	31680-462	BASE GRATE MOUNT
21A	2	21624-256	1/2" X 1 3/4" GR 8 BOLTS
21B	2	21161-044	1/2" HARD FLAT WASHERS
N.S.	A/R	30816-462	.015 THICK CHIPPER KNIFE SHIM

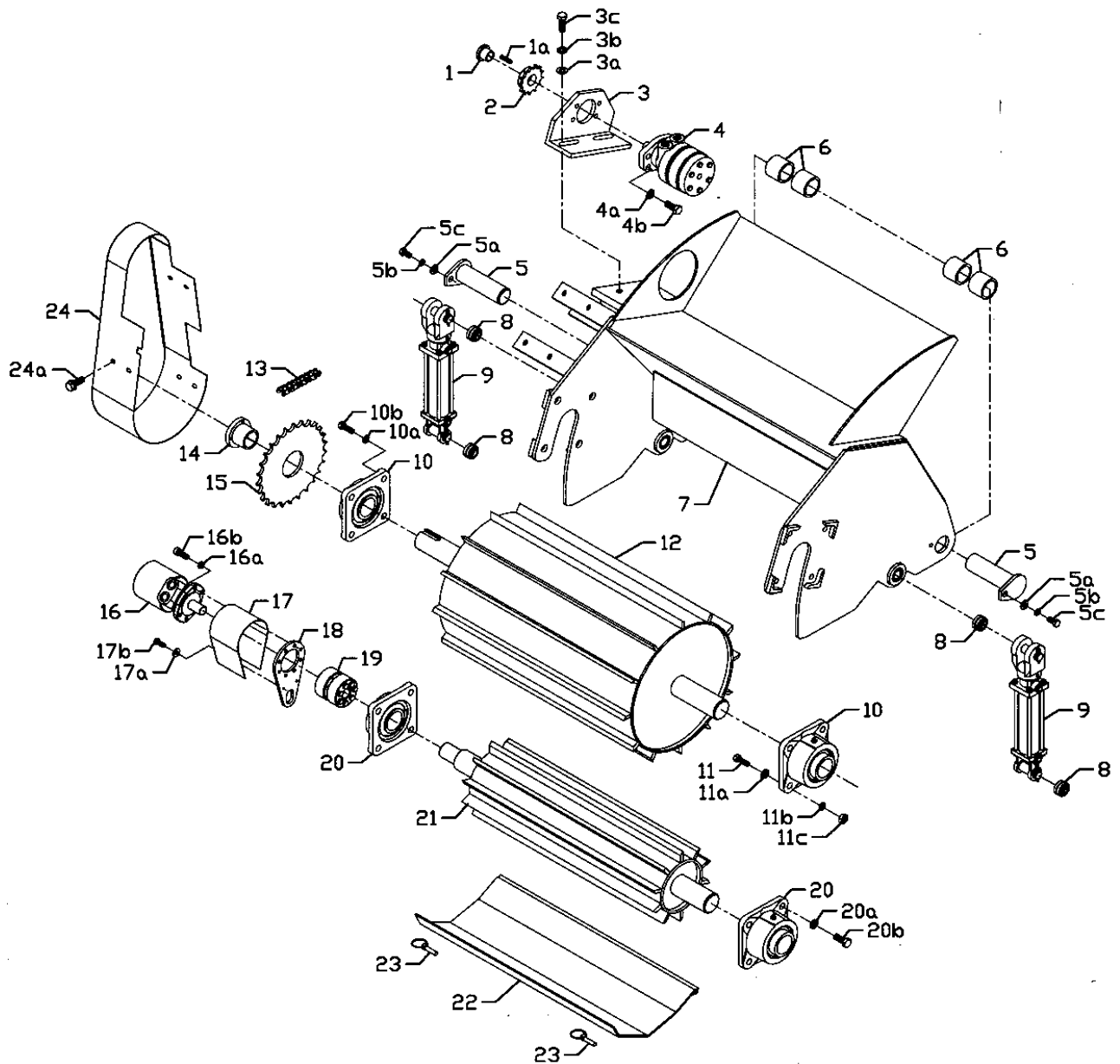
CHIPPER COMPONENTS W/FAN CON'T



CHIPPER COMPONENTS W/FAN CON'T

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
N.S.	A/R	30816-701	11 GAUGE CHIPPER KNIFE SHIM
		(SOLD ONLY IN 16 COUNT UNITS)	
22	1	40752-462	BASE
23	2	40588-462	AIR CONTROL VENTS
23A	2	21624-259	1/2" X 2 1/2" GR 8 BOLTS
23B	2	21161-044	1/2" HARD FLAT WASHERS
23C	2	24741-085	SPRINGS
23D	2	21733-305	1/2" NYLOC NUTS
24	1	30412-462	ANVIL
24A	4	22424-353	5/8" X 1 1/2" GR 8 FINE THREAD BOLTS
24B	14	21171-115	5/8" LOCK WASHERS
24C	14	21161-046	5/8" HARD FLAT WASHERS
24D	8	21161-315	5/8" FLAT WASHERS
24E	2	22424-356	5/8" X 2 1/4" GR 8 BOLTS
24F	4	21161-044	1/2" HARD FLAT WASHERS
24G	4	21731-068	1/2" GR 8 NUTS
24H	2	21711-018	1/2" X 3" EYEBOLTS
25	1	40119-817	TOP BLOWER ASSY
25A	4	21624-055	5/16" X 1" HHCS
25B	4	21161-041	5/16" HARD FLAT WASHERS
25C	4	21733-302	5/16" NYLOC NUTS
26	2	23934-817	BEARINGS
26A	2	21624-257	1/2" X 2" HHCS
26B	2	21161-044	1/2" HARD FLAT WASHERS
26C	2	21624-261	1/2" X 3" HHCS
26D	2	21161-044	1/2" HARD FLAT WASHERS
27	1	40120-817	FAN ASSY
28	1	30223-817	FAN SHAFT
28A	1	24118-113	KEY
28B	1	32635-700	KEY
29	1	24317-181	1 1/4" COUPLER HALF
30	1	24317-182	SPIDER
31	1	24317-180	3/4" COUPLER HALF
32	1	30154-817	MOTOR GUARD
32A	2	21624-105	3/8" X 1" HHCS
32B	2	21161-042	3/8" HARD FLAT WASHERS
33	1	26728-385	MOTOR MOUNT
33A	2	21624-107	3/8" X 1 1/2" HHCS
33B	4	21161-042	3/8" HARD FLAT WASHERS
33C	2	21733-303	3/8" NYLOC NUTS
34	1	26729-505	DRIVE MOTOR
34A	2	21624-253	1/2" X 1" HHCS
35	1	31205-901	HINGE

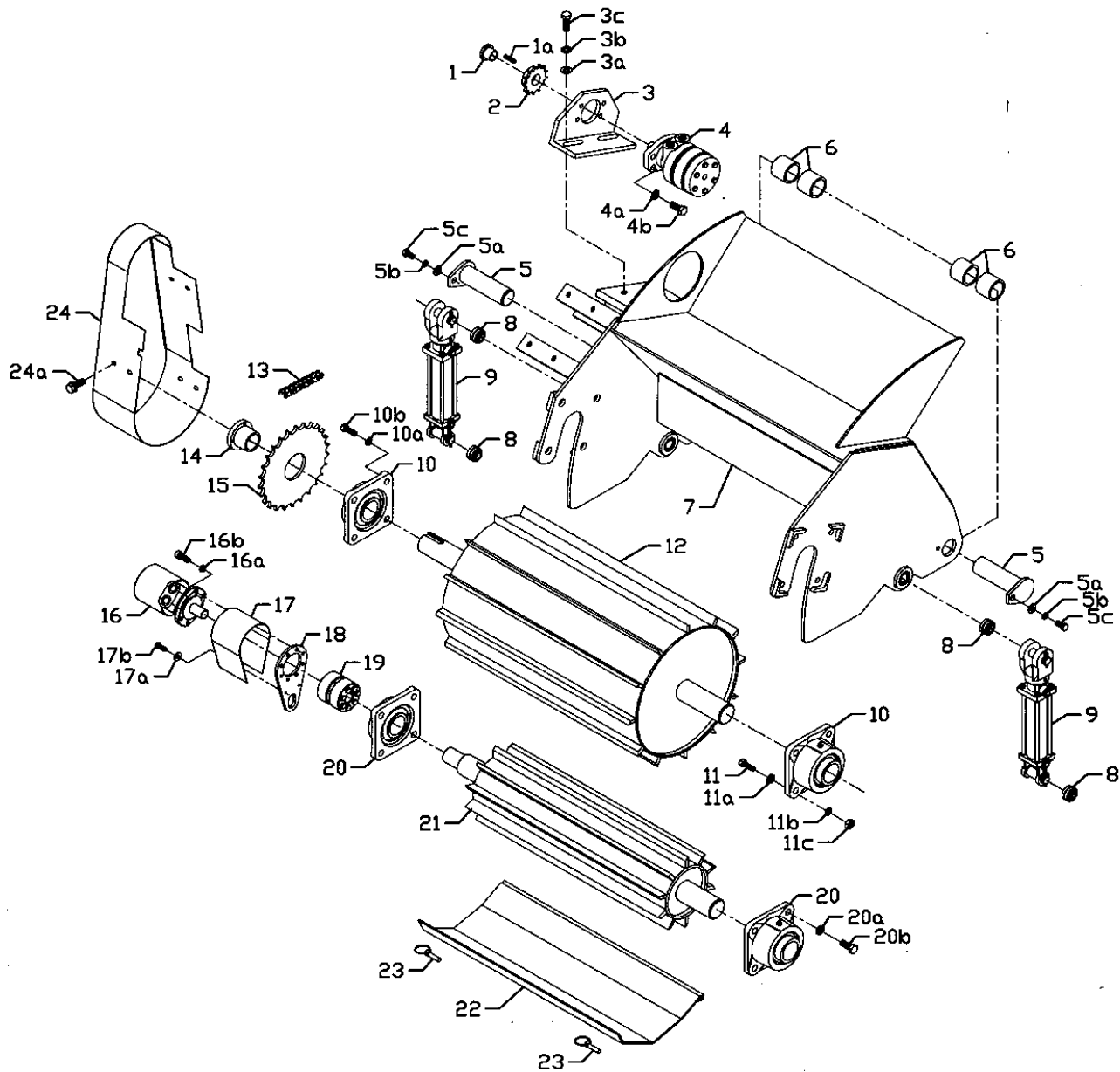
INFEED COMPONENTS (KNIFE BAR)



INFEED COMPONENTS (KNIFE BAR)

<u>ITEM</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	24132-105	1 1/4" DRIVE BUSHING
1A	1	30894-701	STEP KEY
2	1	24265-754	80P11 DRIVE SPROCKET
3	1	30480-701	MOTOR MOUNT
3A	2	21624-353	5/8" X 1 1/2" GR 8 BOLTS
3B	18	21171-115	5/8" LOCK WASHERS
3C	10	21161-359	5/8" HARD FLAT WASHERS
4	1	26737-291	32 C.I. MOTOR
4A	4	21171-143	1/2" LOCK WASHERS
4B	4	21624-255	1/2" X 1 1/2" GR 8 BOLTS
5	2	40567-462	PIVOT PINS
5A	2	21161-044	1/2" HARD FLAT WASHERS
5B	2	21171-113	1/2" LOCK WASHERS
5C	2	21624-253	1/2" X 1" GR 8 BOLTS
6	4	23131-113	FIBER BUSHINGS
7	1	40778-462	YOKE ASSY
8	4	30784-901	SPHERICAL BEARINGS
9	2	26816-812	2006 HYDRAULIC CYLINDERS
	2	26817-303	HYDRAULIC CYLINDERS
(THE CYLINDER P/N (26817-303) WILL HAVE A BOLT TO TIGHTEN THE ROD END OF THE CYLINDER. CHECK YOUR MACHINE TO SEE WHICH CYLINDER YOU HAVE ON YOUR MACHINE, BEFORE ORDERING REPLACEMENT PARTS.)			
10	2	23918-629	2 7/16" FLANGE BEARINGS
10A	4	21171-115	5/8" LOCK WASHERS
10B	4	21624-354	5/8" X 1 3/4" GR 8 BOLTS

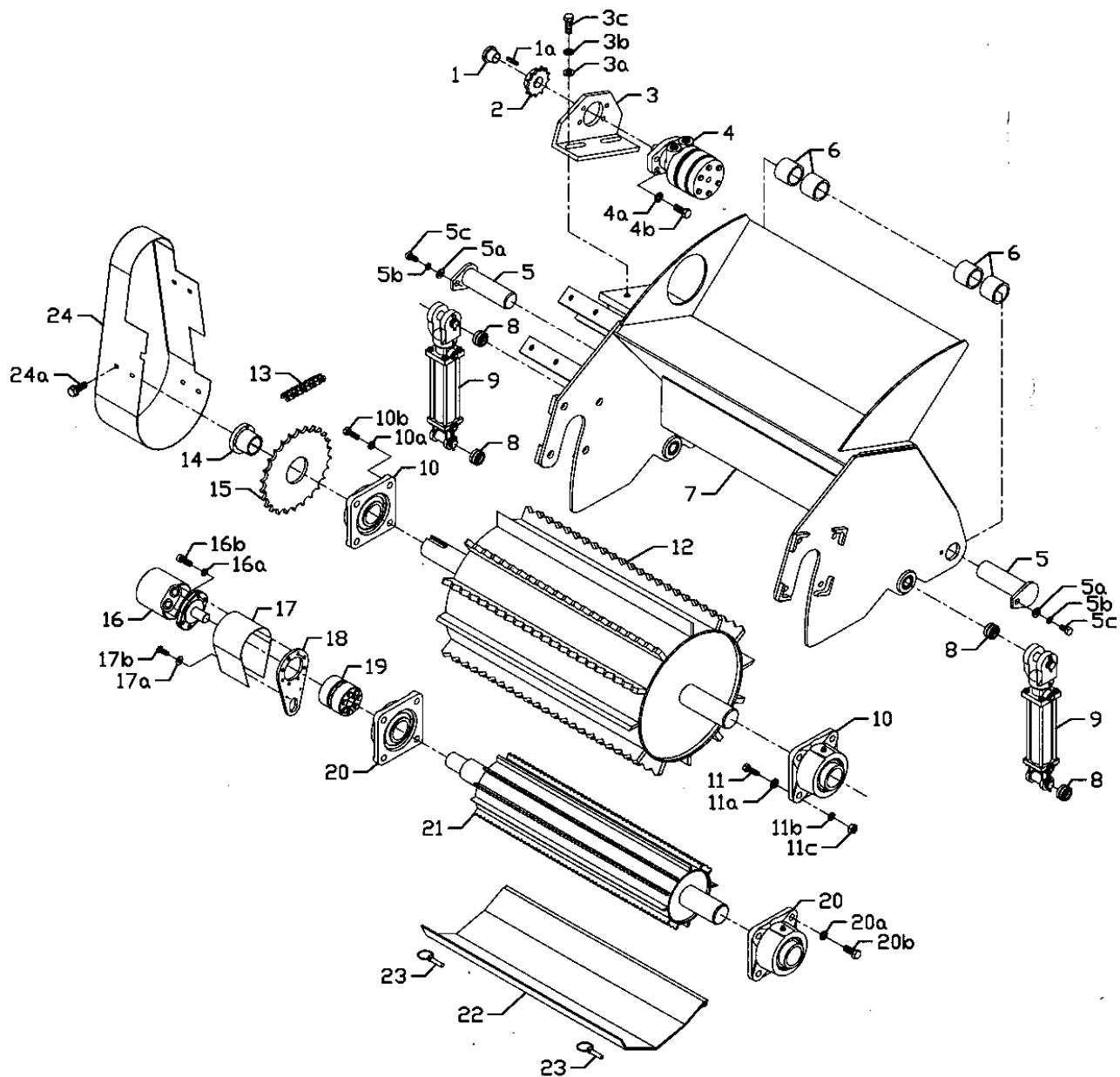
INFEED COMPONENTS (KNIFE BAR) CON'T



INFEED COMPONENTS (KNIFE BAR)

<u>ITEM</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
11	4	21624-356	5/8" X 2 1/4" GR 8 BOLTS
11A	4	21161-046	5/8" HARD FLAT WASHERS
11B	4	21171-115	5/8" LOCK WASHERS
11C	4	21733-307	5/8" NYLOC NUTS
12	1	40927-462	TOP FEED WHEEL ASSY
13	1	24251-030	#80 CHAIN
(NOTE THE ABOVE NUMBER IS FOR 10 FOOT OF CHAIN)			
N.S.	1	24251-032	#80 MASTER LINK
N.S.	1	24251-033	#80 HALF LINK
14	1	24132-224	2 7/16" DRIVEN BUSHING
15	1	24265-825	80Q32 DRIVEN SPROCKET
16	1	26737-284	45 C.I. HYDRAULIC MOTOR
16A	4	21171-113	1/2" LOCK WASHERS
16B	4	21624-255	1/2" X 1 1/2" GR 8 BOLTS
17	1	30880-701	TORQUE ARM GUARD
17A	2	21161-041	5/16" HARD FLAT WASHERS
17B	2	21624-051	5/16" X 1 1/2" GR 8 BOLTS
18	1	30876-701	TORQUE ARM
19	1	24114-726	B-LOC BEARING
20	2	23918-629	2 7/16" FLANGE BEARINGS
20A	4	21171-115	5/8" LOCK WASHERS
20B	4	21624-354	5/8" X 1 3/4" GR 8 BOLTS
21	1	40958-462	BTM FEED WHEEL ASSY
22	1	40598-462	CLEANOUT
23	2	21129-054	LYNCH PINS
24	1	40946-462	GUARD
24A	6	21620-103	BOLTS

INFEED COMPONENTS (SER/KNIFE BAR COMBO)



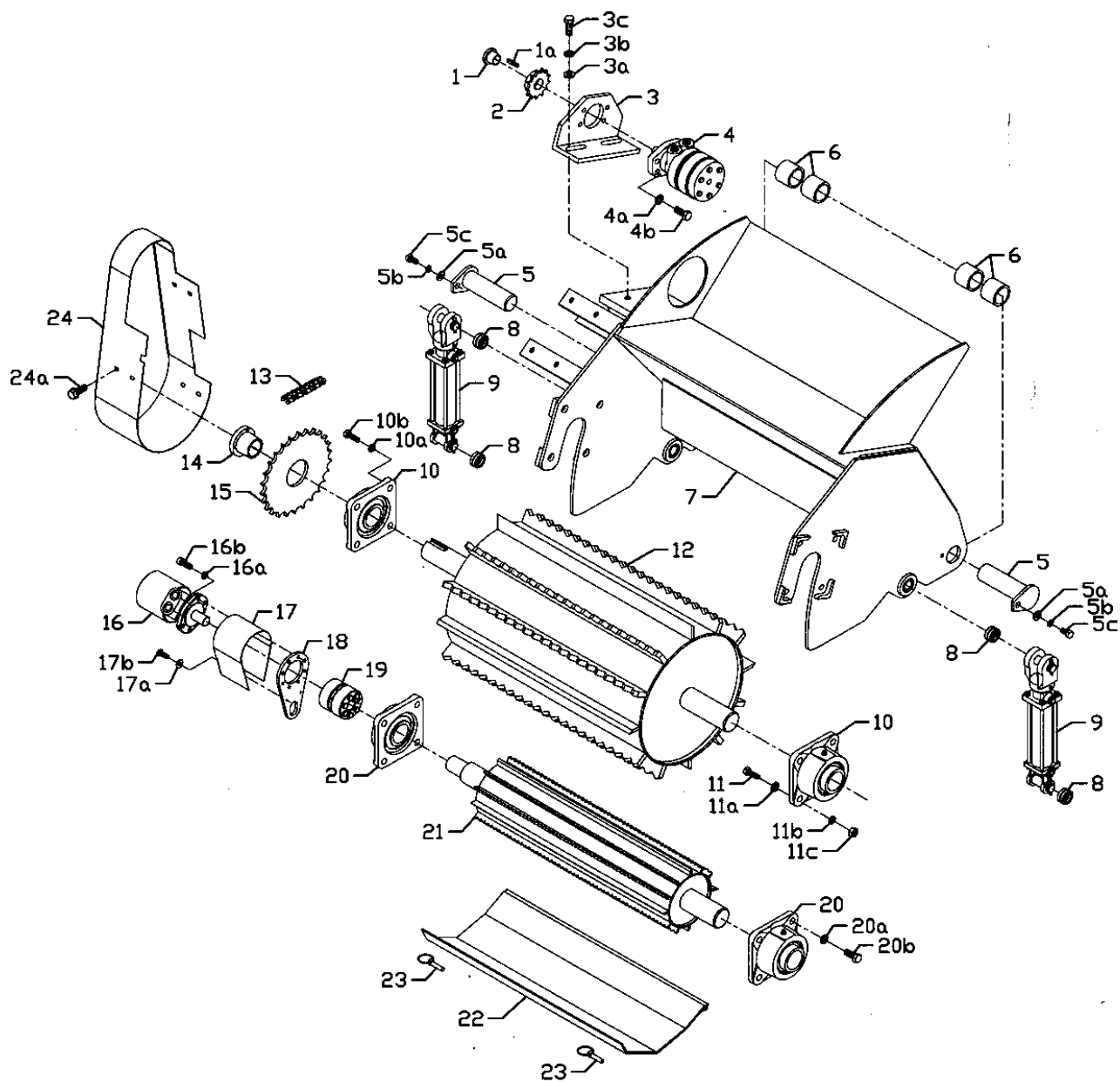
INFEED COMPONENTS (SER/KNIFE BAR COMBO)

<u>ITEM</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	24132-105	1 1/4" DRIVE BUSHING
1A	1	30894-701	STEP KEY
2	1	24265-754	80P11 DRIVE SPROCKET
3	1	30480-701	MOTOR MOUNT
3A	2	21624-353	5/8" X 1 1/2" GR 8 BOLTS
3B	18	21171-145	5/8" LOCK WASHERS
3C	10	21161-359	5/8" FLAT WASHERS
4	1	26737-291	32 C.I. MOTOR
4A	4	21171-143	1/2" LOCK WASHERS
4B	4	21624-255	1/2" X 1 1/2" GR 8 BOLTS
5	2	40567-462	PIVOT PINS
5A	2	21161-044	1/2" HARD FLAT WASHERS
5B	2	21171-143	1/2" LOCK WASHERS
5C	2	21624-253	1/2" X 1" GR 8 BOLTS
6	4	23131-113	FIBER BUSHINGS
7	1	40778-462	YOKE ASSY
8	4	30784-901	SPHERICAL BEARINGS
9	2	26816-812	2006 HYDRAULIC CYLINDERS
	2	26817-303	HYDRAULIC CYLINDERS

(THE CYLINDER P/N (26817-303) WILL HAVE A BOLT TO TIGHTEN THE ROD END OF THE CYLINDER. CHECK YOUR MACHINE TO SEE WHICH CYLINDER YOU HAVE ON YOUR MACHINE, BEFORE ORDERING REPLACEMENT PARTS FOR YOUR CYLINDER.)

10	2	23918-629	2 7/16" FLANGE BEARINGS
10A	4	21171-115	5/8" LOCK WASHERS
10B	4	21624-354	5/8" X 1 3/4" GR 8 BOLTS
11	4	21624-356	5/8" X 2 1/4" GR 8 BOLTS
11A	4	21161-046	5/8" HARD FLAT WASHERS
11B	4	21171-115	5/8" LOCK WASHERS
11C	4	21733-307	5/8" NYLOC NUTS

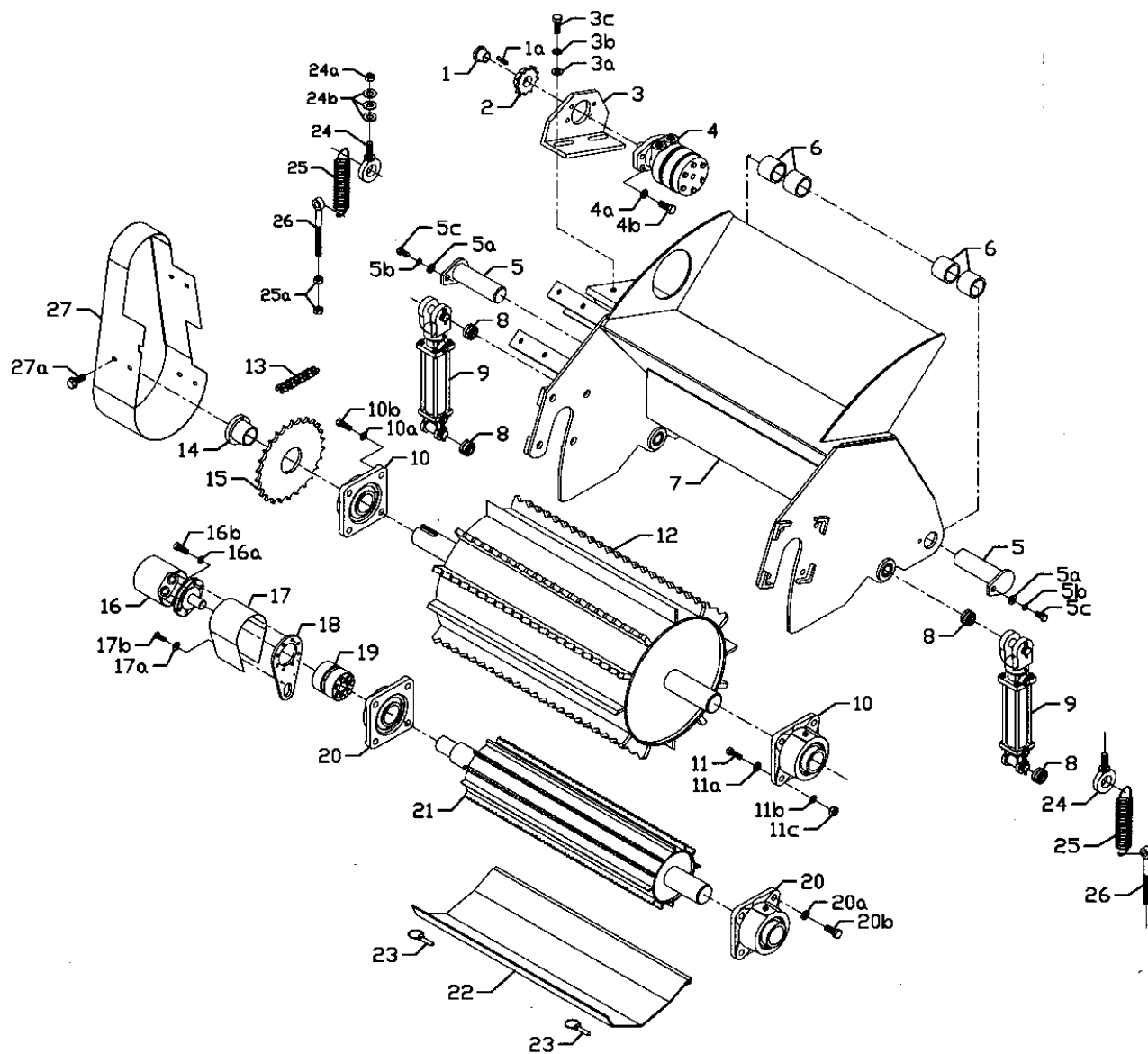
INFEED COMP (SER/KNIFE BAR COMBO) CON'T



INFEED COMPONENTS (SER/KNIFE BAR COMBO)

<u>ITEM</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
12	1	40863-462	TOPFEED WHEEL ASSY
13	1	24251-030	#80 CHAIN
(NOTE THE ABOVE NUBER IS FOR 10 FOOT OF CHAIN)			
N.S.	1	24251-032	#80 MASTER LINK
N.S.	1	24251-033	#80 HALF LINK
14	1	24132-224	2 7/16" DRIVEN BUSHING
15	1	24265-825	80Q32 DRIVEN SPROCKET
16	1	26737-284	45 C.I. HYDRAULIC MOTOR
16A	4	21171-143	1/2" LOCKWASHERS
16B	4	21624-255	1/2" X 1 1/2" GR 8 BOLTS
17	1	30880-701	TORQUE ARM GUARD
17A	2	21161-041	5/16" HARD FLAT WASHERS
17B	2	21624-051	5/16" X 1/2" GR 8 BOLTS
18	1	30876-701	TORQUE ARM
19	1	24114-726	B-LOC BEARING
20	2	23918-629	2 7/16" FLANGE BEARINGS
20A	4	21171-115	5/8" LOCKWASHERS
20B	4	21624-354	5/8" X 1 3/4" GR 8 BOLTS
21	1	40941-462	BTMFEED WHEEL ASSY
22	1	40598-462	CLEANOUT
23	2	21129-054	LYNCH PINS
24	1	40946-462	GUARD
24A	6	21620-103	BOLTS

INFEED COMPONENTS (SER/KNIFE BAR COMBO)



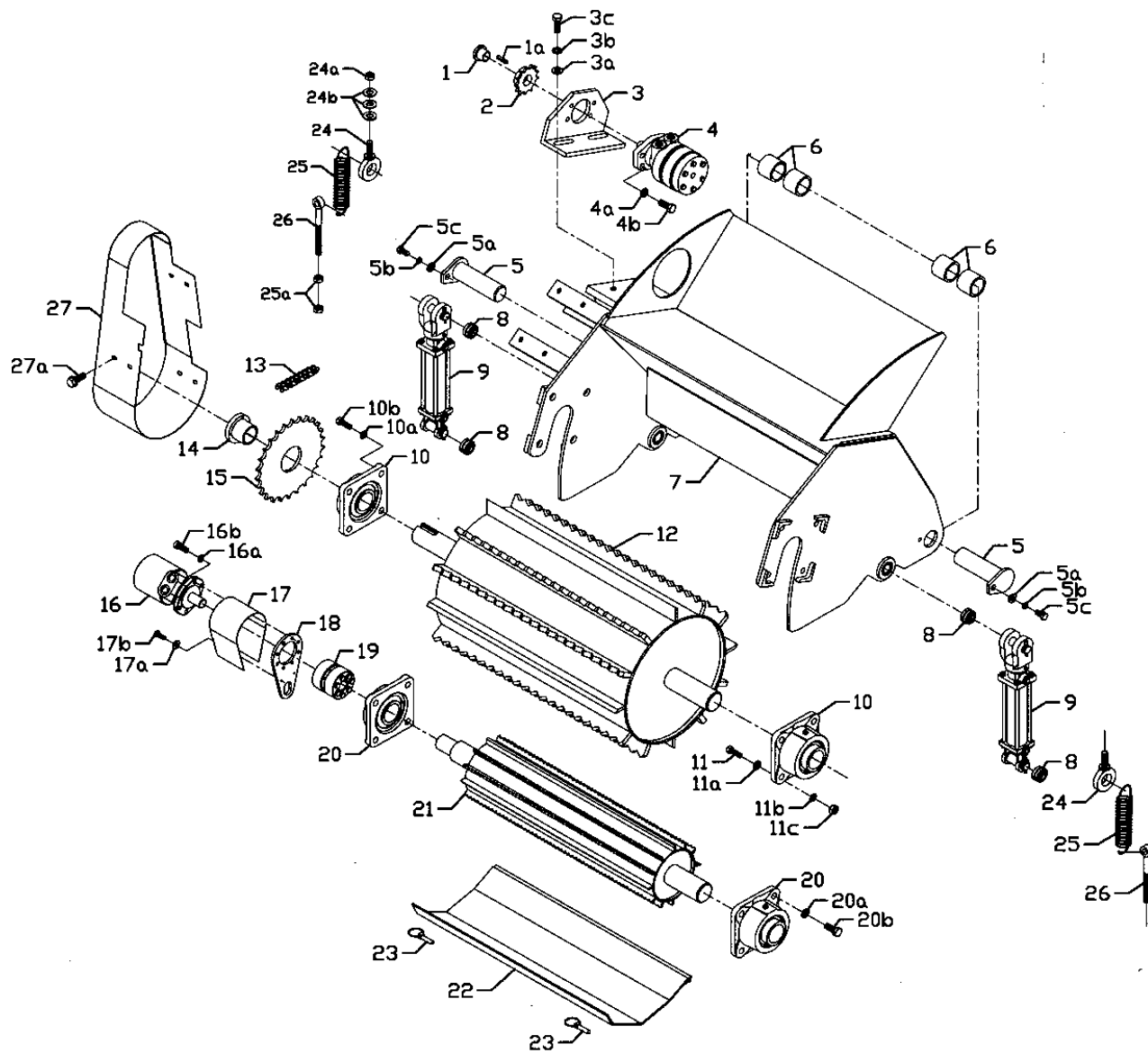
INFEED COMPONENTS (SER/KNIFE BAR COMBO)

<u>ITEM</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	24132-105	1 1/4" DRIVE BUSHING
1A	1	30894-701	STEP KEY
2	1	24265-754	80P11 DRIVE SPROCKET
3	1	30480-701	MOTOR MOUNT
3A	2	21624-353	5/8" X 1 1/2" GR 8 BOLTS
3B	18	21171-145	5/8" LOCK WASHERS
3C	10	21161-359	5/8" FLAT WASHERS
4	1	26737-291	32 C.I. MOTOR
4A	4	21171-143	1/2" LOCK WASHERS
4B	4	21624-255	1/2" X 1 1/2" GR 8 BOLTS
5	2	40567-462	PIVOT PINS
5A	2	21161-044	1/2" HARD FLAT WASHERS
5B	2	21171-143	1/2" LOCK WASHERS
5C	2	21624-253	1/2" X 1" GR 8 BOLTS
6	4	23131-113	FIBER BUSHINGS
7	1	40778-462	YOKE ASSY
8	4	30784-901	SPHERICAL BEARINGS
9	2	26816-812	2006 HYDRAULIC CYLINDERS
	2	26817-303	HYDRAULIC CYLINDERS

((THE CYLINDER P/N (26817-303) WILL HAVE A BOLT TO TIGHTEN THE ROD END OF THE CYLINDER. CHECK YOUR MACHINE TO SEE WHICH CYLINDER YOU HAVE ON YOUR MACHINE, BEFORE ORDERING REPLACEMENT PARTS FOR YOUR CYLINDER.))

10	2	23918-629	2 7/16" FLANGE BEARINGS
10A	4	21171-115	5/8" LOCK WASHERS
10B	4	21624-354	5/8" X 1 3/4" GR 8 BOLTS
11	4	21624-356	5/8" X 2 1/4" GR 8 BOLTS
11A	4	21161-046	5/8" HARD FLAT WASHERS
11B	4	21171-115	5/8" LOCK WASHERS
11C	4	21733-307	5/8" NYLOC NUTS

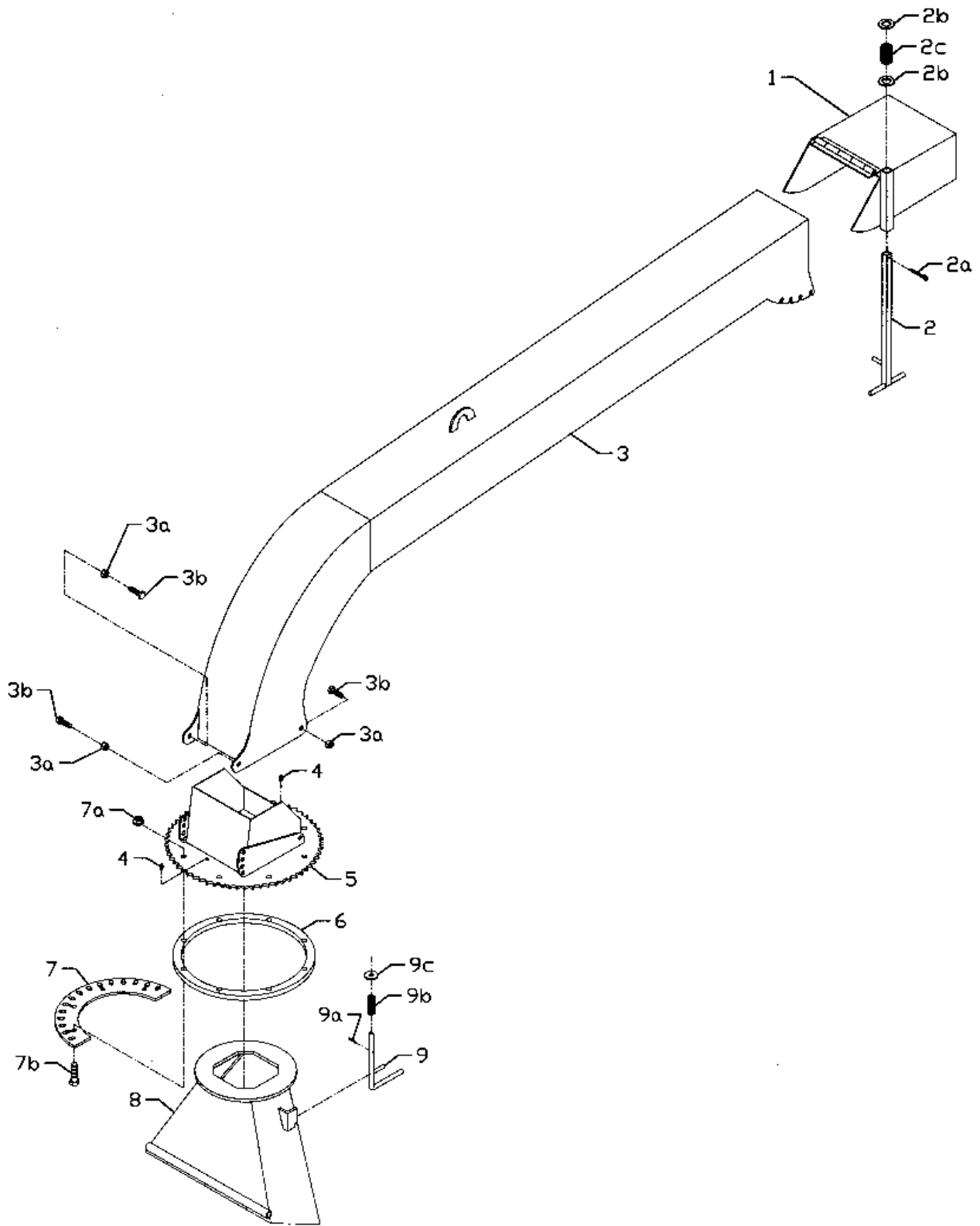
INFEED COMP (SER/KNIFE BAR COMBO) CON'T



INFEED COMPONENTS (SER/KNIFE BAR COMBO)

<u>ITEM</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
12	1	40863-462	TOPFEED WHEEL ASSY
13	1	24251-030	#80 CHAIN
(NOTE THE ABOVE NUBER IS FOR 10 FOOT OF CHAIN)			
N.S.	1	24251-032	#80 MASTER LINK
N.S.	1	24251-033	#80 HALF LINK
14	1	24132-224	2 7/16" DRIVEN BUSHING
15	1	24265-825	80Q32 DRIVEN SPROCKET
16	1	26737-284	45 C.I. HYDRAULIC MOTOR
16A	4	21171-143	1/2" LOCKWASHERS
16B	4	21624-255	1/2" X 1 1/2" GR 8 BOLTS
17	1	30880-701	TORQUE ARM GUARD
17A	2	21161-041	5/16" HARD FLAT WASHERS
17B	2	21624-051	5/16" X 1/2" GR 8 BOLTS
18	1	30876-701	TORQUE ARM
19	1	24114-726	B-LOC BEARING
20	2	23918-629	2 7/16" FLANGE BEARINGS
20A	4	21171-115	5/8" LOCKWASHERS
20B	4	21624-354	5/8" X 1 3/4" GR 8 BOLTS
21	1	40941-462	BTMFEED WHEEL ASSY
22	1	40598-462	CLEANOUT DOOR
23	2	21129-054	LYNCH PIN
24	2	22511-120	3/4" X 2" EYEBOLTS
24A	2	21733-308	3/4" NYLOC NUTS
24B	6	21161-047	3/4" HARD FLAT WASHERS
25	2	24741-623	SPRINGS
26	2	21711-029	5/8" X 7" EYEBOLTS
26A	4	21731-070	5/8" GR 8 NUTS
27	1	40946-462	GUARD
27A	6	21620-103	BOLTS

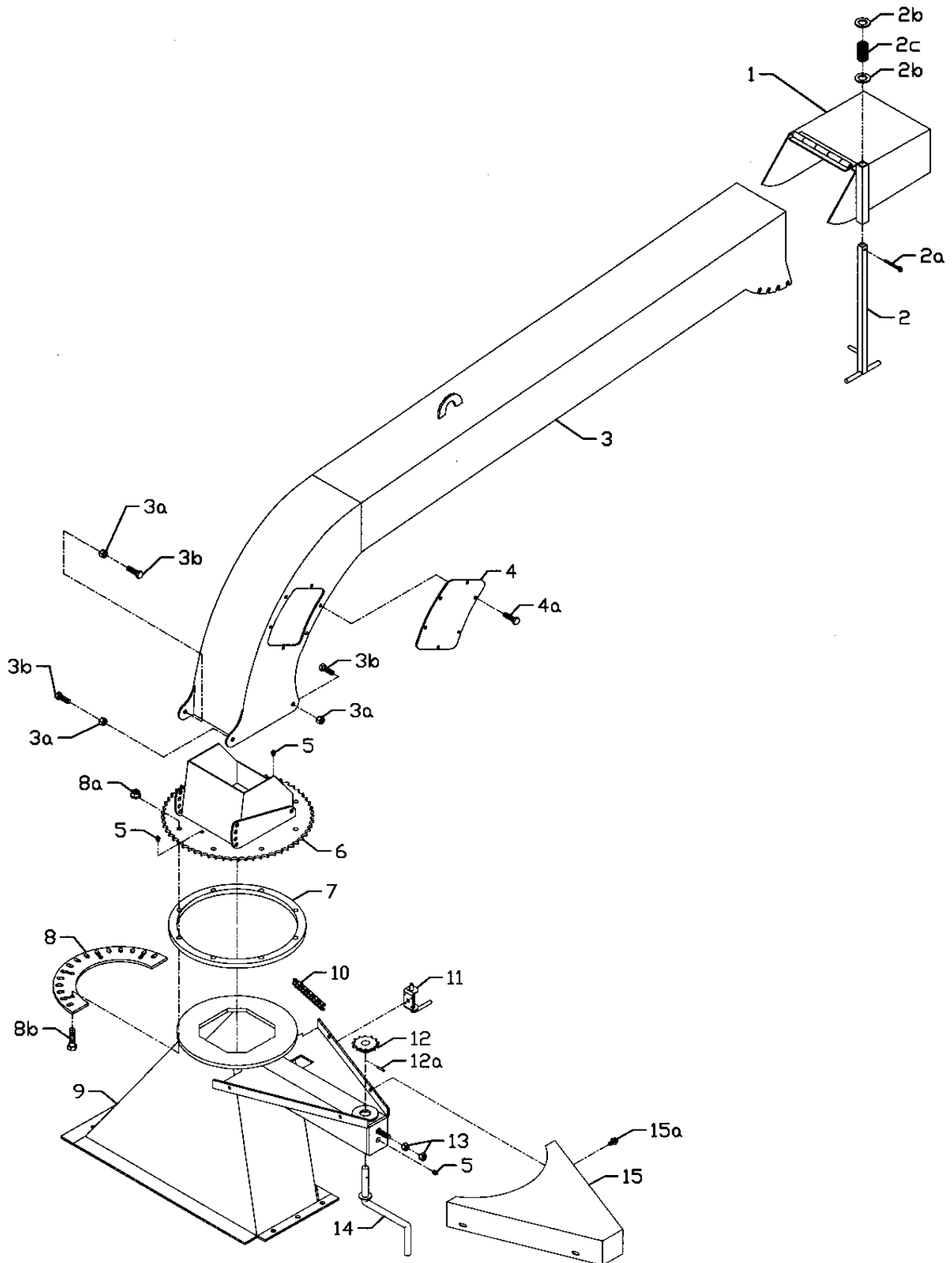
OBM DISCHARGE COMPONENTS



OBM DISCHARGE COMPONENTS

<u>ITEM</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	40444-462	DISCHARGE FLIPPER ASSY
2	1	40115-462	FLIPPER HANDLE ASSY
2A	1	21126-041	COTTER PIN
2B	2	21161-048	7/8" HARD FLAT WASHERS
2C	1	26664-315	SPRING
3	1	40735-462	DISCHARGE ASSY W/CLEANOUT
N.S.	1	40469-462	DISCHARGE ASSY
3A	4	21733-305	1/2" NYLOC NUTS
3B	4	21624-255	1/2" X 1 1/2" GR 8 BOLTS
4	3	26891-001	GREASE ZERKS
5	1	40748-462	SWIVEL/TILT ASSY
6	1	31056-462	SPACER RING
7	2	30657-452	CLAMPS
7A	8	21733-409	1/2" STOVER NUTS
7B	8	21624-258	1/2" X 2 1/4" GR 8 BOLTS
8	1	40891-462	MANUAL CRANK ASSY
9	1	30472-452	HANDLE PIN
9A	1	21154-015	ROLL PIN
9B	1	24741-085	SPRING
9C	1	23112-280	7/8" FLAT WASHER

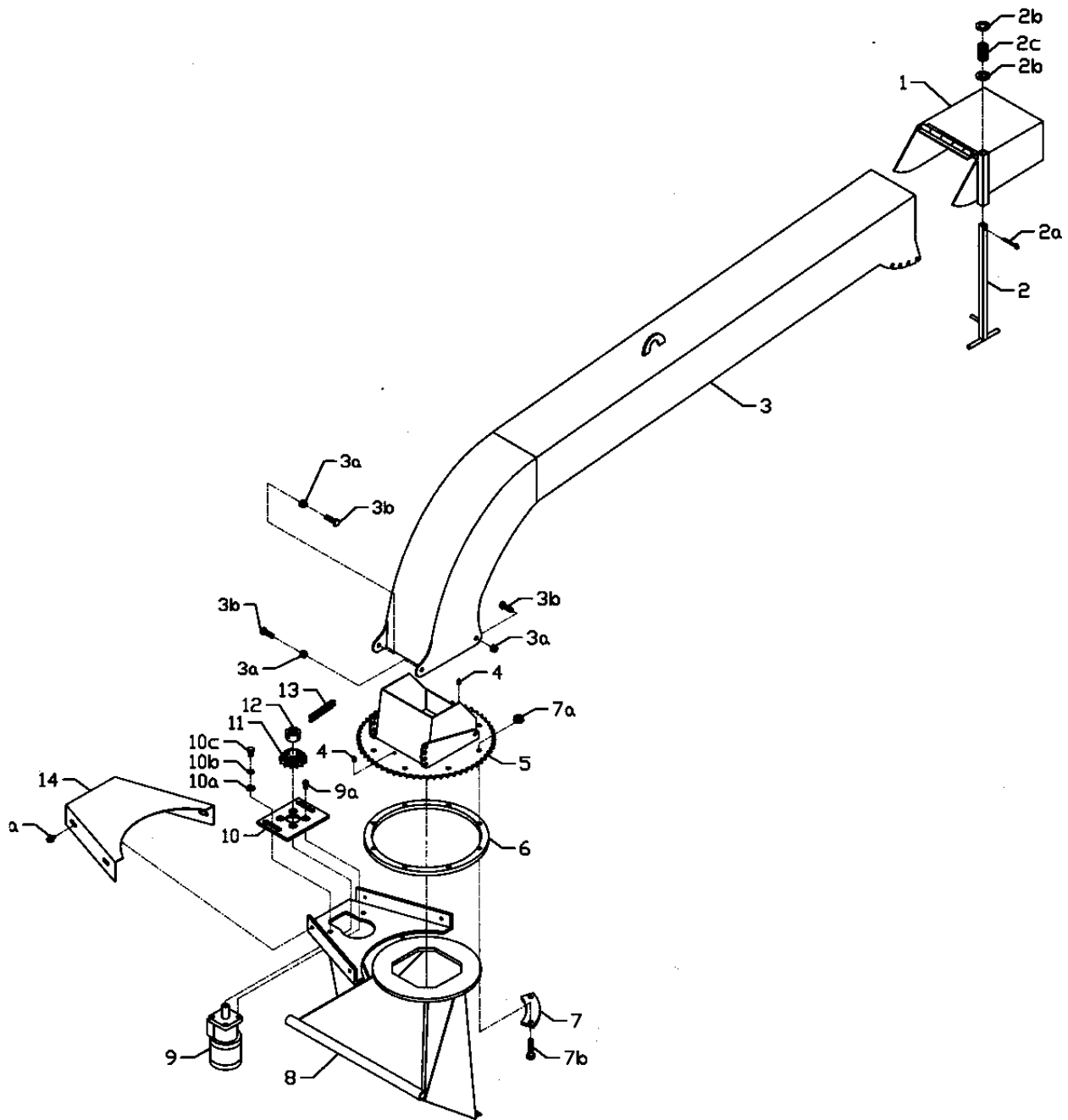
MAN DISCHARGE COMPONENTS



MAN DISCHARGE COMPONENTS

<u>ITEM</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	40444-462	FLIPPER ASSY
2	1	40115-061	HANDLE ASSY
2A	1	21126-041	COTTER PIN
2B	2	21161-048	7/8" FLAT WASHERS
2C	1	26664-315	SPRING
3	1	40462-452	DISCHARGE ASSY
N.S.	1	40459-452	DISCHARGE ASSY W/O CLEANOUT
3A	4	21733-305	1/2" NYLOC NUTS
3B	4	21624-255	1/2" X 1 1/2" GR 8 BOLTS
4	1	31663-462	CLEAN OUT COVER (OPTIONAL)
4A	6	21620-103	3/8" X 3/4" BOLTS
5	3	26891-001	GREASE ZERKS
6	1	40461-452	SWIVEL/TILT ASSY
7	1	31056-462	SPACER RING
8	2	30759-452	CLAMP RINGS
8A	8	21733-409	1/2" STOVER NUTS
8B	8	21624-258	1/2" X 2 1/4" GR 8 BOLTS
9	1	40473-452	MANUAL CRANK ASSY
	1	40937-462	MANUAL CRANK ASSY (DUST SUPPRESSION)
10	1	24251-025	#60 CHAIN
(NOTE THE ABOVE NUBER IS FOR 10 FOOT OF CHAIN)			
N.S.	1	24251-027	#60 MASTER LINK
N.S.	1	24251-028	#60 HALF LINK
11	1	24717-273	PIN
12	1	24264-102	60B10 SPROCKET
12A	1	21133-151	PIN DOWEL
13	2	21731-068	1/2" GR 8 NUTS
14	1	40324-452	CRANK HANDLE ASSY
15	1	30595-452	COVER
15A	4	21620-103	3/8" X 3/4" BOLT/WASHERS

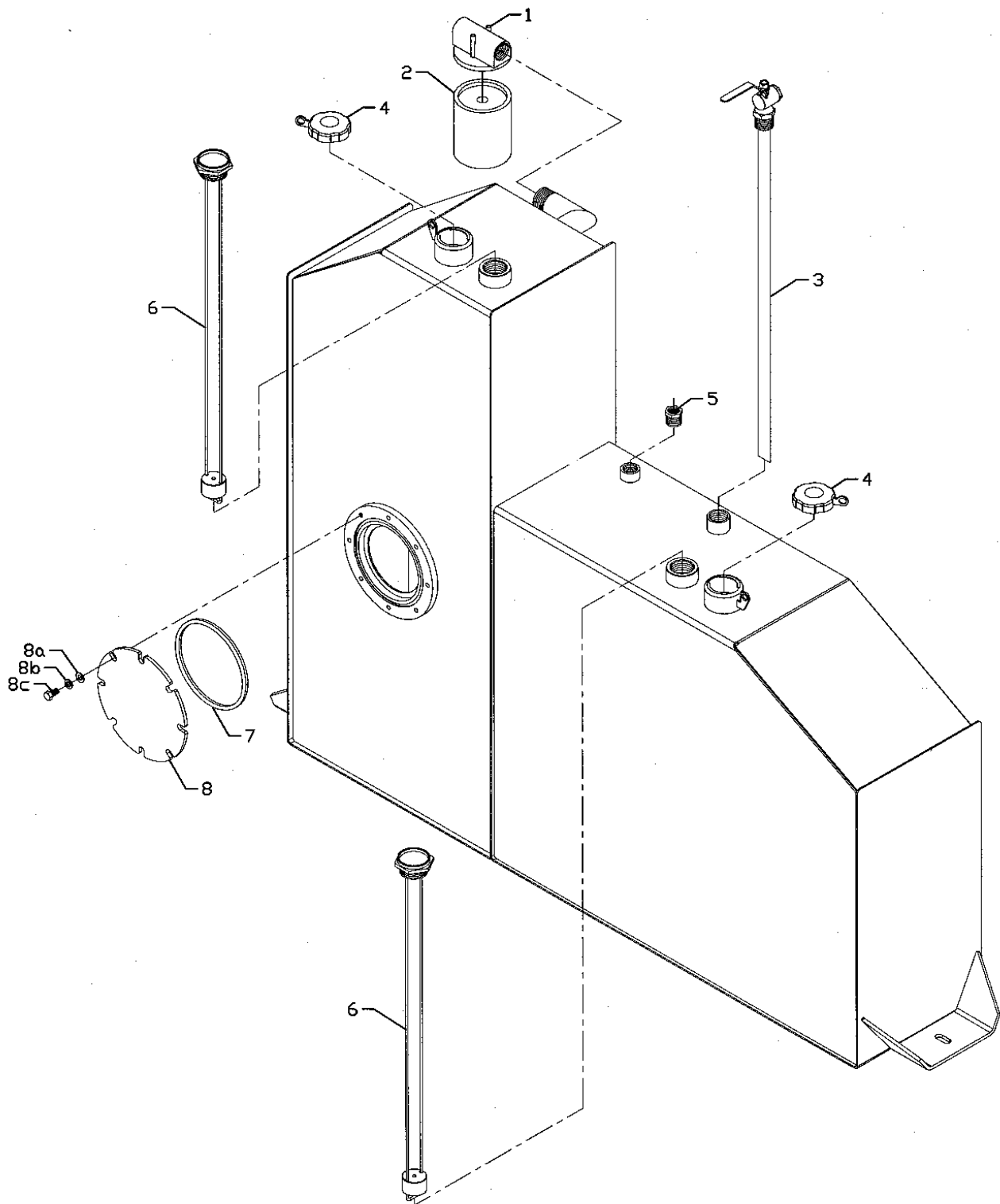
HYD DISCHARGE COMPONENTS



HYD DISCHARGE COMPONENTS

<u>ITEM</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	40444-462	DISCHARGE FLIPPER ASSY
2	1	40115-061	FLIPPER HANDLE ASSY
2A	1	21126-041	COTTER PIN
2B	2	21161-048	7/8" FLAT WASHERS
2C	1	26664-315	SPRING
3	1	40469-462	DISCHARGE ASSY
N.S.	1	40735-462	DISCHARGE ASSY W/CLEANOUT
3A	4	21733-305	1/2" NYLOC NUTS
3B	4	21624-255	1/2" X 1 1/2" GR 8 BOLTS
4	2	26891-001	GREASE ZERKS
5	1	40748-462	SWIVEL/TILT ASSY
6	1	31056-462	SPACER RING
7	4	31366-460	CLAMPS
7A	8	21733-409	1/2" STOVER NUTS
7B	8	21624-258	1/2" X 2 1/4" GR 8 BOLTS
8	1	40885-462	HYDRAULIC MOUNTING ASSY
9	1	26732-104	22 C.I. HYDRAULIC MOTOR
9A	4	21624-103	3/8" X 3/4" GR 8 BOLTS
10	1	31388-462	MOTOR MOUNTING PLATE
10A	2	21161-044	1/2" HARD FLAT WASHERS
10B	2	21171-143	1/2" LOCK WASHERS
10C	2	21624-253	1/2" X 1" GR 8 BOLTS
11	1	24264-306	60BTL13H DRIVE SPROCKET
12	1	24131-143	1" DRIVE BUSHING
13	1	24251-025	#60 CHAIN
(NOTE THE ABOVE NUBER IS FOR 10 FOOT OF CHAIN)			
N.S.	1	24251-027	#60 MASTER LINK
N.S.	1	24251-028	#60 HALF LINK
14	1	31390-462	COVER
14A	4	21620-105	3/8" X 1" BOLTS

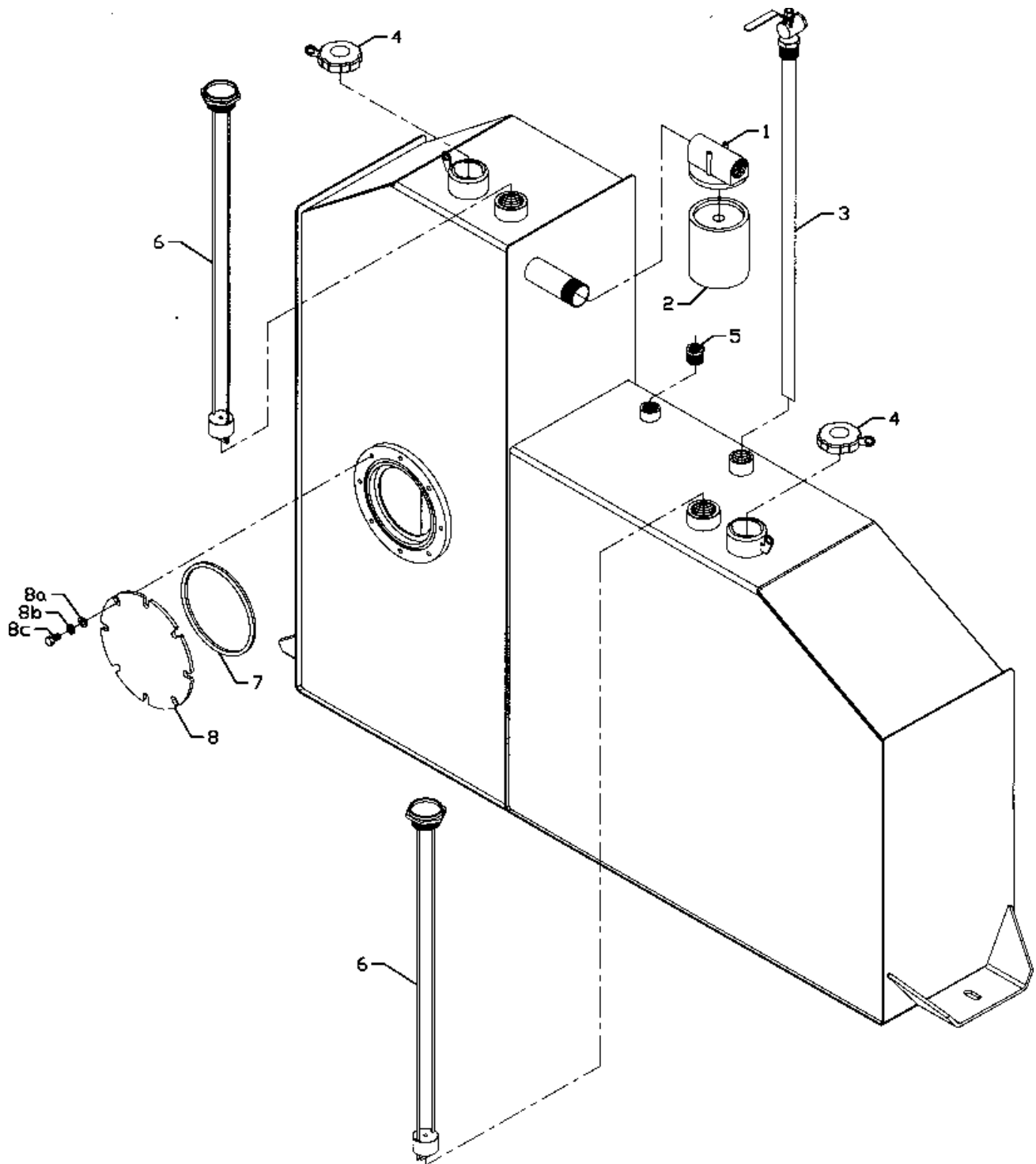
LOADER 65 GAL FUEL/ 41 GAL HYD TANK COMP



FUEL/HYD TANK COMPONENTS

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
		40924-462	HYD/FUEL TANK
1	1	26838-078	HYD FILTER HEAD
2	1	26838-085	FILTER ELEMENT
3	1	40685-462	DRAW TUBE ASSY
4	2	26849-150	TANK CAPS
5	1	30085-901	COUPLER
6	2	26849-044	SIGHT GAUGES
7	1	25152-362	SEAL
8	1	30539-452	CLEAN OUT DOOR
8A	8	21161-042	3/8" HARD FLAT WASHERS
8B	8	21171-111	3/8" LOCK WASHERS
8C	8	21624-105	3/8" X 1" GR 8 BOLTS
N.S.	4	24721-635	RUBBER GROMMETS
N.S.	1	26849-125	MAGNETIC DRAIN PLUG

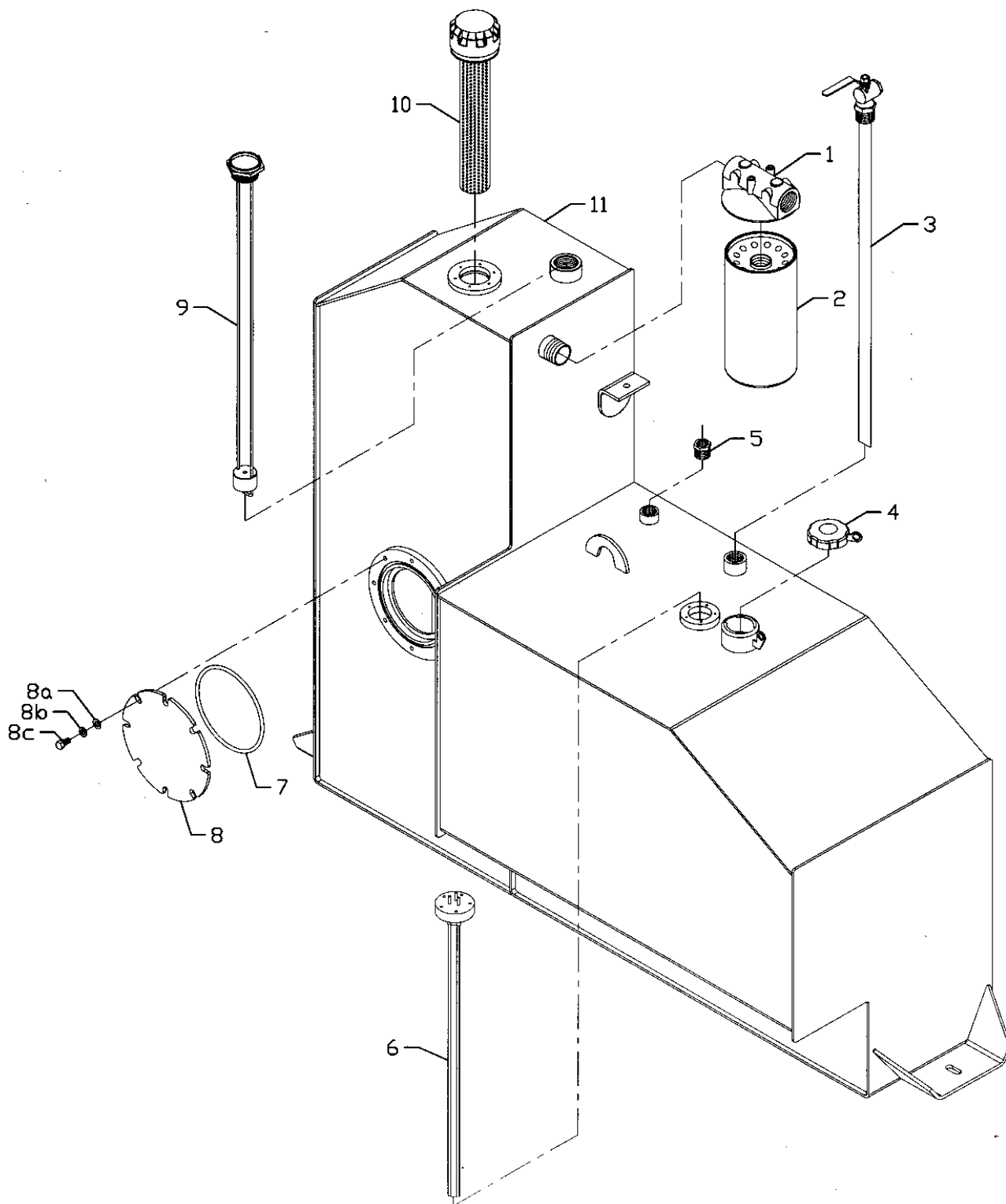
CAT LOADER 65 GAL FUEL/ 41 GAL HYD TANK COMP



FUEL/HYD TANK COMPONENTS

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
		40898-462	HYD/FUEL TANK
1	1	26838-078	HYD FILTER HEAD
2	1	26838-085	FILTER ELEMENT
3	1	40685-462	DRAW TUBE ASSY
4	2	26849-150	TANK CAPS
5	1	30085-901	COUPLER
6	2	26849-044	SIGHT GAUGES
7	1	25152-362	SEAL
8	1	30539-452	CLEAN OUT DOOR
8A	8	21161-042	3/8" HARD FLAT WASHERS
8B	8	21171-111	3/8" LOCK WASHERS
8C	8	21624-105	3/8" X 1" GR 8 BOLTS
N.S.	4	24721-635	RUBBER GROMMETS
N.S.	1	26849-125	MAGNETIC DRAIN PLUG

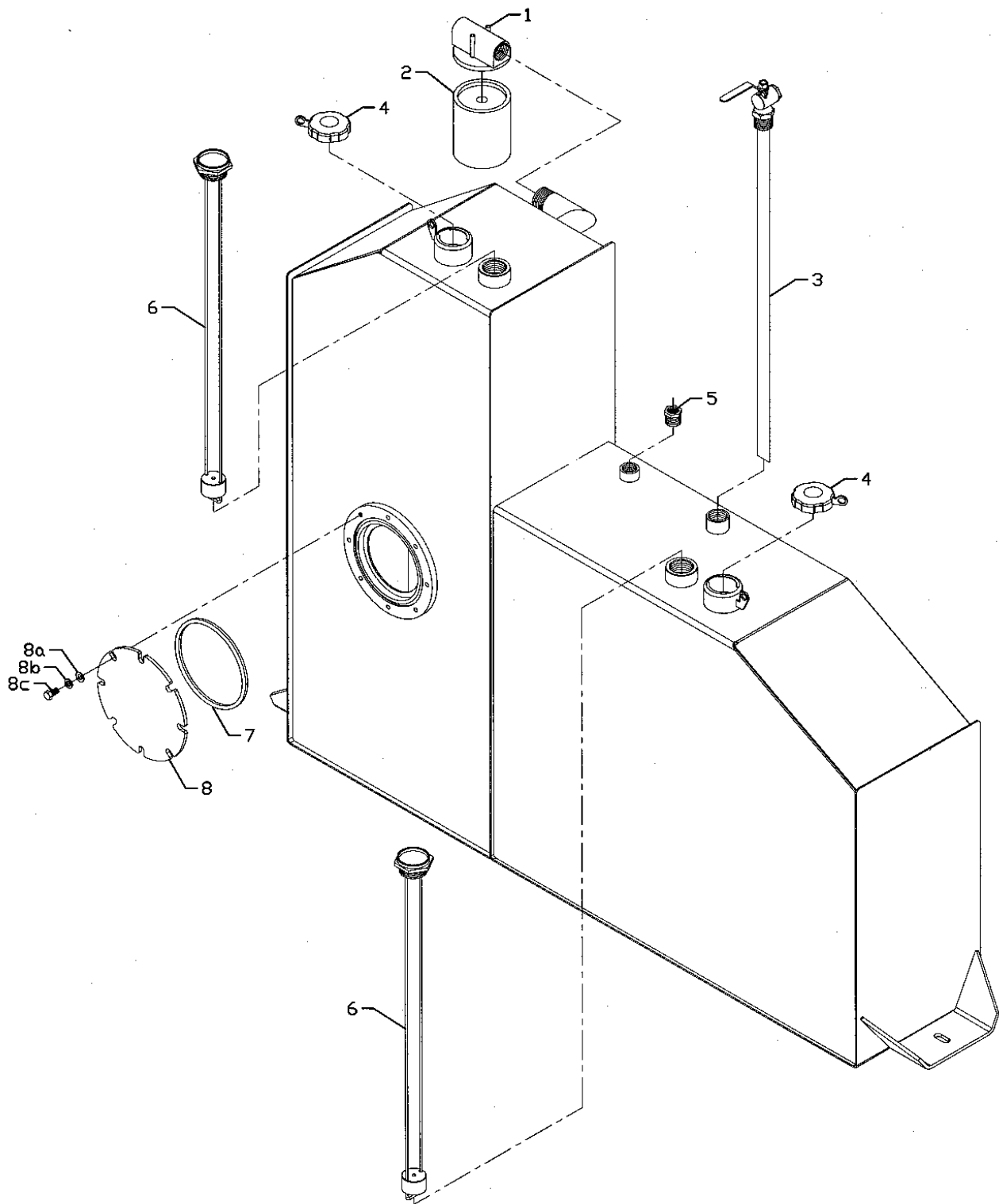
CALIFORNIA 65 GAL FUEL/ 41 GAL HYD TANK COMP



FUEL/HYD TANK COMPONENTS

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	1	26838-078	HYD FILTER HEAD
2	1	26838-085	FILTER ELEMENT
3	1	40685-462	DRAW TUBE ASSY
4	2	26849-150	TANK CAPS
5	1	25312-009	COUPLER
6	1	29317-143	SIGHT GAUGE
7	1	25152-362	SEAL
8	1	30639-452	CLEAN OUT DOOR
8A	8	21161-042	3/8" HARD FLAT WASHERS
8B	8	21171-111	3/8" LOCK WASHERS
8C	8	21624-103	3/8" X 3/4" GR 8 BOLTS
9	1	26849-044	SIGHT GAUGE
10	1	26849-106	FILTER
11	1	40953-462	HYD/FUEL TANK
N.S.	4	24721-635	RUBBER GROMMETS
N.S.	1	26849-125	MAGNETIC DRAIN PLUG

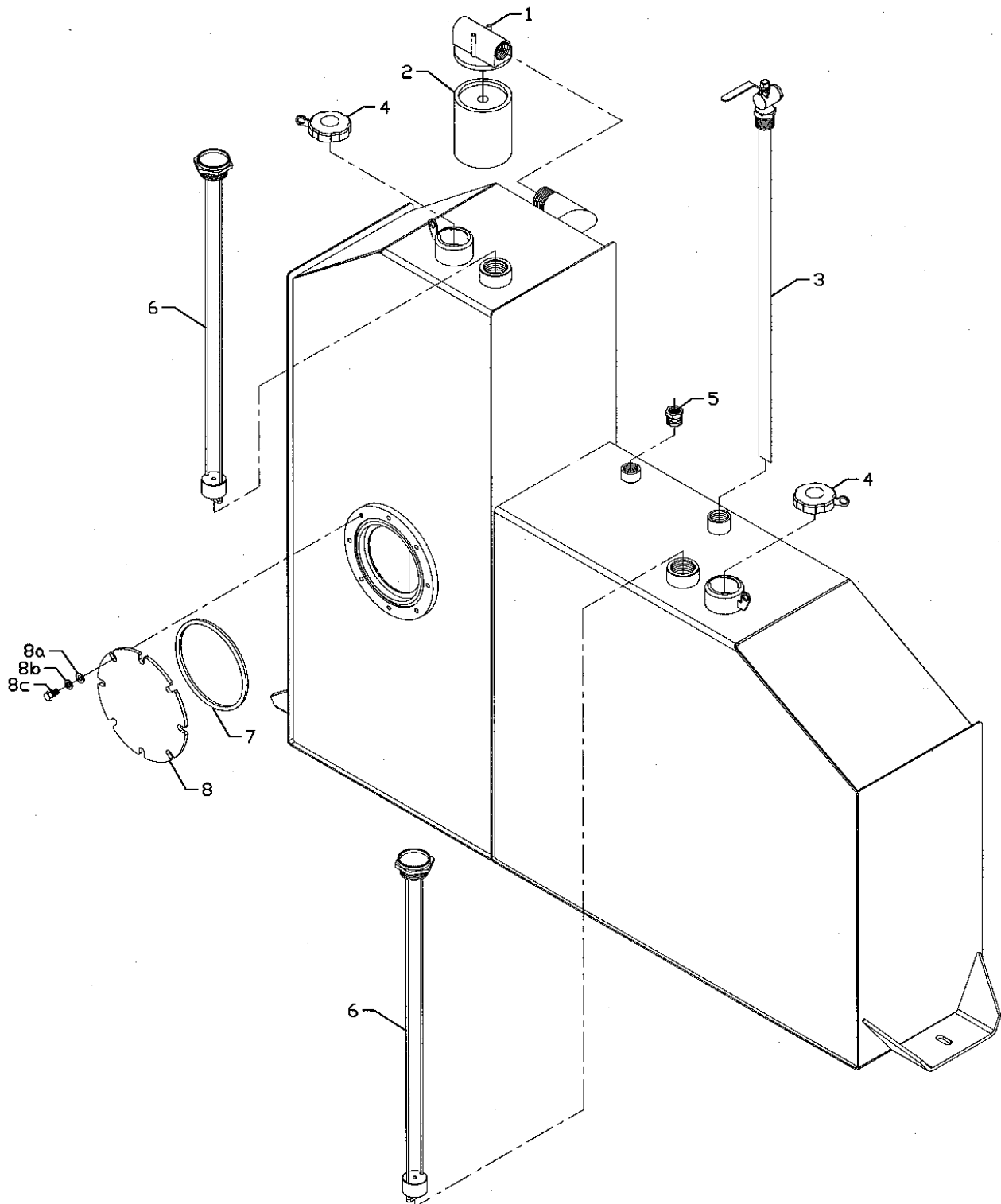
65 GAL FUEL/ 41 GAL HYD TANK COMPONENTS



FUEL/HYD TANK COMPONENTS

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
		40922-462	HYD/FUEL TANK
1	1	26838-078	HYD FILTER HEAD
2	1	26838-085	FILTER ELEMENT
3	1	40685-462	DRAW TUBE ASSY
4	2	26849-150	TANK CAPS
5	1	30085-901	COUPLER
6	2	26849-044	SIGHT GAUGES
7	1	25152-362	SEAL
8	1	30539-452	CLEAN OUT DOOR
8A	8	21161-042	3/8" HARD FLAT WASHERS
8B	8	21171-111	3/8" LOCK WASHERS
8C	8	21624-105	3/8" X 1" GR 8 BOLTS
N.S.	4	24721-635	RUBBER GROMMETS

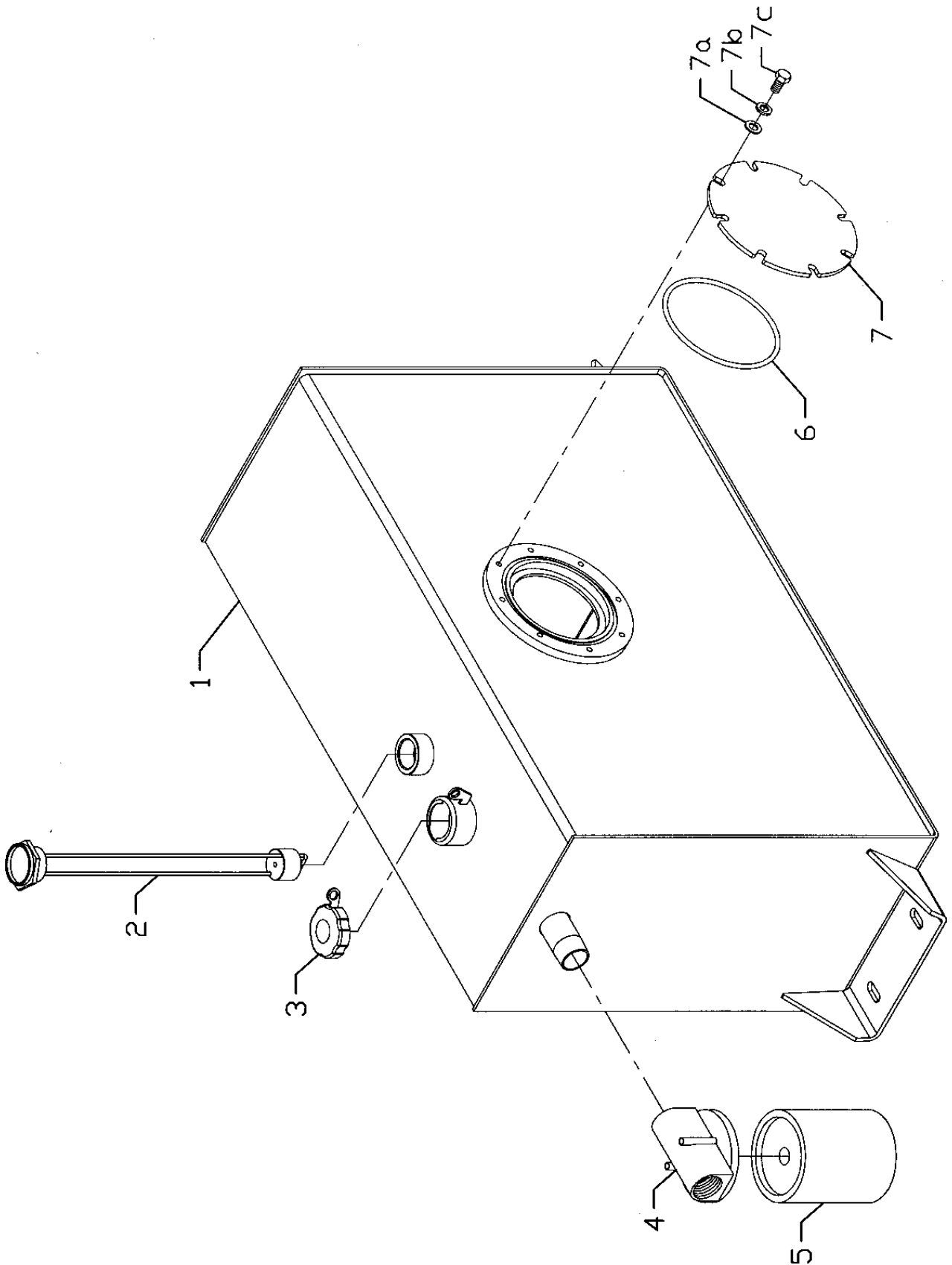
45 GAL FUEL/41 GAL HYD TANK COMPONENTS



FUEL/HYD TANK COMPONENTS

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
		40905-462	HYD/FUEL TANK
1	1	26838-078	HYD FILTER HEAD
2	1	26838-085	FILTER ELEMENT
3	1	40685-462	DRAW TUBE ASSY
4	2	26849-150	TANK CAPS
5	1	30085-901	COUPLER
6	2	26849-044	SIGHT GAUGES
7	1	25152-362	SEAL
8	1	30539-452	CLEAN OUT DOOR
8A	8	21161-042	3/8" HARD FLAT WASHERS
8B	8	21171-111	3/8" LOCK WASHERS
8C	8	21624-105	3/8" X 1" GR 8 BOLTS
N.S.	4	24721-635	RUBBER GROMMETS

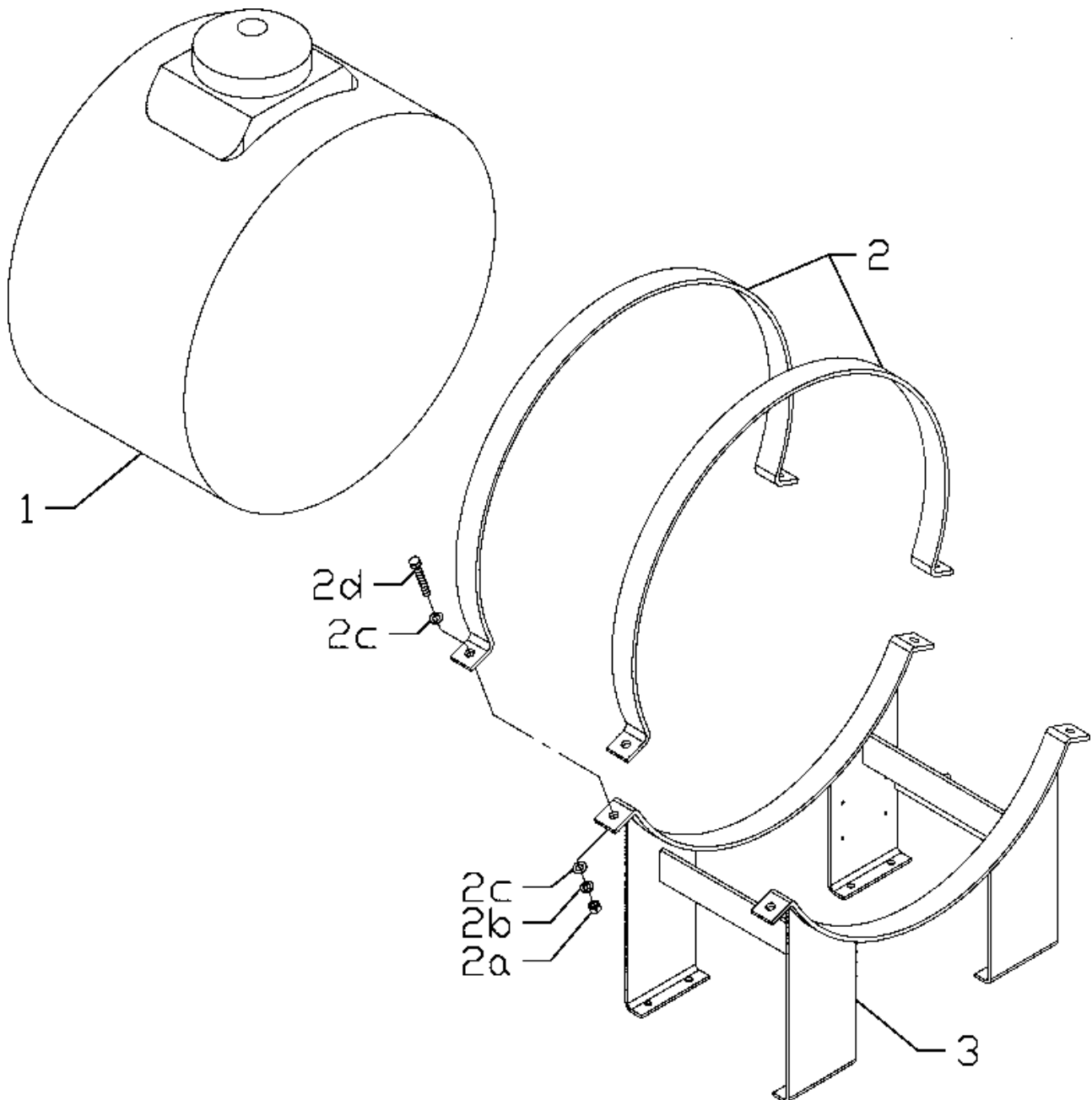
OBM TANK COMPONENTS



OBM TANK COMPONENTS

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	1	40883-462	HYD TANK
2	1	26849-040	SIGHT GAUGE
3	1	26849-150	TANK CAP
4	1	26838-078	HYD FILTER HEAD
5	1	26838-085	FILTER ELEMENT
6	1	25152-362	SEAL
7	1	30539-452	CLEAN OUT DOOR
7A	8	21161-042	3/8" HARD FLAT WASHERS
7B	8	21171-111	3/8" LOCK WASHERS
7C	8	21624-105	3/8" X 1" GR 8 BOLTS
N.S.	4	24721-635	RUBBER GROMMETS

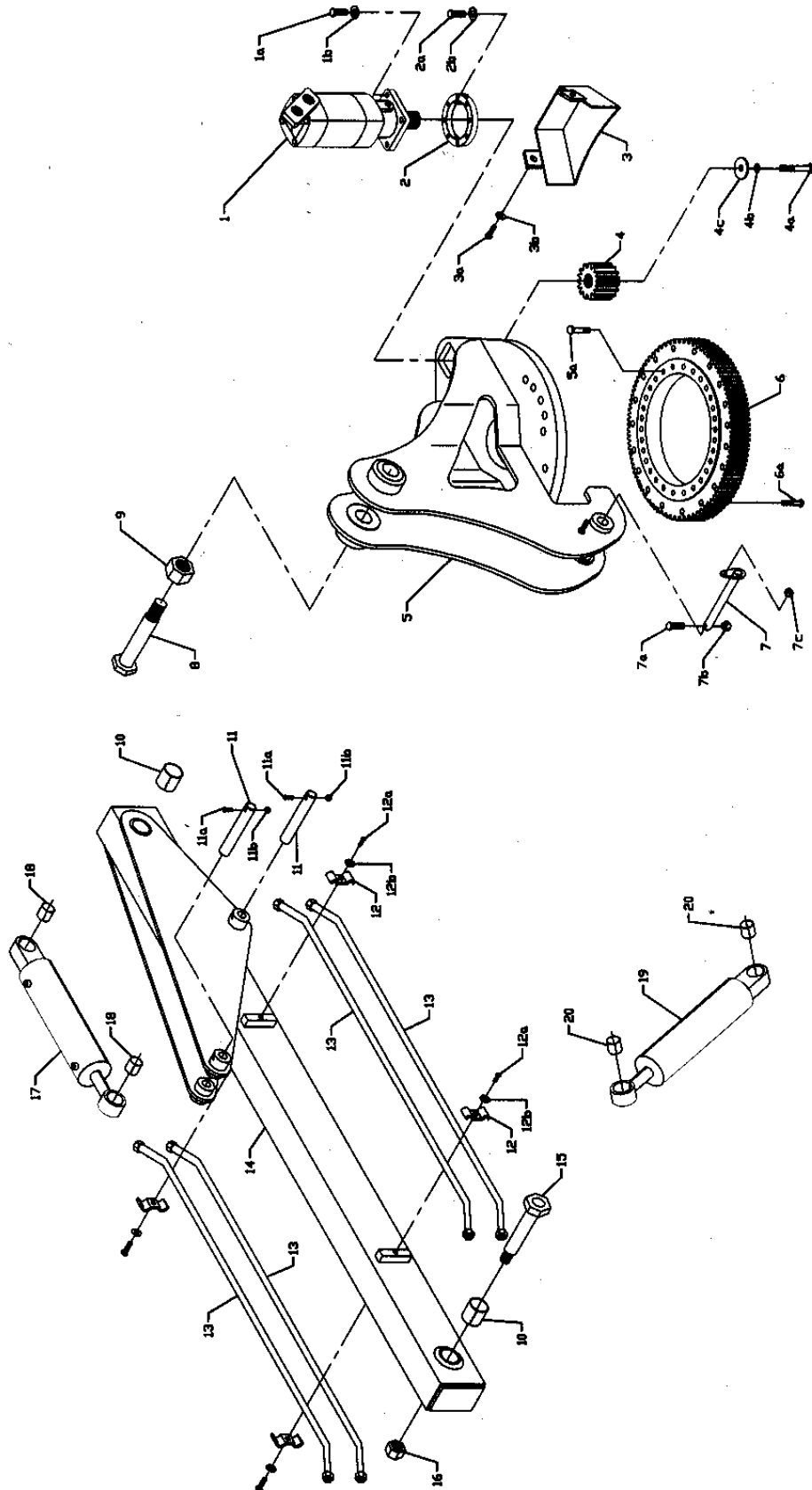
DUST SUPPRESSION COMPONENTS



DUST SUPPRESSION COMPONENTS

<u>ITEM</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	29818-616	DUST SUPPRESSOR
2	2	32088-460	MOUNTING CLAMPS
2A	4	21731-066	3/8" GR 8 NUTS
2B	4	21171-111	3/8" LOCKWASHERS
2C	8	21161-042	3/8" HARD FLAT WASHERS
2D	4	21624-111	3/8" X 2 1/2" GR 8 BOLTS
3	1	40049-451	MOUNT

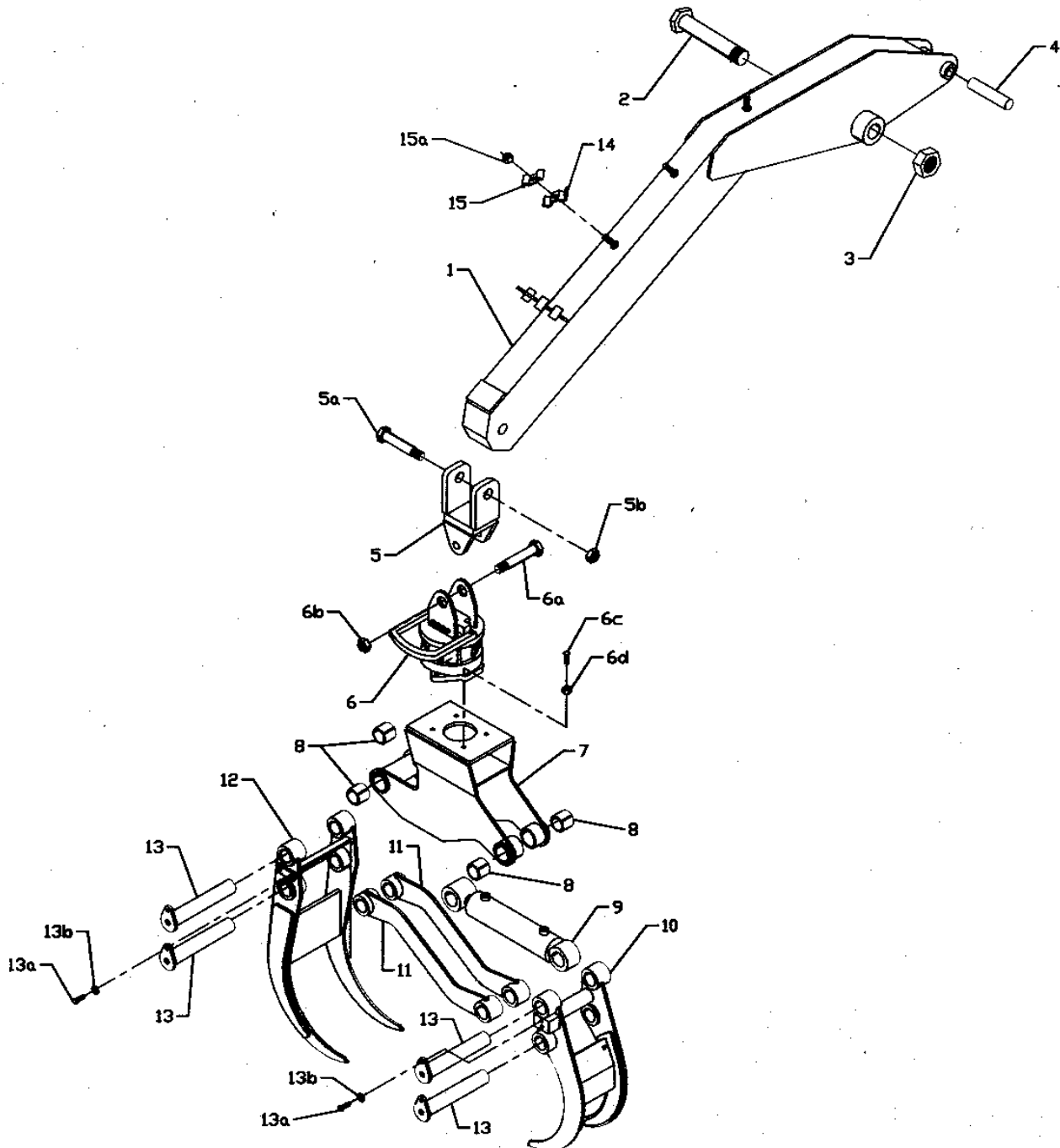
150 PED & MAIN BOOM COMPONENTS



150 PED & MAIN BOOM COMPONENTS

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	1	26730-701	PEDESTAL TURN MOTOR
1A	4	21624-256	1/2" X 1 3/4" GR 8 BOLTS
1B	4	21161-044	1/2" HARD FLAT WASHERS
2	1	31579-462	MOUNTING BLOCK
2A	8	21624-254	1/2" X 1 1/4" GR 8 BOLTS
2B	8	21161-044	1/2" HARD FLAT WASHERS
3	1	40018-869	TURN MOTOR MOUNT
3A	2	21624-105	3/8" X 1" GR 8 BOLTS
3B	2	21161-042	3/8" HARD FLAT WASHERS
4	1	24551-158	SPUR GEAR
4A	1	21624-107	3/8" X 1 1/2" GR 8 BOLTS
4B	1	21161-042	3/8" HARD FLAT WASHERS
4C	1	30437-888	FLAT WASHER
5	1	40014-462	PEDESTAL
5A	30	21624-409	3/4" X 3" GR 8 BOLTS
6	1	23929-246	PEDESTAL RING
6A	19	21624-410	3/4" X 3 1/4" GR 8 BOLTS
7	1	40127-461	PIN
7A	1	21624-108	3/8" X 1 3/4" GR 8 BOLTS
7B	1	21733-303	3/8" NYLOC NUT
7C	1	21733-303	3/8" NYLOC NUT
8	1	40188-461	2" X 12" CHROME PIN
9	1	21733-144	2" SELF LOCKING NUT
10	2	23128-018	SPLIT STEEL BUSHINGS
11	2	30986-461	CYLINDER PINS
11A	2	21624-113	3/8" X 3" GR 8 BOLTS
11B	2	21733-303	3/8" NYLOC NUTS
12	4	32001-701	TUBE & HOSE CLAMPS
12A	4	21624-257	1/2" X 2" GR 8 BOLTS
12B	4	21161-044	1/2" HARD FLAT WASHERS
13	4	48001-872	150 MAIN BOOM HYD TUBING
14	1	40002-872	MAIN BOOM
15	1	40187-461	MAIN TO JIB PIVOT PIN
16	1	21733-144	1 3/4" SELF LOCKING NUT
17	1	83625-955	3514 MAIN BOOM CYLINDER
18	2	23128-313	SPLIT STEEL BUSHINGS
19	1	83232-955	325 JIB BOOM CYLINDER
20	2	23128-313	SPLIT STEEL BUSHING
N.S.	1	40701-462	OPERATOR SHIELD ASSY
N.S.	2	26663-810	JOYSTICK CONTROLS
N.S.	1	39251-228	JOYSTICK ELECTRICAL CONTROL
N.S.	1	40741-462	ADJUSTABLE TRANSPORT BRACE

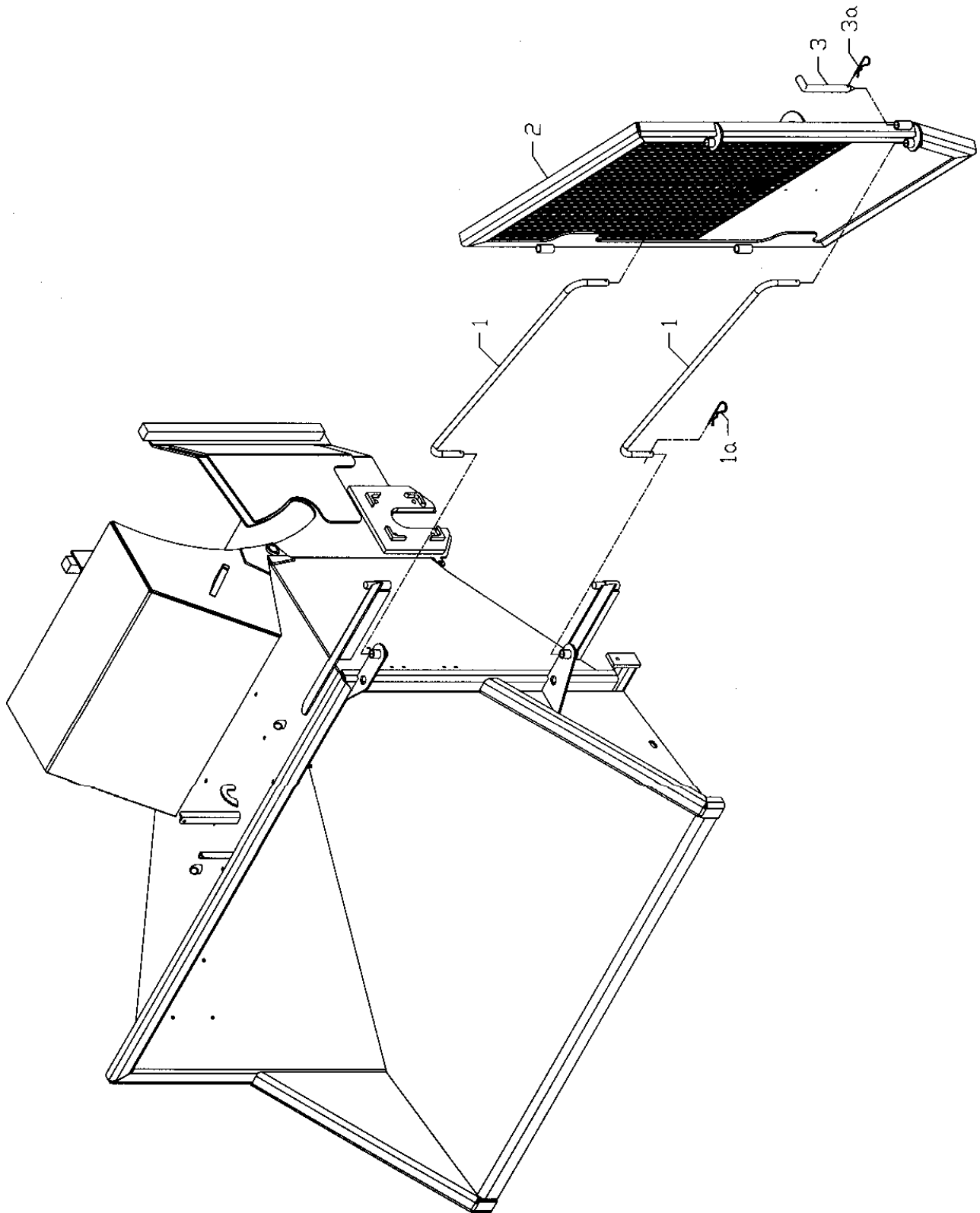
150 JIB & GRAPPLE COMPONENTS



150 JIB & GRAPPLE COMPONENTS

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	1	40003-872	JIB BOOM
2	1	40187-461	JIB PIVOT PIN
3	1	21733-144	1 3/4" NYLOCK NUT
4	1	30986-461	JIB PIN
5	1	40225-461	KNUCKLE
5A	1	40004-872	KNUCKLE PIVOT PIN
5B	1	22533-165	1" SELF LOCKING NUT
6	1	26823-501	ROTATOR HEAD
6A	1	30899-901	ROTATOR HEAD PIVOT PIN
6B	1	21733-310	1" NYLOCK NUT
6C	4	21624-353	5/8" X 1 1/2" GR 8 BOLTS
6D	4	22531-209	5/8" GR 8 HIGH NUTS
7	1	40108-894	461 GRAPPLE MAIN FRAME
8	4	23128-340	MAIN FRAME BUSHINGS
9	1	83088-955	HYD CYLINDER
10	1	40106-894	GRAPPLE NARROW JAW
11	2	40109-894	LINK ARM ASSEMBLIES
12	1	40107-894	GRAPPLE WIDE JAW
13	4	40110-894	GRAPPLE JAW PIVOT PINS
13A	4	21624-253	1/2" X 1" GR 8 BOLTS
13B	4	21161-044	1/2" HARD FLAT WASHERS
14	2	23128-313	JIB END BUSHINGS

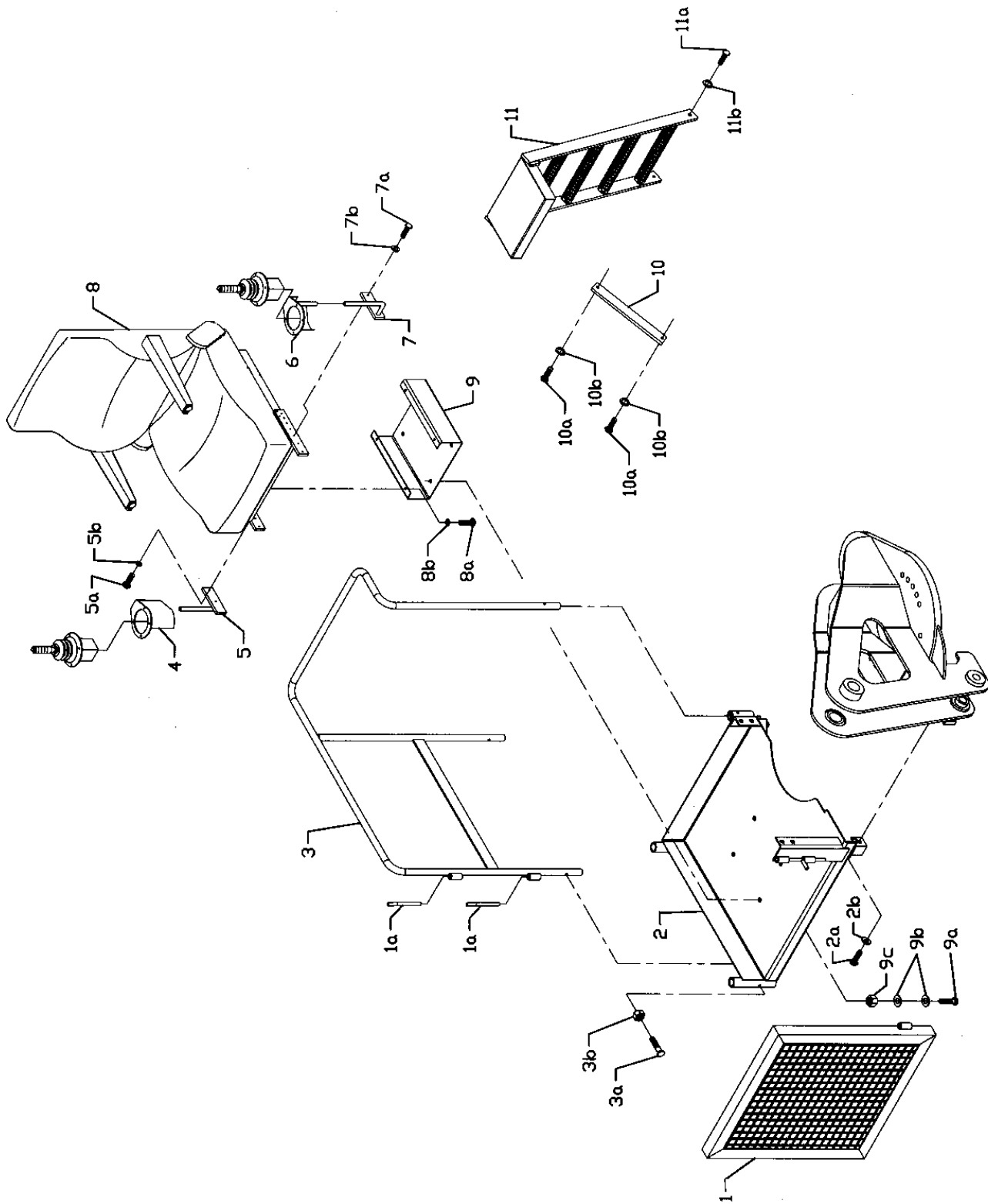
LOADER DOOR COMPONENTS



LOADER DOOR COMPONENTS

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	2	31658-462	TRANSPORT LOCK RODS
1A	4	21129-308	CLIPS
2	1	40818-462	LOADER DOOR
3	1	31616-462	LOCKING ROD
3A	1	21129-308	CLIP

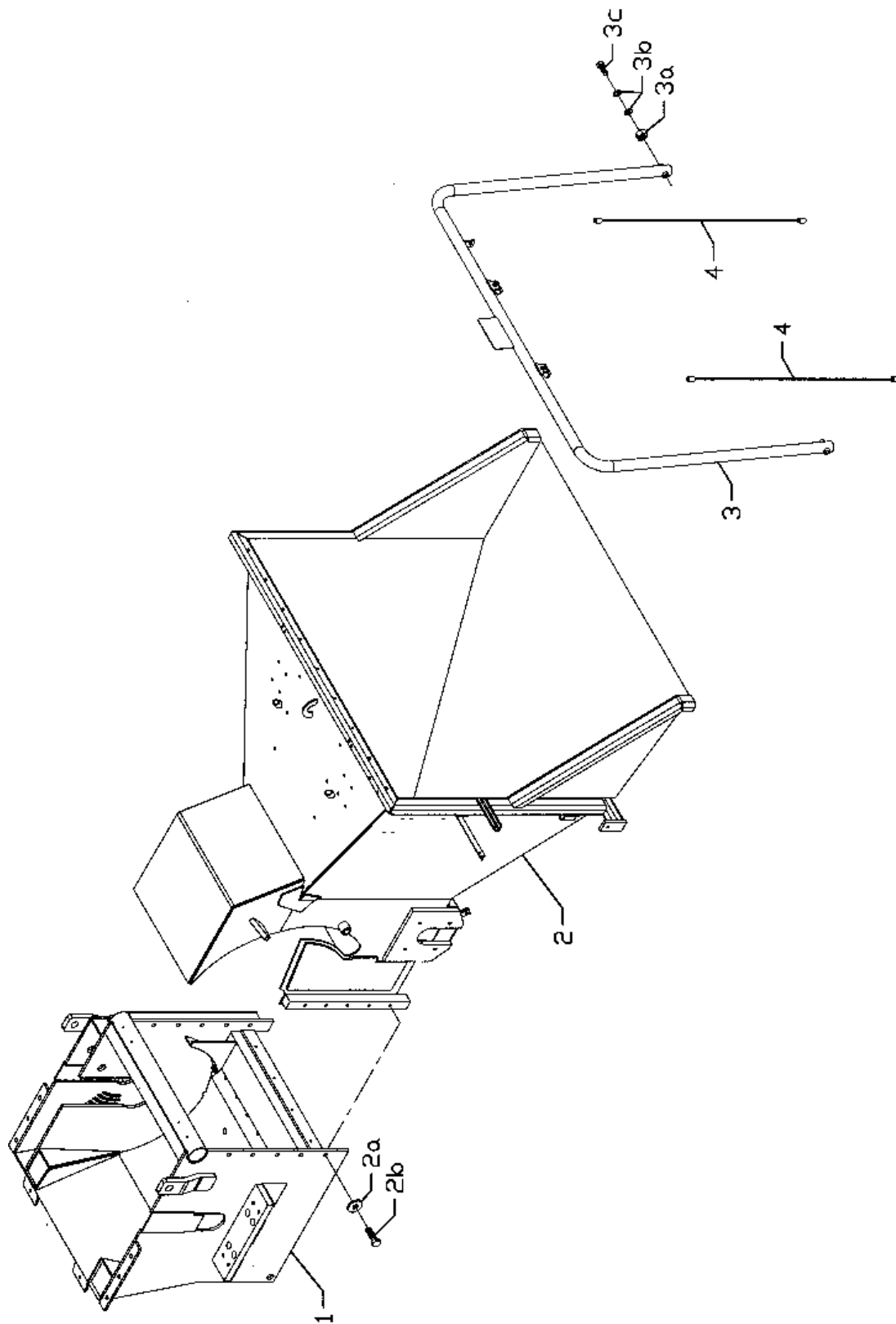
LOADER SEAT PLATFORM COMPONENTS



LOADER SEAT PLATFORM COMPONENTS

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	1	40896-462	DOOR
1A	2	31616-462	LOCKING RODS
2	1	40893-462	PLATFORM
2A	4	21624-351	5/8" X 1" GR 8 BOLTS
2B	4	21171-115	5/8" LOCKWASHERS
3	1	40895-462	GUARD RAIL
3A	3	21624-110	3/8" X 2 1/4" GR 8 BOLTS
3B	3	21733-303	3/8" NYLOC NUTS
4	1	40215-888	R.H. HEAT SHIELD
5	1	40185-888	R.H. JOYSTICK HOLDER
5A	2	21624-103	3/8" X 3/4" GR 8 BOLTS
5B	2	21161-042	3/8" HARD FLAT WASHERS
6	1	40200-888	L.H. HEAT SHIELD
7	1	40186-888	L.H. JOYSTICK HOLDER
7A	2	21624-103	3/8" X 3/4" GR 8 BOLTS
7B	2	21161-042	3/8" HARD FLAT WASHERS
8	1	29341-284	CAB SEAT
8A	4	21624-110	3/8" X 2 1/4" GR 8 BOLTS
8B	8	21161-042	3/8" HARD FLAT WASHERS
9	1	30145-869	SEAT MOUNT
9A	4	21624-110	3/8" X 2 1/4" GR 8 BOLTS
9B	4	21161-042	3/8" HARD FLAT WASHERS
9C	4	21731-222	3/8" GR 8 NUTS
10	1	31869-462	SUPPORT
10A	2	21624-254	1/2" X 1 1/4" GR 8 BOLTS
10B	2	21171-113	1/2" LOCKWASHERS
11	1	40908-462	LADDER
11A	2	21624-254	1/2" X 1 1/4" GR 8 BOLTS
11B	2	21171-113	1/2" LOCKWASHERS

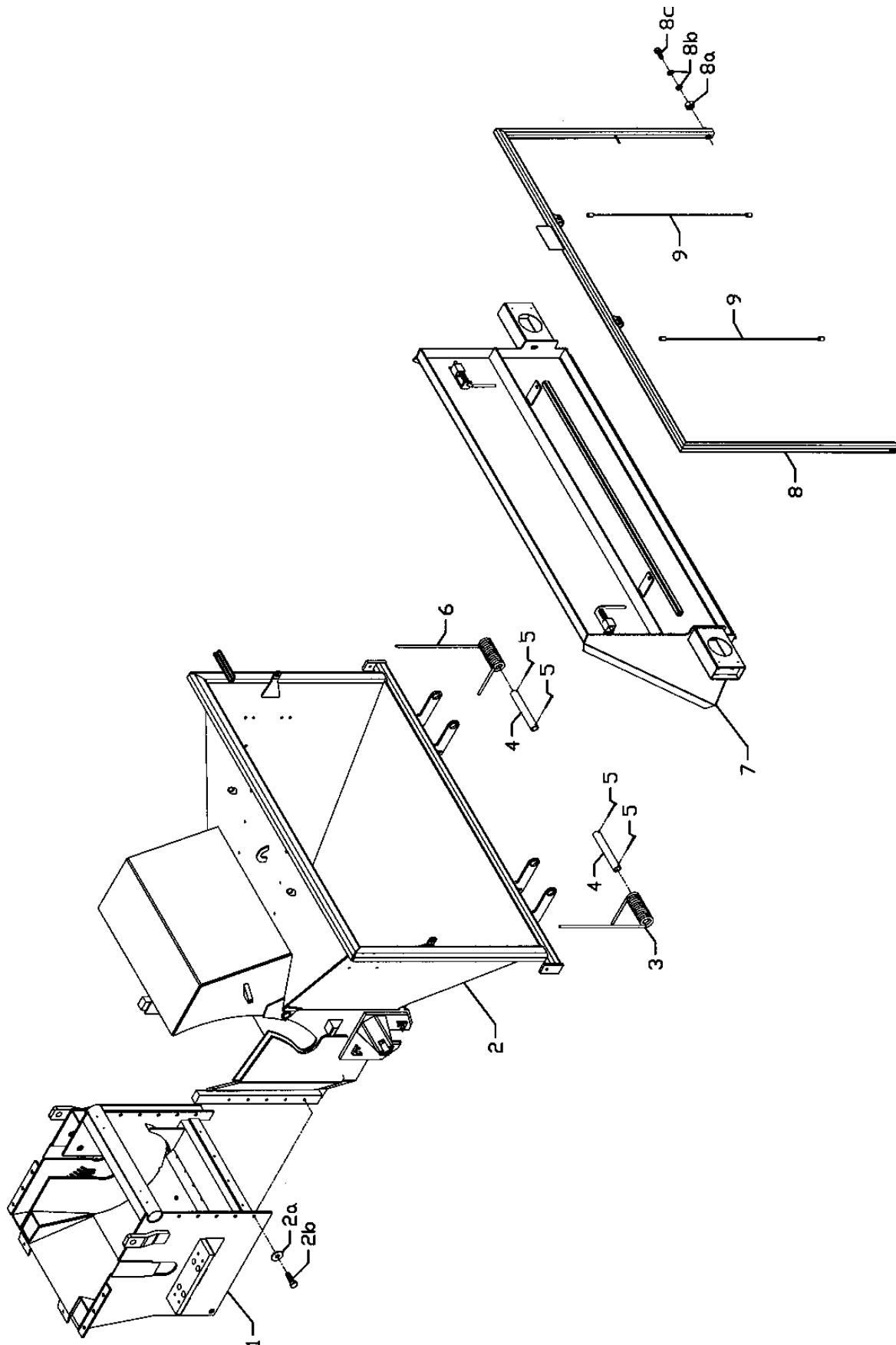
OBM INFEED COMPONENTS



OBM INFEED COMPONENTS

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	1	40581-462	BASE ASSY
2	1	40890-462	INFEED ASSY
2A	10	21161-044	1/2" HARD FLAT WASHERS
2B	10	21624-256	1/2" X 1 3/4" GR 8 BOLTS
3	1	40871-462	CONTROL BAR
3A	2	21733-305	1/2" NYLOC NUTS
3B	4	21161-044	1/2" HARD FLAT WASHERS
3C	2	21624-263	1/2" X 3 1/2" GR 8 BOLTS
4	2	24714-308	SAFETY CABLES
N.S.	1	40883-462	FRAME
N.S.	2	24717-270	LATCH PINS

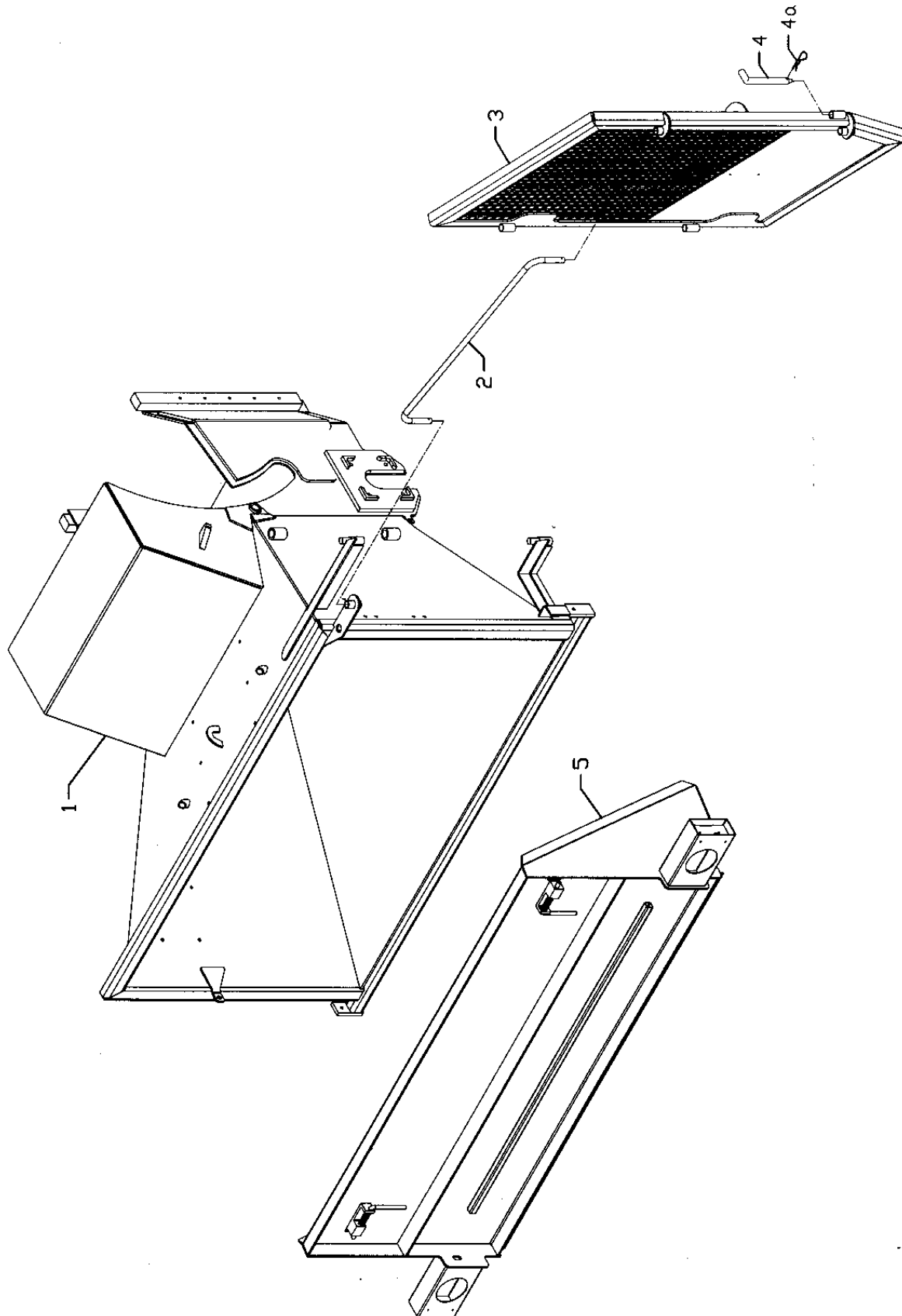
SPRING ASSIST INFEED COMPONENTS



SPRING ASSIST INFEED COMPONENTS

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	1	40581-462	BASE ASSY
2	1	40881-462	INFEED ASSY
2A	10	21161-044	1/2" HARD FLAT WASHERS
2B	10	21624-256	1/2" X 1 3/4" GR 8 BOLTS
3	1	39299-108	LEFT SPRING
4	2	30723-452	ROLLERS
5	4	21126-042	PINS
6	1	39299-107	RIGHT SPRING
7	1	40880-462	FOLDING INFEED TRAY
	1	40956-462	FOLDING TRAY W/LIGHT (OPTIONAL)
8	1	40876-462	HEAVY DUTY CONTROL BAR
	1	40578-462	CONTROL BAR
9	2	24714-308	SAFETY CABLES
8A	2	21733-305	1/2" NYLOC NUTS
8B	4	21161-044	1/2" HARD FLAT WASHERS
8C	2	21624-263	1/2" X 3 1/2" GR 8 BOLTS
N.S.	2	24717-270	1/2" LATCH PINS

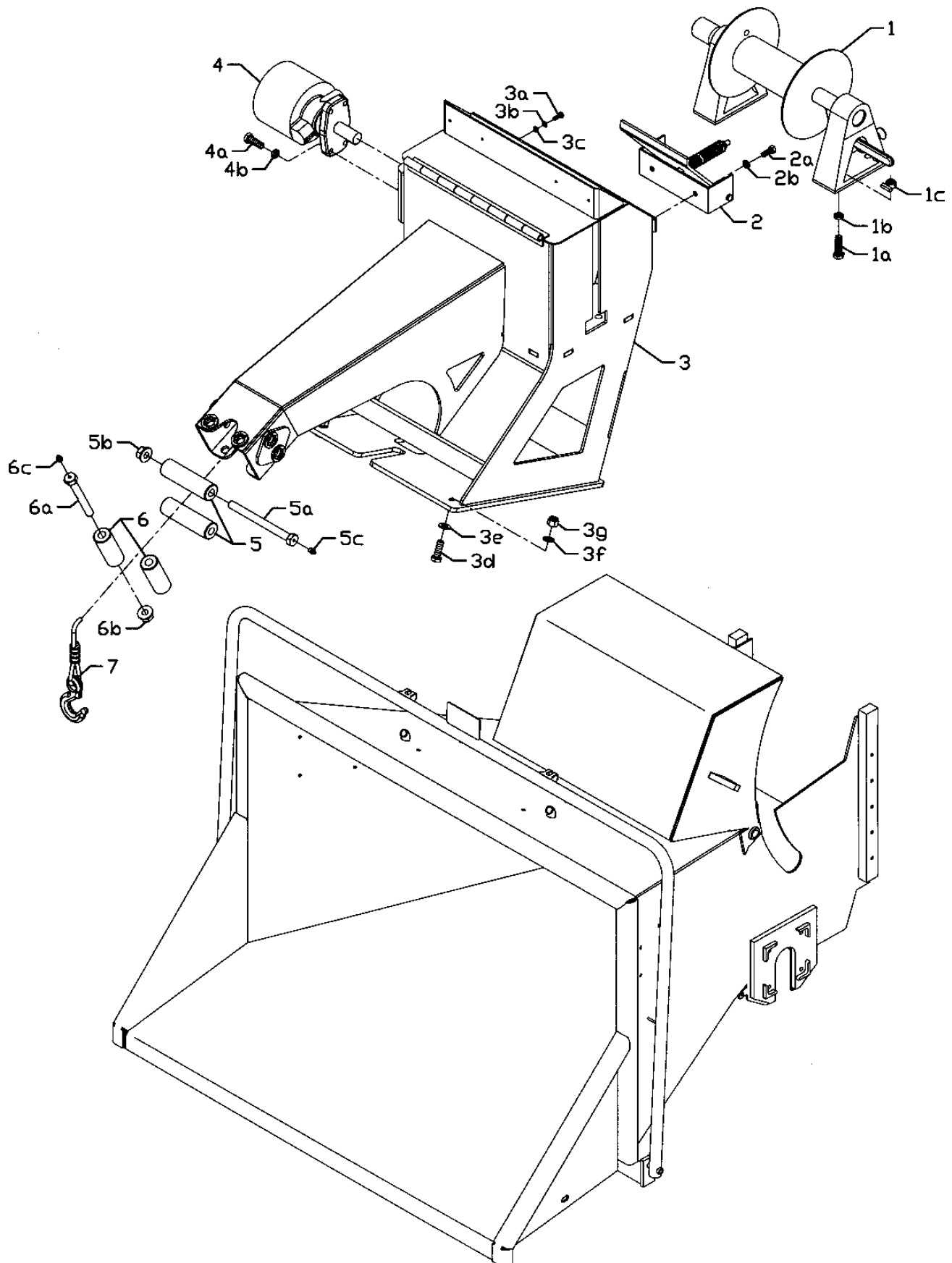
FOLDING INFEED COMPONENTS



FOLDING INFEED COMPONENTS

<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	1	40881-462	INFEED
2	2	31658-462	TRANSPORT LOCK RODS
3	1	40818-462	LOADER DOOR
4	1	31616-462	LOCKING ROD
4A	1	21129-308	CLIP
5	1	40836-462	FOLDING TRAY
	1	40956-462	FOLDING TRAY W/LIGHT (OPTIONAL)

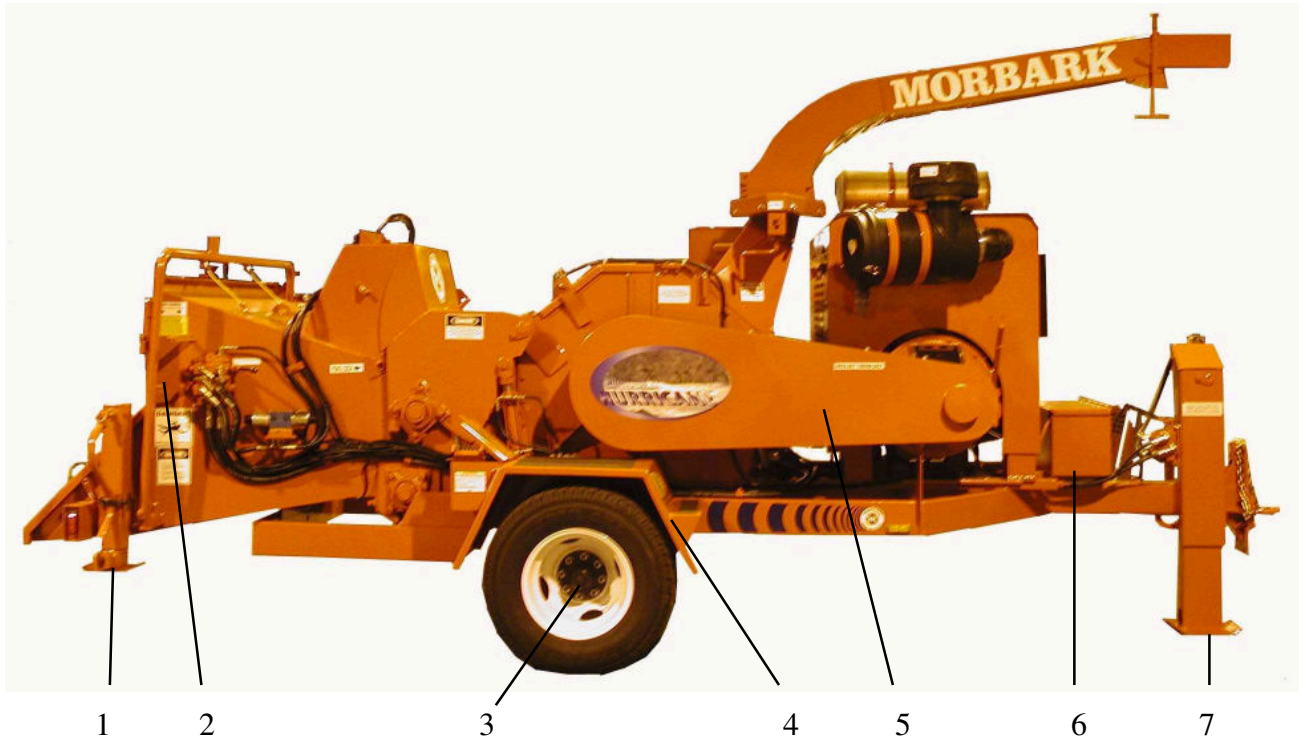
WINCH COMPONENTS



WINCH COMPONENTS

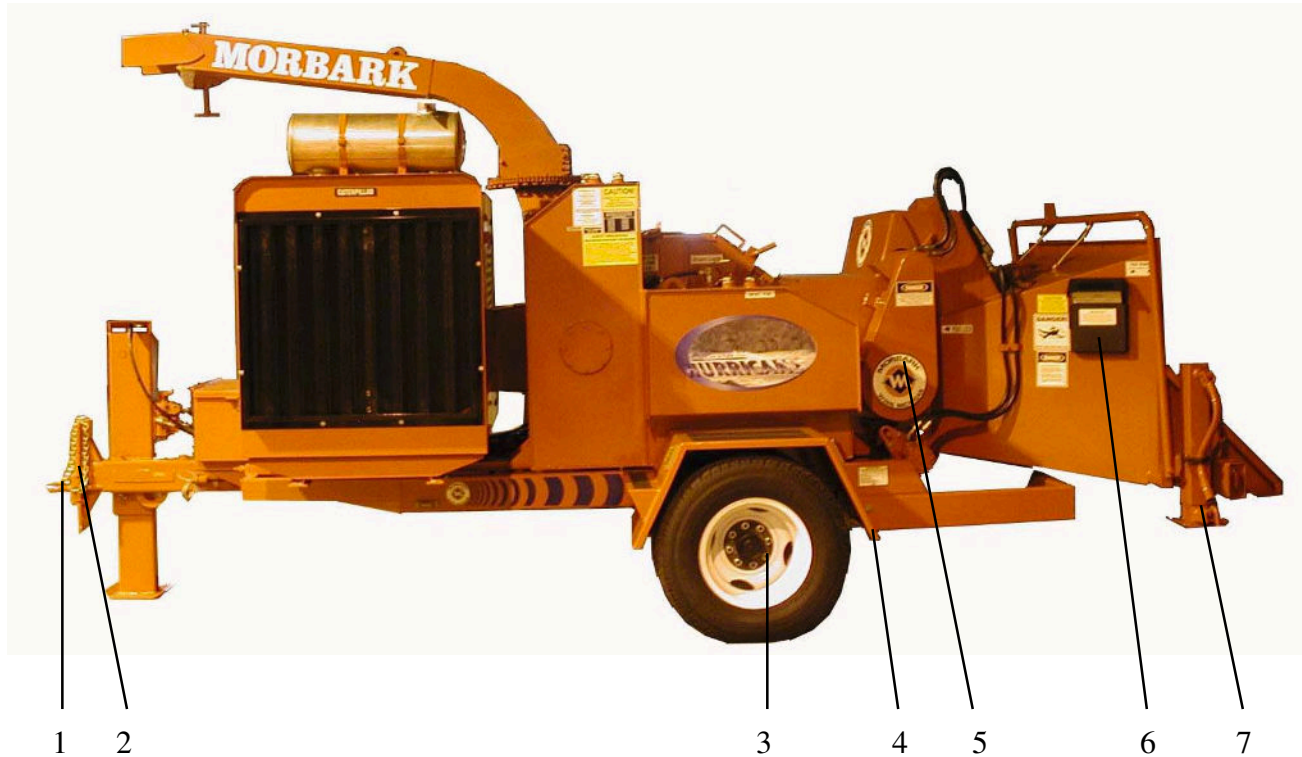
<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
		40449-452	COMPLETE WINCH
1	1	24714-110	WINCH
4A	4	21624-256	1/2" X 1 3/4" GR 8 BOLTS
4B	4	21171-143	1/2" LOCK WASHERS
4C	4	40399-452	1/2" STOPNUT ASSEMBLIES
2	1	31435-901	TENSIONER PLATE
2A	2	21624-105	3/8" X 1" GR 8 BOLTS
2B	2	21171-140	3/8" LOCK WASHERS
3	1	40448-452	WINCH MOUNT
3A	2	21624-003	1/4" X 3/4" GR 8 BOLTS
3B	2	21171-137	1/4" LOCK WASHERS
3C	2	21161-007	1/4" HARD FLAT WASHERS
3D	6	21624-255	1/2" X 1 1/2" GR 8 BOLTS
3E	6	21161-044	1/2" HARD FLAT WASHERS
3F	6	21171-143	1/2" LOCK WASHERS
3G	6	21731-068	1/2" GR 8 NUTS
4	1	26737-207	22.9 CU. IN MOTOR
4A	4	21624-255	1/2" X 1 1/2" GR 8 BOLTS
4B	4	21171-143	1/2" LOCK WASHERS
5	2	30653-452	ROLLERS
5A	2	31312-901	REWORKED 5/8" X 7" GR 5 BOLTS
5B	2	21733-410	5/8" STOVER NUTS
5C	2	26891-001	GREASE ZERTS
6	2	31482-462	ROLLERS
6A	2	31311-901	REWORKED 5/8" X 5" GR 5 BOLTS
6B	2	21733-410	5/8" STOVER NUTS
6C	2	26891-001	GREASE ZERTS
7	75'	24714-311	5/16" WIRE ROPE
N.S.		24714-501	WORM GEARS

MISC. COMPONENTS



ITEM	QTY.	PART NO.	DESCRIPTION
1	1	40635-462	10,000 LB CURB SIDE DROP STAND JACK
2	1	40602-462	YOKE LOCK HANDLE
3	1	29310-502	ELECTRIC BRAKES (DUALY)
N.S.	1	29310-714	AIR BRAKES (EUROPEAN DUALY)
N.S.	1	29310-504	ELECTRIC BRAKES (DUALY)
4	1	40562-462	R.H. DUALY STEEL FENDER
N.S.	1	40580-462	R.H. DUALY DIAMOND PLATE FENDER
N.S.	1	40436-452	R.H. SINGLE AXLE STEEL FENDER
N.S.	1	40321-452	R.H. SINGLE AXLE DIAMOND PLATE FENDER
2.	1	40787-462	R.H. TANDEM STEEL FENDER
N.S.	1	40942-462	R.H. TANDEM STEEL FENDER FOR 9,000 LB AXLE
N.S.	1	40907-462	R.H. TANDEM DIAMOND PLATE FENDER
5	1	40304-462	BELT SHIELD
N.S.	1	40847-462	(BELT SHIELD FOR SP 214 CLUTCH ONLY)
6	1	40546-460	BATTERY BOX - LOCKABLE
N.S.	1	29315-007	BATTERY BOX - PLASTIC
N.S.	1	40589-462	BATTERY BOX (2-BATTERY)
7	1	40022-473	HYDRAULIC STABILIZER WELDMENTS ONLY
N.S.	A/R	29310-569	ELECTRIC BRAKES (SINGLE & TANDEM AXLE)
N.S.	1	29310-590	HYDRAULIC BRAKES (SINGLE AXLE)
N.S.	2	29308-201	HYDRAULIC BRAKES (9,000 LB TANDEM AXLES)
N.S.	2	29310-220	ELECTRIC BRAKES (TANDEM AXLE)

MISC. COMPONENTS



ITEM	QTY.	PART NO.	DESCRIPTION
1	1	29311-608	LUNETRING
N.S.	1	40208-460	2" BALL HITCH
2	1	40623-462	SAFETY CHAIN ASSY
3	2	29312-460	TIRE & RIMS
N.S.	2	29312-469	TIRE & RIMS
4	1	40888-462	L.H.DUALLY STEEL FENDER
N.S.	1	40802-462	L.H.DUALLY DIAMOND PLATE FENDER
N.S.	1	40437-452	L.H. SINGLE AXLE STEEL FENDER
N.S.	1	40322-452	L.H. SINGLE AXLE DIAMOND PLATE FENDER
7	1	40787-462	L.H. TANDEM STEEL FENDER
N.S.	1	40943-462	L.H. TANDEM STEEL FENDER FOR 9,000 LB AXLE
N.S.	1	40906-462	L.H. TANDEM DIAMOND PLATE FENDER
5	1	40587-462	CHAIN GUARD
6	1	39234-205	PLASTIC PAPER HOLDER
7	1	40634-462	10,000 LB ROAD SIDE DROP STAND JACK

MISC. COMPONENTS CON'T

<u>ITEM</u>	<u>QTY.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
N.S.		29316-312	HD TAIL LIGHTS
N.S.		29316-340	LED SIDE MARKER BASE
N.S.		40603-462	TAIL LIGHT HOUSING
N.S.	1	40410-462	CURB SIDE TAIL LIGHT HOUSING ON TOP OF INFEED
N.S.	1	40411-462	ROAD SIDE TAIL LIGHT HOUSING ON TOP OF INFEED
N.S.		29316-320	LICENSE HOLDER W/LIGHT
N.S.		29315-191	STROBE LIGHT
N.S.		29315-187	STROBE ASSY
N.S.		29849-701	FLOOD LIGHT
N.S.	1	40075-454	FENDER MOUNT TOOL BOX
N.S.	1	52130-128	DIAMOND PLATE TOOL BOX
N.S.	1	31354-462	RUBBER INFEED CURTAIN (OPTIONAL)
N.S.	1	33506-700	CONE HOLDER
N.S.		40458-462	EXTENDED GREASE LINE
N.S.		31116-462	DURALITE
N.S.		31117-462	HOLD DOWN ROD
N.S.	1	40930-462	TELESCOPING TONGUE
N.S.	1	40312-462	8-BOLT SPARE TIRE MOUNT
N.S.		29321-371	CMS AIR CLEANER INDICATOR
N.S.		29321-244	AIR CLEANER INDICATOR
N.S.	1	40189-901	2 1/2" SPARK ARRESTER MUFFLER
N.S.	1	29323-034	3" CMS SPARK ARRESTER MUFFLER
N.S.		40622-462	14' SAFETY CHAIN
N.S.		29321-559	PRECLEANER
N.S.		29321-560	PRECLEANER (200 H.P.)
N.S.	1	29321-475	POWER RAMP PRECLEANER
N.S.		29321-743	6"-5" REDUCER SLEEVE
N.S.		29321-381	5"-4.5" REDUCER SLEEVE
N.S.	1	40897-462	RAKE AND SHOVEL HOLDER
N.S.	1	40479-452	SPARE TIRE HOLDER
N.S.	1	59501-007	10# FIRE EXTINGUISHER
N.S.	1	40733-462	10,000 LB JACK
N.S.	1	31170-462	VALVE BANK LINKAGE (FROM VALVE)
N.S.	1	31168-462	VALVE BANK LINKAGE (TO HANDLE)
N.S.	1	31861-462	VALVE BANK LINKAGE (OBM MACHINES)
N.S.	1	31862-462	VALVE BANK LINKAGE (OBM MACHINES)
N.S.	1	29315-020	BATTERY
N.S.	1	40926-462	BRUSH GUARD
N.S.	1	40832-462	BRUSH GUARD (CAT AND PERKINS ONLY)
N.S.	1		POSITIVE BATTERY CABLE ORDER BY DESCRIPTION
N.S.	1		NEGATIVE BATTERY CABLE ORDER BY DESCRIPTION
N.S.	1	40873-462	UPPER FEED WHEEL BEARING COVER (OBM MACHINES)
N.S.	1	40902-462	LOWER FEED WHEEL BEARING COVER (OBM MACHINES)

MISC. PTO COMPONENTS

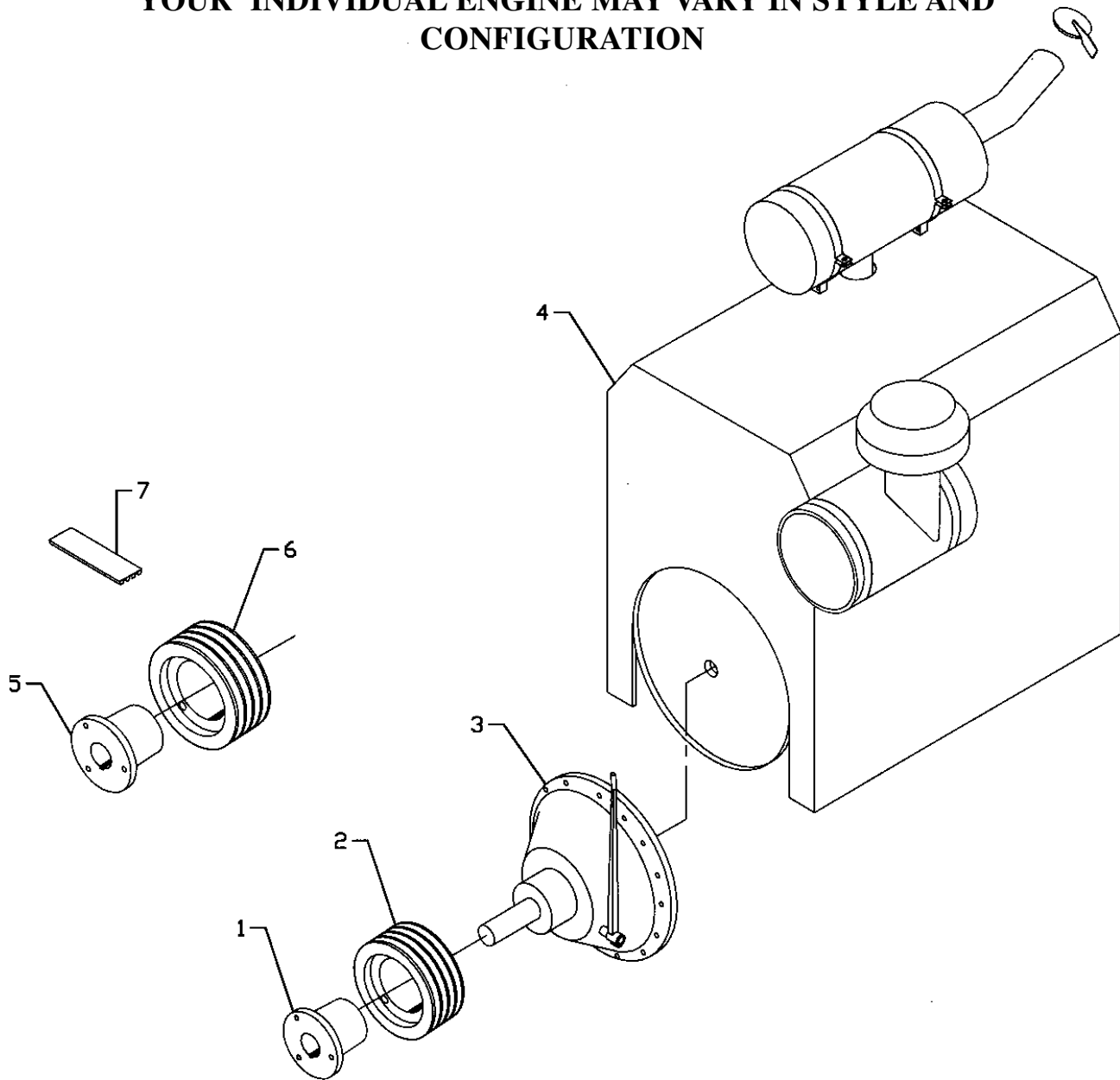


<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	1	40883-462	HYDRAULIC TANK
2	1	40469-462	DISCHARGE ASSY
3	1	40444-462	FLIPPER ASSY
4	1	40578-462	CONTROL BAR
5	1	40587-462	GUARD
6	1	40881-462	INFEED ASSY

ENG COMPONENTS

NOTE: THE ENGINE DISPLAYED IN THIS BOOK IS FOR DISPLAY PURPOSES ONLY.

YOUR INDIVIDUAL ENGINE MAY VARY IN STYLE AND CONFIGURATION



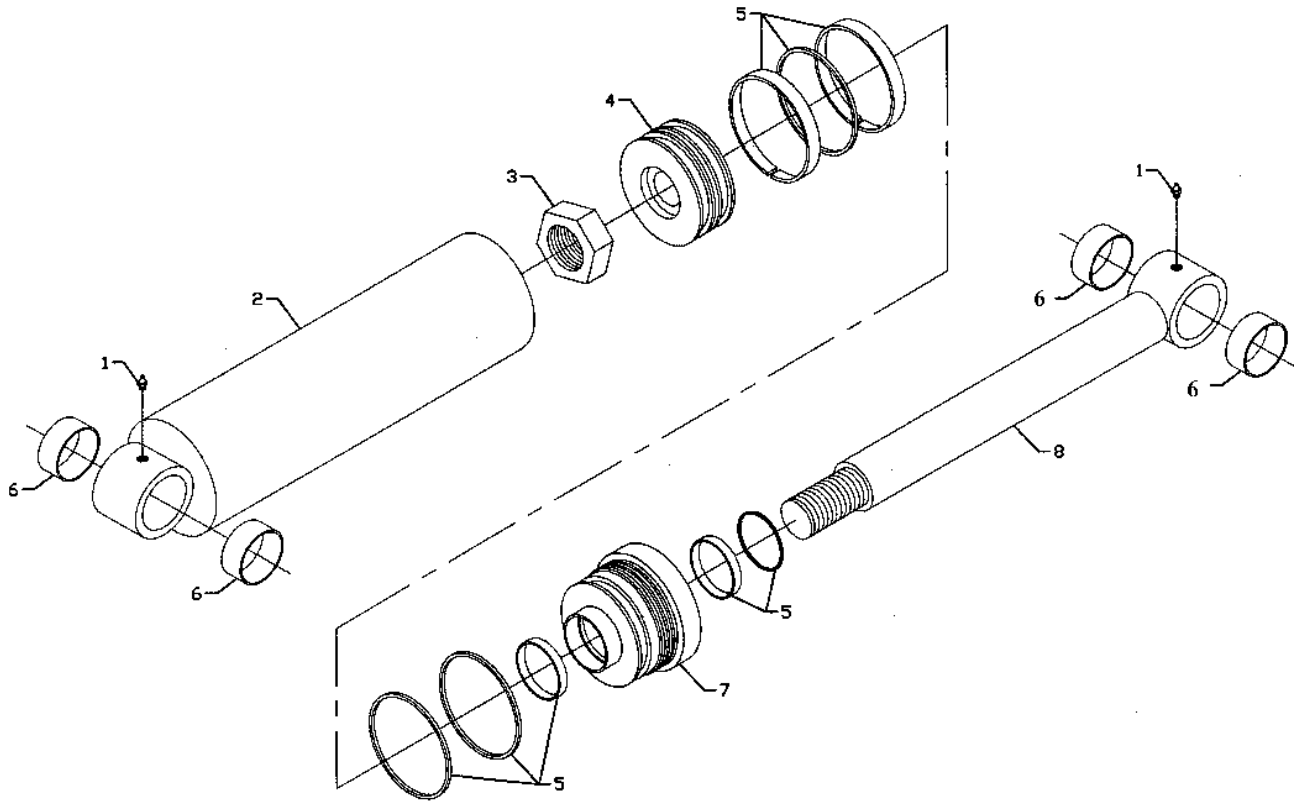
<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	1	SEENEXTPAGE	DRIVEBUSHING
2	1	SEENEXTPAGE	DRIVESHEAVE
3	1	SEENEXTPAGE	CLUTCH
4	1	SEENEXTPAGE	ENGINE
5	1	SEENEXTPAGE	DRIVENBUSHING
6	1	SEENEXTPAGE	DRIVENSHEAVE
7	1	SEENEXTPAGE	DRIVEBELTS

ENG DRIVE & DRIVEN COMPONENTS

(NOTE: AC DENOTES AUTO CLUTCH)

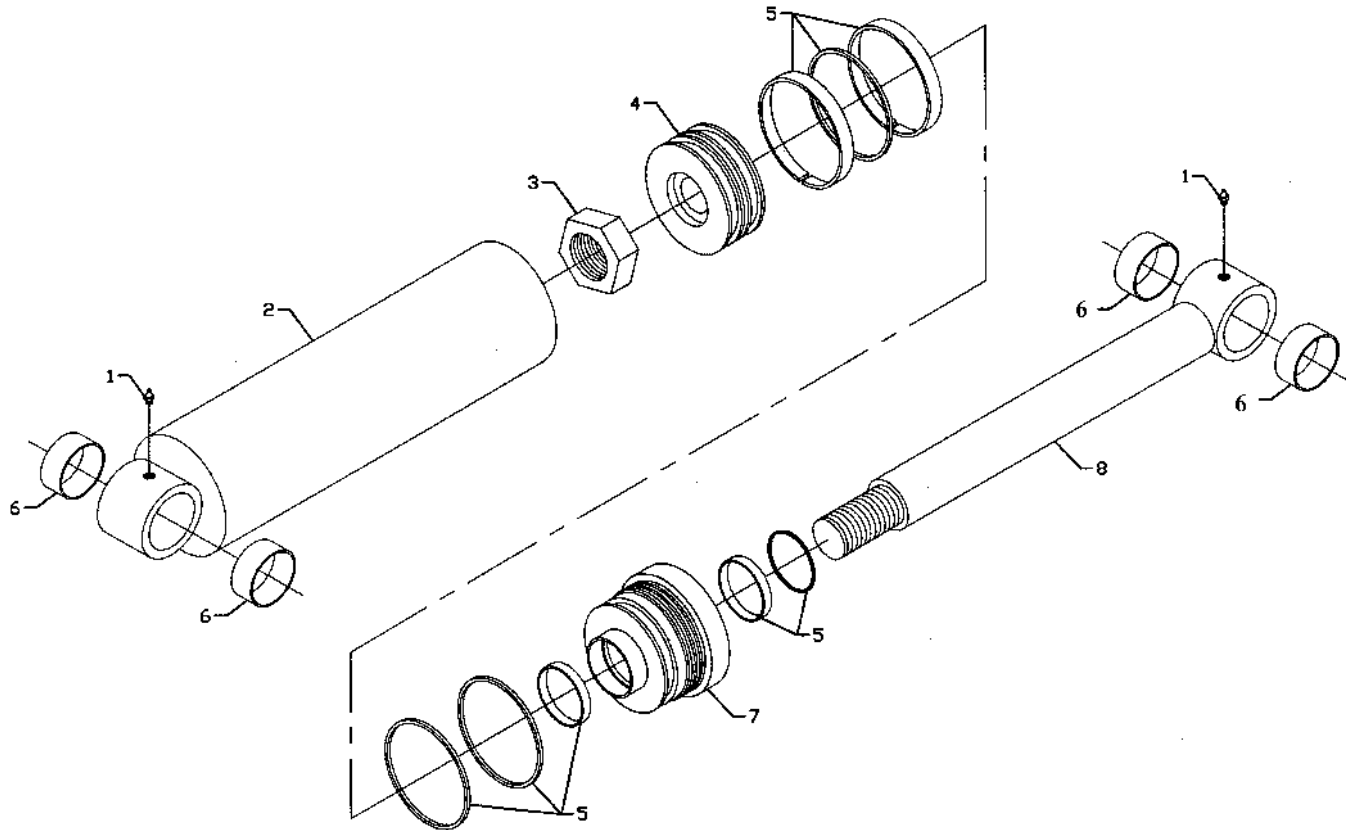
2400 XL	ENGINE #	TRANS	ENG BELT	DR SHEAVE	DR BUSH	DRN SHEAVE	DRN BUSH	PUMP #
CAT 110 H.P.	29247-424	SP111	24181-665	24217-667	24133-587	24217-917	24133-637	29233-484
CAT 125 H.P.	29247-426	SP211	24181-665	24217-667	24133-592	24217-917	24133-637	29233-484
T-2 CAT 130 HP	29247-452	SP211	24181-665	24217-669	24133-592	24217-917	24133-637	29233-484
T-2 CAT 140 HP	29247-463	SP211	24181-665	24217-669	24133-592	24217-917	24133-637	29233-484
T-2 CAT 180 HP	29247-454	SP211	24181-567	24217-702	24133-631	24217-973	24133-671	29233-484
CAT 188 H.P.	29247-418	SP211	24181-566	29217-702	24133-631	24217-973	24133-671	29233-484
T-2 CAT 250 H.P.	29246-501	SP114	24181-666	24217-984	24133-638	24217-983	24133-671	26726-405
T-2 CAT 250 LDR	29246-502	SP114	24181-666	24217-984	24133-638	24217-983	24133-671	26729-028
CUM 116 H.P.	29217-494	SP111	24181-665	24217-668	24133-587	24217-917	24133-637	26726-484
CUM 116 H.P.	29217-024	AC	24181-665	24217-668	24133-579	24217-917	24133-637	26726-401
T-2 CUM 125 H.P.	29217-189	SP211	24181-665	24217-668	24133-592	24217-917	24133-637	26726-401
CUM 130 H.P.	29217-456	AC	24181-665	24217-668	24133-579	24217-917	24133-637	26726-401
CUM 130 H.P.	29217-495	SP211	24181-665	24217-668	24133-592	24217-917	24133-637	26726-401
CUM 200 H.P.	29217-019	SP211	24181-566	24217-702	24133-631	24217-973	24133-671	26726-401
CUM 260 H.P.	29215-513	SP114	24181-667	24217-984	24133-638	24217-983	24133-671	26726-402
T-2 CUM 260 H.P.	29215-520	SP114	24181-667	24217-984	24133-638	24217-983	24133-671	26726-402
CUM 260 LDR	29215-508	SP114	24181-667	24217-984	24133-638	24217-983	24133-671	26725-304
T2 CUM 260 LDR	29215-521	SP114	24181-667	24217-984	24133-638	24217-983	24133-671	26725-304
JD 115 H.P.	29229-555	SP111	24181-665	24217-668	24133-587	24217-917	24133-637	26726-599
T-2 JD 115 H.P.	29228-511	SP111	24181-665	24217-668	24133-587	24217-917	24133-637	26726-599
JD 115 H.P.	29228-501	AC	24181-665	24217-668	24133-579	24217-917	24133-637	26726-599
JD 125 H.P.	29229-643	SP211	24181-665	24217-667	24133-592	24217-917	24133-637	26726-599
T-2 JD 125 H.P.	29228-554	SP211	24181-665	24217-667	24133-592	24217-917	24133-637	26726-599
JD 125 H.P.	29228-503	AC	24181-665	24217-667	24133-579	24217-917	24133-637	26726-599
T-2 JD 140 H.P.	29228-513	SP211	24181-665	24217-667	24133-592	24217-917	24133-637	26726-599
JD 200 H.P.	29230-152	SP211	24181-566	24217-702	24133-631	24217-973	24133-671	26726-599
T-2 JD 200 H.P.	29230-173	SP211	24181-566	24217-702	24133-631	24217-973	24133-671	26726-599
JD 250 H.P.	29230-803	SP114	24181-666	24217-984	24133-638	24217-983	24133-671	26726-598
T-2 JD 250 H.P.	29230-174	SP114	24181-666	24217-984	24133-638	24217-983	24133-671	26726-405
JD 250 LDR	29230-806	SP114	24181-666	24217-984	24133-638	24217-983	24133-671	26725-304
T-2 JD 250 LDR	29230-175	SP114	24181-666	24217-984	24133-638	24217-983	24133-671	26711-
PER 110 H.P.	29233-317	SP111	24181-665	24217-667	24133-587	24217-917	24133-637	29233-484
PER 110 H.P.	29233-305	AC	24181-665	24217-667	24133-579	24217-917	24133-637	29233-484
T-2 PER 115 H.P.	29233-524	SP111	24181-665	24217-667	24133-587	24217-917	24133-637	29233-484
PER 125 H.P.	29233-318	SP211	24181-665	24217-667	24133-592	24217-917	24133-637	29233-484
PER 125 H.P.	29233-308	AC	24181-665	24217-667	24133-579	24217-917	24133-637	29233-484
T-2 PER 130 H.P.	29233-525	SP211	24181-665	24217-669	24133-592	24217-917	24133-637	29233-484
T-2 PER 140 H.P.	29233-528	SP211	24181-665	24217-669	24133-592	24217-917	24133-637	29233-484
PER 180 H.P. T2	29233-526	SP211	24181-566	24217-702	24133-631	24217-973	24133-671	29233-484
PER 188 H.P.	29233-310	SP211	24181-566	24217-702	24133-631	24217-973	24133-671	29233-484

STABILIZER CYLINDER COMPONENTS



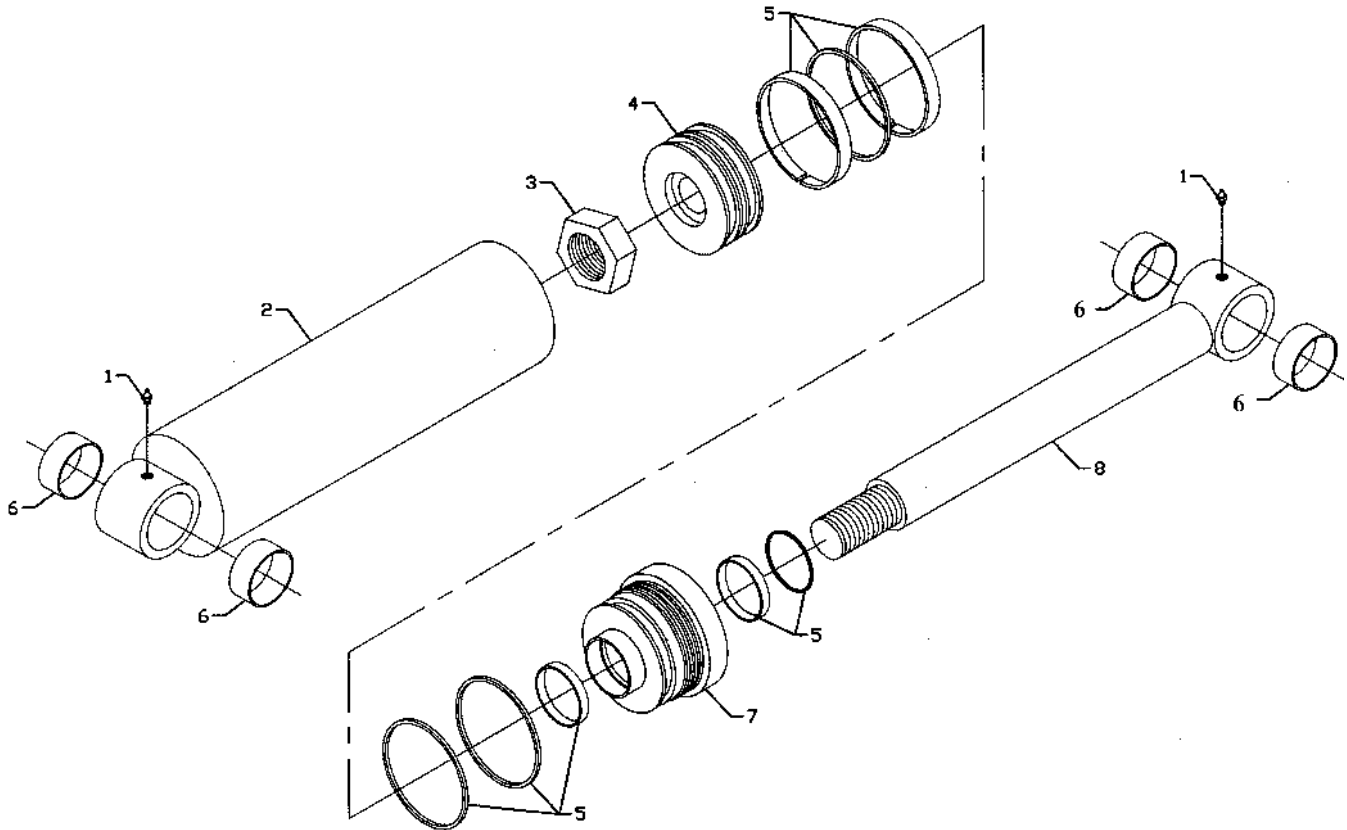
<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	2	26891-002	GREASE ZERTS
2	1	40538-955	BARREL ASSY
3	1	22533-165	NUT
4	1	30023-955	PISTON
5	1	26815-053	SEAL KIT
6	4	23128-310	SPLIT STEEL BUSHINGS
7	1	30026-955	HEAD
8	1	40064-955	SHAFT
		82682-955	CYLINDER COMPLETE

JIB BOOM CYLINDER COMPONENTS



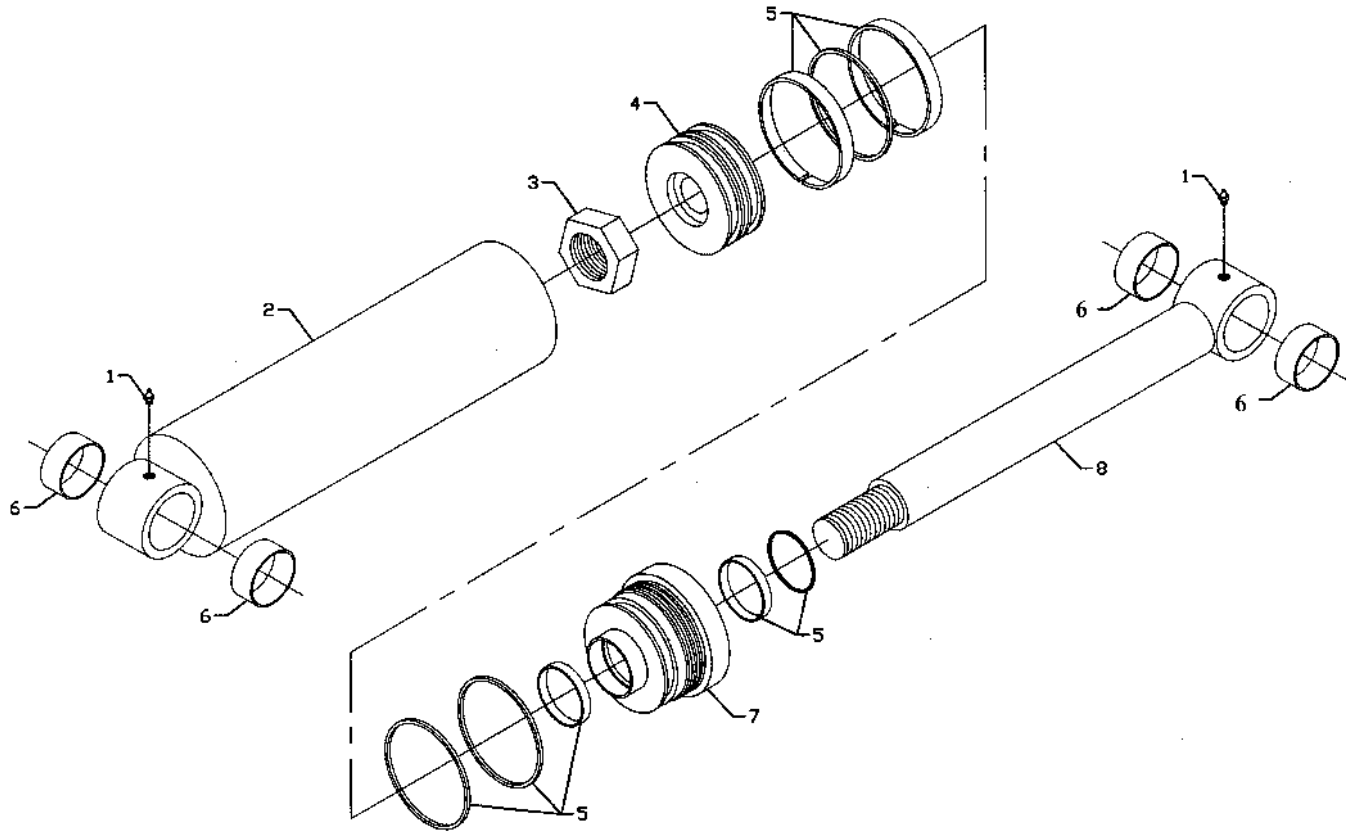
<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	2	26891-002	GREASEZERTS
2	1	40362-955	BARREL ASSY
3	1	22533-012	NUT
4	1	30501-955	PISTON
5	1	26815-166	SEAL KIT
6	4	23128-313	SPLIT STEEL BUSHINGS
7	1	30500-955	HEAD
8	1	40363-955	SHAFT
		83232-955	CYLINDER COMPLETE

MAIN BOOM CYLINDER COMPONENTS



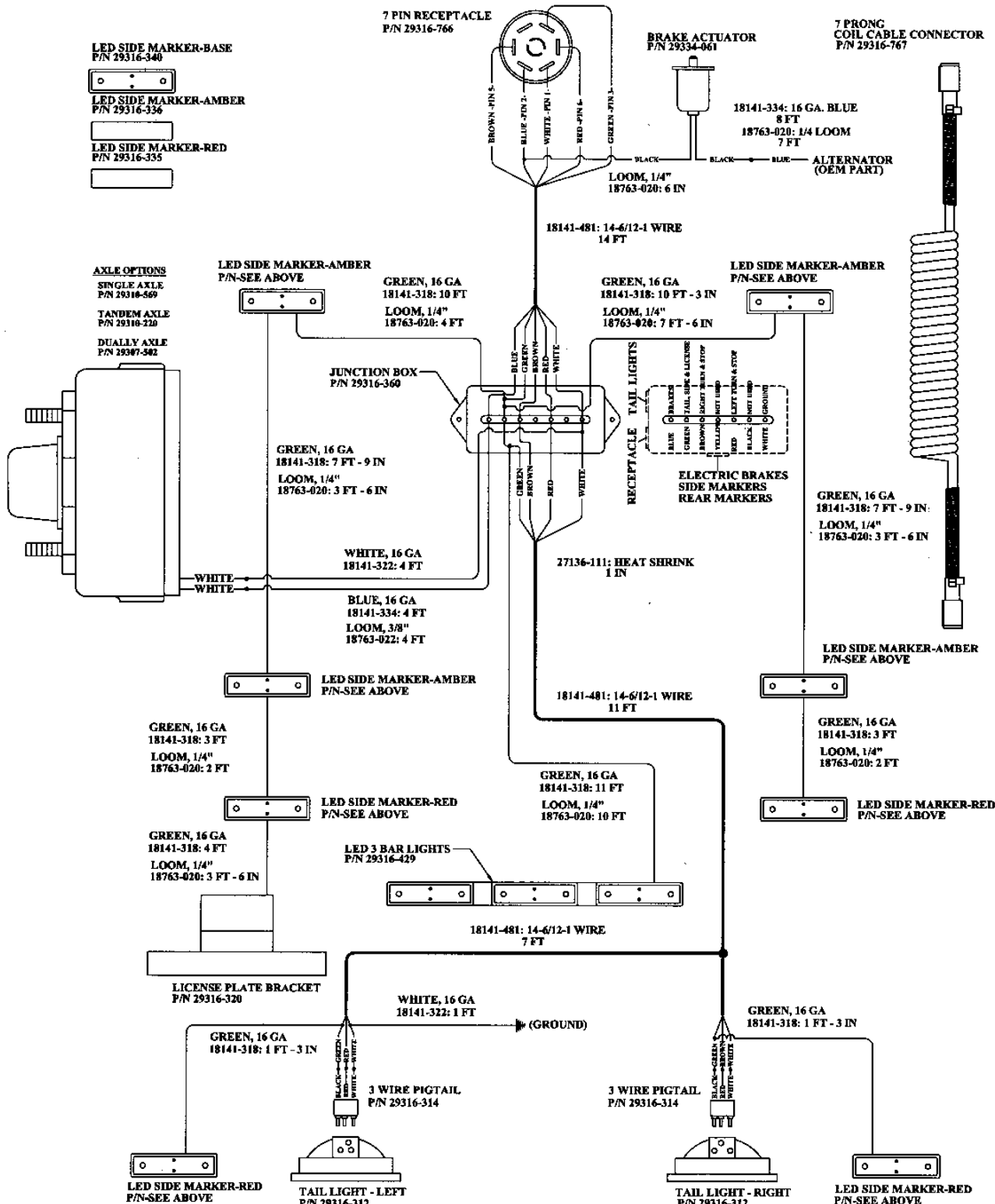
<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	2	26891-002	GREASEZERTS
2	1	40774-955	BARREL ASSY
3	1	22533-012	NUT
4	1	30428-955	PISTON
5	1	26815-156	SEAL KIT
6	4	23128-310	SPLIT STEEL BUSHINGS
7	1	30336-955	HEAD
8	1	40297-955	SHAFT
		83625-955	CYLINDER COMPLETE

GRAPPLE CYLINDER COMPONENTS

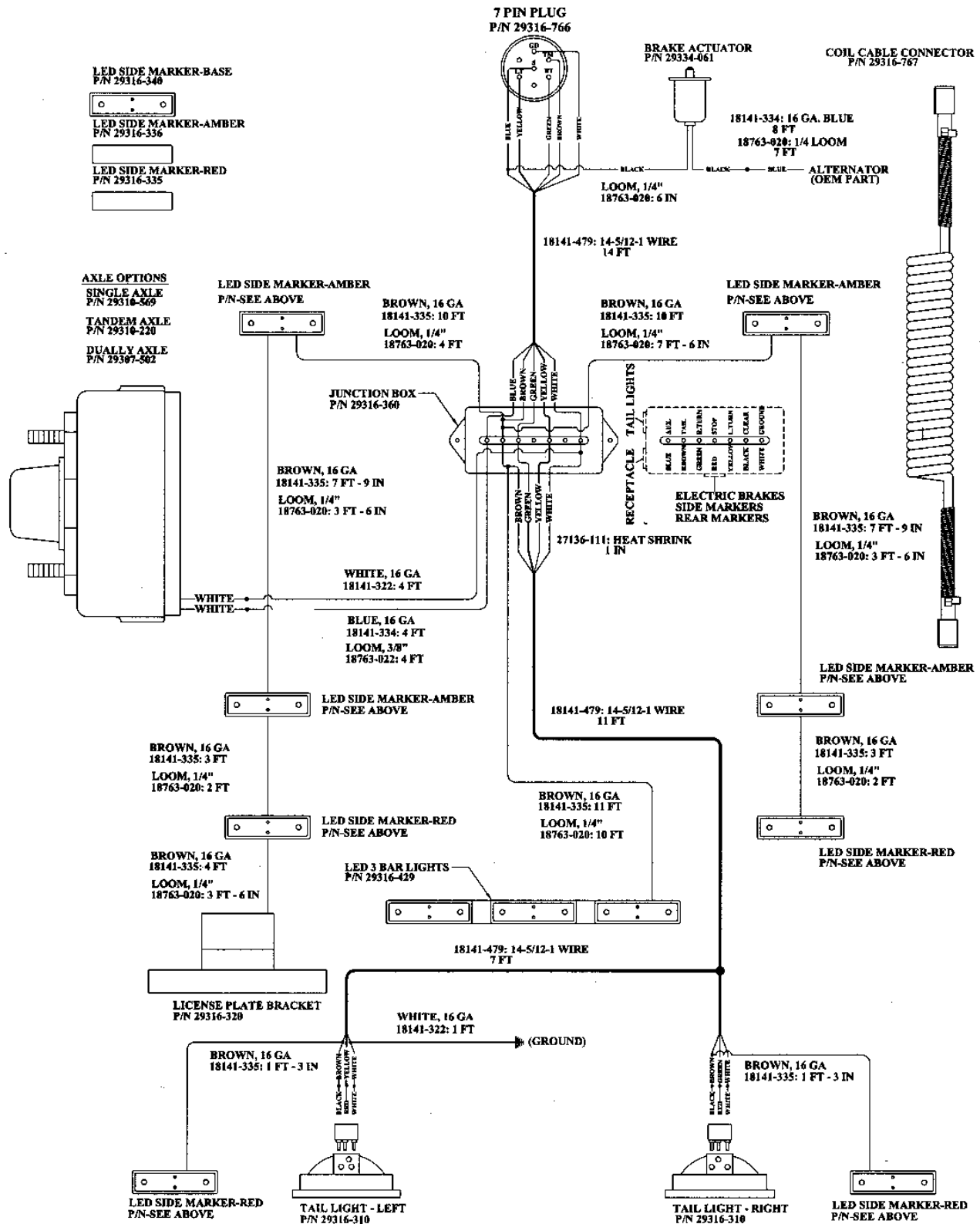


<u>ITEM</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
1	2	26891-002	GREASEZERTS
2	1	40747-955	BARREL ASSY
3	1	22533-165	NUT
4	1	N/A	PISTON
5	1	26815-054	SEAL KIT
6	4	23128-018	SPLIT STEEL BUSHINGS
7	1	N/A	HEAD
8	1	40750-955	SHAFT
		83088-955	CYLINDER COMPLETE

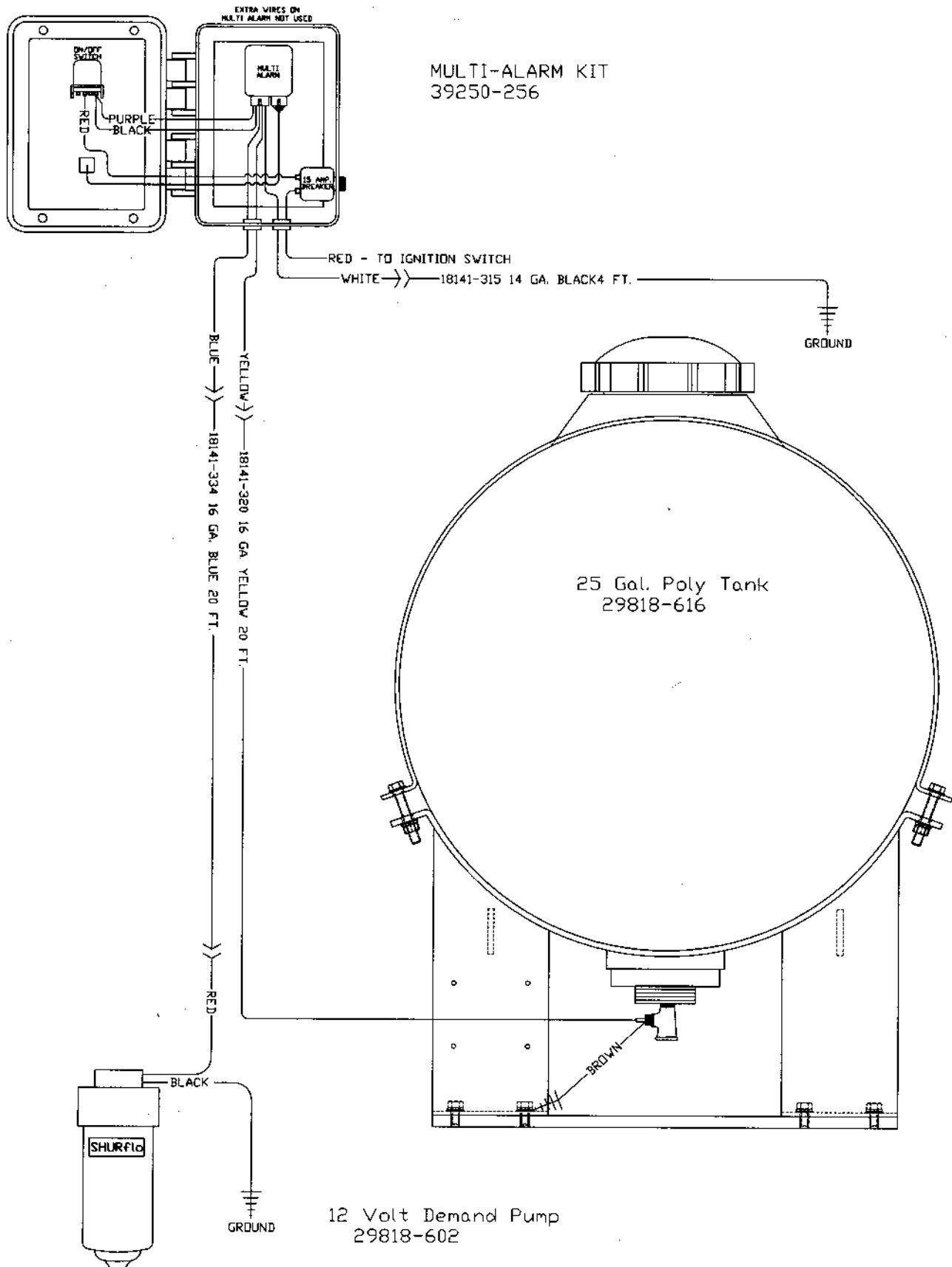
ELECTRICAL DIAGRAM



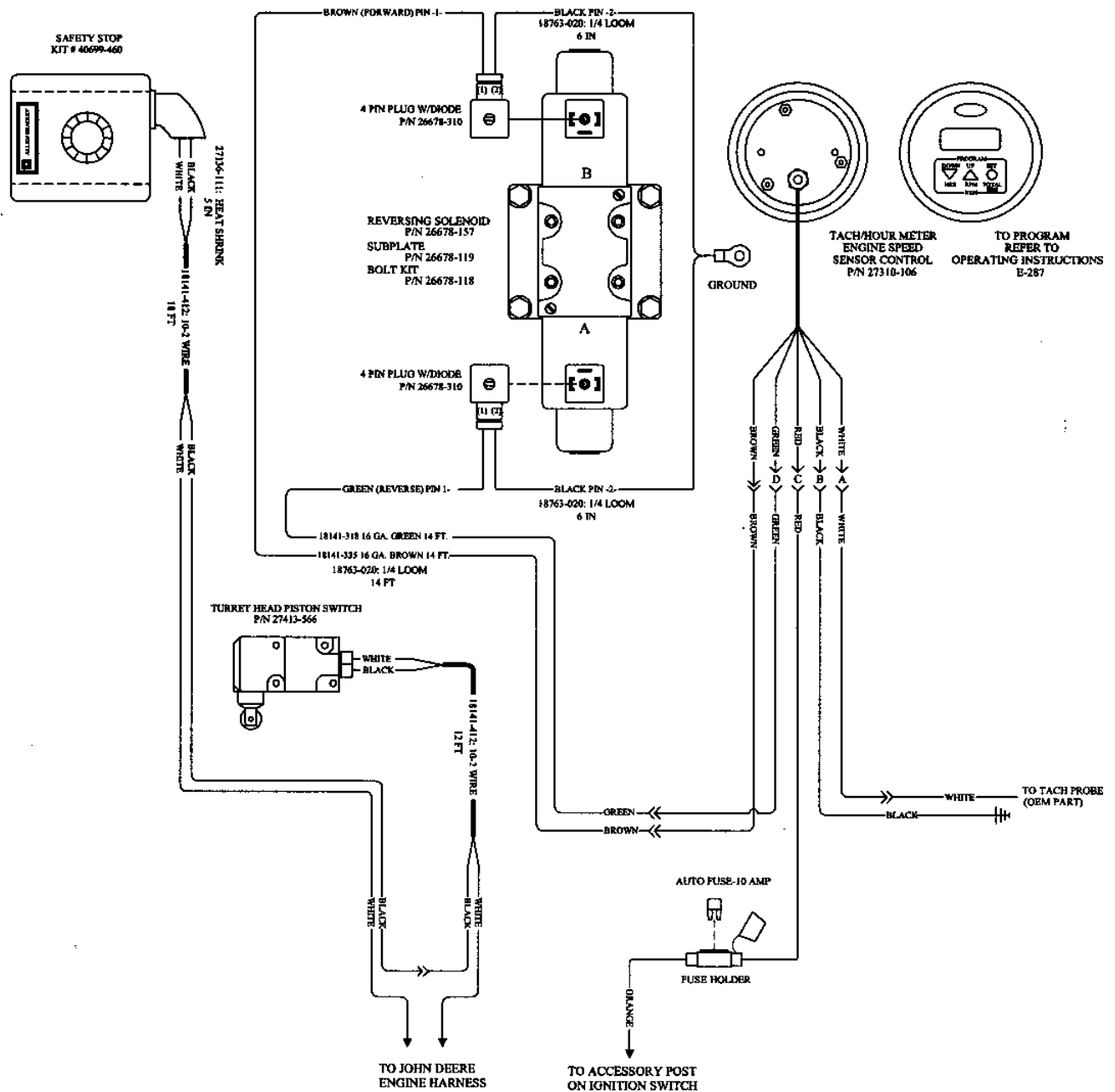
DAVEY TREE ELECTRICAL DIAGRAM



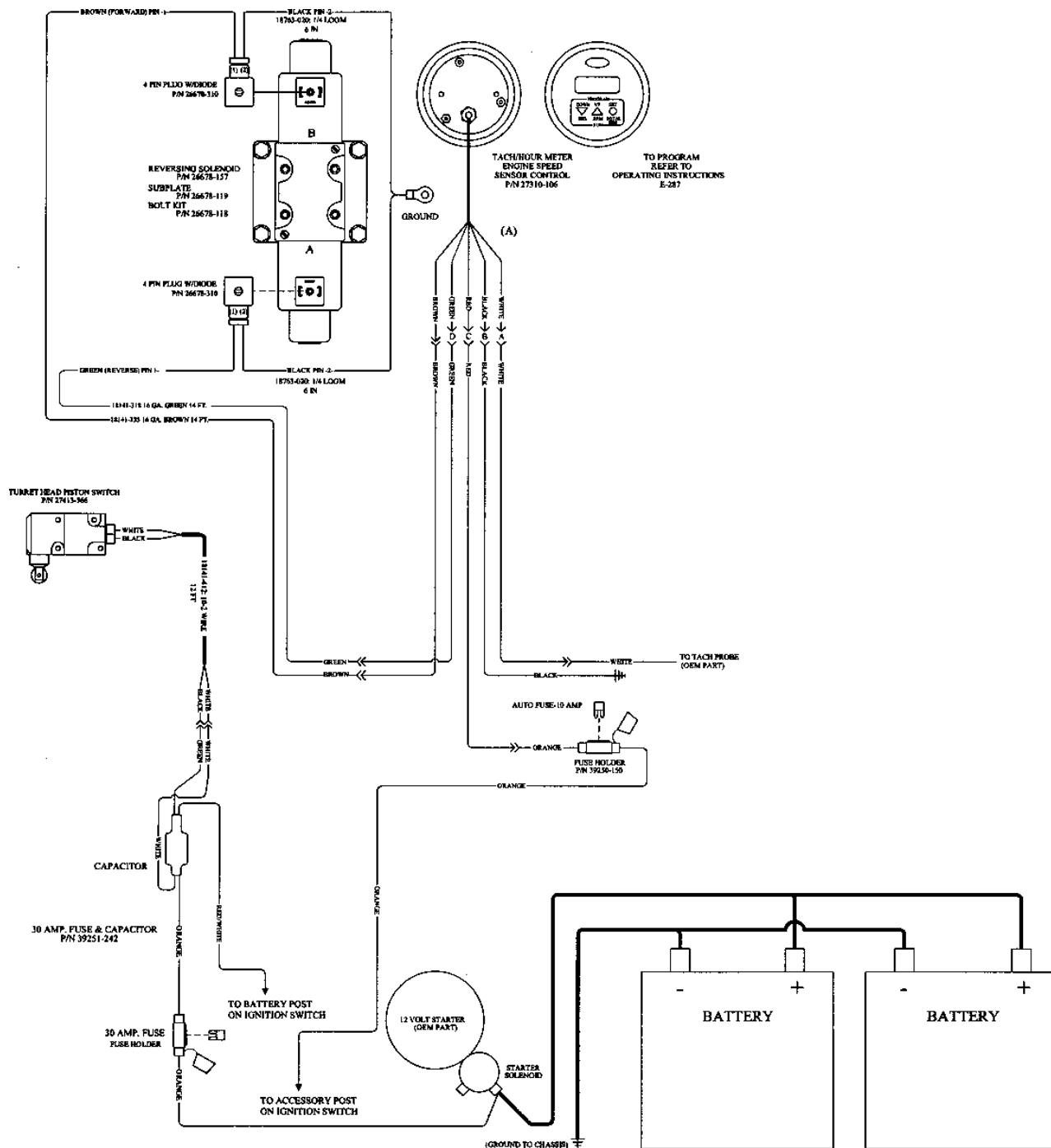
ELECTRICAL DIAGRAM - DUST SUPPRESSION

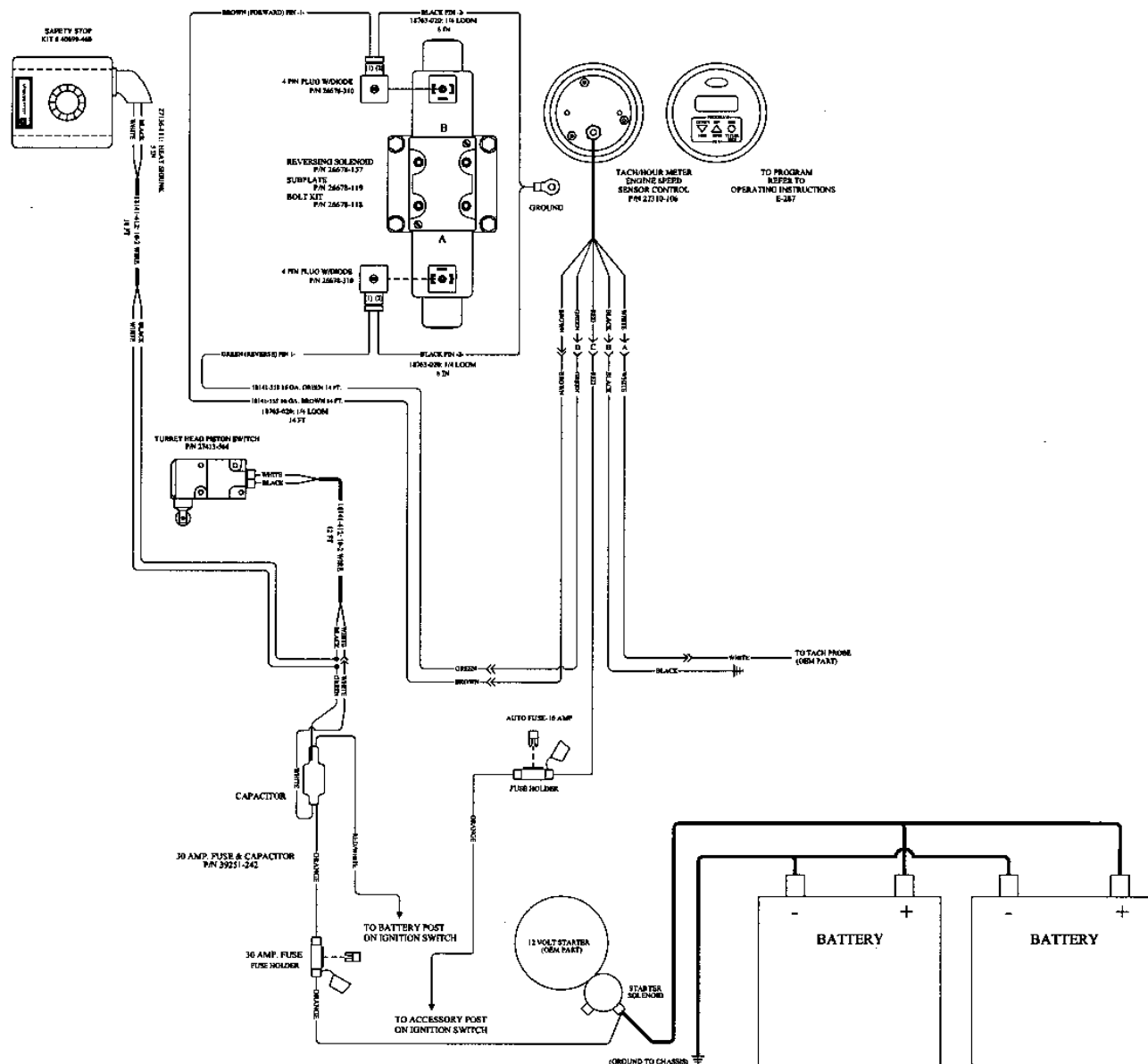


ELECTRICAL DIAGRAM - OBM



ELECTRICAL DIAGRAM (CUM, CAT, JD & PER AUTO-REVERSE)



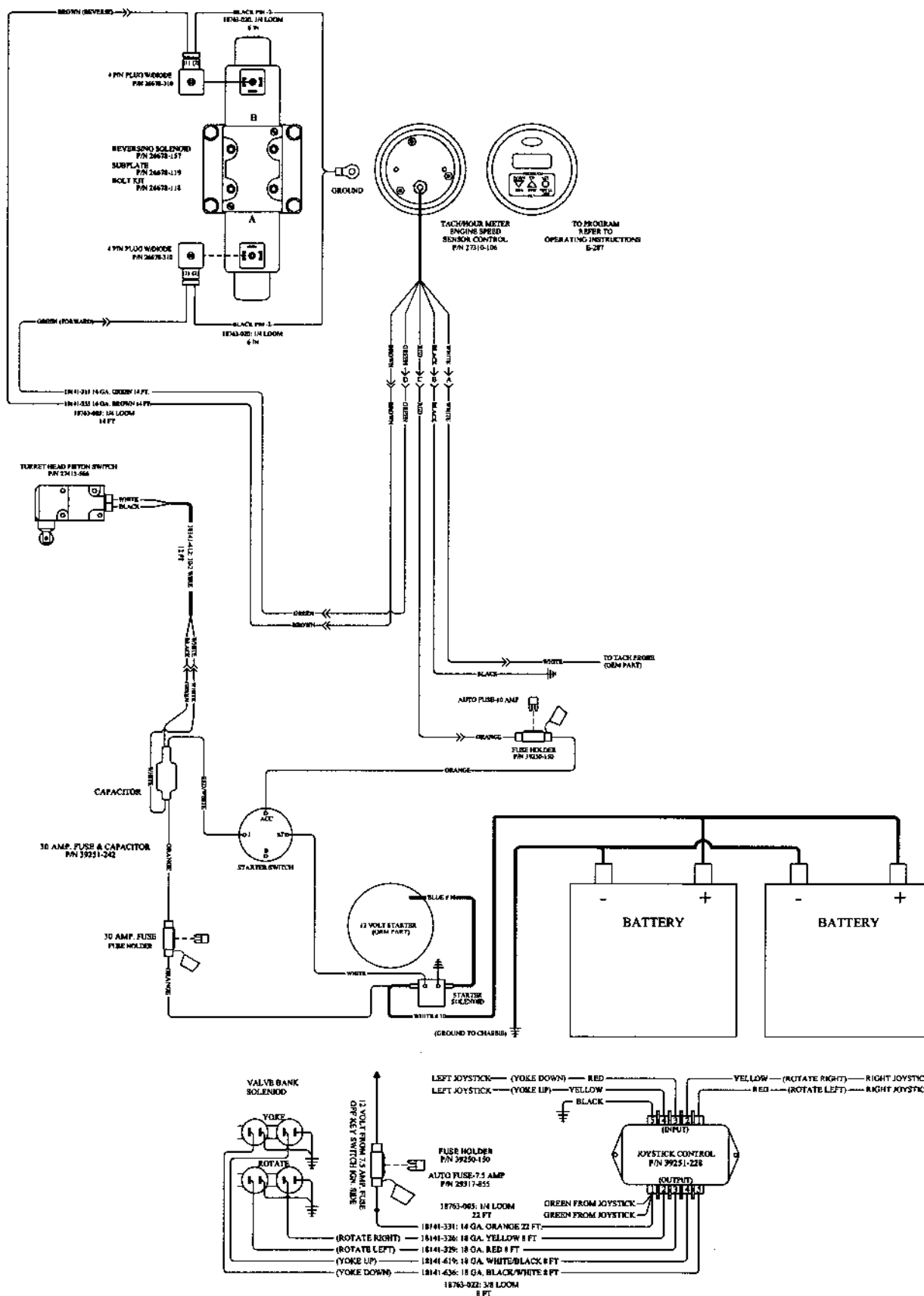


(NOTE SOME MACHINES REQUIRE ONLY 1 BATTERY)

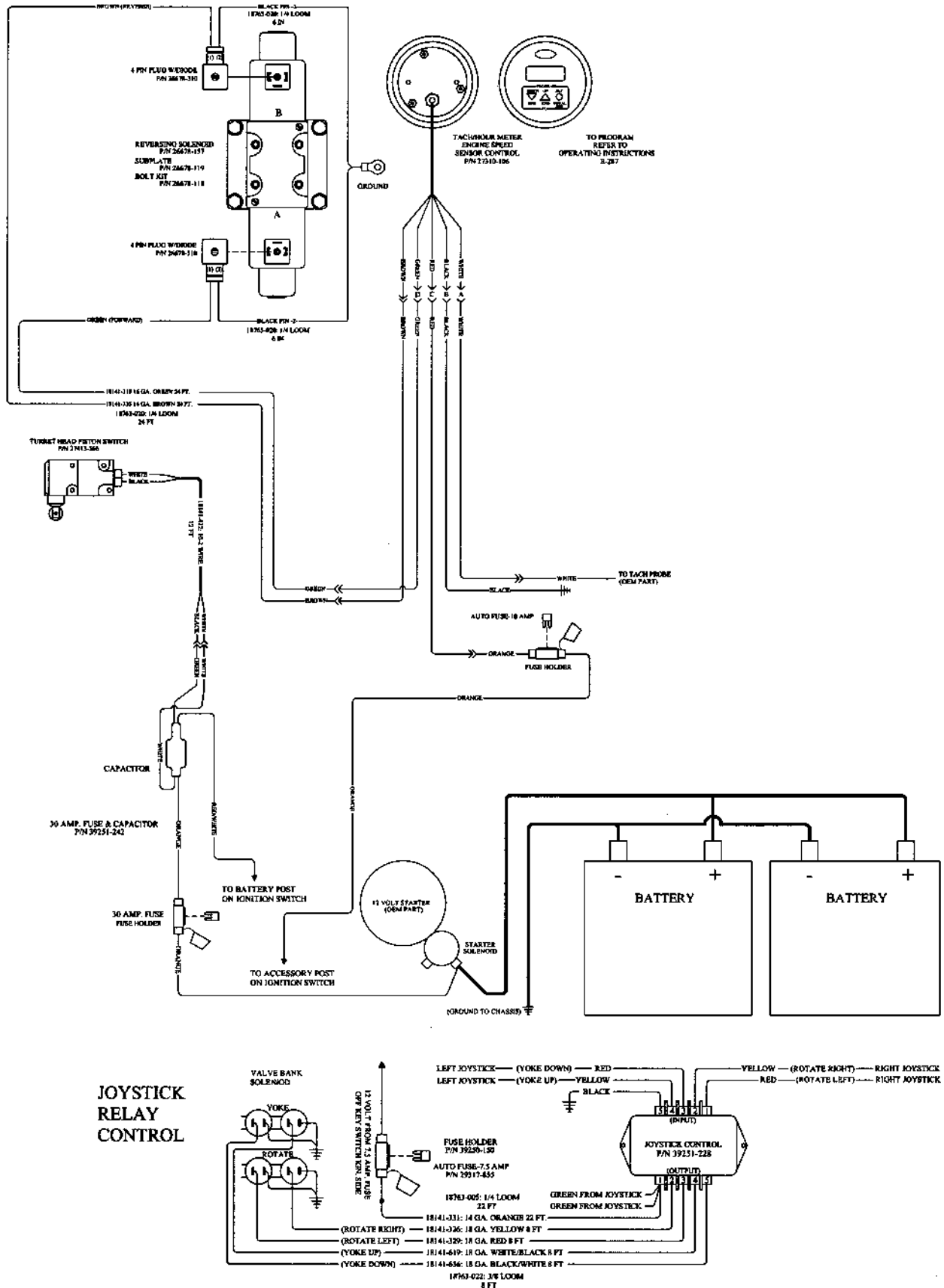
250 H.P. CAT ONLY



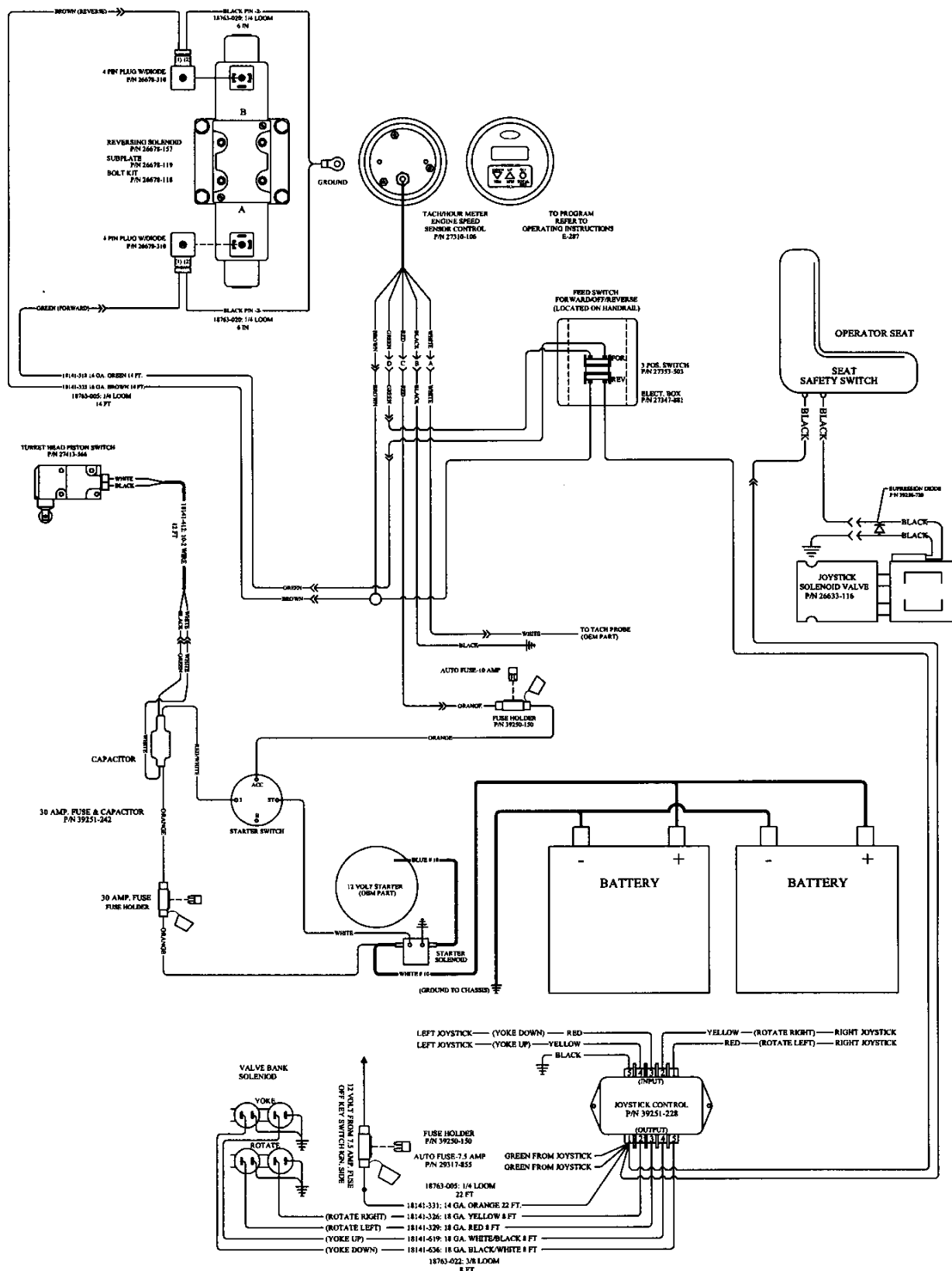
ELECTRICAL DIAGRAM (AUTO-REVERSE) LOADER 250 H.P. CAT ONLY



ELECTRICAL DIAGRAM (AUTO-REVERSE) LOADER



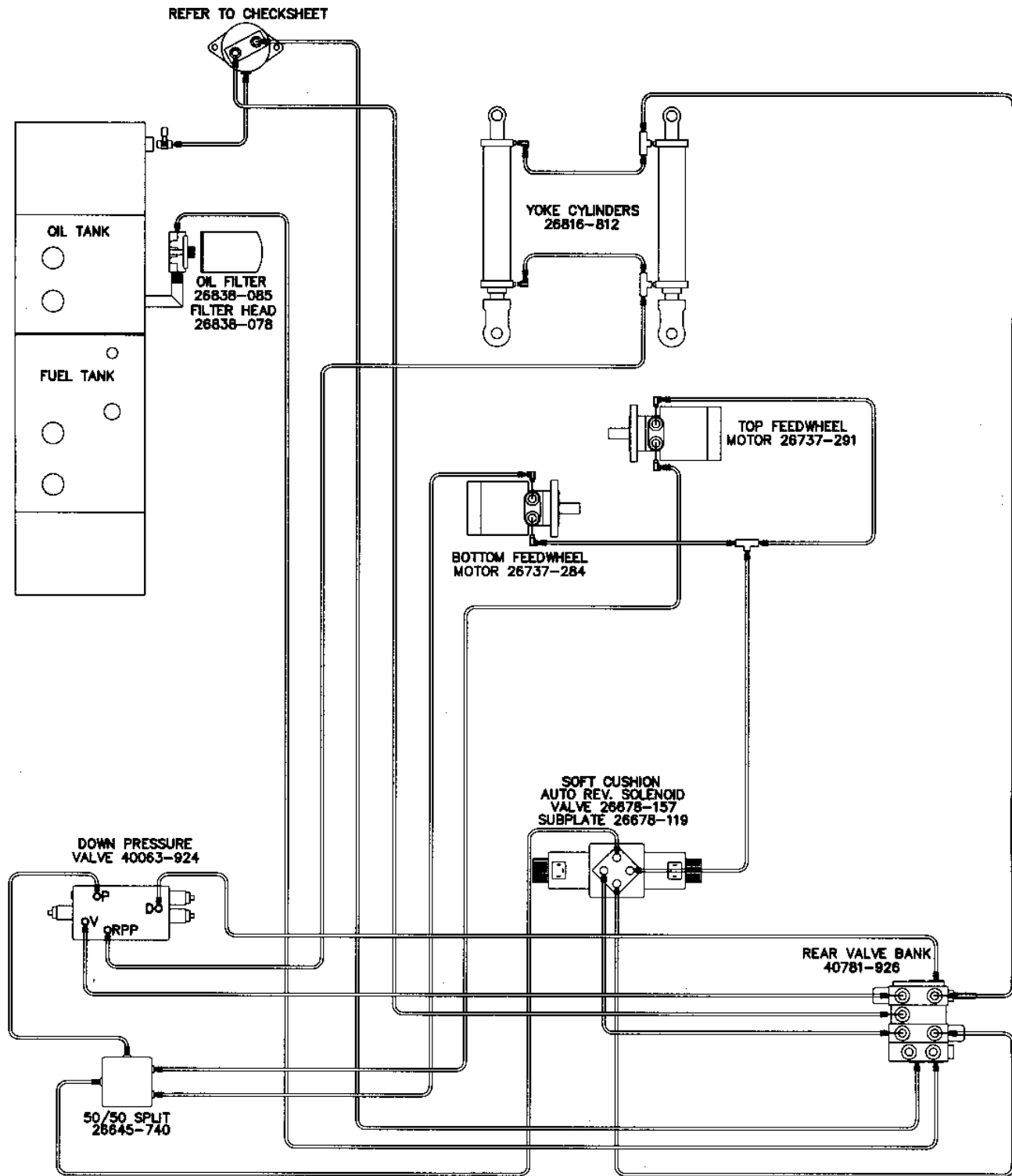
ELECTRICAL DIAGRAM LOADER W/PEDESTAL



HYDRAULIC SCHEMATIC

ENGINE OPTION - PERKINS AND CAT

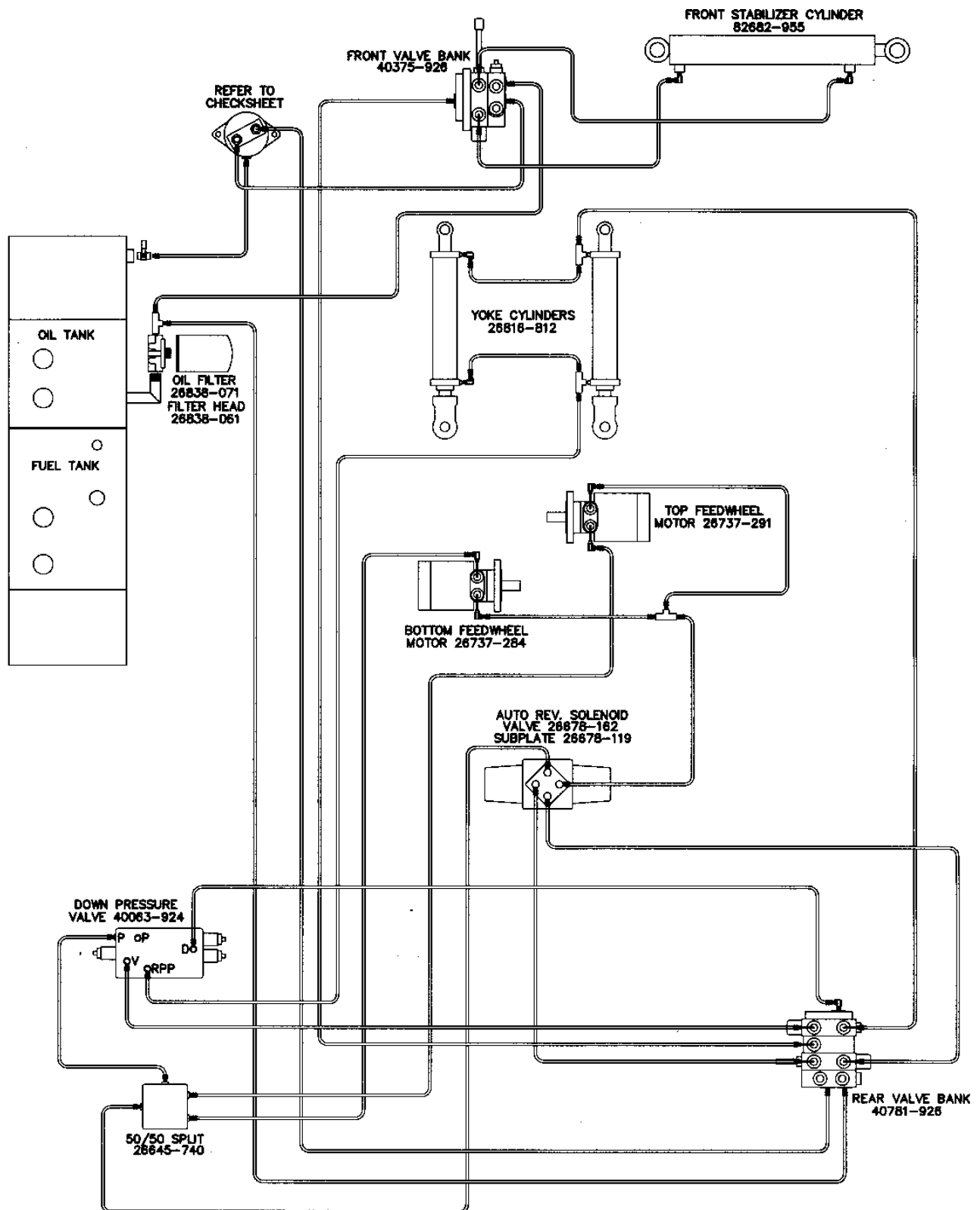
(AUTO REVERSE)



HYDRAULIC SCHEMATIC

ENGINE OPTION - PERKINS AND CAT

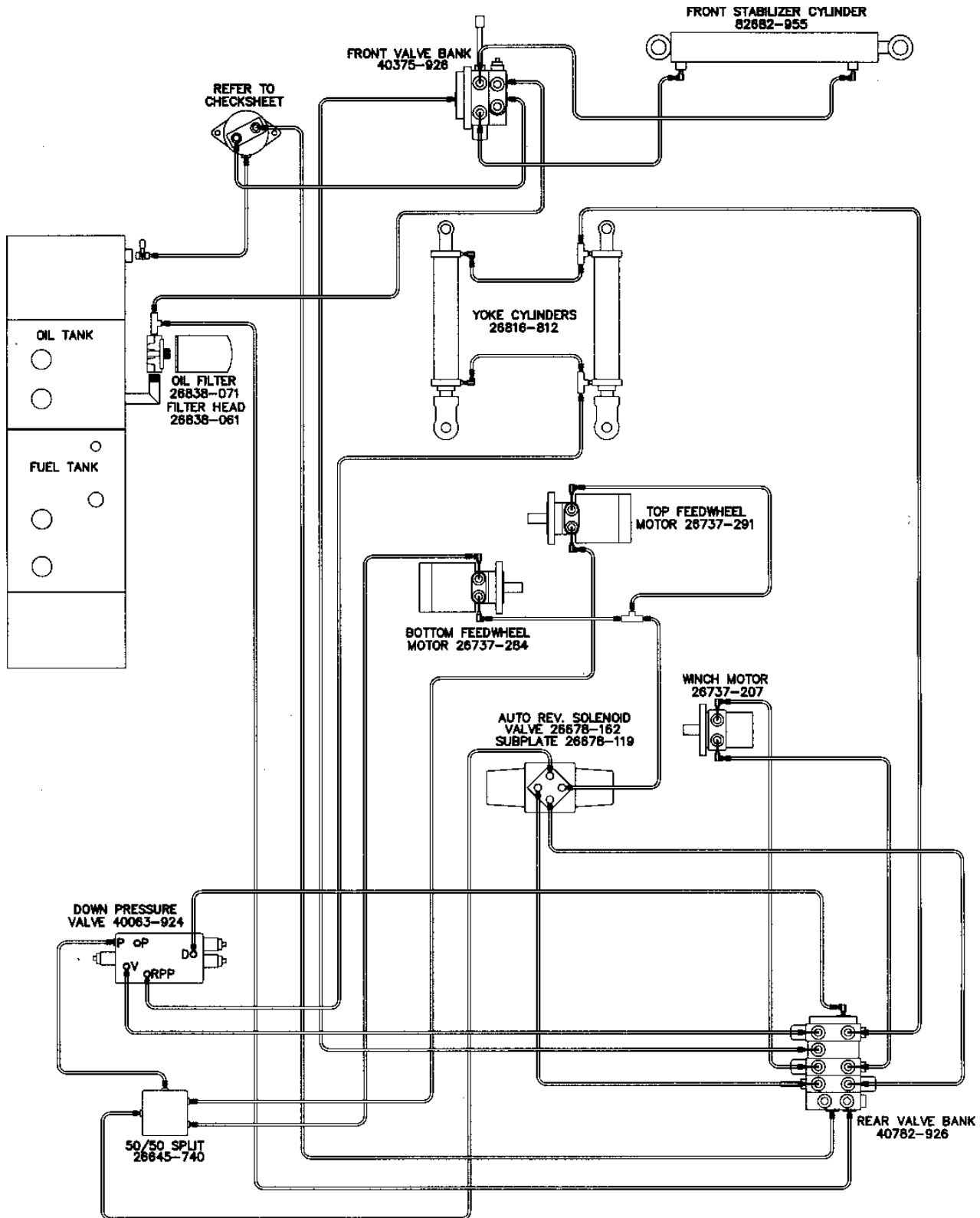
(AUTO REV & FRONT STAB)



HYDRAULIC SCHEMATIC

ENGINE OPTION - PERKINS AND CAT

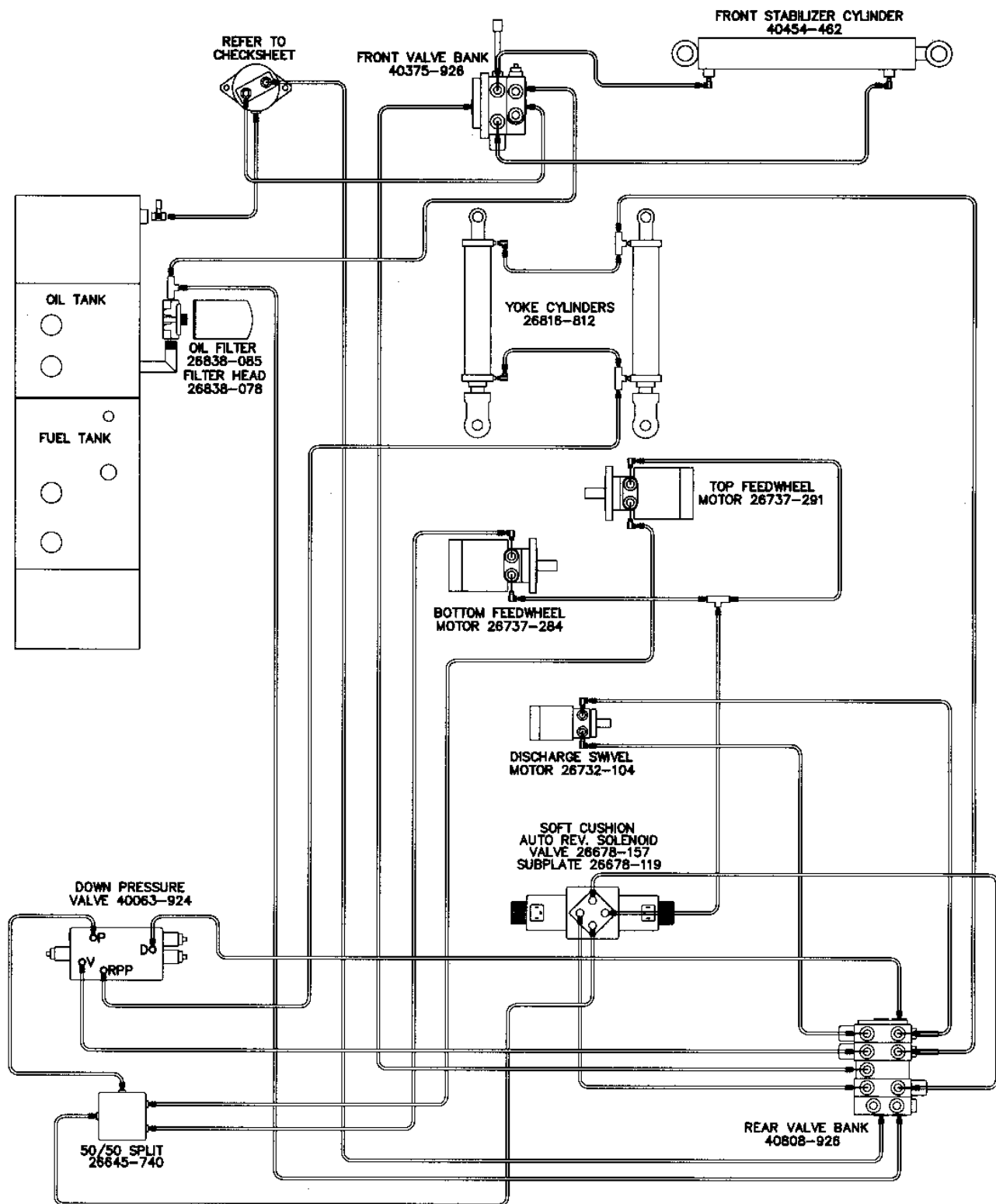
(AUTO REV, FNT STAB & WINCH)



HYDRAULIC SCHEMATIC

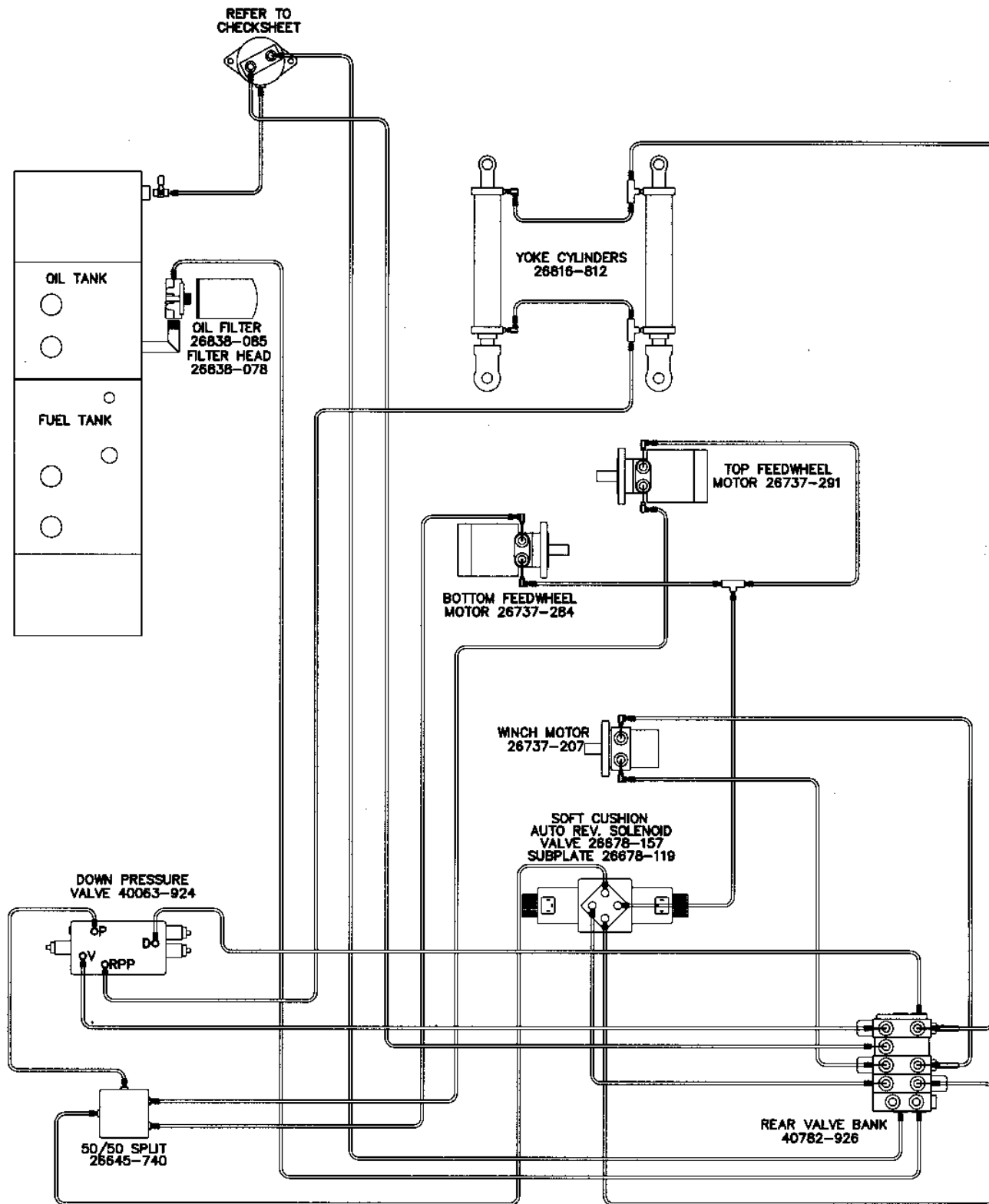
ENGINE OPTION - PERKINS AND CAT

(AUTO REV, FNT STAB & HYD SWIVEL DISCHARGE)



HYDRAULIC SCHEMATIC

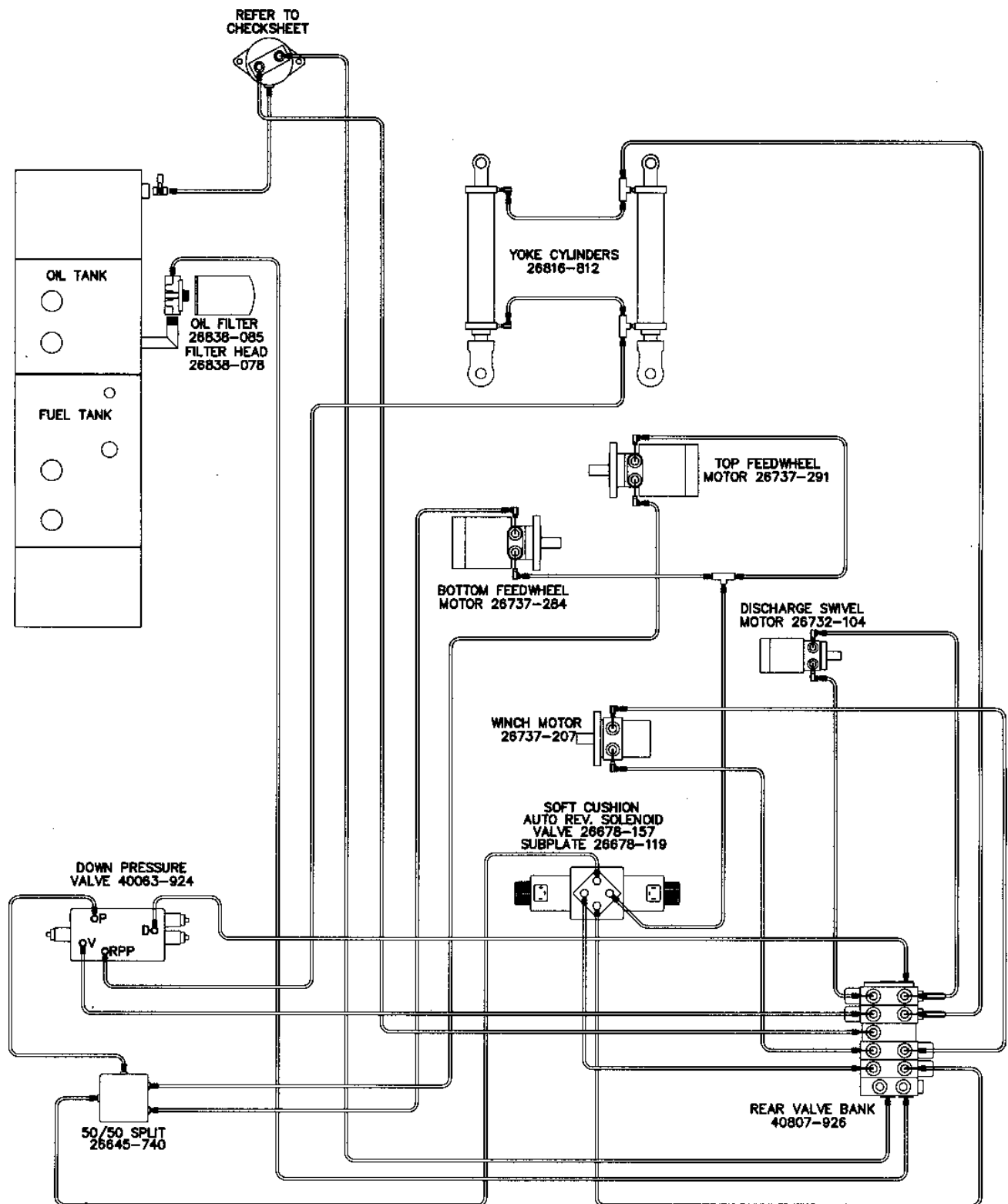
ENGINE OPTION - PERKINS AND CAT
(AUTO REV & WINCH)



HYDRAULIC SCHEMATIC

ENGINE OPTION - PERKINS AND CAT

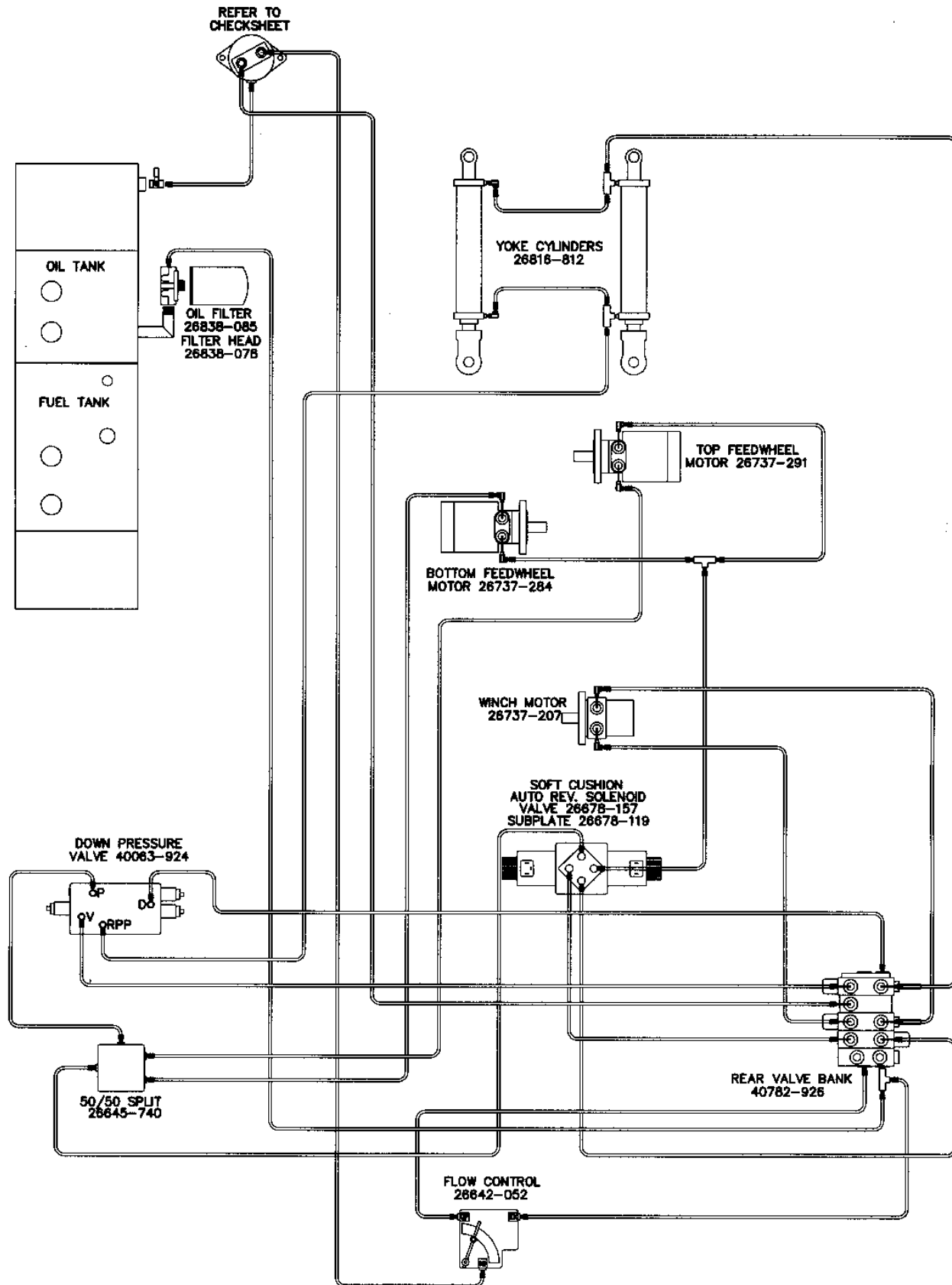
(AUTO REVERSE, WINCH AND SWIVEL DISCHARGE)



HYDRAULIC SCHEMATIC

ENGINE OPTION - PERKINS AND CAT

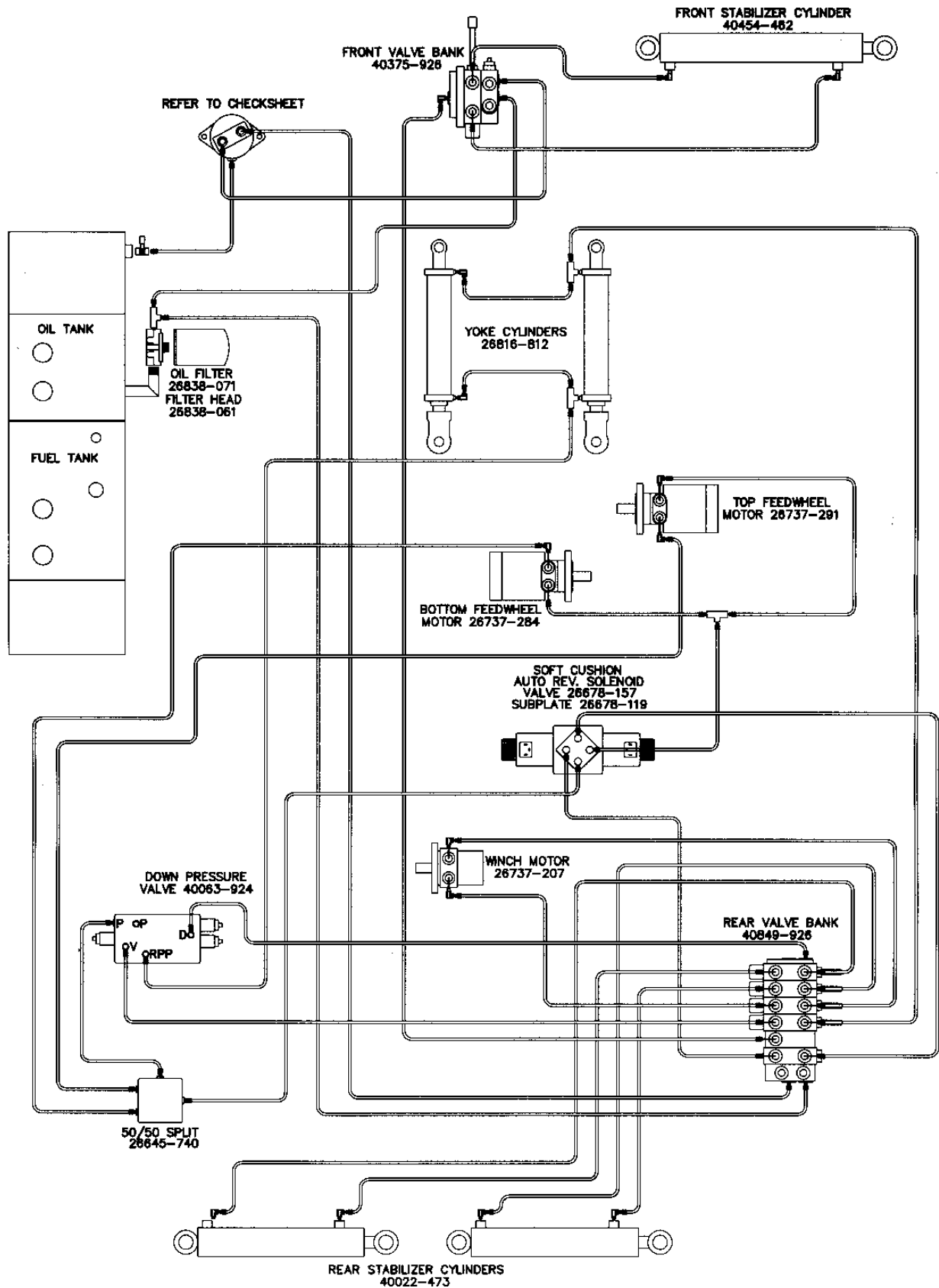
(AUTO REVERSE, WINCH AND FLOW CONTROL)



HYDRAULIC SCHEMATIC

ENGINE OPTION - PERKINS AND CAT

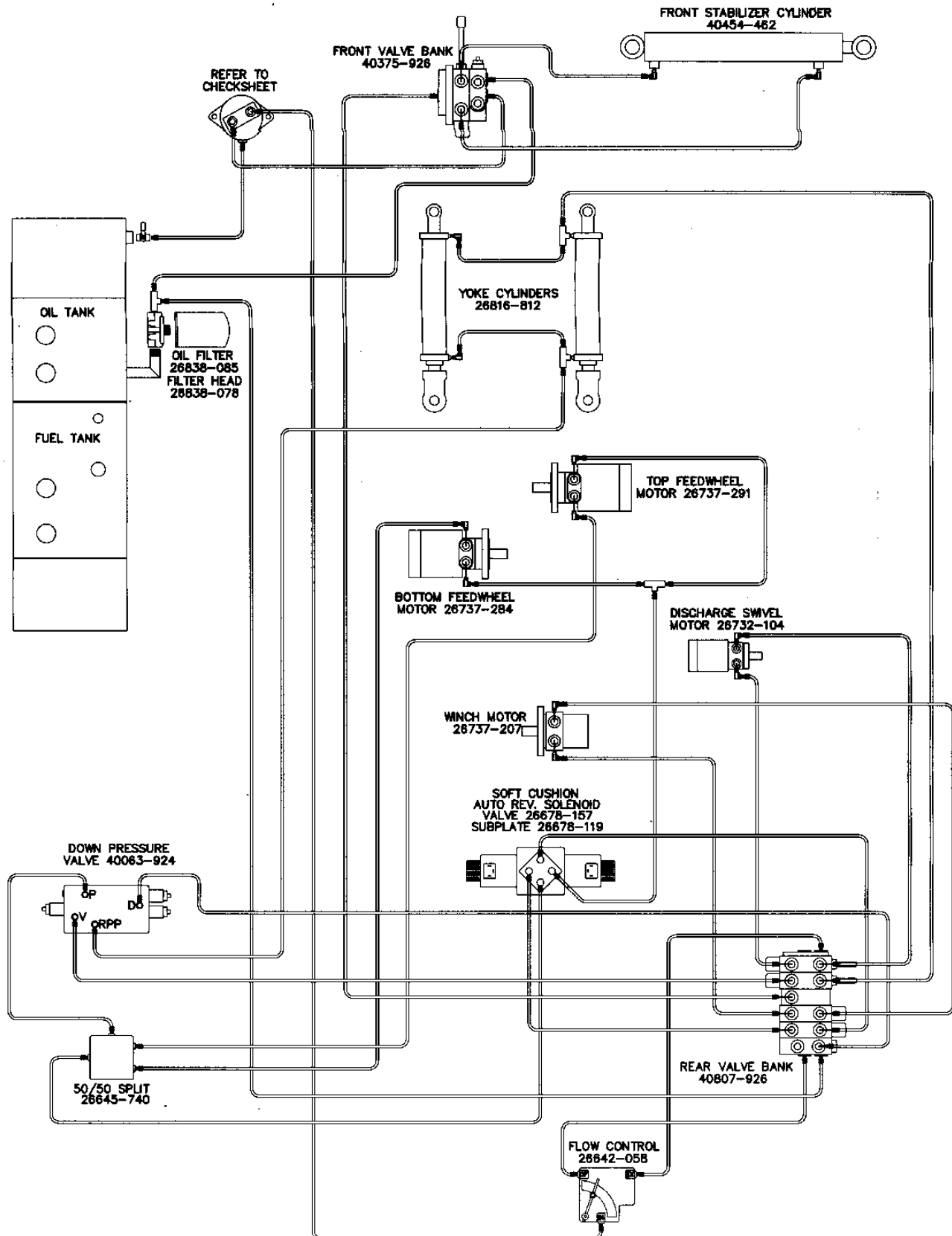
(AUTO REVERSE, FNT AND REAR STABILIZERS & WINCH)



HYDRAULIC SCHEMATIC

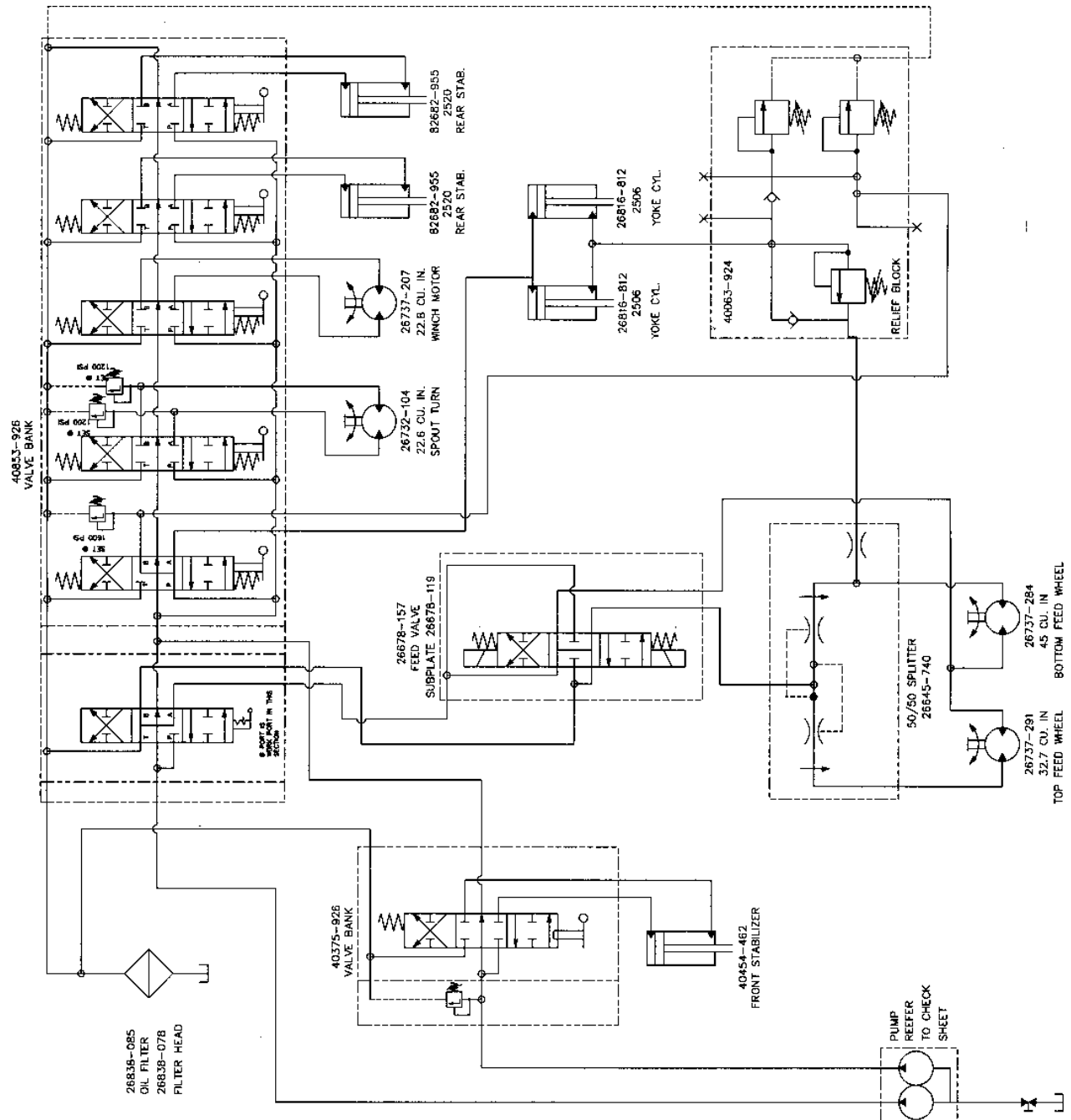
ENGINE OPTION - PERKINS AND CAT

(FNT STAB, FLOW CONTROL, HYD SW DSCHG & WINCH)



HYDRAULIC SCHEMATIC

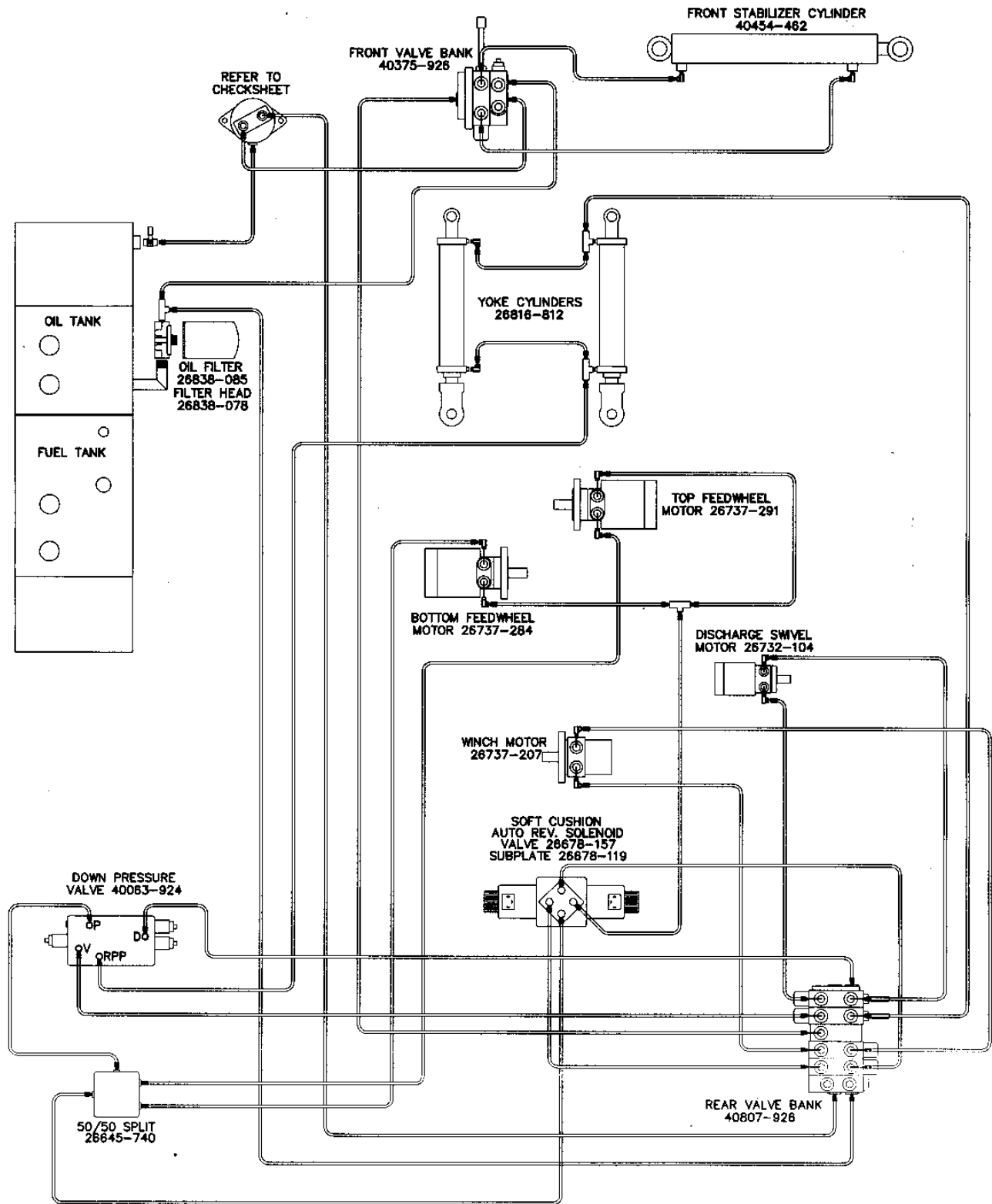
ENGINE OPTION - PERKINS AND CAT
(FNT & REAR STAB, HYD SW DSCHG & WINCH)



HYDRAULIC SCHEMATIC

ENGINE OPTION - PERKINS AND CAT

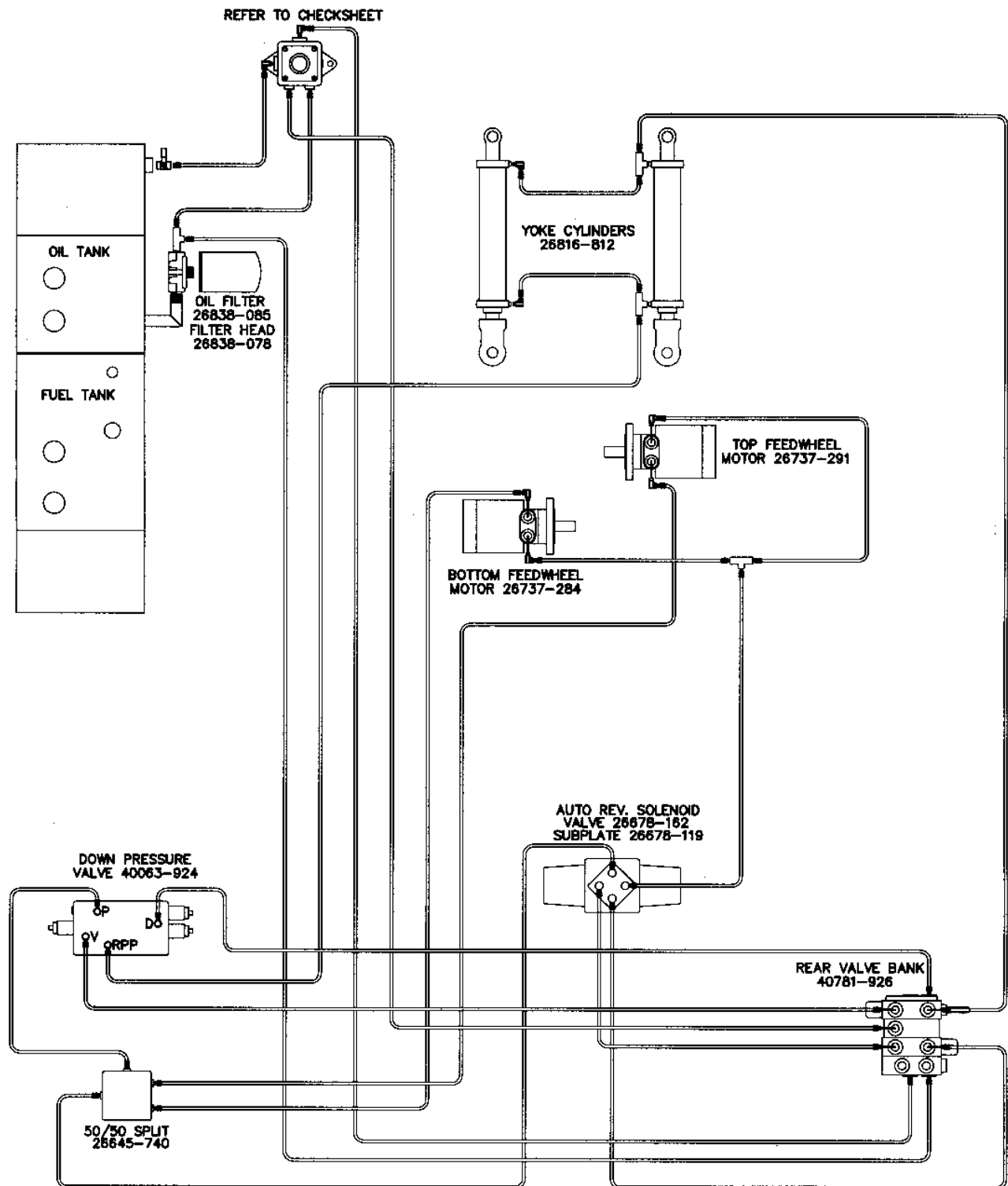
(FNT STAB, HYD SW DSCHG & WINCH)



HYDRAULIC SCHEMATIC

ENGINE OPTION - CUMMINS AND JOHN DEERE

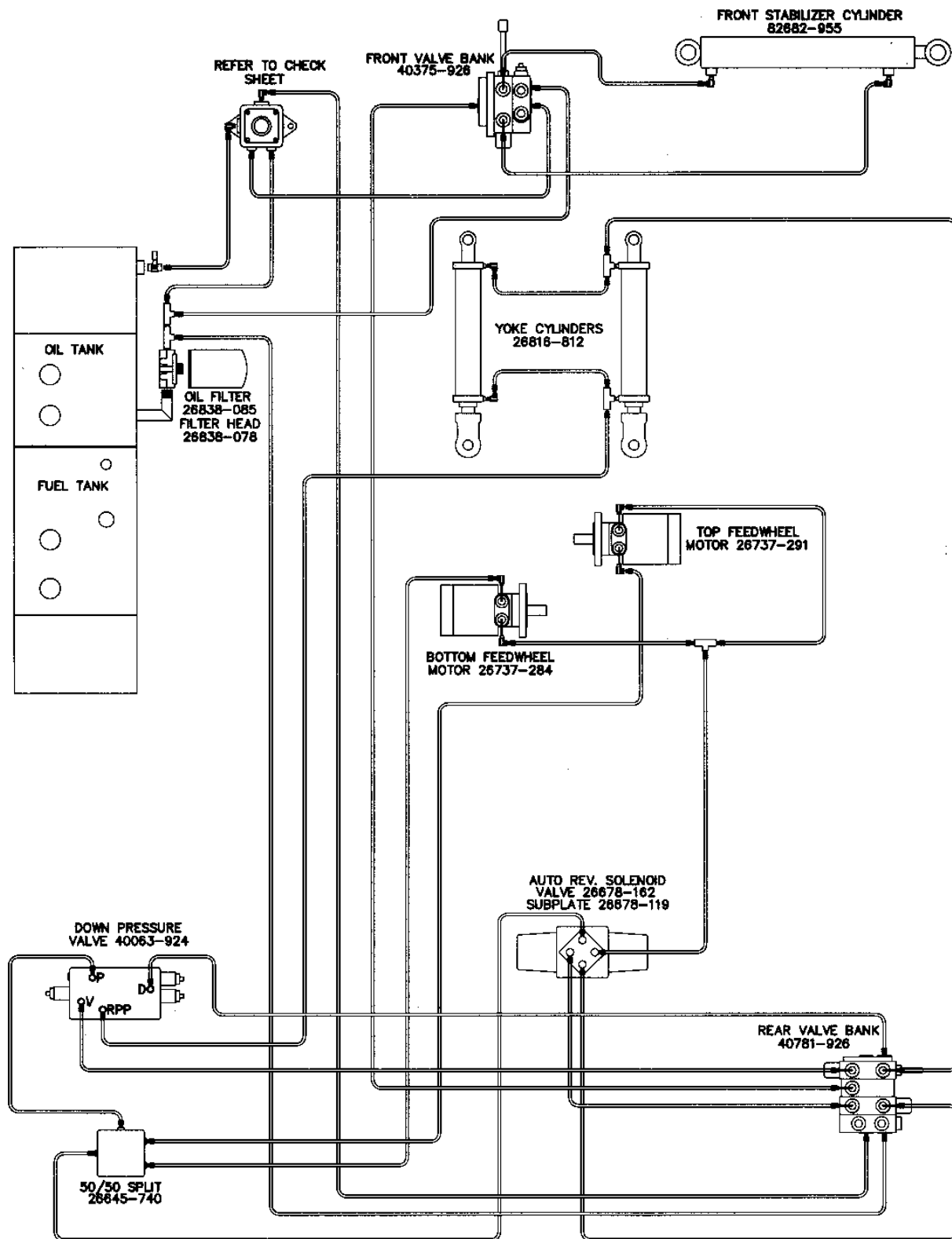
(AUTO - REVERSE)



HYDRAULIC SCHEMATIC

ENGINE OPTION - JOHN DEERE AND CUMMINS

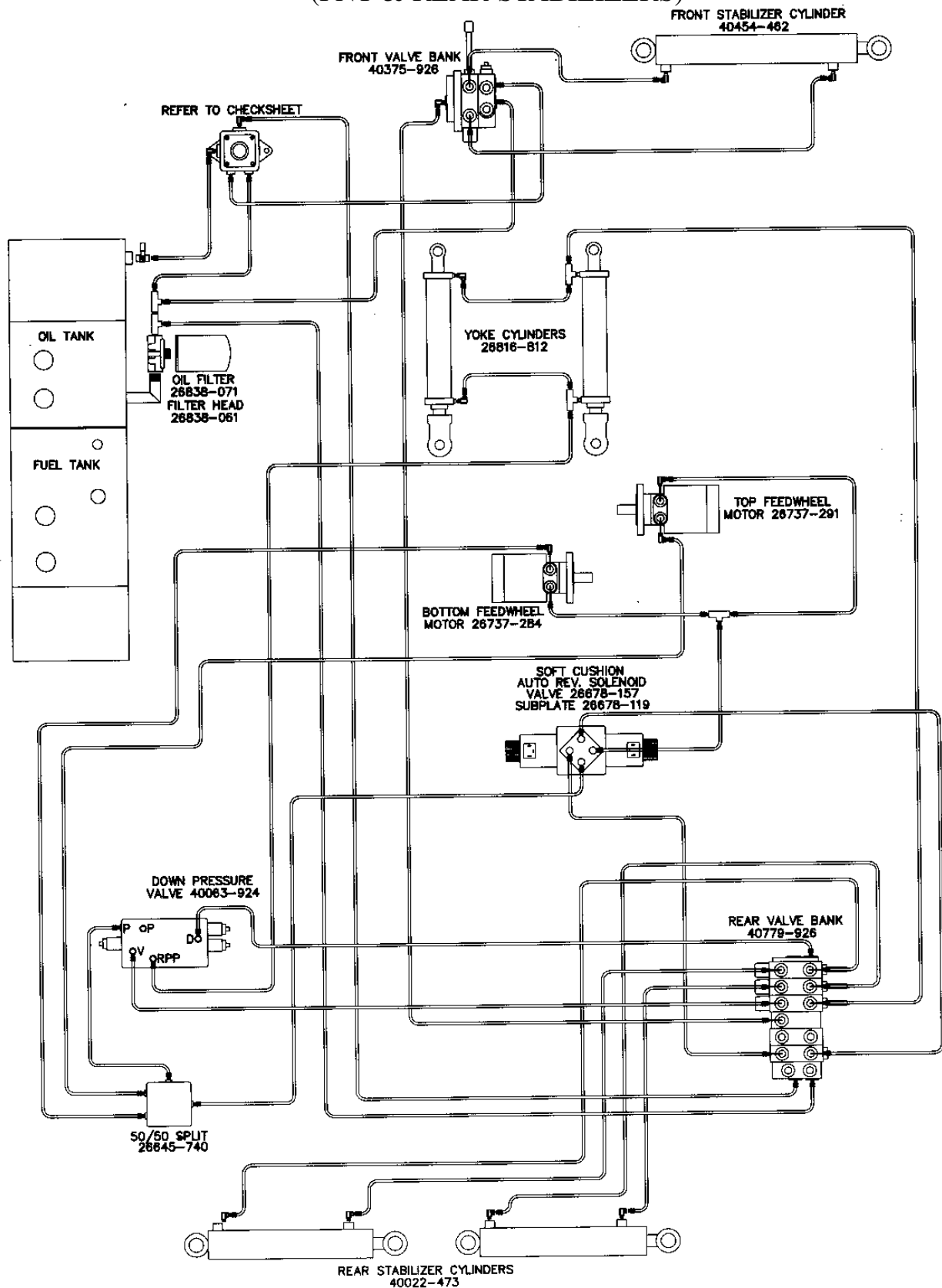
(AUTO REVERSE, FNT STABILIZER)



HYDRAULIC SCHEMATIC

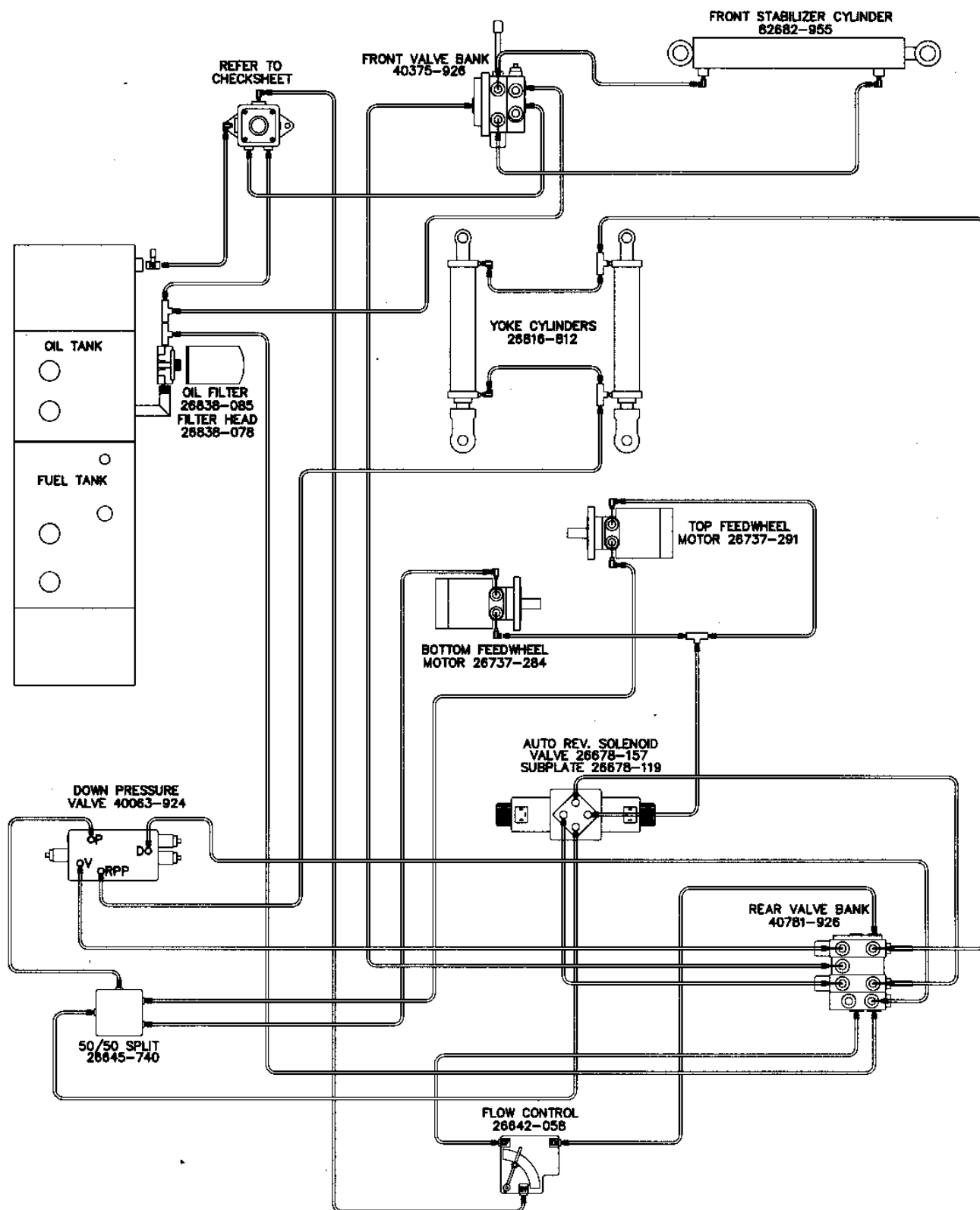
ENGINE OPTION - JOHN DEERE AND CUMMINS

(FNT & REAR STABILIZERS)

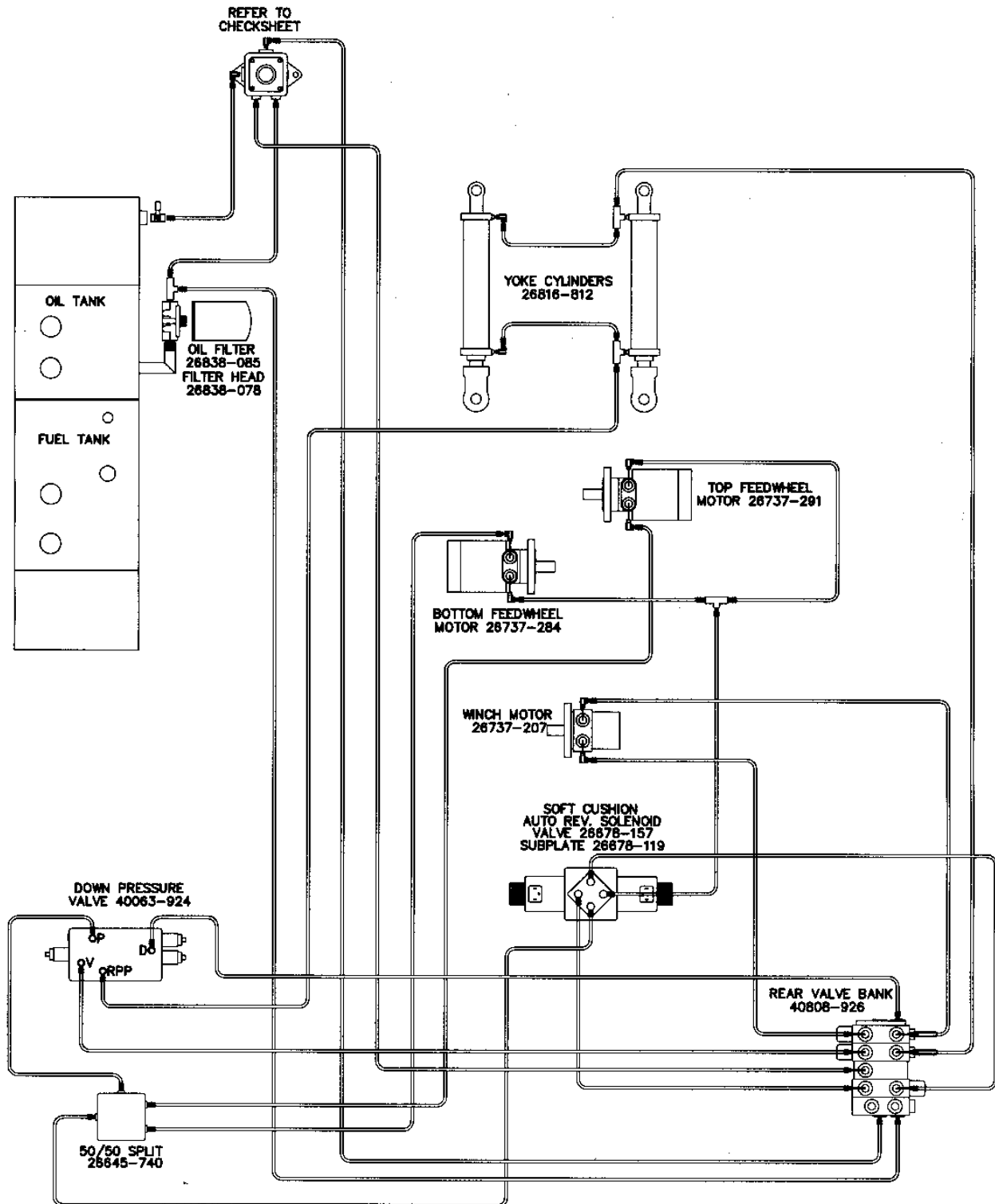


HYDRAULIC SCHEMATIC

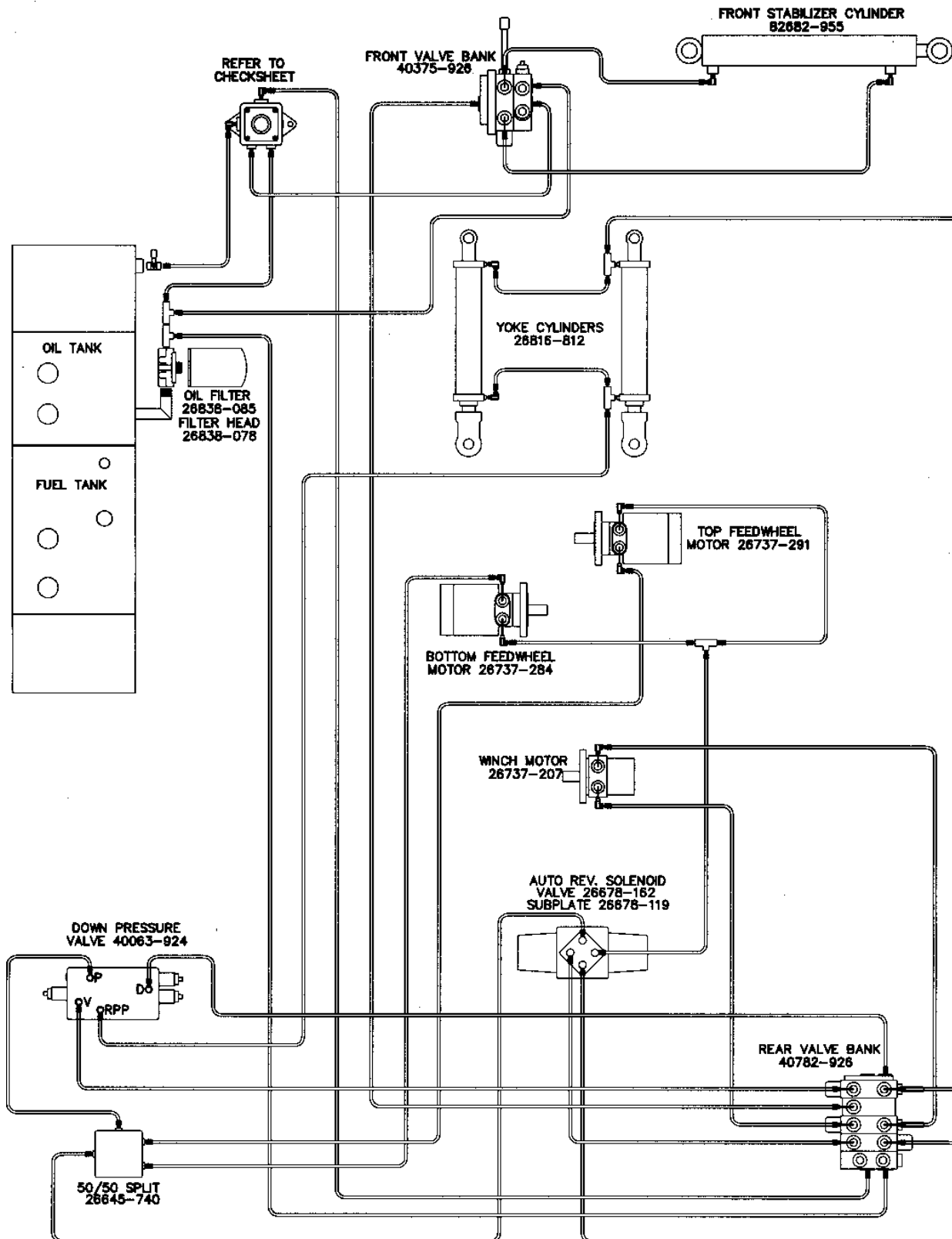
ENGINE OPTION - JOHN DEERE AND CUMMINS
(FLOW CONTROL, FNT STABILIZER)



ENGINE OPTION - JOHN DEERE AND CUMMINS (FLOW CONTROL, WINCH)

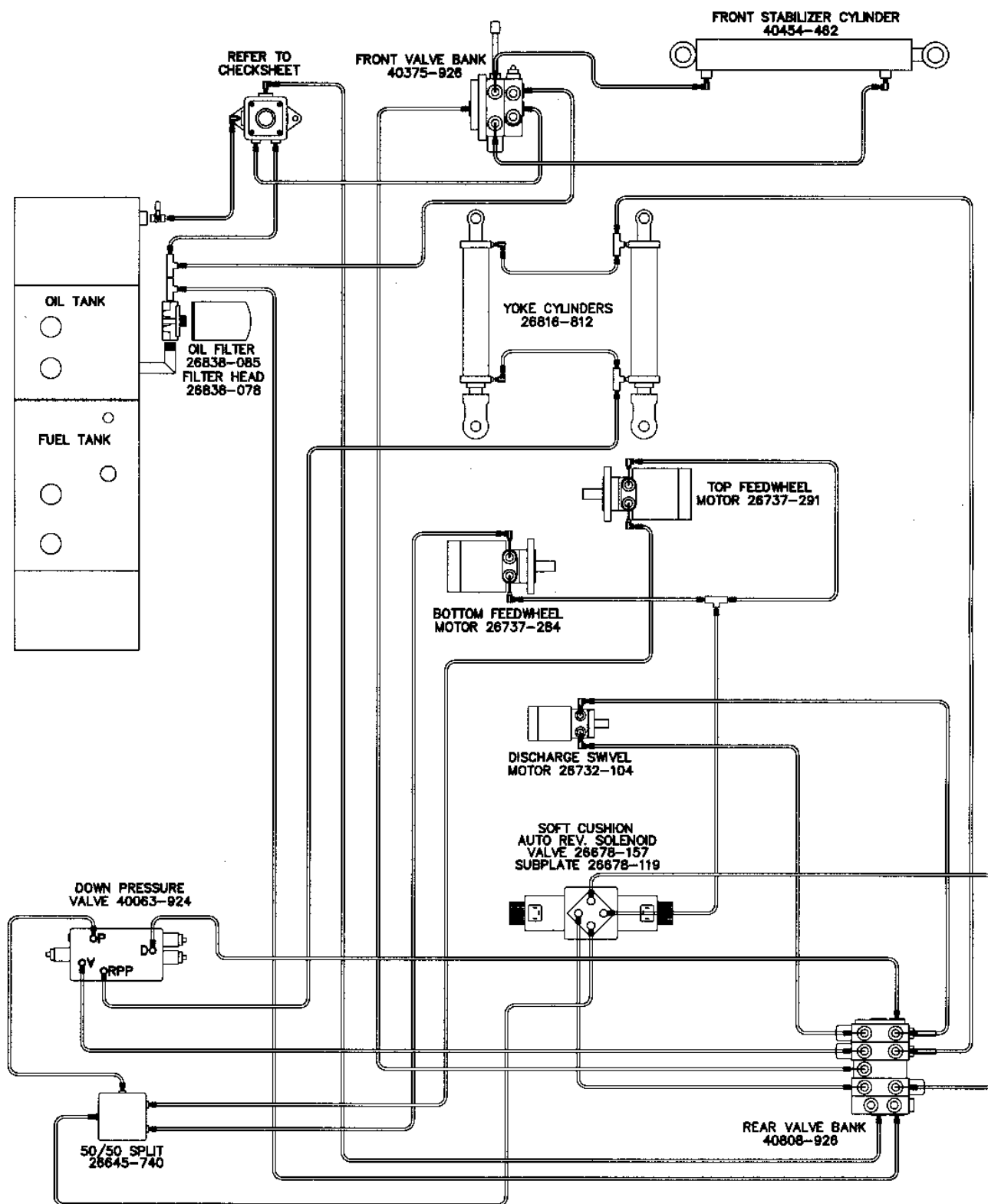


ENGINE OPTION - JOHN DEERE AND CUMMINS
(AUTO REVERSE, FRONT STABILIZER AND WINCH)



HYDRAULIC SCHEMATIC

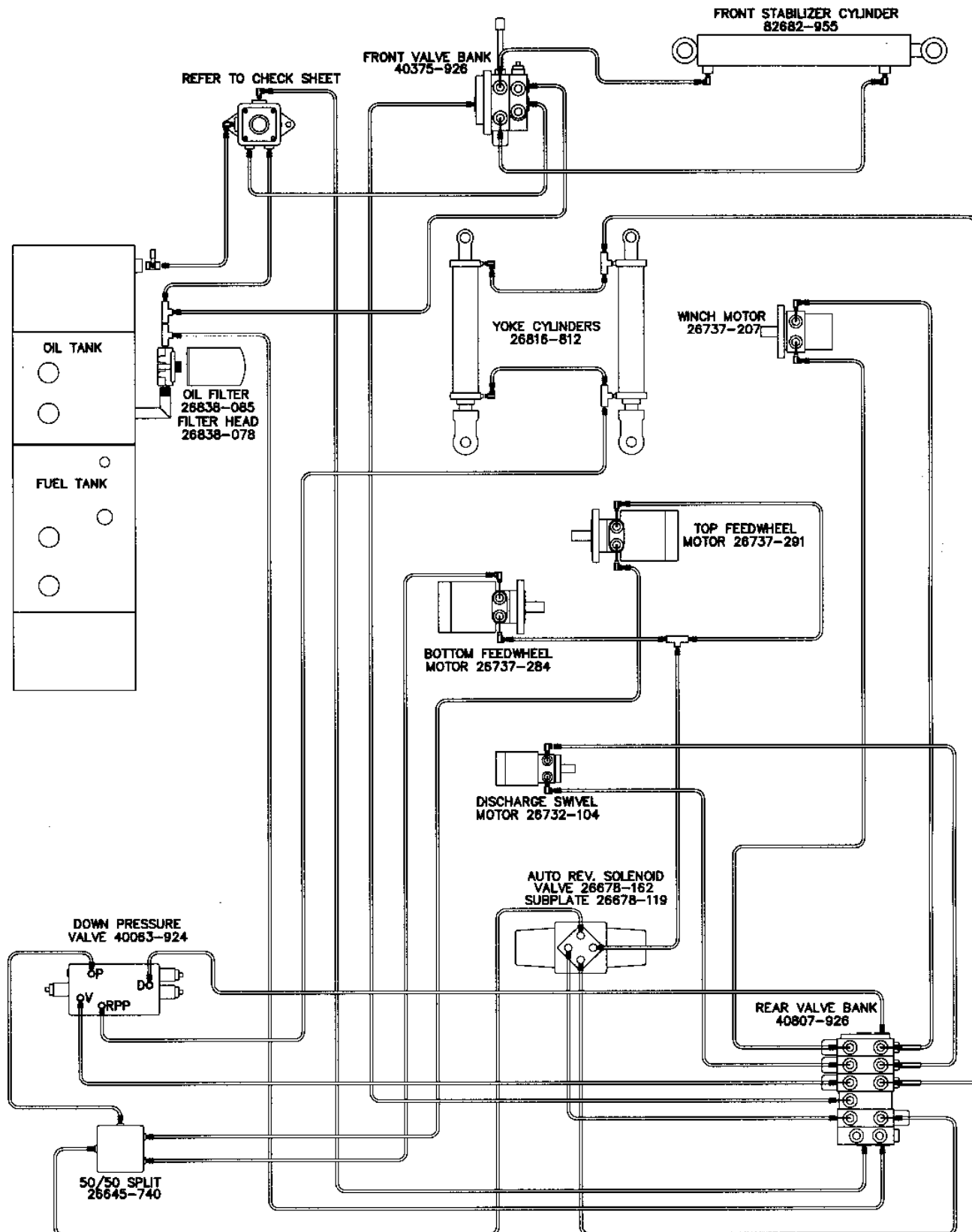
ENGINE OPTION - JOHN DEERE AND CUMMINS
(AUTO REVERSE, SWIVEL DSCHG AND FNT STAB)



HYDRAULIC SCHEMATIC

ENGINE OPTION - JOHN DEERE AND CUMMINS

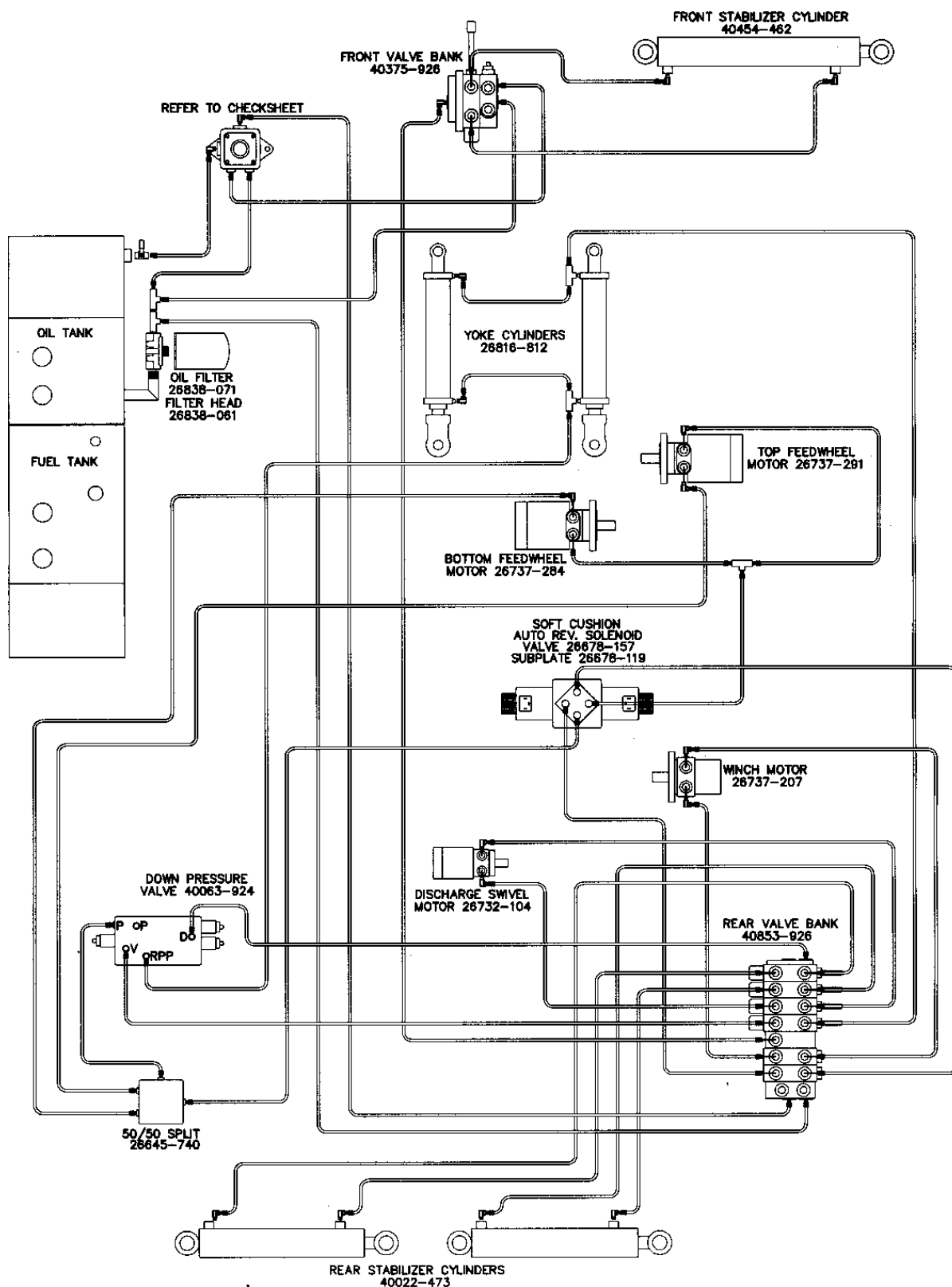
(AUTO REVERSE, FRONT STABILIZER, SWIVEL DSCHG AND WINCH)



HYDRAULIC SCHEMATIC

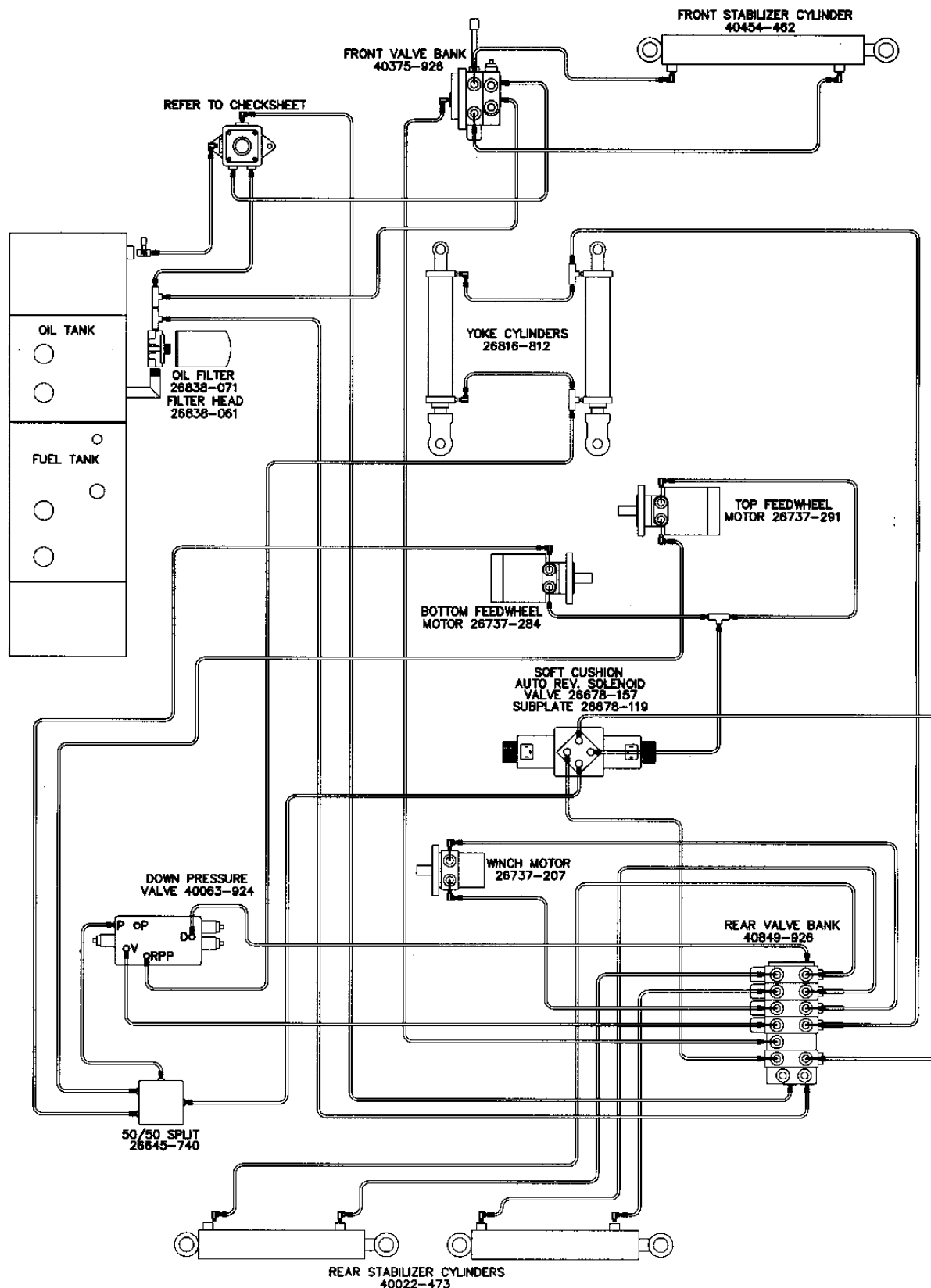
ENGINE OPTION - JOHN DEERE AND CUMMINS

(FRONT AND REAR STABILIZERS, SWIVEL DSCHG AND WINCH)



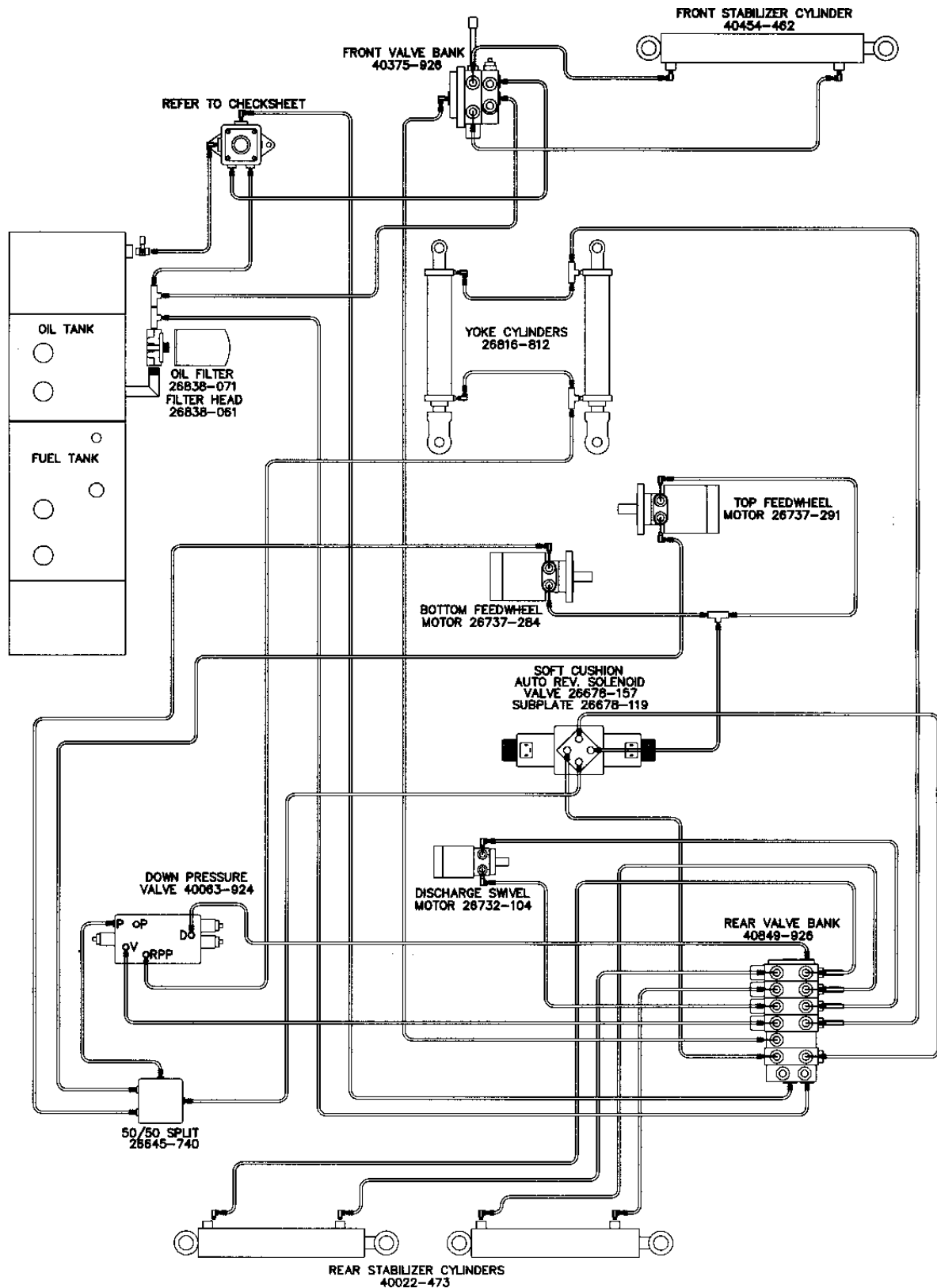
HYDRAULIC SCHEMATIC

ENGINE OPTION - JOHN DEERE AND CUMMINS
(FRONT AND REAR STABILIZERS AND WINCH)



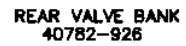
HYDRAULIC SCHEMATIC

ENGINE OPTION - CUMMINS AND JOHN DEERE
(FRONT STABILIZER, SWIVEL DSCHG, REAR STABILIZERS AND AUTO REVERSE)



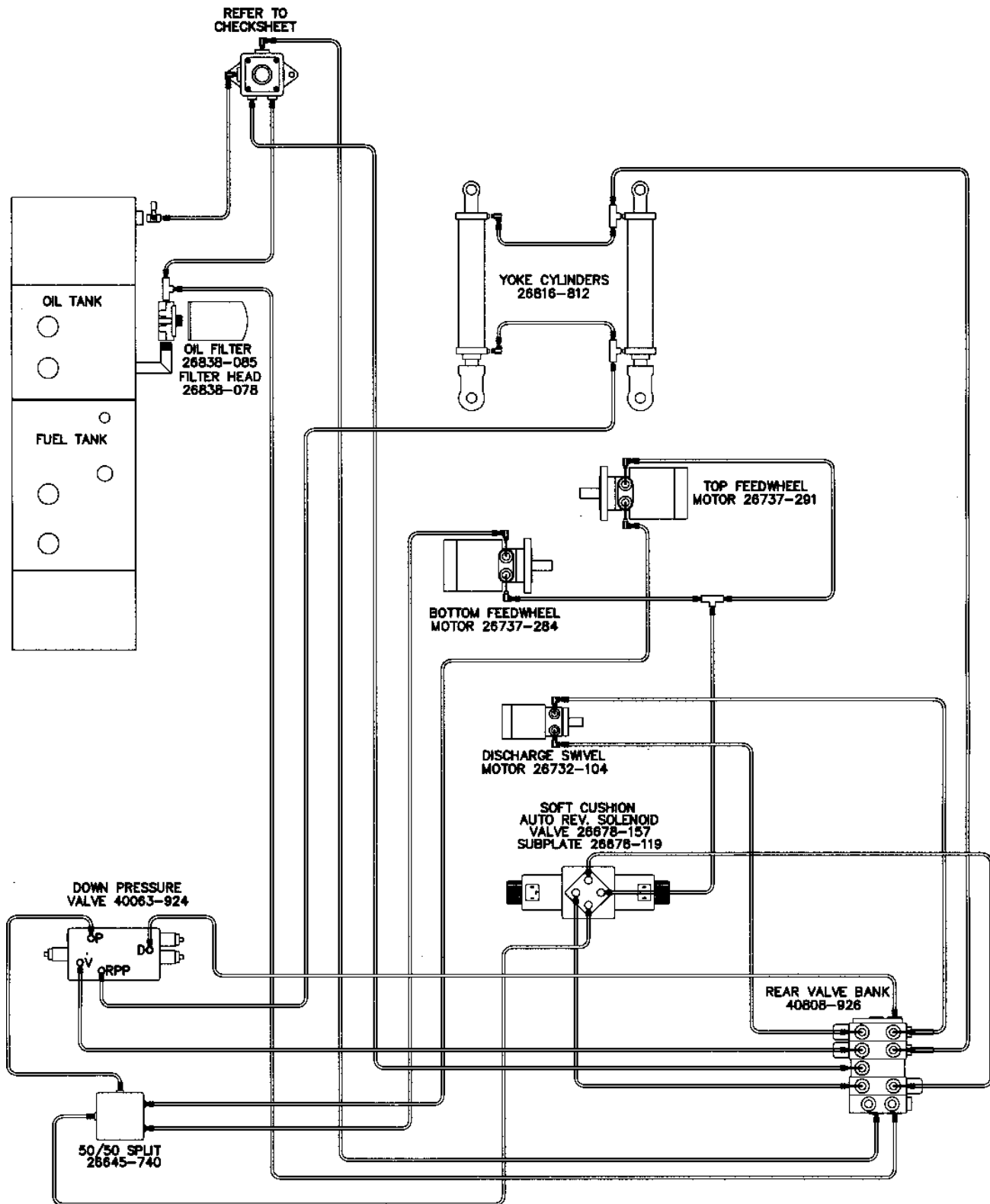
(FRONT AND REAR STAB, SWIVEL DSCHG, LOADER, OIL COOLER AND AUTO REV)

(AUTO REVERSE AND WINCH)



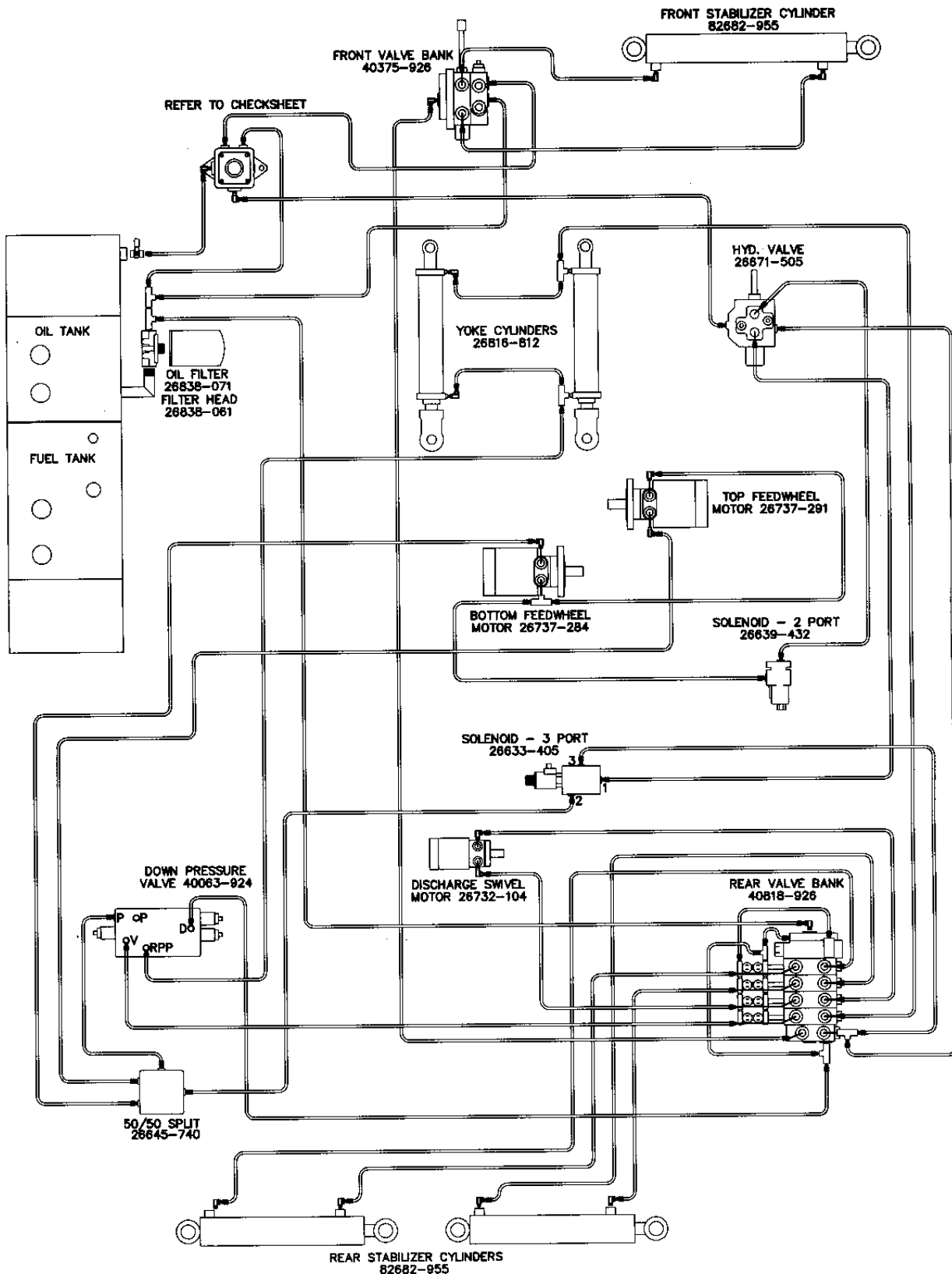
HYDRAULIC SCHEMATIC

ENGINE OPTION - JOHN DEERE AND CUMMINS
(AUTO REVERSE AND HYDRAULIC SWIVEL DISCHARGE)

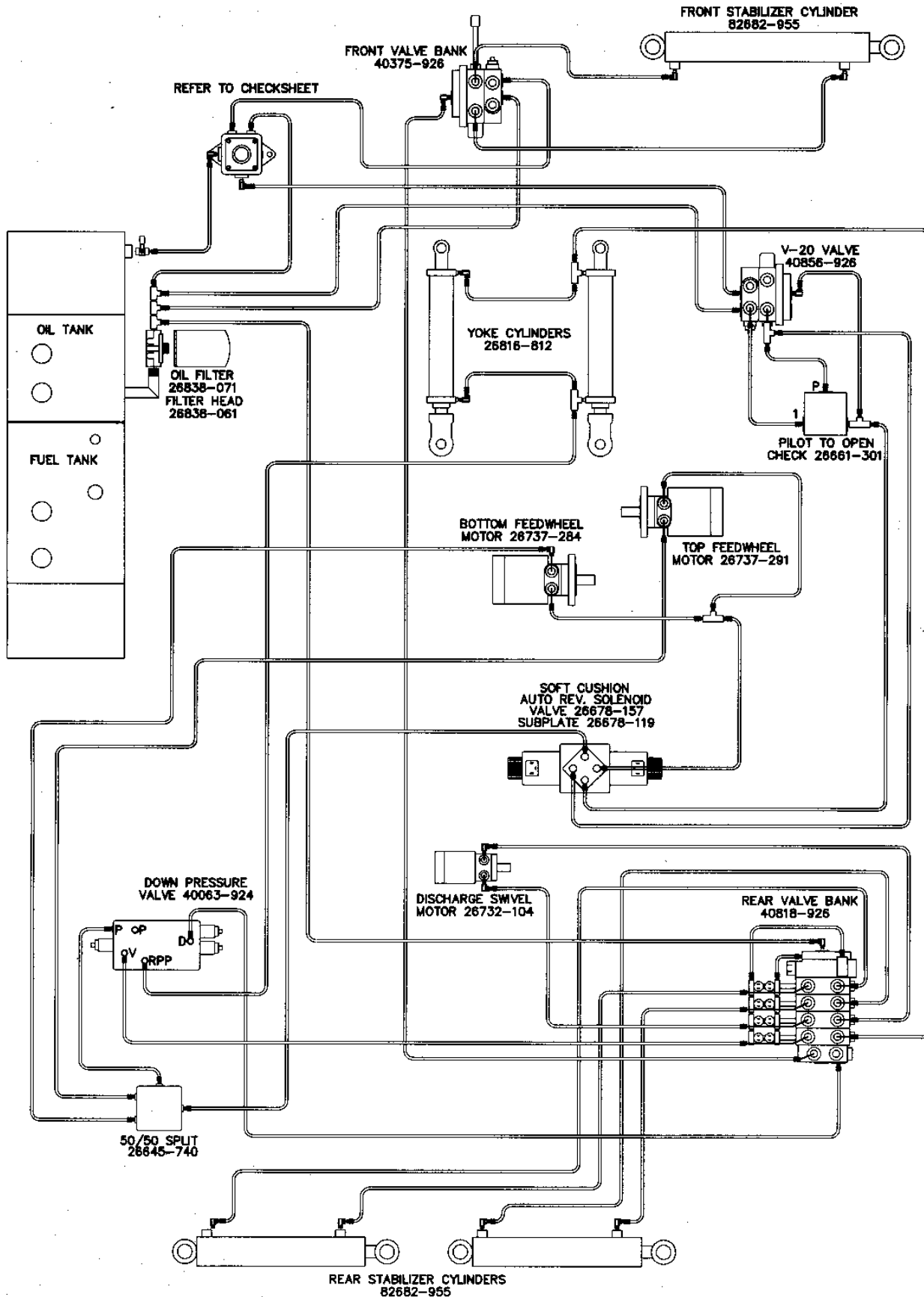


HYDRAULIC SCHEMATIC

(FRONT & REAR STAB, HYD SWIVEL, EURO SPECS)



OBM HYD COMPONENTS



REPLACEMENT PARTS ORDER RECORD

[illegible]