

Western Road Mach Ida Falls 522 6450
Don Bingham
Boise 342 651.6

Hall Perry Bellings mont.
#160 Roller Chain. 8' + 1/2 link.

REPAIR PARTS CATALOG
NO. 490 A
PACER 400 & 500 Super 400 & 500
BLH AUSTIN-WESTERN
POWER GRADERS
Ser. V 466-2830 Unit #8772

THIS REPAIR PARTS CATALOG APPLIES
TO MACHINES NUMBERED SERIALLY
FROM NO. 400 - 100 AND UP

THIS REPAIR PARTS CATALOG APPLIES
TO MACHINE NUMBERED _____

IMPORTANT: ALWAYS GIVE SERIAL NUMBERS OF GRADER AND ENGINE WHEN ORDERING PARTS

PRICE \$1.50 PER COPY

CONTACT YOUR NEAREST BLH AUSTIN-WESTERN DISTRIBUTOR
THERE IS ONE NEAR BY

- TO THE OPERATOR -

Give the BLH Austin-Western Distributor your grader and engine serial numbers when you order parts. We suggest that you write these serial numbers in the spaces provided below for ready reference when parts are required.

Grader Serial No. K566-2310
(on name plate on frame, on
L.H. side above front axle)

Engine Serial No. _____
(on Engine block)

- WARRANTY -

Company warrants all BLH Austin-Western products sold to Distributor for six (6) months after date of shipment, this warranty being limited to the replacement at the factory of such parts as it appears to Company upon inspection by Company to have been defective in material or workmanship. Company makes no warranty in respect to engines, tires, rims, electrical apparatus, or any other trade accessory not manufactured by Company, such being subject to the warranty of their respective manufacturers. No warranty is made or authorized to be made by Company other than herein set forth. Distributor agrees not to alter any products purchased hereunder nor to do anything that will in any way infringe, impeach or lessen the validity of the patents or trademarks under which Company's products are made or sold.

We reserve the right to make changes or add improvements at any time without incurring any obligation to make such changes on machines sold previously.

Double Sprocket. P.G.F. 18653
main Axel. P.G.F. 18654

INSTRUCTIONS FOR ORDERING PARTS

When ordering parts, follow the instructions listed below. By doing this you will be assured of receiving the correct part in the shortest period of time.

1. Send your order to the BLH Austin-Western Distributor for your territory.
2. Give the grader and engine serial numbers which will be found on the name plates attached to the mainframe and the engine.
3. Write the quantity, part number and description of the part wanted.
4. Give definite shipping instructions, that is: to whom and where the parts are to be shipped, also whether shipment is to go by parcel post, express, freight or truck, prepaid or collect.
5. Confirm all telephone or telegraph orders in writing.

RETURN OF PARTS

When you return parts to your BLH Austin-Western Distributor, be sure the package or part is tagged with your name and address; prepay transportation charges; then write to the Distributor giving full details of shipment as to when, how and why parts are being returned. Give the machine number for which parts are being returned.

CLAIMS FOR SHORTAGE OR BREAKAGE should be made to the transportation company on receipt of goods.

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ALWAYS USE GENUINE - BLH AUSTIN-WESTERN - REPAIR PARTS

Satisfactory and efficient operation of this machine is endangered by the use of inferior repair parts. The use of cheap and imitation parts invariably means short life and higher ultimate cost.

If repair parts could be made at lower cost and sold at less price without sacrificing quality we would do so. The correct material for the purpose and the knowledge acquired through many years of manufacturing enables - The BLH Austin-Western Plant - to produce quality that will not be found in imitation parts.

You take an unnecessary risk when you use inferior repair parts. We use many bolts, studs, capscrews, etc., that are listed with part numbers. These are made of alloy steel and heat treated to give them maximum strength. They may look like ordinary bolts, studs or capscrews, but use of a substitute for them will lead to break-downs, delays and damage to machine.

When ordering a tapered roller bearing always order a set, which consists of one bearing cup and one bearing cone with rollers.

ALWAYS USE GENUINE - BLH AUSTIN-WESTERN - REPAIR PARTS

- SAFETY FIRST -

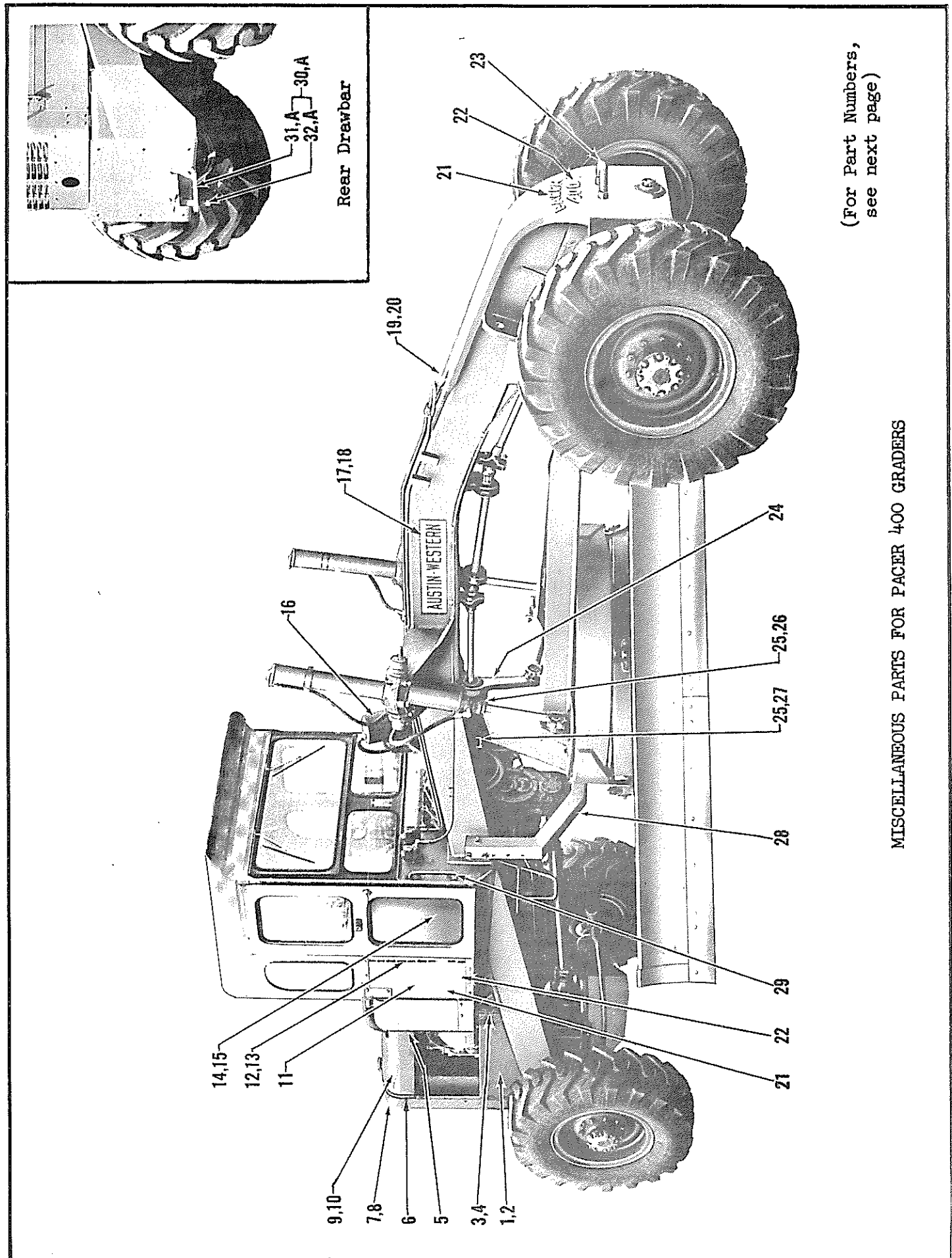
Accidents are caused by the failure of some individual to observe simple and fundamental safe rules or precaution. Accidents can be prevented by recognizing the cause of the accidents and doing something about it before the accident occurs.

Regardless of the care used in the design of a machine, there are points that cannot be completely safeguarded without interfering with accessibility and efficient operation.

A careful operator is the best insurance against an accident.

Many accidents would be prevented if the following rule were observed:

"Never attempt to clean, oil or adjust a machine while it is in motion."



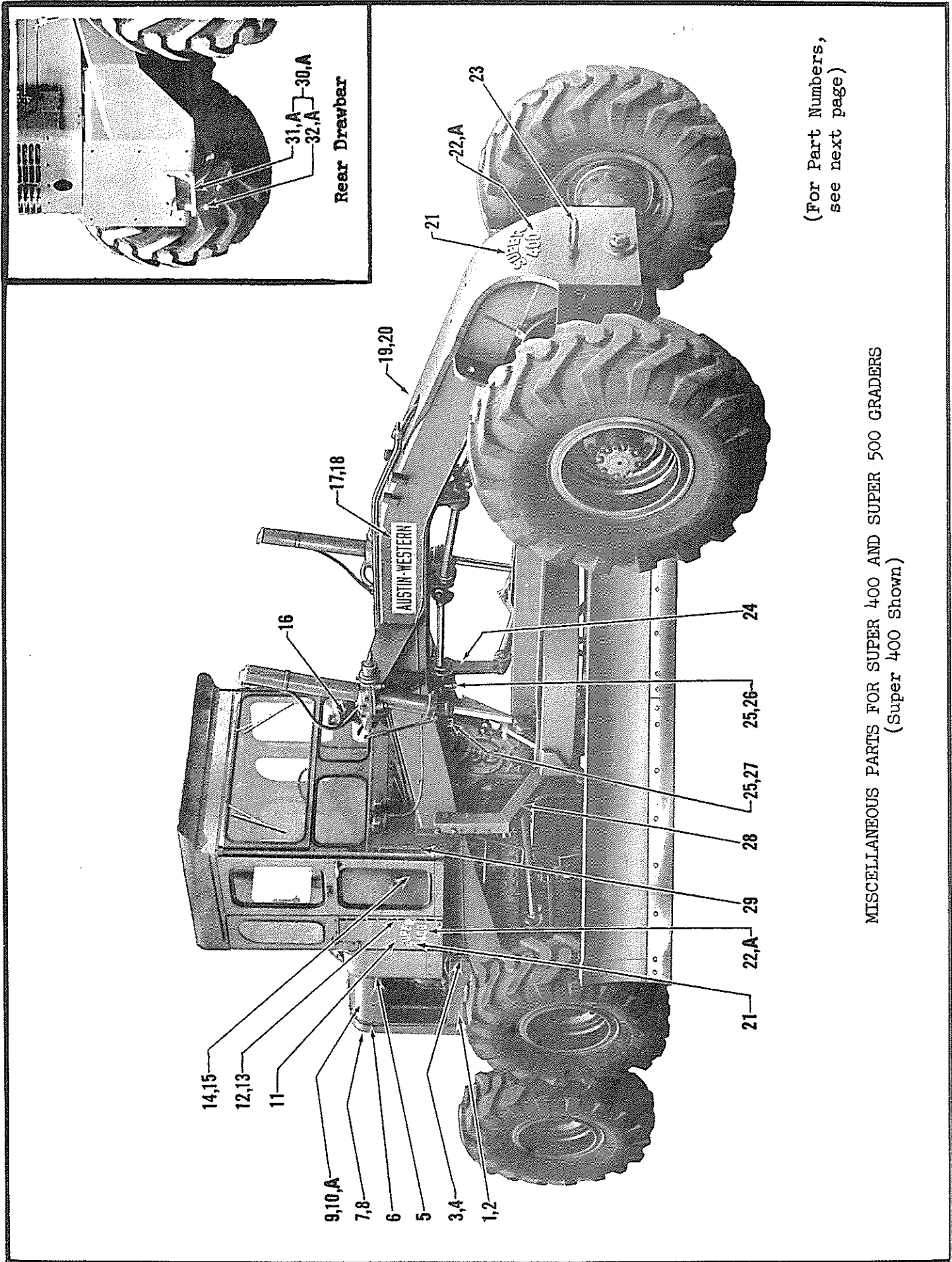
(For Part Numbers,
see next page)

MISCELLANEOUS PARTS FOR PACER 400 GRADERS

MISCELLANEOUS PARTS FOR PACER 400 GRADERS
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16081	1	SILL, right hand, hood side
2	PGF-16080	1	SILL, left hand, hood side
3	PGF-16112	1	ANGLE, right hand, hood side sill
4	PGF-16111	1	ANGLE, left hand, hood side sill
5	PGF-14504	1	BAND, hood (rear)
6	PGF-14563	1	BAND, hood (front)
7	PGF-14495	1	PLATE, A-W name (on radiator)
8	918076	8	SCREW, name plate
9	PGP-16079	1	HOOD with six PGF-3892 hangers (for GMC-4-71 engine)
10	PGP-16148	1	HOOD with six PGF-3892 hangers (for Cummins C-160 engine)
11	PGF-16042	1	WRAPPER, lower cab
12	PGF-13744	1	ANGLE, right hand, lower cab wrapper
13	PGF-13745	1	ANGLE, left hand, lower cab wrapper
14	PGF-16121	1	PANEL, cab lower (under seat)
15	PGF-15270	4	* ANGLE, cab lower panel
16			HIGH LIFT RAM (see separate page)
17	PGF-14230	2	PLATE, A-W name
18	751031	16	SCREW, name plate
19	PGF-17639	1	PLATE, name, serial number
20	751002	2	SCREW, serial number plate
21	PGF-17549	3	NAME TRANSFER, series designation
22	PGF-17555	3	NUMBER TRANSFER, series designation
23	PGF-14863	1	HOOK, tow ("U" bolt)
24	PGF-14479	1	SHAFT AND ARM, high lift
25		2	BEARING, high lift shaft (upper and lower halves)
26	AJF-3100	2	STUD, front bearing, high lift shaft
27	PGF-10234	2	STUD, rear bearing, high lift shaft
28	PGF-16243	1	GUARD, transfer case
29	PGF-11881	4	HANDLE, grab
30	PGU-2452	1	REAR DRAWBAR GROUP (includes Ref. Nos. 31 and 32)
30A	PGU-8455	1	REAR DRAWBAR GROUP (includes Ref. Nos. 31A and 32A)-(order in place of Ref. No. 30)
31	PGF-5212	1	BRACKET
31A	PGF-17084	1	BRACKET
32	BTF-517	1	PIN, connection
32A	PGF-17085	1	PIN, connection
33	PGF-16078	1	* SIDE, right hand, hood
34	PGF-16079	1	* SIDE, left hand, hood
35	BRF-1546	4	* FASTENER, hood side

Note: * Parts not illustrated.

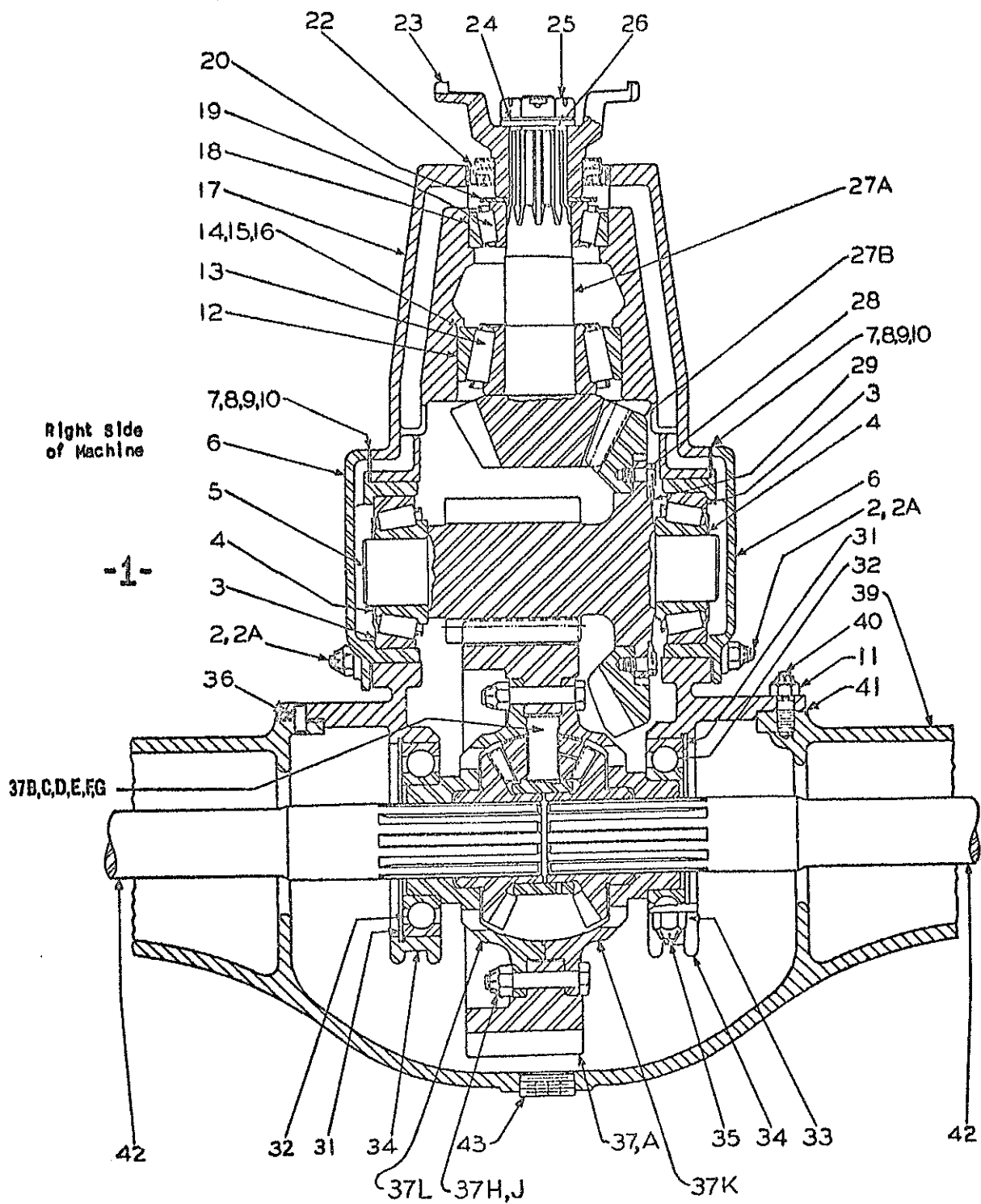


MISCELLANEOUS PARTS FOR SUPER 400 AND SUPER 500 GRADERS
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16081	1	SILL, right hand, hood side
2	PGF-16080	1	SILL, left hand, hood side
3	PGF-16112	1	ANGLE, right hand, hood side sill
4	PGF-16111	1	ANGLE, left hand, hood side sill
5	PGF-14504	1	BAND, hood (rear)
6	PGF-14563	1	BAND, hood (front)
7	PGF-14495	1	PLATE, A-W name (on radiator)
8	918076	8	SCREW, name plate
9	PGP-16097	1	HOOD with six PGF-3892 hangers (for GMC-4-71 engine)
10	PGP-16148	1	HOOD with six PGF-3892 hangers (for Cummins C-160 engine)
10A	PGP-16829	1	HOOD with eight PGF-3892 hangers (for GMC-6V-71 engine)
11	PGF-16042	1	WRAPPER, lower cab
12	PGF-13744	1	ANGLE, right hand, lower cab wrapper
13	PGF-13745	1	ANGLE, left hand, lower cab wrapper
14	PGF-16121	1	PANEL, cab lower (under seat)
15	PGF-15270	4	* ANGLE, cab lower panel
16			HIGH LIFT RAM (see separate page)
17	PGF-14230	2	PLATE, A-W name
18	751031	16	SCREW, name plate
19	PGF-17639	1	PLATE, name, serial number
20	751002	2	SCREW, serial number plate
21	PGF-17369	3	NAME TRANSFER, series designation
22	PGF-17555	3	NUMBER TRANSFER (400), series designation
22A	PGF-17556	3	* NUMBER TRANSFER (500), series designation
23	PGF-14863	1	HOOK, tow ("U" bolt)
24	PGF-14479	1	SHAFT AND ARM, high lift
25		2	BEARING, high lift shaft (upper and lower halves)
26	AJF-3100	2	STUD, front bearing, high lift shaft
27	PGF-10234	2	STUD, rear bearing, high lift shaft
28	PGF-16243	1	GUARD, transfer case
29	PGF-11881	4	HANDLE, grab
30	PGU-2452	1	REAR DRAWBAR GROUP (includes Ref. Nos. 31 and 32)
30A	PGU-8455	1	REAR DRAWBAR GROUP (includes Ref. Nos. 31A and 32A)-(order in place of Ref. No. 30)
31	PGF-5212	1	BRACKET
31A	PGF-17084	1	BRACKET
32	BTf-517	1	PIN, connection
32A	PGF-17085	1	PIN, connection
33	PGF-16078	1	* SIDE, right hand, hood
34	PGF-16079	1	* SIDE, left hand, hood
35	PGF-18416	1	* SIDE, right hand, hood
36	PGF-18417	1	* SIDE, left hand, hood
37	BRF-1546	4	* FASTENER, hood side

(for Super 400 graders)
(for Super 500 graders)

Note: * Parts not illustrated.



(For Part Numbers,
see next page)

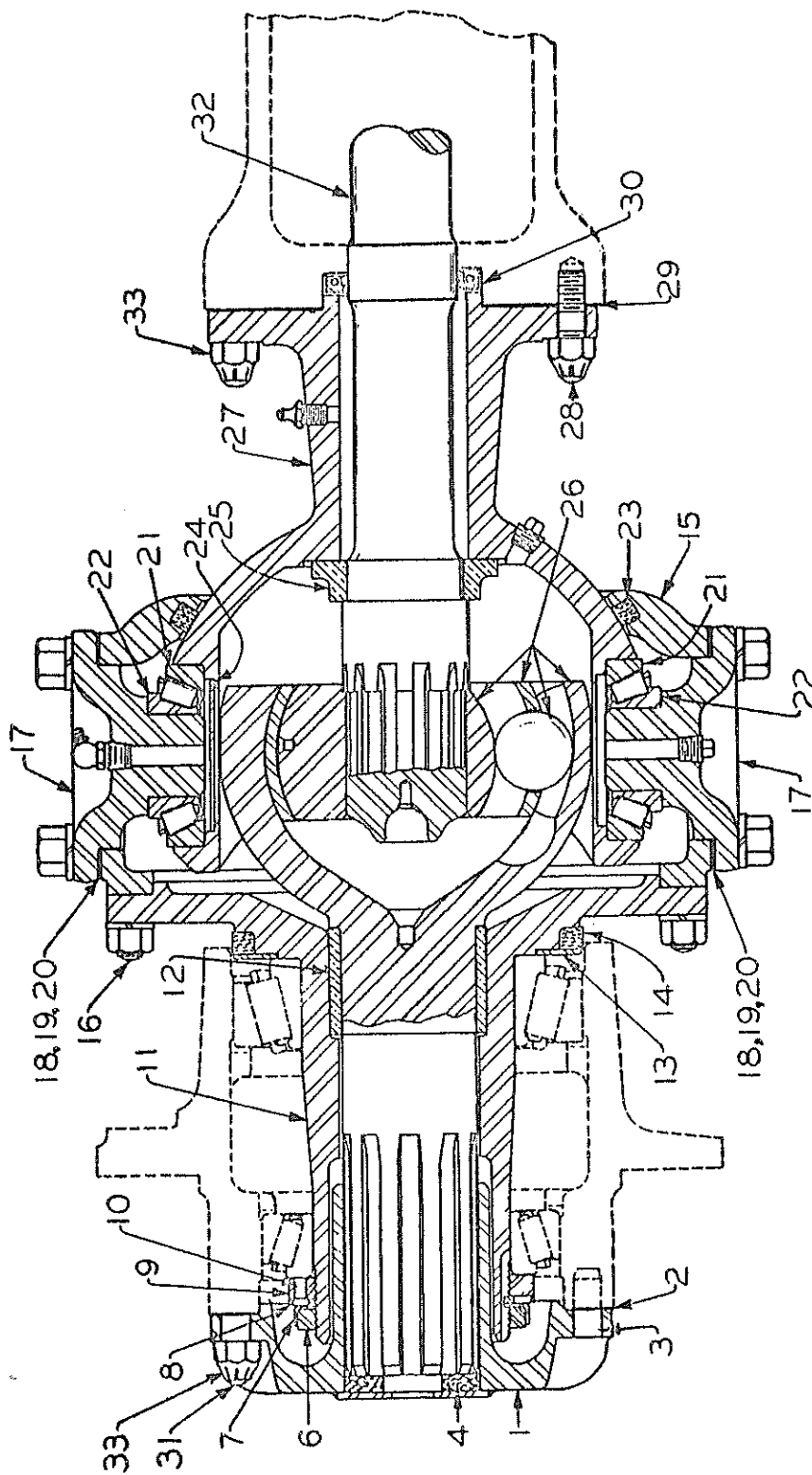
FRONT AXLE GEAR CARRIER
(On Pacer 400 - Super 400 - Super 500)

FRONT AXLE GEAR CARRIER
(On Pacer 400 - Super 400 - Super 500)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGU-2705	1	FRONT AXLE GEAR CARRIER GROUP (includes Ref. 2 to 38 inclusive except Ref. 11,21 and 36)
2	PGF-15502	12	STUD
2A	914006	12	NUT, hug-lock
3	313208	2	CUP, bearing
4	312547	2	CONE AND ROLLERS, bearing
5	PGF-16515	1	PINION
6	PGF-15497	2	CAP WITH CUP, bearing (includes 1 of Ref. 3)
7	PGF-15568	4	GASKET
8	PGF-15571	As req'd	SHIM (.005" thick)
9	PGF-15570	As req'd	SHIM (.007" thick)
10	PGF-15569	As req'd	SHIM (.020" thick)
11	914007	18	NUT, hug-lock
12	313463	1	CUP, bearing
13	319010	1	CONE AND ROLLERS, bearing
14	PGF-11957	As req'd	SHIM (.005" thick)
15	PGF-11956	As req'd	SHIM (.007" thick)
16	PGF-11958	As req'd	SHIM (.020" thick)
17	PGF-15896	1	CARRIER, gear (includes Ref. 33,34 & 35)
18	313448	1	CUP, bearing
19	312991	1	CONE AND ROLLERS, bearing
20	PGF-4852	1	WASHER, spline shaft
21	810005	1	PLUG, filler & oil level (in axle hsg.-not shown)
22	PGF-5240	1	SEAL, oil
23	PGF-8537-58	1	YOKE, fitting
24	PGF-15446	1	WASHER
25	PGF-15449	1	NUT, slotted
26	PGF-15445	2	GASKET, washer
27A	PGF-16511	1	* PINION, spiral bevel
27B	PGF-16511	1	* GEAR, spiral bevel
28	PGF-15499	8	BOLT, bevel gear
29	PGF-9436	1	WIRE, lock
31	PGF-12594	2	WASHER, differential bearing
32	311340	2	BALL BEARING, differential hub
33	914009	4	NUT, hug-lock
34		2	@ CAP, bearing
35	PGF-15894	4	STUD
36	PGF-15413	2	PIN, dowel
37	PGF-16516	1	DIFFERENTIAL UNIT (includes Ref. Nos. 37A to 37L inclusive)
37A	PGF-16512	1	BULL GEAR
37B	PGU-9716	1	BEVEL PINION AND SPIDER GROUP (includes Ref. Nos. 37D, 37E and 37F)
37C	PGF-14738	2	GEAR, side, bevel
37D		1	SPIDER (order Ref. No. 37B)
37E		4	BUSHING, spider (order Ref. No. 37B)
37F	PGF-14735	4	WASHER, pinion
37G	PGF-17719	2	WASHER, side bevel gear
37H	PGF-15899	16	BOLT
37I	PGF-15900	16	NUT, huglock
37K	PGU-9717	1	CASE, tongued (includes Ref. No. 37L)
37L	PGU-9717	1	CASE, recessed (includes Ref. No. 37K)
38	HCF-6418	1	PLUG, gear carrier vent - top (not shown)
39	PG-2422	1	HOUSING, front axle
40	PGF-13550	18	STUD
41	PGF-15904	1	GASKET
42			SHAFT, drive (see separate page)
43	812006	1	PLUG, drain, countersunk head

Note: * Bevel pinion and bevel gear sold in matched sets only.

@ Bearing caps not sold separately. Order Ref. 17, PGF-15896, gear carrier.



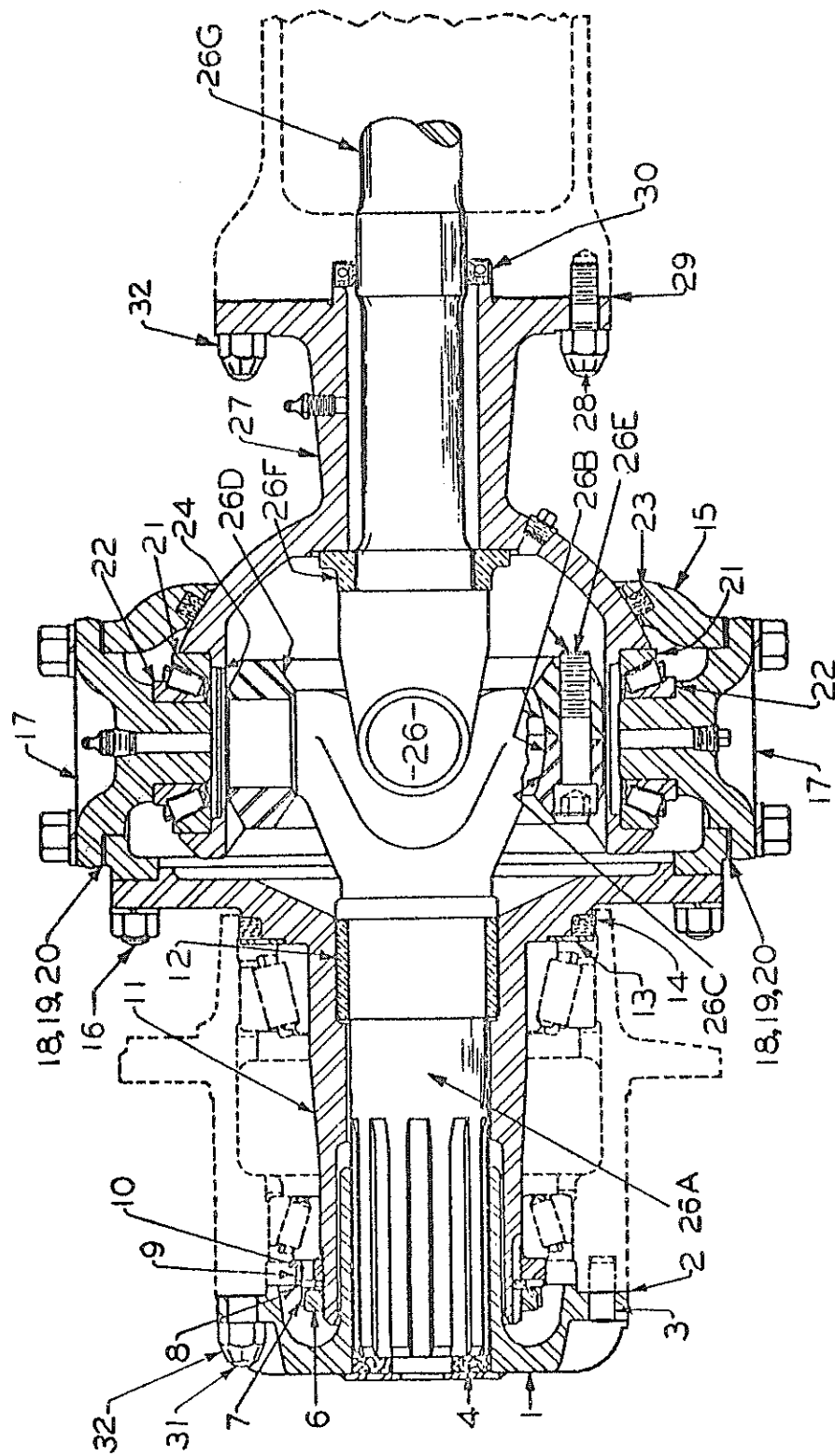
(For Part Numbers,
see next page)

FRONT AXLE STEERING KNUCKLE AND UNIVERSAL JOINT
(On Pacer 400)

FRONT AXLE STEERING KNUCKLE AND UNIVERSAL JOINT ON PACER 400
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-15537	1	HUB, driving
2	PGF-15591	1	GASKET
3	PGF-15413	2	PIN, dowel
4	PGF-7012	1	FELT
6	PGF-5436	1	NUT, lock
7	PGF-5439	1	WASHER, lock
8	PGF-5438	1	WASHER
9	PGU-5437	1	ADJUSTING NUT WITH PIN (includes Ref. No. 10)
10	PGF-3677	1	PIN, adjusting nut
11	PGF-15550	1	KNUCKLE, steering
12	PGF-5591	1	BUSHING, steering knuckle
13	PGF-4358	1	WASHER
14	PGF-4360	1	FELT
15	PGP-2410	1	FLANGE, knuckle - with one PGF-8753 bushing
16	PGF-13550	12	STUD
17	PGF-14727	2	CAP, steer bearing
18	PGF-4345	As req'd	SHIM - .005" thick
19	PGF-4346	As req'd	SHIM - .007" thick
20	PGF-4347	As req'd	SHIM - .020" thick
21	313380	2	CUP, bearing
22	312836	2	CONE AND ROLLERS, bearing
23	PGF-4362	1	FELT
24	PGF-4339-2	1	RETAINER, grease
25	PG-2123	1	RETAINER, axle
26	PGF-16177	1	* DRIVE JOINT GROUP
27	PGF-15505	1	SOCKET, trunnion
28	PGF-15888	8	STUD
29	PGF-12824	1	GASKET
30	194206	1	SEAL, oil
31	PGF-15534	8	STUD
32	PGF-14521	1	SHAFT, drive
33	914008	16	NUT, huglock

Note: * Drive joint repair parts not sold separately. Order complete drive joint group.



(For Part Numbers,
see next page)

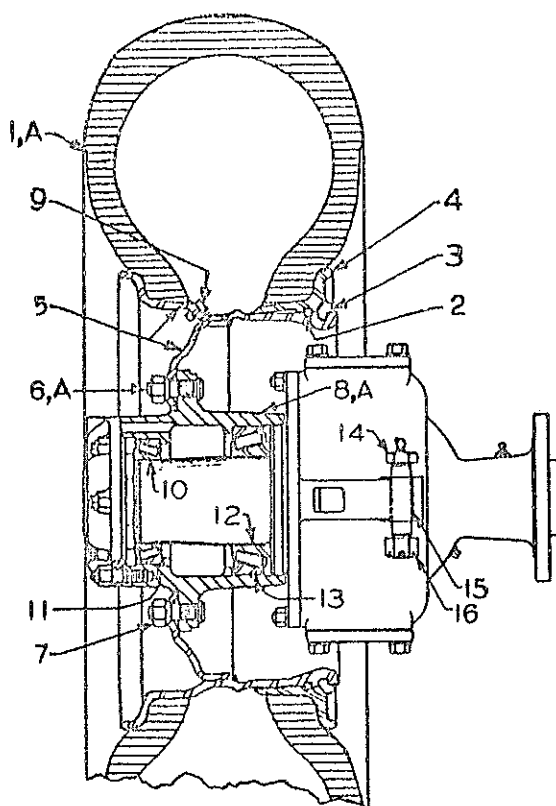
FRONT AXLE STEERING KNUCKLE AND UNIVERSAL JOINT
(On Super 400 and Super 500)

FRONT AXLE STEERING KNUCKLE AND UNIVERSAL JOINT
(ON SUPER 400 AND SUPER 500)

(For illustration, see preceding page)

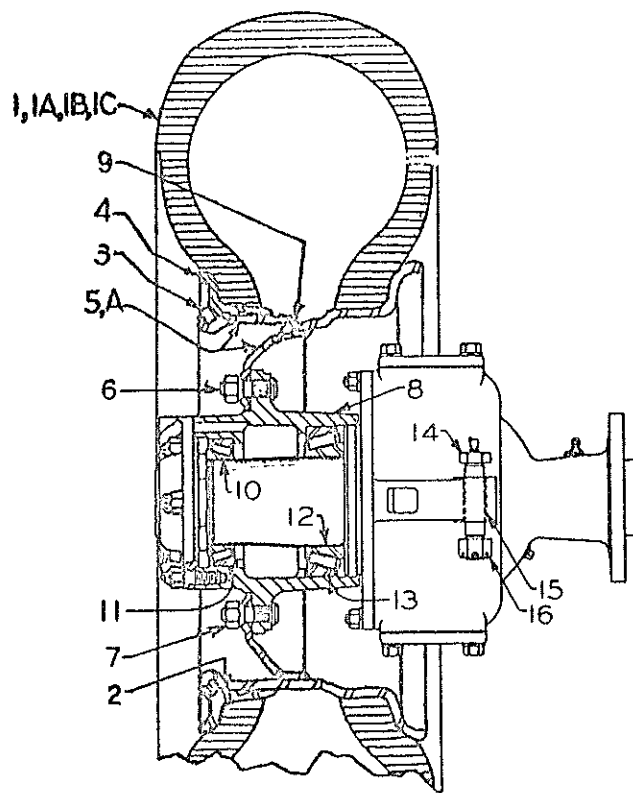
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-15537	1	HUB, driving
2	PGF-15591	1	GASKET
3	PGF-15413	2	PIN, dowel
4	PGF-7012	1	FELT
6	PGF-5436	1	NUT, lock
7	PGF-5439	1	WASHER, lock
8	PGF-5438	1	WASHER
9	PGU-5437	1	ADJUSTING NUT WITH PIN (includes Ref. No. 10)
10	PGF-3677	1	PIN, adjusting nut
11	PGF-15550	1	KNUCKLE, steering
12	PGF-5591	1	BUSHING, steering knuckle
13	PGF-4358	1	WASHER
14	PGF-4360	1	FELT
15	PGF-2410	1	FLANGE, knuckle - with one PGF-8753 bushing
16	PGF-13550	12	STUD
17	PGF-14727	2	CAP, steer bearing
18	PGF-4345	As req'd	SHIM, .005" thick
19	PGF-4346	As req'd	SHIM, .007" thick
20	PGF-4347	As req'd	SHIM, .020" thick
21	313380	2	CUP, bearing
22	312836	2	CONE AND ROLLERS, bearing
23	PGF-4362	1	FELT
24	PGF-4339-2	1	RETAINER, grease
26	PGU-2463	1	BEARING RING AND SHAFT GROUP (includes Ref. Nos. 26A,B,F and G)
26A	PGF-11923	1	SHAFT, drive - short
26B	PGF-11927	1	RING GROUP (includes Ref. Nos. 26C,D and E)
26C		1	* RING, male (not sold separately. Order Ref. No. 26B)
26D		1	* RING, female (not sold separately. Order Ref. No. 26B)
26E	PGF-12612	8	CAPSCREW - hollow head
26F	PG-2123	1	RETAINER, axle
26G	PGF-14723	1	SHAFT, drive - long
27	PGF-15505	1	SOCKET, trunnion
28	PGF-15888	8	STUD
29	PGF-12824	1	GASKET
30	194206	1	SEAL, oil
31	PGF-15534	8	STUD
32	914008	16	NUT, huglock

Note: * Sold in pairs only.



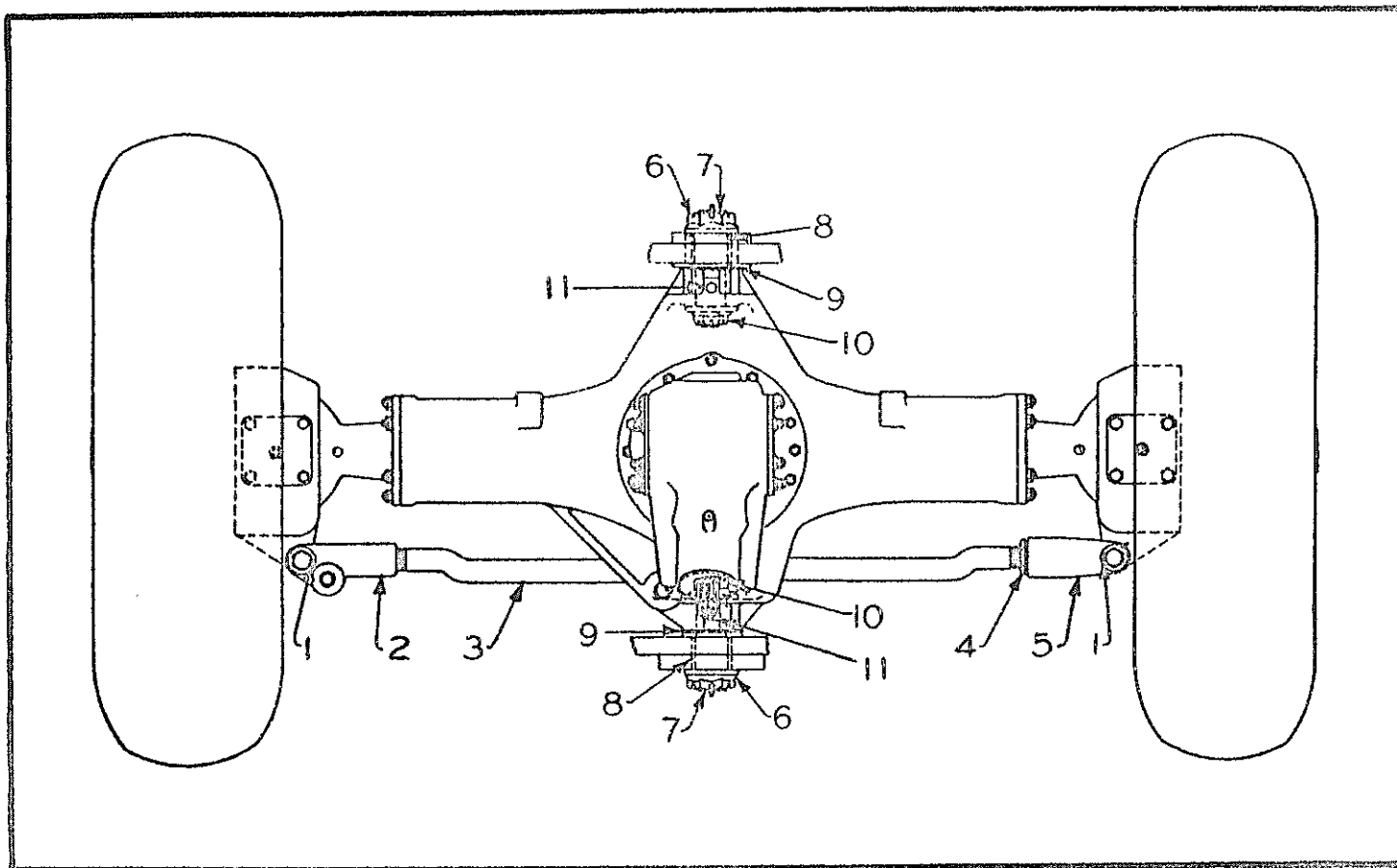
FRONT AXLE STEERING KNUCKLE, WHEEL AND TIRE
(ON PACER 400)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1		1	TIRE (tubeless type), 14.00 x 24 - 12 ply
1A		1	TIRE (tubeless type), 16.00 x 24 - 12 ply
2	PGF-16797	1	"O" RING (for tubeless type tires)
3	PGF-16693	1	RING, locking
4	PGF-16694	1	RING, side
5	PGF-16695	1	WHEEL WITH RIM (less rings)
6	PGF-16541	10	STUD, wheel
6A	PGF-9591	10	STUD, wheel (Pacer 400 Senior)
7	PGF-7357	10	NUT, wheel stud
8	PG-2398	1	HUB, wheel
8A	PG-2515	1	HUB, wheel (Pacer 400 Senior)
9	PGF-16791	1	VALVE STEM ASSEMBLY (for tubeless type tires)
10	312814	1	CONE AND ROLLERS, bearing
11	313366	1	CUP, bearing
12	312888	1	CONE AND ROLLERS, bearing
13	313407	1	CUP, bearing
14	PGF-8757	1	BOLT, fork
15	PGF-8753	1	BUSHING, knuckle flange
16	737010	1	NUT, slotted



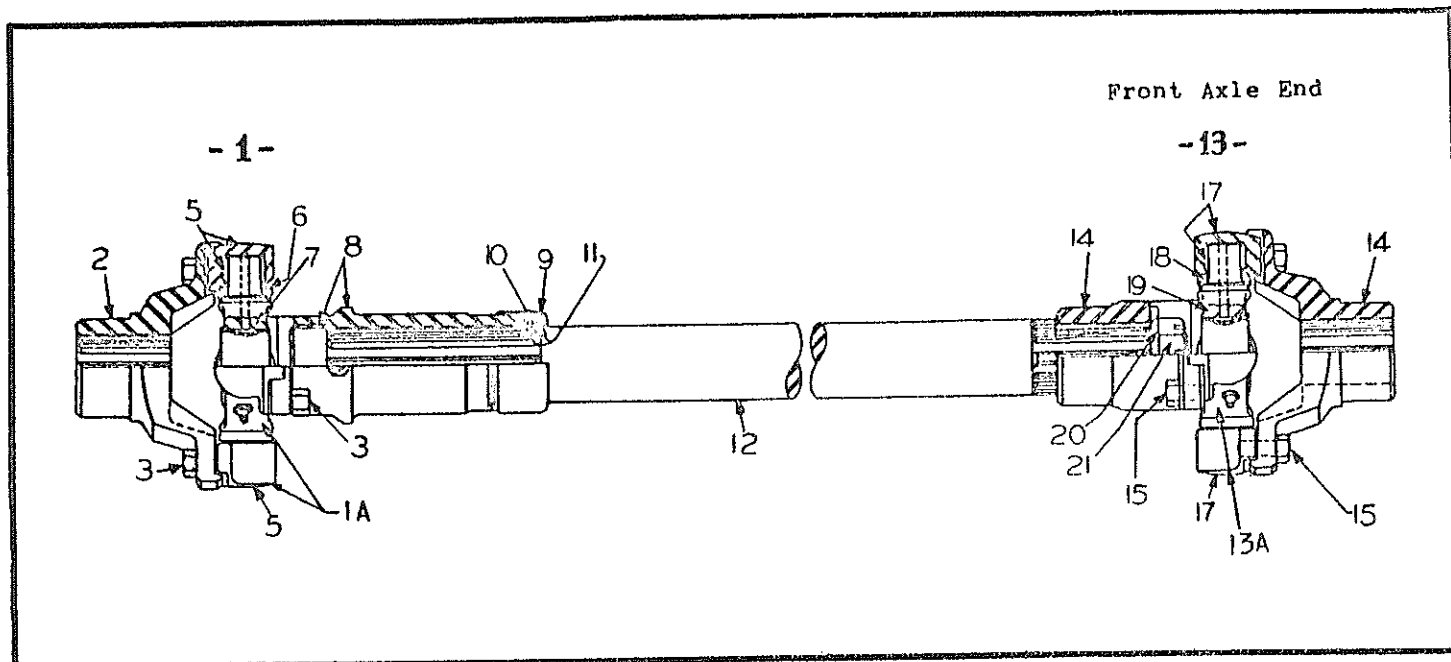
FRONT AXLE STEERING KNUCKLE, WHEEL AND TIRE
(ON SUPER 400 AND SUPER 500)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1		1	TIRE (tubeless type), 13.00 x 24 - 12 ply
1A		1	TIRE (tubeless type), 14.00 x 24 - 10 ply
1B		1	TIRE (tubeless type), 14.00 x 24 - 12 ply
1C		1	TIRE (tubeless type), 16.00 x 24 - 12 ply
2	PGF-16797	1	O-RING (for tubeless type tires)
3	PGF-16693	1	RING, locking
4	PGF-16694	1	RING, side
5	PGF-16793	1	WHEEL WITH RIM (less rings) (13.00 tire)
5A	PGF-16695	1	WHEEL WITH RIM (less rings) (14.00 and 16.00 tires)
6	PGF-16541	10	STUD, wheel
7	PGF-7357	10	NUT, wheel stud
8	PG-2397	1	HUB, wheel
9	PGF-16791	1	VALVE STEM ASSEMBLY (for tubeless type tires)
10	312814	1	CONE AND ROLLERS, bearing
11	313366	1	CUP, bearing
12	312888	1	CONE AND ROLLERS, bearing
13	313407	1	CUP, bearing
14	PGF-8757	1	BOLT, fork
15	PGF-8753	1	BUSHING, knuckle flange
16	737010	1	NUT, slotted



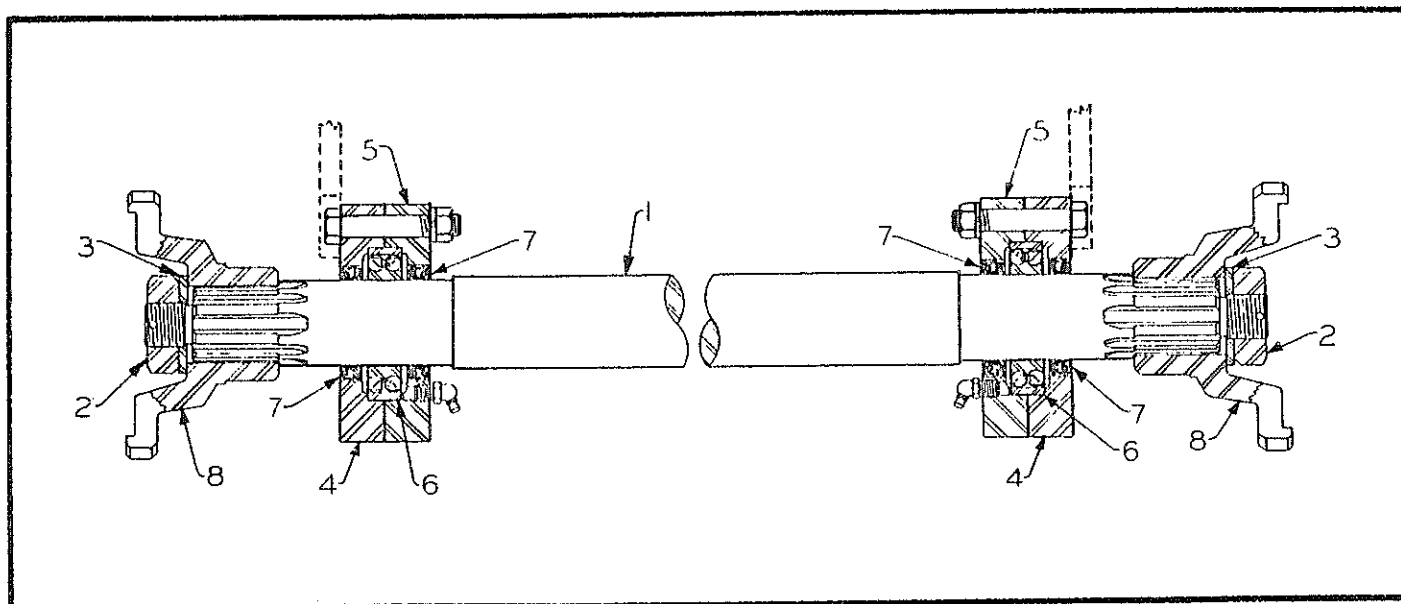
FRONT AXLE TIE ROD AND AXLE SUPPORT
(ON PACER 400 - SUPER 400 - SUPER 500)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-13270	2	PIN, locking (for fork bolt)
2	PG-2210	1	FORK (also order PGF-13270 pin)
3	PGF-17018	1	ROD, tie
4	PGF-3955	1	NUT, adjusting
5	PG-2211	1	FORK (also order PGF-13270 pin)
6	PG-A-1771	2	NUT, large
7	PGF-9087	2	PIN, pivot
8	PGF-8738	2	BUSHING, frame
9	PGF-9263	2	WASHER
10	PG-2478	2	NUT, small
11	755135	2	SET SCREW, cup point



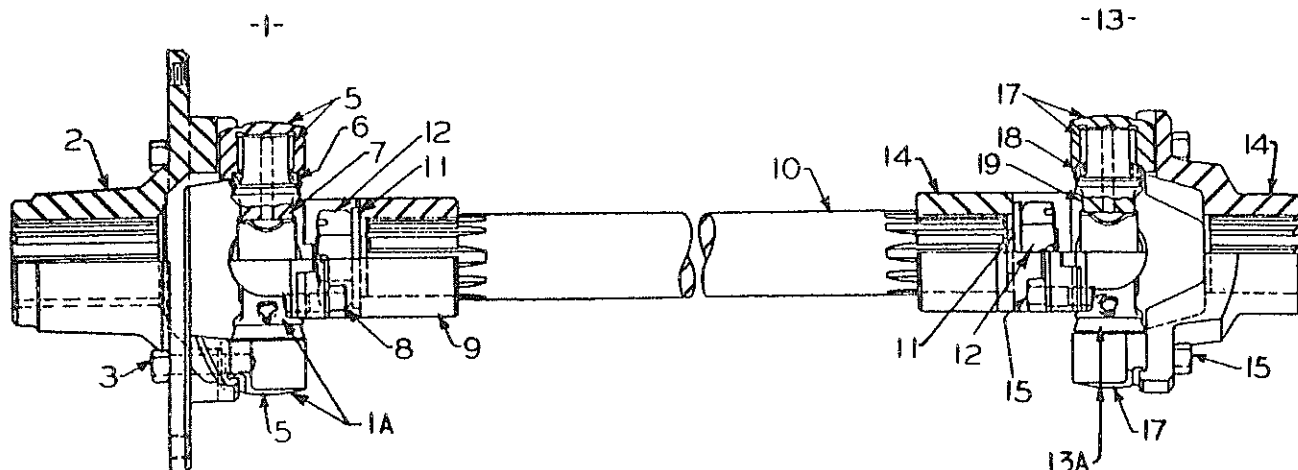
FRONT SECTION OF FRONT PROPELLER SHAFT
(ON PACER 400 - SUPER 400 - SUPER 500)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-17172	1	KNUCKLE GROUP (includes Ref. Nos. 2 to 11 inclusive)
1A	PGF-8807-57	1	SPIDER AND BEARING GROUP (includes Ref. Nos. 5, 6 and 7 assembled)
2	PGF-8537-58	1	YOKE, fitting
3	PGF-9717-55	8	CAPSCREW
5		4	BEARING GROUP (not sold separately. Order Ref. No. 1A)
6	465149	4	WASHER, cork
7		1	SPIDER GROUP (not sold separately. Order Ref. No. 1A)
8	465295	1	SLIP YOKE, with dust cup
9	465008	1	RETAINER, felt
10	465016	1	FELT
11	465015	2	WASHER, felt retainer
12	PGF-17171	1	SHAFT
13	PGF-8588	1	KNUCKLE GROUP (includes Ref. Nos. 14 to 19 inclusive)
13A	PGF-8807-57	1	SPIDER AND BEARING GROUP (includes Ref. Nos. 17, 18 and 19 assembled)
14	PGF-8537-58	2	YOKE, fitting
15	PGF-9717-55	8	CAPSCREW
17		4	BEARING GROUP (not sold separately. Order Ref. No. 13A)
18	465149	4	WASHER, cork
19		1	SPIDER GROUP (not sold separately. Order Ref. No. 13A)
20	PGF-4864	1	WASHER
21	PGF-15388	1	NUT, slotted



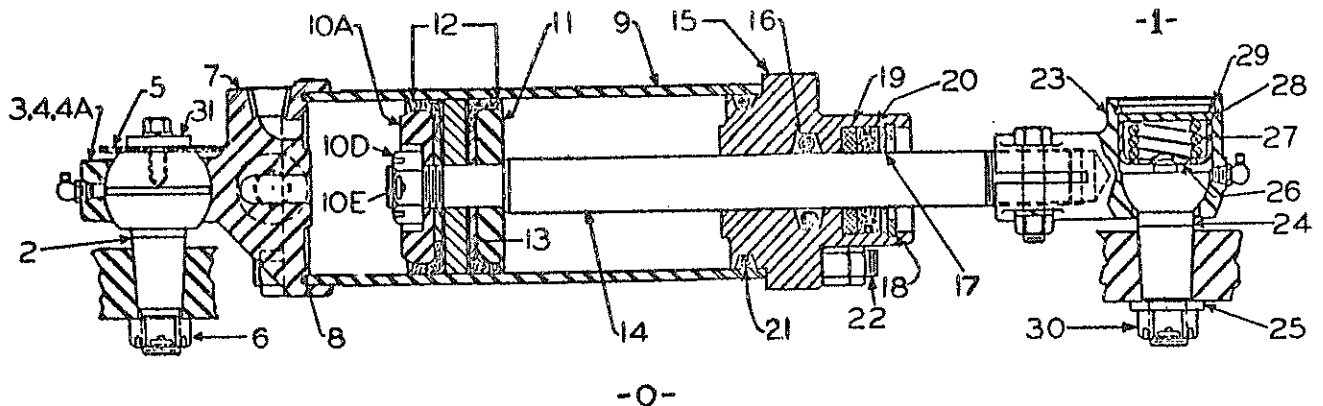
CENTER SECTION OF FRONT PROPELLER SHAFT
(ON PACER 400 - SUPER 400 - SUPER 500)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-17079	1	SHAFT
2	PGF-15388	2	NUT, slotted
3	PGF-4864	2	WASHER
4	PGF-10140	2	HOUSING, bearing - outer
5	PGF-10141	2	HOUSING, bearing - inner
6	314060	2	BEARING, ball
7	PGF-8861	4	SEAL, oil
8	PGF-8537-58	2	YOKE, fitting



REAR SECTION OF FRONT PROPELLER SHAFT
(ON PACER 400 - SUPER 400 - SUPER 500)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-8807	1	KNUCKLE AND BRAKE FLANGE GROUP (includes Ref. Nos. 2 to 9 inclusive)
1A	PGF-8807-57	1	SPIDER AND BEARING GROUP (includes Ref. Nos. 5,6 and 7 assembled)
2	PGF-8807-55	1	FLANGE, brake
3	PGF-8807-58	4	CAPSCREW, brake flange
5		4	BEARING GROUP (not sold separately. Order Ref. No. 1A)
6	465149	4	WASHER, cork
7		1	SPIDER GROUP (not sold separately. Order Ref. No. 1A)
8	PGF-9717-55	4	CAPSCREW
9	PGF-8537-58	1	YOKE, fitting
10	PGF-17080	1	SHAFT
11	PGF-4864	2	WASHER
12	PGF-15388	2	NUT, slotted
13	PGF-8588	1	KNUCKLE GROUP (includes Ref. Nos. 14 to 19 inclusive)
13A	PGF-8807-57	1	SPIDER AND BEARING GROUP (includes Ref. Nos. 17,18 and 19 assembled)
14	PGF-8537-58	2	YOKE, fitting
15	PGF-9717-55	8	CAPSCREW
17		4	BEARING GROUP (not sold separately. Order Ref. No. 13A)
18	465149	4	WASHER, cork
19		1	SPIDER GROUP (not sold separately. Order Ref. No. 13A)



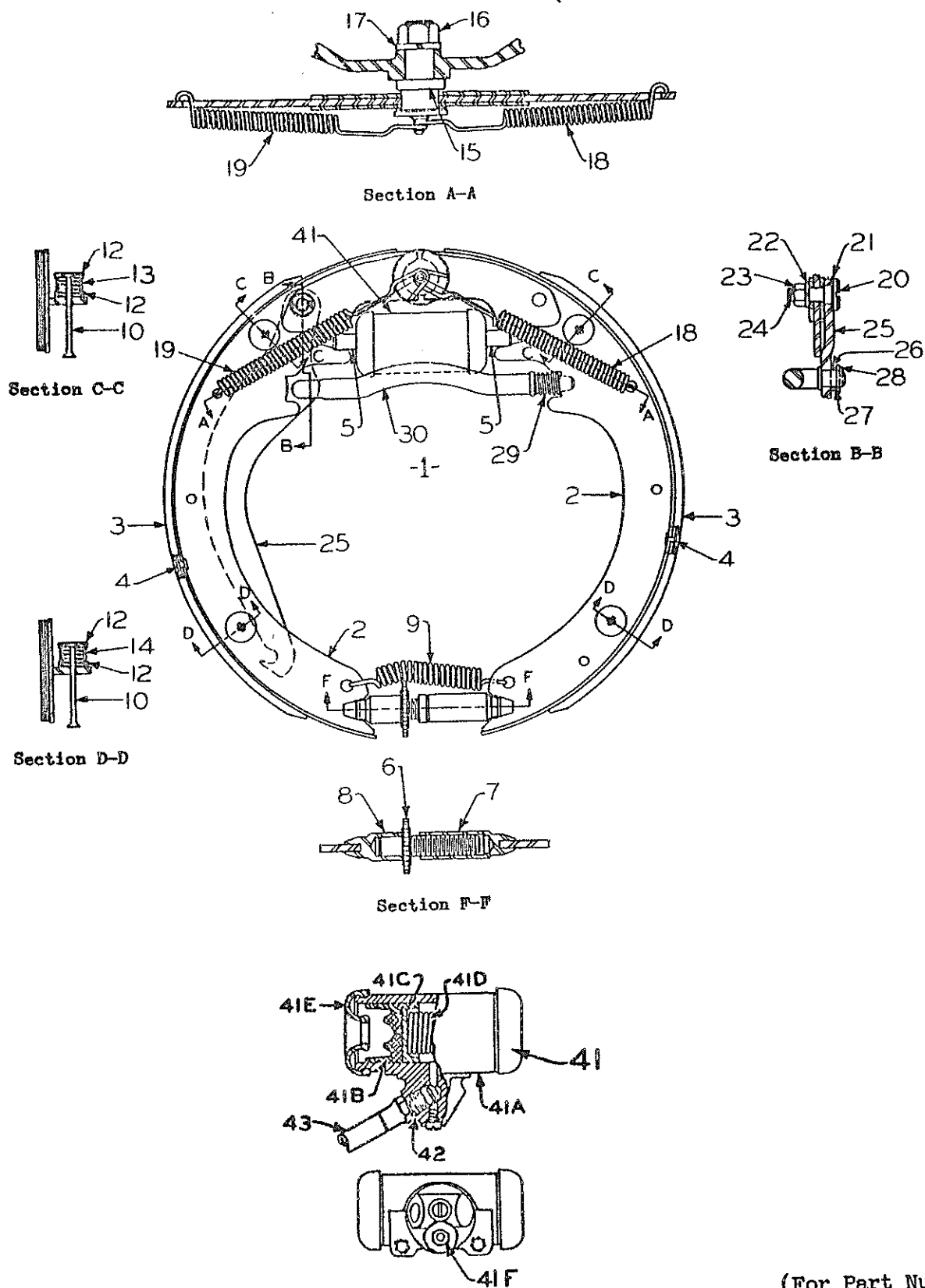
RAM FOR FRONT AXLE STEERING
(Non-Booster Steer)
(On Pacer 400 - Super 400 - Super 500)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2609	1	STEERING RAM GROUP (includes Ref. Nos. 2 to 31 inclusive)
1	PGUS-9206	1	SOCKET GROUP (includes Ref. Nos. 23 to 30 inclusive)
2	PGF-8823	1	STUD, ball
3	PGF-9487	1	CAP, ball
4	MGF-1992	4	SHIM, ball cap - .024" thick
4A	PGF-11856	4	SHIM, ball cap - .010" thick
5	PGF-3318	1	WASHER
6	734010	1	NUT, slotted
7	PG-2456	1	BASE
8	PGF-9648-69	1	"O" RING
9	PGF-16372	1	CYLINDER
10A	PGF-10805	1	SPREADER, outer
10D	PGF-11547	1	NUT, slotted
10E	166037	1	PIN, cotter
11	PGF-8227	1	SPREADER, inner

(continued)

(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
12	PGF-17086	2	CUP
13	PG-A-694	1	PISTON
14	PGF-8982	1	ROD, piston
15	PG-A-2000	1	HEAD
16	PGF-9648-27	1	"O" RING
17	PGF-13171	1	WASHER
18	PGF-4515	1	RING, snap
19	PGF-7022	1	FELT
20	PGF-7026	1	WIPER
21	PGF-9648-1	1	"O" RING
22	PGF-16374	4	ROD, tie
23	PGF-4256	1	SOCKET
24	PGF-9939	1	STUD, ball
25	PGF-9944	1	WASHER, ball stud
26	PGF-4258	1	SEAT, spring
27	PGF-4259	1	SPRING
28	PGF-4261	1	PLUG
29	PGF-4260	1	WIRE, lock
30	737009	1	NUT, slotted
31	PGF-10314	1	PLATE, washer



(For Part Numbers,
see next page)

PROPELLER SHAFT BRAKE
(On Pacer 400 - Super 400 - Super 500)

PROPELLER SHAFT BRAKE
(On Pacer 400 - Super 400 - Super 500)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-17364	1	BRAKE GROUP (includes Ref. Nos. 2 and 5 to 29 inclusive)
2	PGF-17364-55	1	SHOE AND LINING SET (2 shoes lined. Includes Ref. No. 3)
3	PGF-17364-56	1	LINING SET (2 linings with rivets. Includes Ref. No. 4)
4		50	RIVET, tubular
5	331070	2	LINK, connecting
6	331040	1	SCREW, adjusting
7	331072	1	NUT, adjusting screw pivot
8	331073	1	SOCKET, adjusting screw
9	331030	1	SPRING, adjusting screw
10	331029	4	PIN, spring
12	331021	8	CUP, spring
13	331031	2	SPRING, shoe hold down
14	331026	2	SPRING, shoe hold down
15	331071	1	GUIDE, anchor pin and shoe
16	331069	1	NUT, anchor pin
17	331028	1	LOCK WASHER, anchor pin
18	331037	1	SPRING, anchor to shoe
19	331042	1	SPRING, anchor to shoe
20	PGF-10904	1	PIN, shoe and lever
21	PGF-10905	1	WASHER, lever pin
22	331096	1	LOCK WASHER, lever pin
23	331103	1	NUT, lever pin
24	331108	1	PIN, cotter
25	331067	1	LEVER
26	PGF-10903	1	SPRING, strut to lever
27	PGF-10901	1	WASHER
28	331099	1	PIN, cotter
29	PGF-10902	1	SPRING, strut
30	ASF-5057	1	STRUT

PROPELLER SHAFT BRAKE CYLINDER

41	PGF-11504	1	DRUM CYLINDER GROUP (includes Ref. Nos. 41A to 41F inclusive)
41A	333133	1	CASTING
41B	333014	2	PISTON
41C	333015	2	CUP
41D	333016	1	SPRING, return
41E	333117	2	BOOT
41F	333146	1	SCREW, cylinder bleeder
42	ASF-5451	1	WASHER
43			HOSE (see Foot Brake Mechanism page)

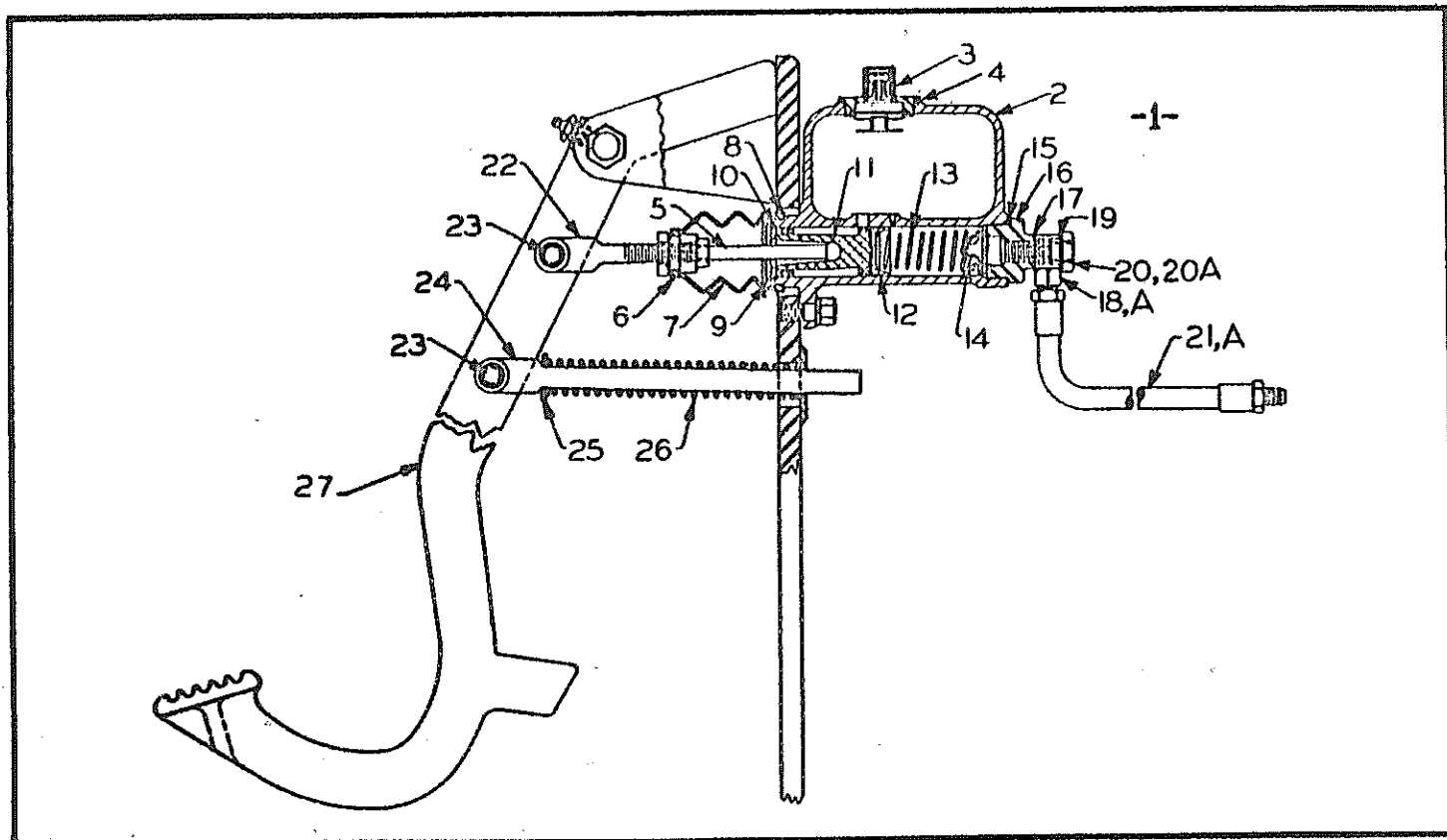
PROPELLER SHAFT BRAKE
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-17925	1	BRAKE ASSEMBLY (includes Ref. No. 1 to 37 inclusive)
1	PGF-17925-1	1	BACKING PLATE ASSEMBLY
2	PGF-17925-55	1	SHOE AND LINING ASSEMBLY - L.H.
3	PGF-17925-56	1	SHOE AND LINING ASSEMBLY - R.H.
4	PGF-17925-19	1	SCREW, adjusting, R.H.
5	PGF-17925-22	1	NUT, pivot, R.H.
6	PGF-17925-2	2	PIN, anchor
7	PGF-17925-20	2	NUT, anchor pin
8	PGF-17925-10	2	LOCKWASHER, anchor pin
9	PGF-17925-23	1	PLATE, reinforcement - anchor pin
10	PGF-17925-14	1	GUIDE, cable - automatic adjustment
11	PGF-17925-3	1	SPRING, adjust screw (30# blue)
12	PGF-17925-16	1	SOCKET, adjust screw
13	PGF-17925-8	1	PIN, brake shoe pivot - auto adj.
14	PGF-17925-24	1	PIN, brake shoe pivot - auto adj.
15	331301	2	COTTER PIN, pivot pin (5/32" x 1 1/8")
16	PGF-17925-11	1	SPRING, shoe to shoe (50# black)
17	PGF-17925-21	4	PIN, shoe hold down
18	PGF-17925-17	8	CUP, shoe hold down
19	PGF-17925-12	4	SPRING, shoe hold down (45# black)
20	331304	4	COTTER PIN, shoe hold down (5/32" x 3/4")
21	PGF-17925-15	2	SPRING, anchor to shoe (80# red)
22	331305	1	* WASHER, anchor pin (plain 7/16" dia.)
23	PGF-17925-7	1	* WASHER, anchor pin (special)
24	PGF-18705	2	CONNECTING LINK, wheel cylinder
25	331223	2	LOCKWASHER, wheel cylinder (5/16")
26	PGF-17925-6	1	* LEVER, parking brake - R.H.
27	PGF-17925-5	1	* STRUT, parking brake lever - R.H.
28	PGF-17925-18	1	CABLE ASSEMBLY, automatic adjust.
29	PGF-17925-13	1	LEVER, automatic adjust.
30	331312	2	SCREW, wheel cylinder
31	331313	1	* SPRING, strut to lever (8# black)
32	PGF-17925-4	1	* PIN, strut to lever
33	PGF-17925-9	2	* PIN, lever to shoe and strut to shoe
34	331316	1	* CABLE RAMP
35	331317	1	* CAP, conduit bracket - backing plate
36	331318	1	* FELT SEAL, conduit bracket - backing plate
37	331319	2	* BRACKET, conduit support - frame end

PROPELLER SHAFT BRAKE CYLINDER

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
38	PGF-17922	1	WHEEL CYLINDER (includes A to L inclusive)
38A	333129	2	BOOT
38B	333130	2	STRAP
38C	333041	2	PISTON
38D	333038	2	CUP
38E	333037	1	SPRING, return
38F	333097	1	CASTING, cylinder
38G	333051	1	GASKET
38H	333283	1	FITTING
38J	333009	1	GASKET
38K	333284	1	BOLT
38L	333146	1	SCREW, bleeder

NOTE: * Parts not illustrated.



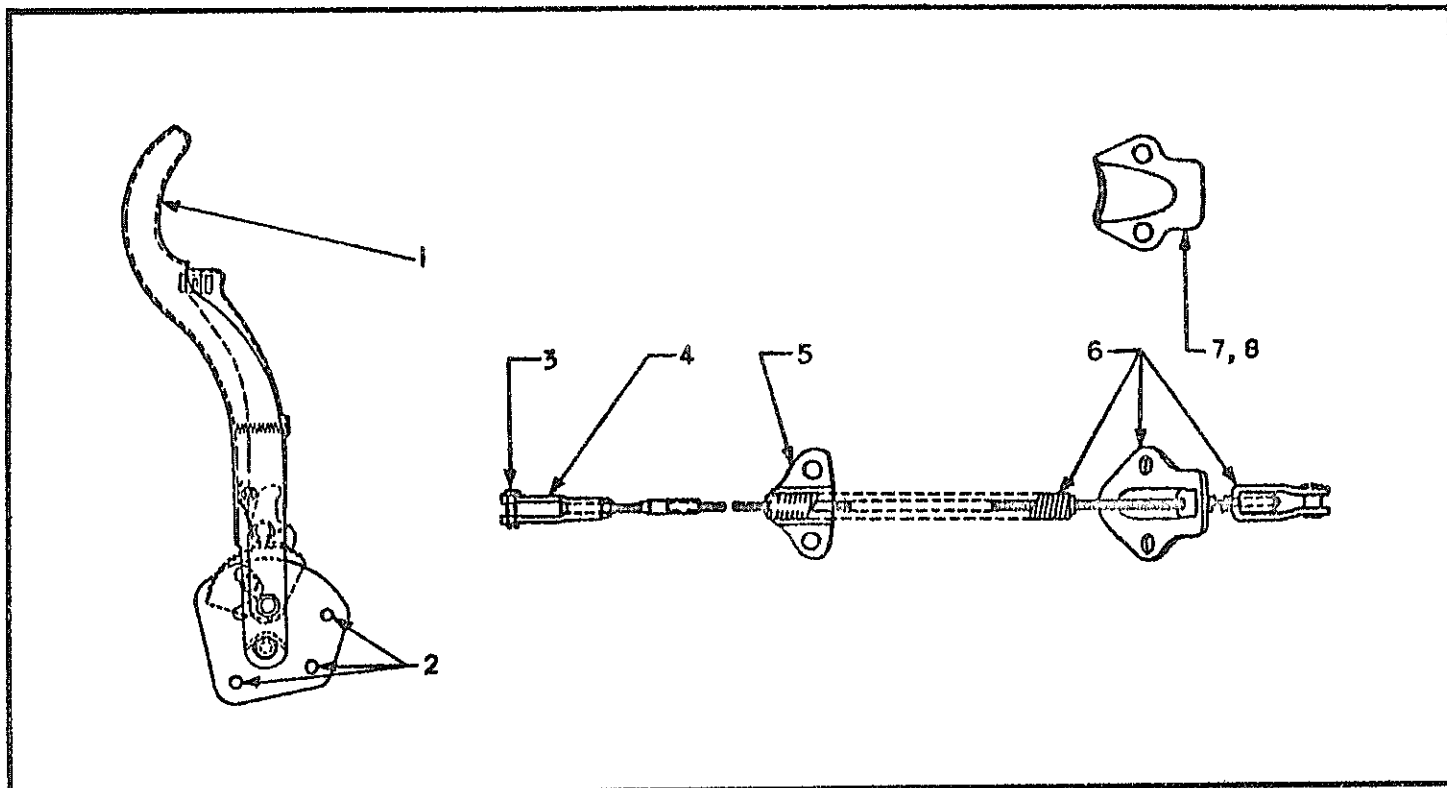
FOOT BRAKE MECHANISM
(PROPELLER SHAFT BRAKE)
(On Pacer 400 - Super 400 - Super 500)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-9485	1	MASTER CYLINDER GROUP (includes Ref. Nos. 2 to 16 inclusive)
2	333131	1	TANK, supply
3	333151	1	PLUG, filler
4	333141	1	GASKET, filler plug
5	333082	1	LINK, piston
6	333032	1	STRAP, boot - small
7	333084	1	BOOT
8	333085	1	STRAP, boot - large
9	333107	1	WIRE, piston stop
10	333108	1	WASHER, piston stop
11	333106	1	PISTON GROUP
12	333072	1	CUP
13	333099	1	SPRING, return

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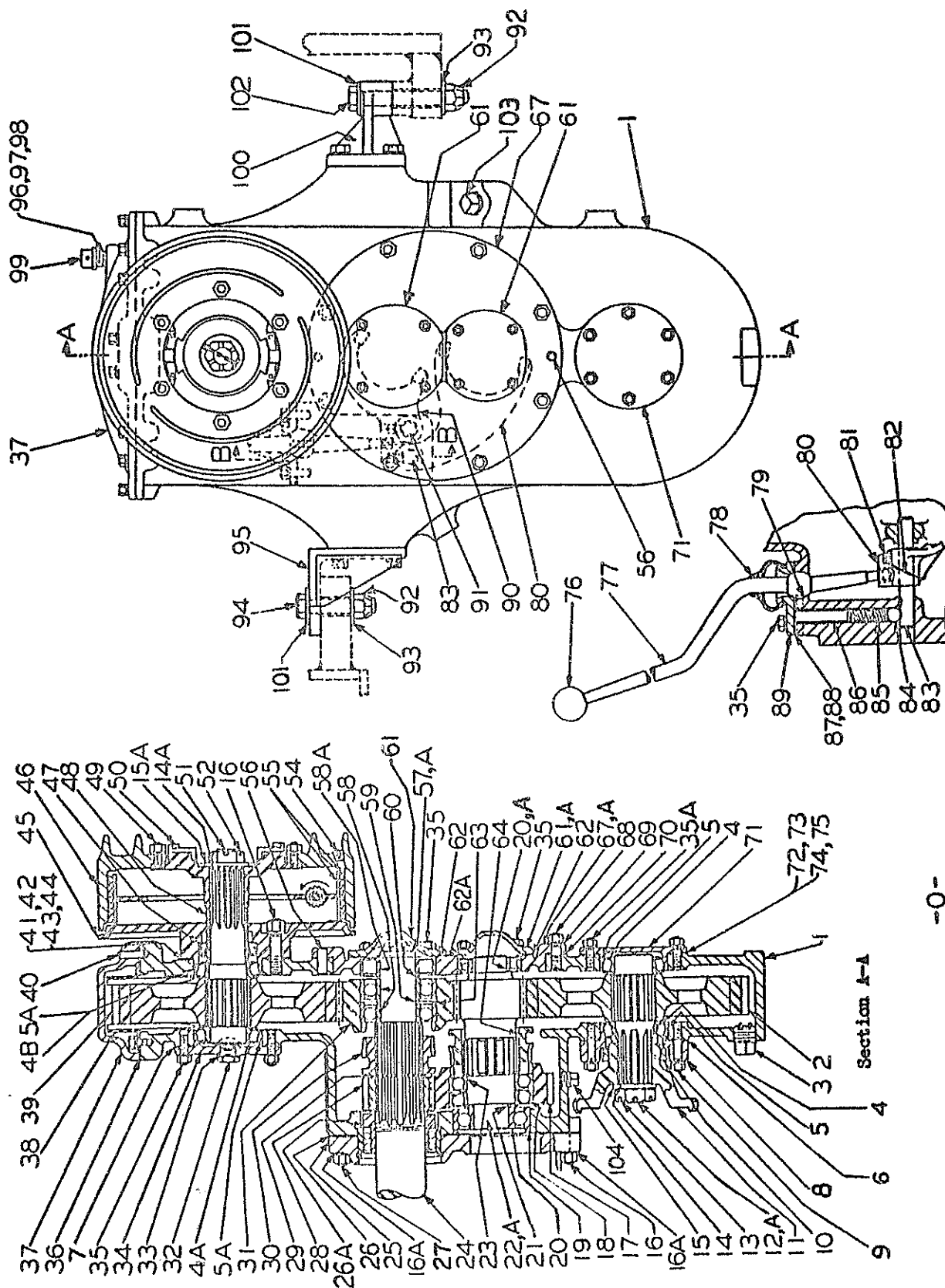
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
14	333152	1	CHECK VALVE GROUP, dome type
15	333107	1	GASKET, head
16	333111	1	HEAD
17	PGF-10896	1	GASKET
18	PGF-14185	1	CONNECTION, outlet (not used on Model 448 and 468 graders)
18A	PGF-12234	1	CONNECTION, outlet (used on Model 448 and 468 graders)
19	PGF-12248	1	GASKET
20	PGF-14186	1	BOLT, fitting
20A	PGF-12249	1	BOLT, fitting - (has 1/8" NPT) (special order for machines with stop and tail lights)
21	PGF-17560	1	HOSE (not used on Model 448 and 468 graders)
21A	PGF-17581	1	HOSE (used on Model 448 and 468 graders)
22	PGF-9766	1	YOKE
23	783005	2	PIN
24	PGF-9767	1	ROD
25	765006	1	WASHER
26	MSF-853	1	SPRING
27	PG-1828	1	PEDAL



HAND BRAKE MECHANISM
(PROPELLER SHAFT BRAKE)
(On Pacer 400 - Super 400 - Super 500)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-14797	1	HAND BRAKE, complete
2	PGF-5982	3	SPACER
3	HCF-9673	1	PIN, yoke
4	PGF-6791	1	YOKE
5	PGF-8979	1	BRACKET, conduit
6	PGF-8971	1	CABLE AND CONDUIT GROUP
7	ASF-6009	1	CAP, bracket
8	ASF-6008	1	SEAL, bracket cap





(For Part Numbers,
see next page)

Section B-B

TWO SPEED TRANSFER CASE
(ON PACER 400 - SUPER 400 - SUPER 500)

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Section A-A

TWO SPEED TRANSFER CASE
(ON PACER 400 - SUPER 400 - SUPER 500)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0		1	TRANSFER CASE GROUP
1	PGF-2319	1	GEAR HOUSING WITH BEARING SUPPORT AND STUDS (includes Ref. Nos. 56, 67 and 68)
2	PGF-14773	1	GEAR - 64 teeth
3	PGF-9014	1	PLUG, drain
4	319002	2	CONE AND ROLLERS, bearing
4A	312514	1	CONE AND ROLLERS, bearing
4B	312505	1	CONE AND ROLLERS, bearing
5	313459	2	CUP, bearing
5A	313190	2	CUP, bearing
6	PGF-14457	1	GASKET
7	PGF-13326	1	GASKET
8	PG-2318	1	CAP, bearing
9	HCF-1339	6	STUD
10	ASF-5727	1	SEAL, oil
11			YOKE, fitting (see separate page)
12	PGF-14458	1	SHAFT, driven - lower
12A	PGF-18136	1	SHAFT, driven - lower
13	PGF-15388	1	NUT, slotted
14	PGF-4865	2	GASKET
14A	PGF-8521	2	GASKET
15	PGF-4864	1	WASHER
15A	PGF-8706	1	WASHER
16	PGF-16310	13	STUD
16A	766013	8	WASHER, lock, external teeth
17	PGF-17042	1	GEAR, idler - 28 teeth
18	PGF-14709	1	RING, snap
19	PGF-14459	1	SPACER
20	311367	2	BEARING, ball
20A	311623	1	BEARING, ball (replaces 1 Ref. No. 20)
21	PGF-17039	1	SPACER, bearing
22	PGF-14714	1	COUNTERSHAFT IDLER GEAR - 19 teeth
22A	PGF-18252	1	COUNTERSHAFT IDLER GEAR - 19 teeth
23	311429	1	BEARING, ball
24			MAIN SHAFT, transmission
25			CASE, transmission
26			GASKET, transmission case
26A			NUT, bearing retainer
27	PGF-11645	2	STUD

(see
3-speed
transmission
page)

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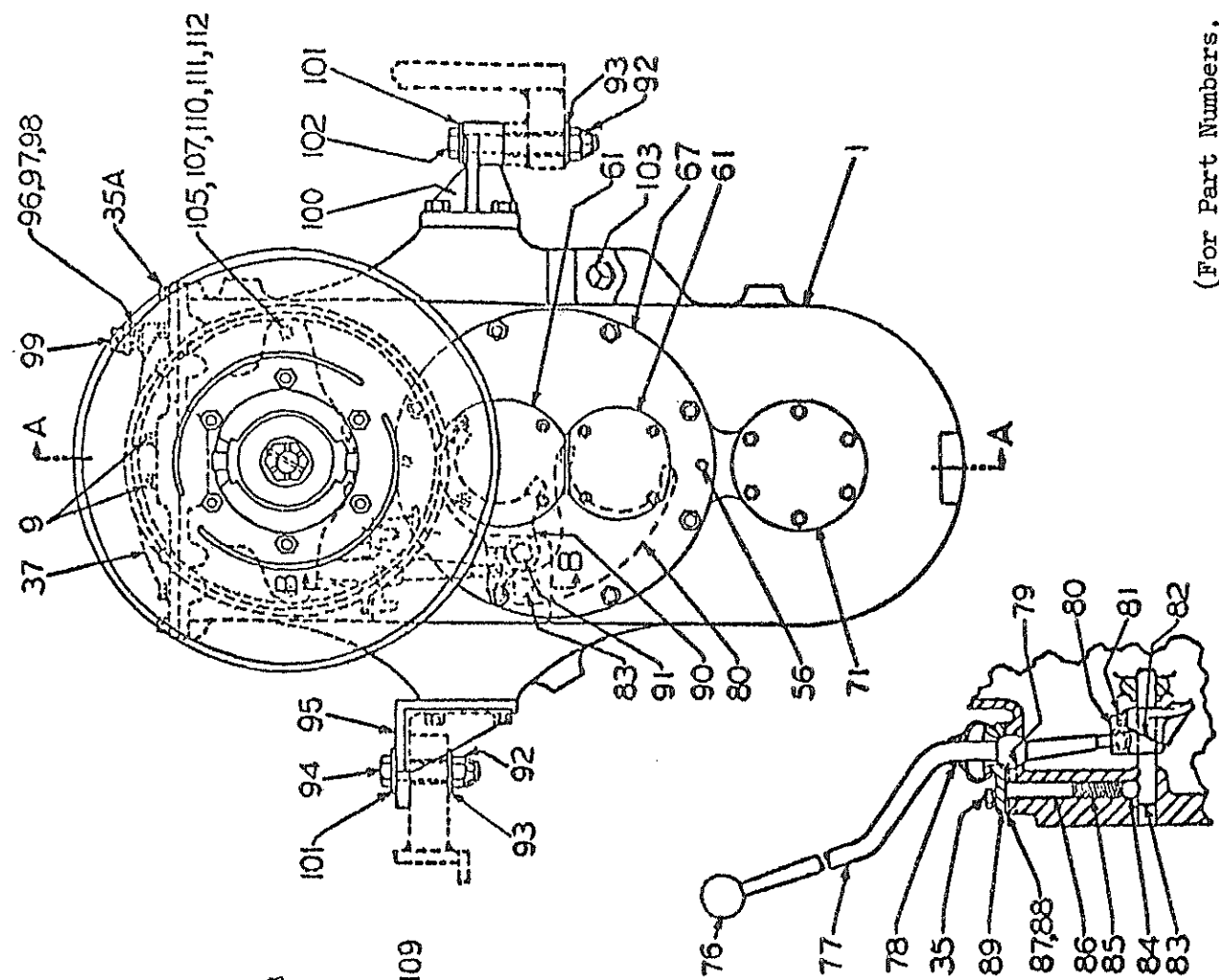
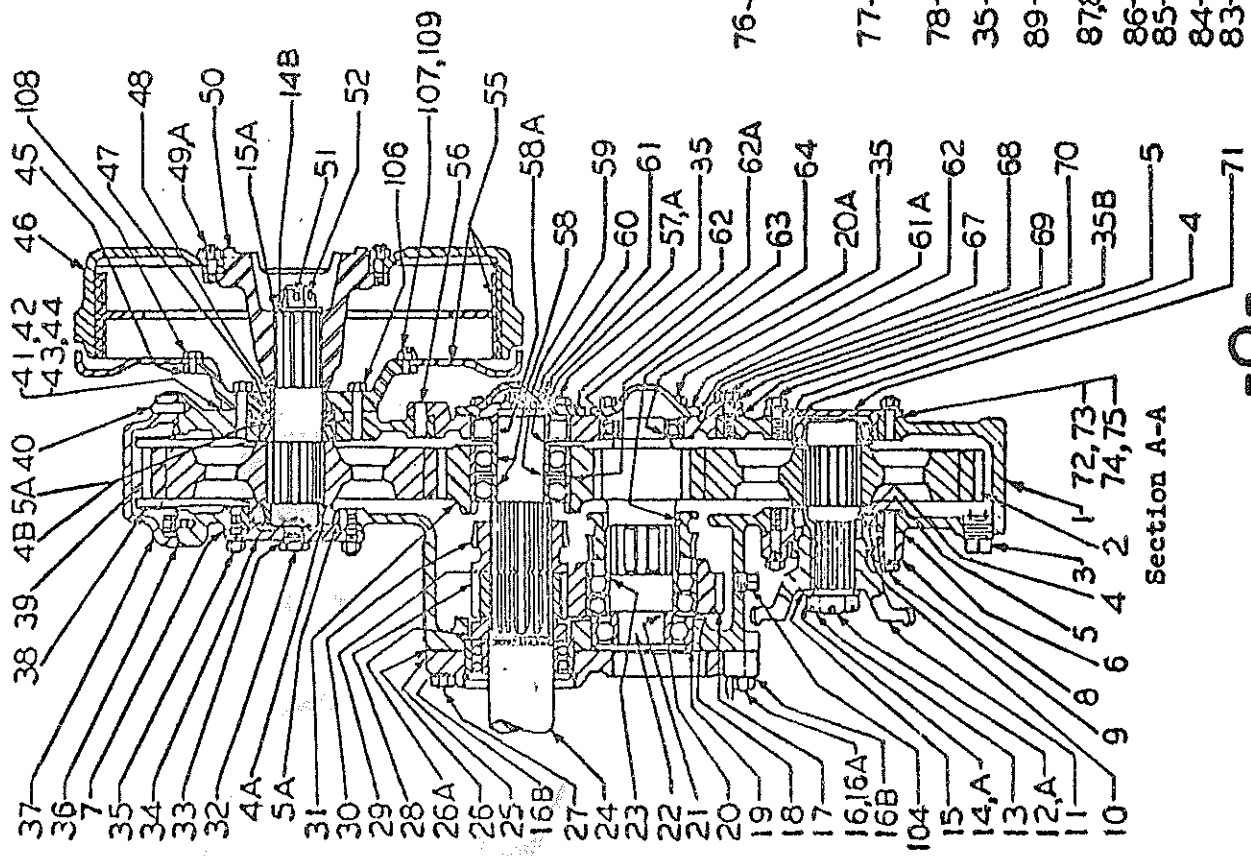
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REF. NO.	PART NO.	QUANTITY	DESCRIPTION
28	PGF-11339	1	PINION, drive - 15 teeth
29	PGF-13557	1	RING, snap
30	PGF-8426	1	GEAR, shifter clutch - 21 teeth
31	PGF-15870	1	GEAR, drive - 35 teeth
32	PGF-3849	1	PLUG (not required when odometer is used)
33	PGF-4217	1	GASKET, plug
34	PG-2292	1	CAP, bearing
35	PGF-8433	16	STUD
35A	HCF-1341	6	STUD
36	PGF-10376	1	GASKET, cover
37	PG-1859	1	COVER, gear housing
38	PGF-10425	2	COLLECTOR, oil
39	PGF-14771	1	GEAR - 64 teeth
40	PGF-8815	2	PIN, dowel
41	PGF-13533	As req'd	SHIM (.005)
42	PGF-13532	As req'd	SHIM (.007)
43	PGF-13531	As req'd	SHIM (.020)
44	PGF-13534	2	GASKET
45	PG-1682	1	PLATE, backing
46	PG-2141	1	DRUM, brake
47	PGF-8809	1	SEAL, oil
48	PGF-12593	1	SPACER
49	PGF-8855	6	STUD
50			FLANGE, brake (see separate page)
51	PGF-13149	1	SHAFT, driven - upper
52	PGF-8708	1	NUT, slotted
54	812002	4	PLUG, pipe
55			PROPELLER SHAFT BRAKE GROUP (see separate page)
56	PGF-10589	2	PIN, dowel
57	PGF-16117	1	WASHER, main shaft bearing
57A	911008	1	NUT, huglock (for main shaft)
58	311392	2	BEARING, ball
58A	318546	1	BEARING, roller
59	PGF-14705	1	SPACER, bearing
60	PGF-17170	1	SPACER
61	PG-2454	2	CAP, bearing
61A	PG-2542	1	CAP, bearing (replaces 1 of Ref. No. 61)
62	PGF-14704	2	GASKET
62A	PGF-17041	3	SHIM (.010)
63	PGF-14708	1	RING, snap

(continued)

(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
64	PGF-17043	1	GEAR, shifter clutch - 24 teeth
67	PG-2320	1	SUPPORT, bearing
67A	PG-2588	1	SUPPORT, bearing
68	PGF-16347	8	STUD
69	766011	8	WASHER, lock, external teeth
70	PGF-10375	1	GASKET
71	PG-2294	1	CAP, bearing
72	PGF-14715	As req'd	SHIM (.005)
73	PGF-14716	As req'd	SHIM (.007)
74	PGF-14717	As req'd	SHIM (.020)
75	PGF-14718	2	GASKET
76	PGF-7721	1	BALL, shift lever
77	PGF-18326	1	LEVER, shift
78	PGF-9157	1	COVER, dust
79	PGF-18308	1	PIN, lock, shift lever
80	PG-1922	1	FORK, shift - low range
81	PGF-11675	2	SCREW, lock
82	PGF-11756	2	WIRE, locking
83	PGF-15874	1	ROD, shift - low range
84	PGF-8638	2	BALL
85	PGF-16128	2	SPRING
86	PGF-16126	2	SPACER, spring
87	PGF-10843	6	SHIM (.005)
88	PGF-10871	2	GASKET
89	PG-1949	1	SOCKET, shift lever
90	PG-1923	1	FORK, shift - high range
91	PGF-15875	1	ROD, shift - high range
92	914008	2	NUT, huglock
93	PGF-8867	2	WASHER (1/4")
94	742833	1	BOLT, right hand support
95	PGF-14474	1	SUPPORT, right hand
96	PGU-1741-A	1	BREATHING GROUP (includes Ref. Nos. 97, 98 and 99)
97	PGF-9974	1	TUBE WITH PIN
98	PGF-10037	1	ELEMENT
99	PGF-5166	1	CAP
100	PG-2327	1	SUPPORT, left hand
101	762009	2	WASHER, plain (5/32")
102	742841	1	BOLT, left hand support
103	810005	1	PLUG, oil level and filler
104	810001	1	PLUG, drain



(For Part Numbers,
see next page)

TWO SPEED TRANSFER CASE

V466-2830

TWO SPEED TRANSFER CASE
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0		1	TRANSFER CASE GROUP
1	PGF-2607	1	GEAR HOUSING WITH BEARING SUPPORT AND STUDS (includes Ref. Nos. 56, 67 and 68)-(Machines 2004 and up)
2	PGF-14773	1	GEAR - 64 teeth
3	PGF-9014	1	PLUG, drain
4	319002	2	CONE AND ROLLERS, bearing
4A	312514	1	CONE AND ROLLERS, bearing
4B	312505	1	CONE AND ROLLERS, bearing
5	313459	2	CUP, bearing
5A	313190	2	CUP, bearing
6	PGF-14457	1	GASKET
7	PGF-13326	1	GASKET
8	PG-2318	1	CAP, bearing
9	741323	10	STUD
10	ASF-5727	1	SEAL, oil
11			YOKE, fitting (see separate page)
12	PGF-18136	1	SHAFT, driven - lower
12A	PGF-18799	1	SHAFT, driven - lower (Machines 2004 and up)
13	PGF-15388	1	NUT, slotted
14	PGF-4865	2	GASKET
14A	HCF-11534	1	GASKET (Machine 2004 and up)
14B	PGF-8521	2	GASKET
15	PGF-4864	1	WASHER
15A	PGF-8706	1	WASHER
16	PGF-16310	5	STUD
16A	PGF-18807	1	STUD (Machine 2004 and up)
16B	766013	8	WASHER, lock, external teeth
17	PGF-17042	1	GEAR, idler - 28 teeth
17A	PGF-18803	1	GEAR, idler - 27 teeth (use with Ref. 28A)
18	PGF-14709	1	RING, snap
19	PGF-14459	1	SPACER
20	311367	1	BEARING, ball
20A	311623	1	BEARING, ball
21	PGF-17039	1	SPACER, bearing
22	PGF-18252	1	COUNTERSHAFT IDLER GEAR - 19 teeth
23	311429	1	BEARING, ball
24			MAIN SHAFT, transmission) (see
25			CASE, transmission) 3-speed
26			GASKET, transmission case) transmission
26A			NUT, bearing retainer) page)
27	PGF-11645	2	STUD
28	PGF-11339	1	PINION, drive - 15 teeth
28A	PGF-18800	1	PINION, drive - 16 teeth (use with Ref. 17A)
29	PGF-13557	1	RING, snap
30	PGF-8426	1	GEAR, shifter clutch - 21 teeth
31	PGF-15870	1	GEAR, drive - 35 teeth
32	PGF-3849	1	PLUG (not required when odometer is used)
33	PGF-4217	1	GASKET, plug
34	PG-2292	1	CAP, bearing
35	PGF-8433	12	STUD
35A	741319	14	BOLT
35B	HCF-1341	6	STUD (Machine 2004 and up)
36	PGF-10376	1	GASKET, cover
37	PG-1859	1	COVER, gear housing
38	PGF-10425	2	COLLECTOR, oil
39	PGF-14771	1	GEAR - 64 teeth
40	PGF-8815	2	PIN, dowel
41	PGF-13533	As req'd	SHIM (.005)
42	PGF-13532	As req'd	SHIM (.007)
43	PGF-13531	As req'd	SHIM (.020)
44	PGF-13534	2	GASKET
45	PG-2606	1	HUB, backing plate
46	PG-2616	1	DRUM, brake
47	194417	1	SEAL, oil

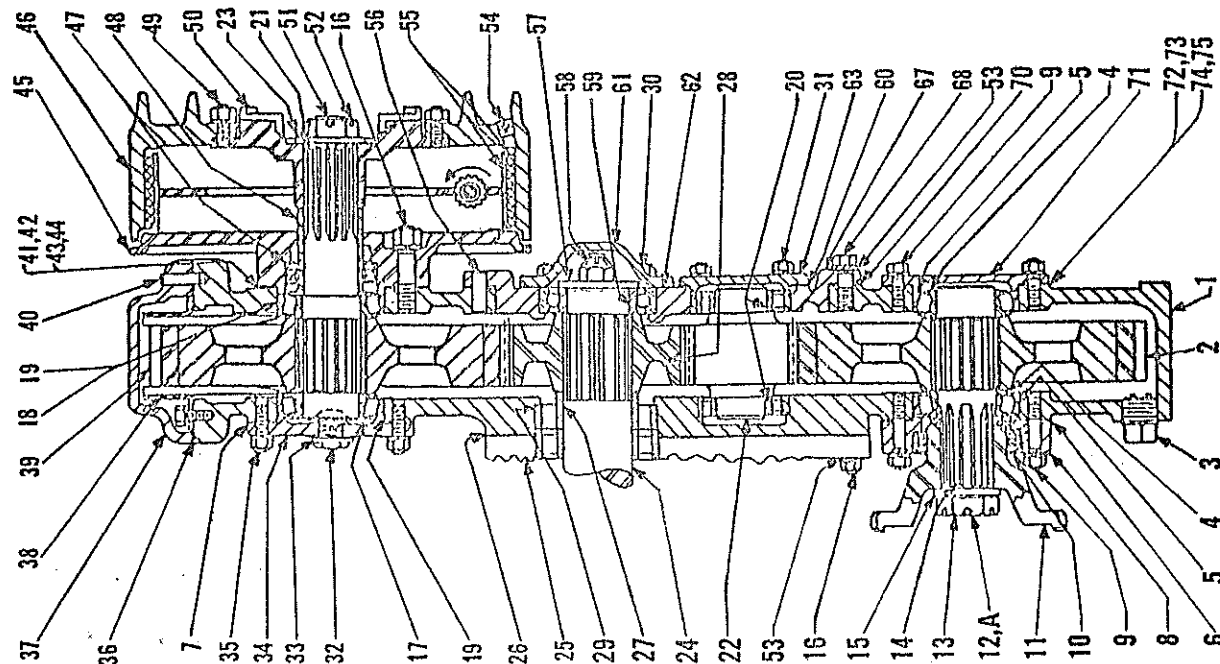
Note: 17" brake parts effective on Machine 2004 and up.

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(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
48	PGF-18890	1	SPACER
49	PGF-17928	8	STUD
49A	911005	8	NUT
50			FLANGE, brake (see separate page)
51	PGF-13149	1	SHAFT, driven - upper
52	PGF-8708	1	NUT, slotted
55			PROPELLER SHAFT BRAKE GROUP (see separate page)
56	PGF-10589	2	PIN, dowel
57	PGF-16117	1	WASHER, main shaft bearing
57A	911008	1	NUT, huglock (for main shaft)
58	311392	2	BEARING, ball
58A	318546	1	BEARING, roller
59	PGF-14705	1	SPACER, bearing
60	PGF-17170	1	SPACER
61	PG-2454	1	CAP, bearing
61A	PG-2542	1	CAP, bearing
62	PGF-14704	2	GASKET
62A	PGF-17041	3	SHIM (.010)
63	PGF-14708	1	RING, snap
64	PGF-17043	1	GEAR, shifter clutch - 24 teeth
67	PG-2588	1	SUPPORT, bearing
68	PGF-16347	8	STUD
69	766011	8	WASHER, lock, external teeth
70	PGF-10375	1	GASKET
71	PG-2294	1	CAP, bearing
72	PGF-14715	As req'd	SHIM (.005)
73	PGF-14716	As req'd	SHIM (.007)
74	PGF-14717	As req'd	SHIM (.020)
75	PGF-14718	2	GASKET
76	PGF-7721	1	BALL, shift lever
77	PGF-18326	1	LEVER, shift
78	PGF-9157	1	COVER, dust
79	PGF-18308	1	PIN, lock, shift lever
80	PG-1922	1	FORK, shift - low range
81	PGF-11675	2	SCREW, lock
82	PGF-11756	2	WIRE, locking
83	PGF-15874	1	ROD, shift - low range
84	PGF-8638	2	BALL
85	PGF-16128	2	SPRING
86	PGF-16126	2	SPACER, spring
87	PGF-10843	6	SHIM (.005)
88	PGF-10871	2	GASKET
89	PG-1949	1	SOCKET, shift lever
90	PG-1923	1	FORK, shift - high range
91	PGF-15875	1	ROD, shift - high range
92	914008	2	NUT, huglock
93	PGF-8867	2	WASHER (1/4")
94	742833	1	BOLT, right hand support
95	PGF-14474	1	SUPPORT, right hand
96	PGU-1741-A	1	BREATHER GROUP (includes Ref. Nos. 97, 98 and 99)
97	PGF-9974	1	TUBE WITH PIN
98	PGF-10037	1	ELEMENT
99	PGF-5166	1	CAP
100	PGF-18746	1	SUPPORT, left hand
101	762009	2	WASHER, plain (5/32")
102	742837	1	BOLT, left hand support
103	810005	1	PLUG, oil level and filler
104	810001	1	PLUG, drain
105	PGF-18255	2	STUD
106	978312	7	PLACE BOLT
107	911004	6	NUT
108	978156	4	PLACE BOLT
109	PGF-18038	4	STUD
110	HCF-18903-1	3	SHIM (.005)
111	HCF-18903-2	3	SHIM (.007)
112	HCF-18903-3	1	SHIM (.020)

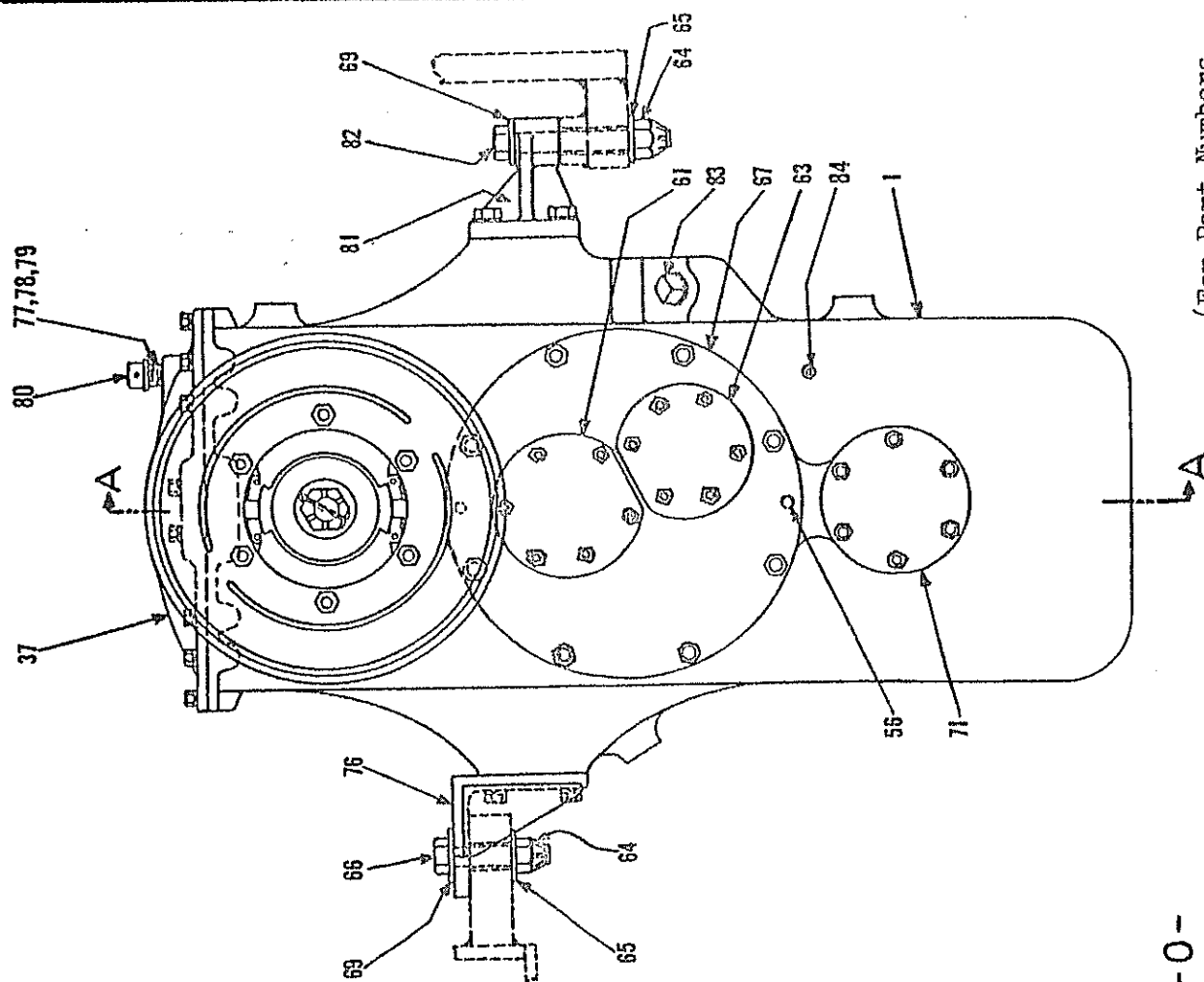
Note: 17" brake parts effective on Machines 2004 and up.



Section A-A

SINGLE SPEED TRANSFER CASE
(Used with 4-Speed Manual Shift Transmission
and Separate Power Reverse)
(On Pacer 400 and Super 400)

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(For Part Numbers,
see next page)

SINGLE SPEED TRANSFER CASE
(Used With 4-Speed Manual Shift Transmission and Separate Power Reverse)
(On Pacer 400 and Super 400)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0		1	TRANSFER CASE GROUP
1	PGF-2469	1	GEAR HOUSING WITH BEARING SUPPORT AND STUDS (includes Ref. Nos. 56, 67 and 68)
2	PGF-14773	1	GEAR - 64 teeth
3	PGF-9014	1	PLUG, drain
4	319002	2	CONE AND ROLLERS, bearing
5	313459	2	CUP, bearing
6	PGF-15945	1	GASKET
7	PGF-15949	1	GASKET
8	PG-2426	1	CAP, bearing
9	PGF-15052	12	STUD
10	ASF-5727	1	SEAL, oil
11			YOKE, fitting (see separate page)
12	PGF-14458	1	SHAFT, driven - lower
12A	PGF-18136	1	SHAFT, driven - lower
13	PGF-15388	1	NUT, slotted
14	PGF-4865	2	GASKET
15	PGF-4864	1	WASHER
16	PGF-16310	15	STUD
17	312514	1	CONE AND ROLLERS, bearing
18	312505	1	CONE AND ROLLERS, bearing
19	313190	2	CUP, bearing
20	318524	2	BEARING, roller
21	PGF-8521	2	GASKET
22	PGF-16436	1	COUNTERSHAFT IDLER GEAR - 24 teeth
23	PGF-8706	1	WASHER
24			MAIN SHAFT, transmission
25			CASE, transmission
26			GASKET, transmission case
			(see 4-speed transmission page) (continued)

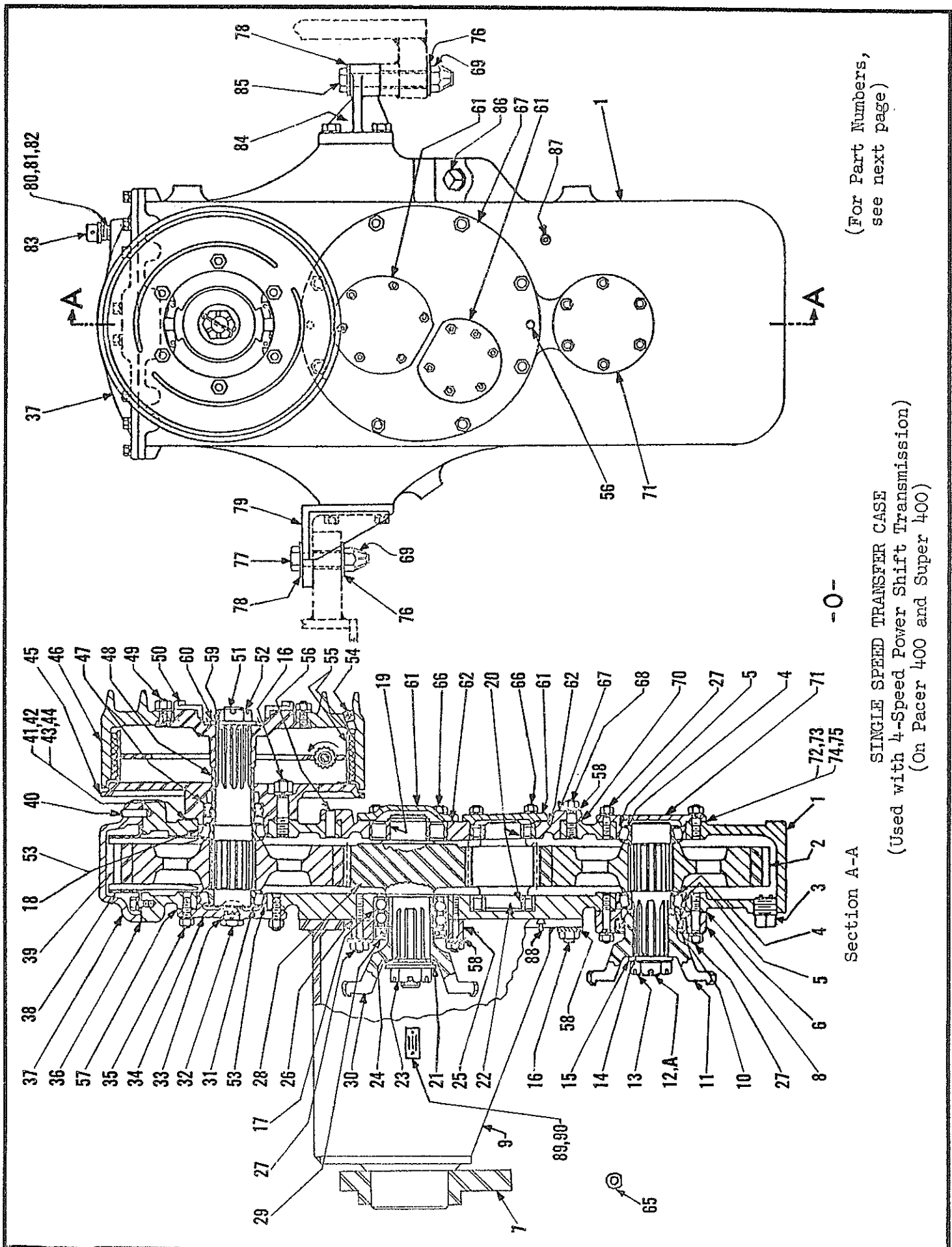
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REF. NO.	PART NO.	QUANTITY	DESCRIPTION
27	PGF-16666	1	SPACER, small
28	PGF-15985	1	PINION, drive - 35 teeth
29	PGF-16075	1	SPACER, large
30	PGF-8433	6	STUD
31	HCF-1341	6	STUD
32	PGF-3849	1	PLUG (not required when odometer is used)
33	PGF-4217	1	GASKET, plug
34	PG-2433	1	CAP, bearing
35	PGF-11326	4	STUD
36	PGF-16046	1	GASKET, cover
37	PG-2443	1	COVER, gear housing
38	PGF-10425	2	COLLECTOR, oil
39	PGF-14771	1	GEAR - 64 teeth
40	PGF-8815	2	PIN, dowel
41	PGF-13533	As req'd	SHIM (.005)
42	PGF-13532	As req'd	SHIM (.007)
43	PGF-13531	As req'd	SHIM (.020)
44	PGF-13534	2	GASKET
45	PG-1682	1	PLATE, backing
46	PG-2141	1	DRUM, brake
47	PGF-8809	1	SEAL, oil
48	PGF-12593	1	SPACER
49	PGF-8855	6	STUD
50			FLANGE, brake (see separate page)
51	PGF-13149	1	SHAFT, driven - upper
52	PGF-8708	1	NUT, slotted
53	766013	16	WASHER, lock, external teeth
54	812002	4	PLUG, pipe
55			PROPELLER SHAFT BRAKE GROUP (see separate page)

(continued)

(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
56	PGF-10589	2	PIN, dowel
57	PGF-16117	1	WASHER, main shaft bearing
58	911008	1	NUT, huglock (for main shaft)
59	311256	1	BEARING, ball
60	PGF-15946	1	GASKET
61	PG-2465	1	CAP, bearing
62	PGF-16109	1	GASKET
63	PG-2467	1	CAP, bearing
64	914008	2	NUT, huglock
65	PGF-8867	2	WASHER (1/4")
66	742833	1	BOLT, right hand support
67	PG-2469	1	SUPPORT, bearing
68	PGF-4383	8	STUD
69	762009	2	WASHER, plain (5/32")
70	PGF-15995	1	GASKET
71	PG-2432	1	CAP, bearing
72	PGF-15941	As req'd	SHIM (.005)
73	PGF-15942	As req'd	SHIM (.007)
74	PGF-15943	As req'd	SHIM (.020)
75	PGF-15944	2	GASKET
76	PGF-14474	1	SUPPORT, right hand
77	PGU-1741-A	1	BREATHER GROUP (includes Ref. Nos. 78,79 and 80)
78	PGF-9974	1	TUBE WITH PIN
79	PGF-10037	1	ELEMENT
80	PGF-5166	1	CAP
81	PG-2327	1	SUPPORT, left hand
82	742841	1	BOLT, left hand support
83	810005	1	PLUG, oil level and filler
84	810003	1	PLUG, pipe



SINGLE SPEED TRANSFER CASE
 (Used with 4-Speed Power Shift Transmission)
 (On Pacer 400 and Super 400)

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SINGLE SPEED TRANSFER CASE
(Used with 4-Speed Power Shift Transmission)
(On Pacer 400 and Super 400)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2747	1	TRANSFER CASE, complete
1	PGP-2468	1	GEAR HOUSING WITH BEARING SUPPORT AND STUDS (includes Ref. Nos. 56,67 and 68)
2	PGF-15910	1	GEAR - 70 teeth
3	PGF-9014	1	PLUG, drain
4	319002	2	CONE AND ROLLERS, bearing
5	313459	2	CUP, bearing
6	PGF-15945	1	GASKET
7	PGF-16039	1	SUPPORT, rear
8	PG-2426	1	CAP, bearing
9	PGF-16040	1	BRACE
10	ASF-5727	1	SEAL, oil
11			YOKE, fitting (see separate page)
12	PGF-14458	1	SHAFT, driven - lower
12A	PGF-18136	1	SHAFT, driven - lower
13	PGF-15388	1	NUT, slotted
14	PGF-4865	2	GASKET
15	PGF-4864	1	WASHER
16	PGF-16310	15	STUD
17	311429	1	BEARING, ball
18	312505	1	CONE AND ROLLERS, bearing
19	318526	1	BEARING, roller
20	318524	2	BEARING, roller
21	PGF-16044	1	WASHER
22	PGF-16436	1	COUNTERSHAFT IDLER GEAR - 24 teeth
23	PGF-15449	1	NUT, slotted
24	PGF-16068	1	GASKET
25	PG-2441	1	CAP, bearing
26	PGF-16019	1	GASKET
27	PGF-15052	18	STUD
28	PGF-16448	1	PINION, drive - 29 teeth

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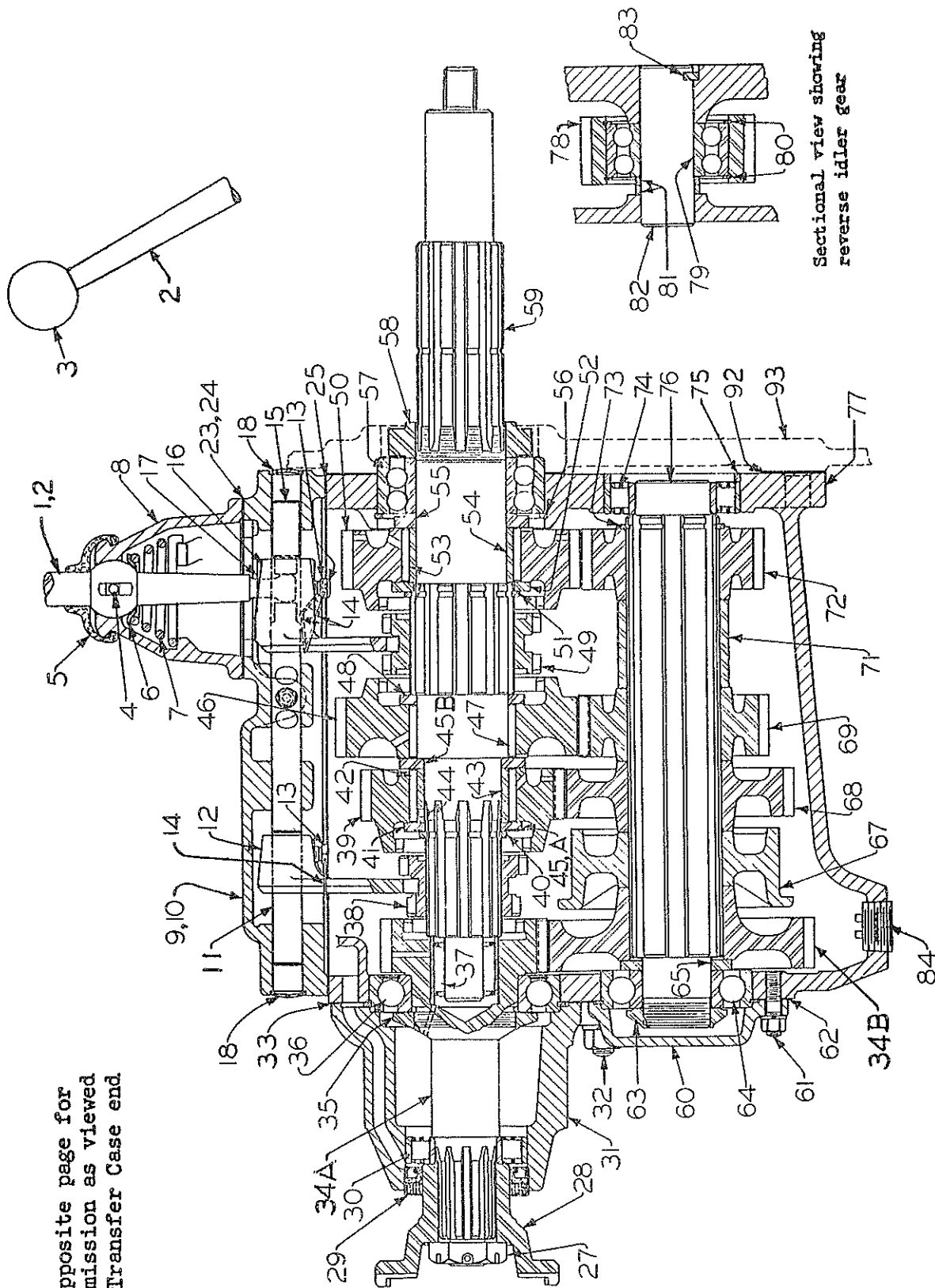
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
29	PGF-16067	1	SEAL, oil
30			YOKE, fitting (see separate page)
31	312514	1	CONE AND ROLLERS, bearing
32	PGF-3849	1	PLUG (not required when odometer is used)
33	PGF-4217	1	GASKET, plug
34	PG-2433	1	CAP, bearing
35	PGF-11326	4	STUD
36	PGF-16046	1	GASKET, cover
37	PG-2443	1	COVER, gear housing
38	PGF-10425	2	COLLECTOR, oil
39	PGF-15911	1	GEAR - 70 teeth
40	PGF-8815	2	PIN, dowel
41	PGF-13533	As req'd	SHIM (.005)
42	PGF-13532	As req'd	SHIM (.007)
43	PGF-13531	As req'd	SHIM (.020)
44	PGF-13534	2	GASKET
45	PG-1682	1	PLATE, backing
46	PG-2141	1	DRUM, brake
47	PGF-8809	1	SEAL, oil
48	PGF-12593	1	SPACER
49	PGF-8855	6	STUD
50			FLANGE, brake (see separate page)
51	PGF-13149	1	SHAFT, driven - upper
52	PGF-8708	1	NUT, slotted
53	313190	2	CUP, bearing
54	812002	4	PLUG, pipe
55			PROPELLER SHAFT BRAKE GROUP (see separate page)
56	PGF-10589	2	PIN, dowel
57	PGF-15949	1	GASKET
58	766013	22	WASHER, lock, external teeth
59	PGF-8521	2	GASKET

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(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
60	PGF-8706	1	WASHER
61	PG-2467	2	CAP, bearing
62	PGF-15946	2	GASKET
63	PGF-16218	1	ANGLE, L.H., transfer case rear support to frame (not shown)
64	PGF-16219	1	ANGLE, R.H., transfer case rear support to frame (not shown)
65	PGF-15665	2	WASHER (for Ref. Nos. 63 and 64)
66	HCF-1341	12	STUD
67	PG-2468	1	SUPPORT, bearing
68	PGF-4383	8	STUD
69	914008	2	NUT, huglock
70	PGF-15995	1	GASKET
71	PG-2432	1	CAP, bearing
72	PGF-15941	As req'd	SHIM (.005)
73	PGF-15942	As req'd	SHIM (.007)
74	PGF-15943	As req'd	SHIM (.020)
75	PGF-15944	2	GASKET
76	PGF-8867	2	WASHER (1/4")
77	742833	1	BOLT, right hand support
78	762009	2	WASHER, plain (5/32")
79	PGF-14474	1	SUPPORT, right hand
80	PGU-1741-A	1	BREATHING GROUP (includes Ref. Nos. 81, 82 and 83)
81	PGF-9974	1	TUBE WITH PIN
82	PGF-10037	1	ELEMENT
83	PGF-5166	1	CAP
84	PG-2327	1	SUPPORT, left hand
85	742841	1	BOLT, left hand support
86	810005	1	PLUG, oil filler
87	810003	1	PLUG, oil level
88	810005	2	PLUG, pipe, square head
89	PGF-15190	1	PLATE, identification
90	751020	2	SCREW, drive (for Ref. 89)

See opposite page for
Transmission as viewed
from Transfer Case end.



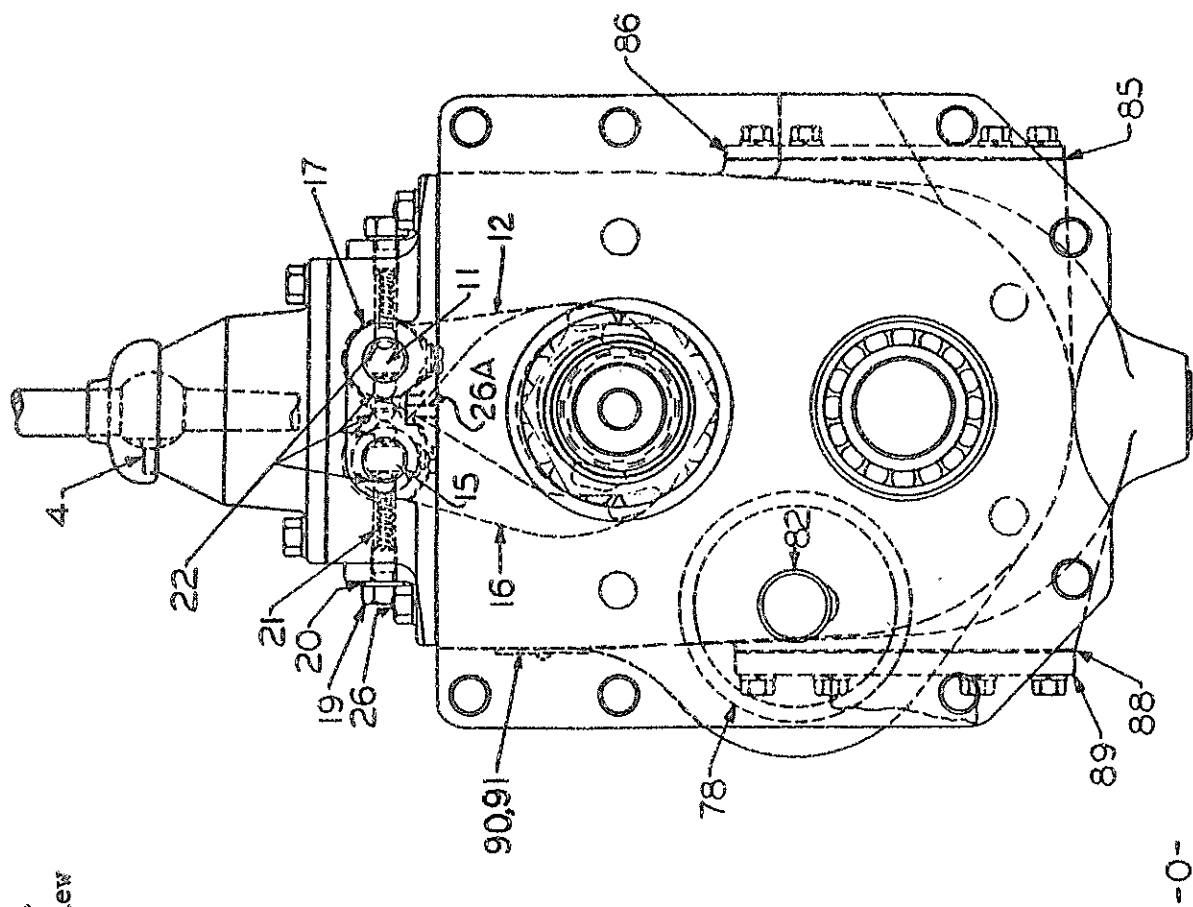
Sectional view showing
reverse idler gear

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(For Part Numbers,
see next page)

THREE SPEED MANUAL SHIFT TRANSMISSION
(On Pacer 400 - Super 400 - Super 500)

See opposite page for
cross section side view
of transmission



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(For Part Numbers,
see next page)

THREE SPEED MANUAL SHIFT TRANSMISSION
(On Pacer 400 - Super 400 - Super 500)

THREE SPEED MANUAL SHIFT TRANSMISSION
(On Pacer 400 - Super 400 - Super 500)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2739	1	TRANSMISSION, COMPLETE (includes Ref. Nos. 9 to 91 inclusive except Ref. No. 23)
1	PGU-2724	1	GEAR SHIFT LEVER GROUP (includes Ref. Nos. 2 to 8 inclusive)
2	PGF-16202	1	LEVER, gear shift
3	PGF-7721	1	BALL, gear shift lever
4	PGF-9130	1	LOCK PIN, shift lever
5	PGF-9157	1	DUST COVER, shift tower
6	PGF-9122	1	SEAT, shift lever spring
7	PGF-9123	1	SPRING, shift lever
8	PG-2487	1	TOWER, shift
9	PGU-2723	1	TRANSMISSION CASE COVER GROUP (includes Ref. Nos. 10 to 22 inclusive except Ref. No. 14)
10	PG-2453	1	COVER
11	PGF-16633	1	SHIFT ROD, 2nd & high
12	PG-2537	1	SHIFT FORK, 2nd & high
13	PGF-11675	3	SCREW, shift fork locking
14	PGF-9738	3	WIRE, shift fork locking screw
15	PGF-16076	1	SHIFT ROD, low and reverse
16	PG-2536	1	SHIFT FORK, low and reverse
17	PGF-9159	1	SHIFT LUG, 2nd & high
18	164032	3	PLUG, expansion
19	PGF-9132	2	CAPSCREW, shift rod lock
20	PGF-5717	2	WASHER, shift rod lock capscREW
21	PGF-9131	2	SPRING, shift rod lock
22	021003	5	BALL, shift rod lock spring
23	PGF-9102	1	GASKET, shift tower
24	PGF-10059	1	GUARD, oil
25	PGF-16120	1	GASKET, transmission cover
26	PGF-8433	9	STUD, transmission cover (1-3/8" long)
26A	PGF-8431	1	STUD, transmission cover (2" long)
27	PGF-9133	1	NUT, slotted
28	PGF-9079-56	1	YOKE, fitting

(continued)

(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
29	PGF-3216	1	SEAL, oil
30	318516	1	BEARING, roller
31	PG-1739	1	HOUSING, bearing support
32	PGF-9091	6	STUD, housing to case
33	PGF-9125	1	GASKET, bearing housing
34A	PGF-15868	1	PINION, drive - 24 teeth
34B	PGF-15867	1	GEAR, CS driven - 42 teeth
35	PGF-9082	1	NUT, drive pinion bearing retainer
36	311596	1	BEARING, drive pinion
37	318520	1	MS BEARING, roller
38	PGF-15863	1	SHIFTER CLUTCH GEAR, MS 2nd and high speed - 14 and 17 teeth
39	PGF-15849	1	MS PINION, 2nd speed - 29 teeth
40	PGF-9120	1	SNAP RING, 2nd speed pinion
41	PGF-15844	1	SPLINED THRUST WASHER, 2nd speed pinion
42	PGF-15843	45	ROLLER, 2nd speed pinion
43	PGF-15847	1	SLEEVE, 2nd speed pinion bearing
44	PGF-9116	1	DOWEL PIN, bearing sleeve
45	PGF-14436	1	SHIM, 2nd speed pinion - .005" thick
45A	PGF-14437	1	SHIM, 2nd speed pinion - .007" thick
45B	PGF-15841	1	THRUST WASHER, 2nd speed pinion
46	PGF-15871	1	MS GEAR, low speed - 38 teeth
47	PGF-15843	42	ROLLER, MS low speed gear
48	PGF-9114	1	THRUST WASHER, low speed gear
49	PGF-9074	1	SHIFTER CLUTCH GEAR, MS low speed and reverse - 20 teeth
50	PGF-15865	1	MS GEAR, reverse - 36 teeth
51	PGF-9119	1	SNAP RING, MS reverse gear
52	PGF-9062	1	SPLINED THRUST WASHER, MS reverse gear
53	PGF-15843	48	ROLLER, MS reverse gear
54	PGF-15846	1	SLEEVE, MS reverse gear bearing
55	PGF-9134	1	THRUST WASHER, MS bearing

MS = Main Shaft
CS = Countershaft

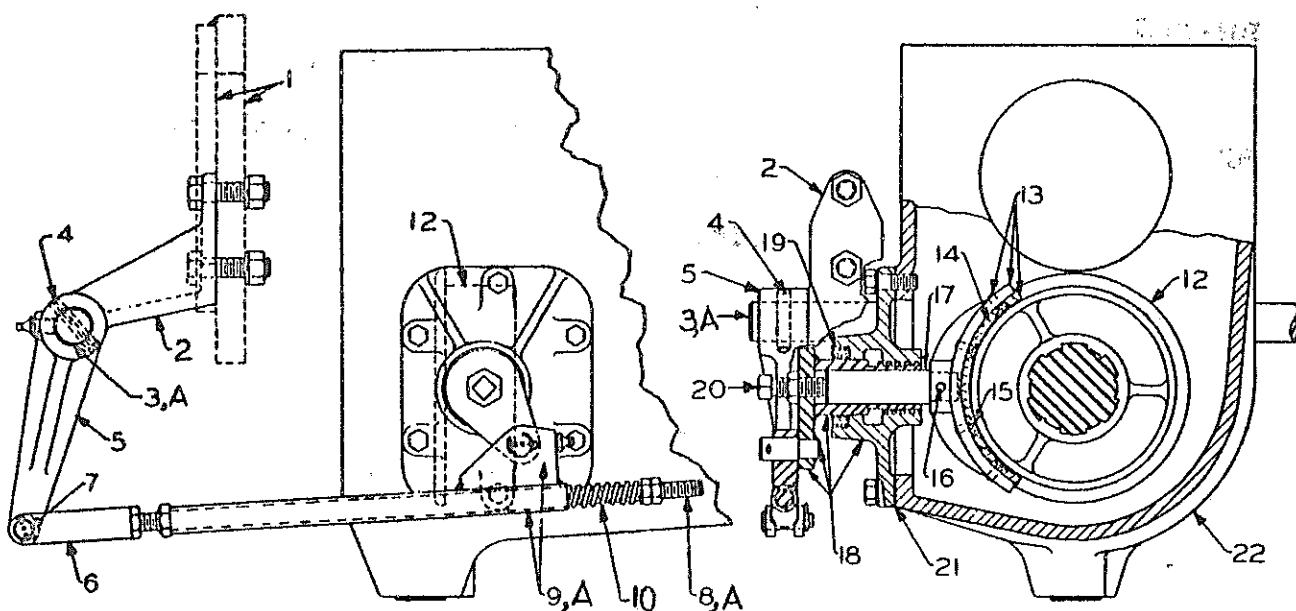
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REF. NO.	PART NO.	QUANTITY	DESCRIPTION
56	PGF-9158	1	SNAP RING, MS bearing
57	311429	1	MS BEARING, ball
58	PGF-11405	1	NUT, MS bearing retainer
59	PGF-16598	1	MAIN SHAFT
60	PG-1736	1	CAP, CS bearing
61	BRF-1894	4	STUD, bearing cap to case
62	PGF-9110	1	GASKET, CS bearing cap
63	PGF-9083	1	NUT, CS bearing adjusting
64	311368	1	CS BALL BEARING WITH SNAP RING
65	PGF-15845	1	THRUST WASHER, CS driven gear
67	PG-2445	1	DRUM, clutch brake
68	PGF-15840	1	CS GEAR, 2nd speed - 35 teeth
69	PGF-15872	1	CS PINION, low speed - 28 teeth
71	PGF-15873	1	SPACER, pinion
72	PGF-15864	1	PINION, CS reverse - 27 teeth
73	PGF-9119	1	SNAP RING, CS reverse pinion
74	318546	1	CS BEARING, roller
75	PGF-14459	1	SPACER, CS bearing
76	PGF-15866	1	COUNTERSHAFT
77	PG-2450	1	CASE, transmission
78	PGF-9077	1	GEAR, reverse idler - 25 teeth
79	311447	1	BEARING, reverse idler gear
80	PGF-9121	2	SNAP RING, reverse idler gear bearing
81	PGF-9107	2	SPACER, reverse idler gear bearing
82	PGF-9109	1	SHAFT, reverse idler
83	111010	1	KEY, reverse idler shaft
84	PGF-10846	1	PLUG, drain
85	PGF-9864	1	GASKET, PTO cover plate
86	PGF-13140	1	PTO COVER PLATE
88	PGF-9864	1	GASKET, clutch brake bracket
89	PGF-8972	1	CLUTCH BRAKE SCREW AND BRACKET
90	PGF-17641	1	PLATE, identification, transmission
91	751020	2	SCREW, drive (for Ref. 90)
92	PGF-8479	1	GASKET, transmission case
93			CASE, transfer (see separate page)

MS = Main Shaft
CS = Countershaft



TRANSMISSION BRAKE FOR 3-SPEED MANUAL SHIFT TRANSMISSION
(On Pacer 445 & 446 - Super 465 & 466 - Super 565 & 566)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1			SUPPORT, transmission (see separate page)
2	PG-1848	1	HANGER, cross rod
3	PGF-10069	1	* ROD, cross
3A	PGF-9260	1	% ROD, cross
4	PGF-9264	1	PIN, cross rod
5	PG-1768	1	LEVER
6	782005	1	YOKE
7	783005	1	PIN, yoke
8	PGF-10070	1	* ROD, pull
8A	PGF-8895	1	% ROD, pull
9	PGF-10071	1	* TUBE
9A	PGF-8970	1	% TUBE

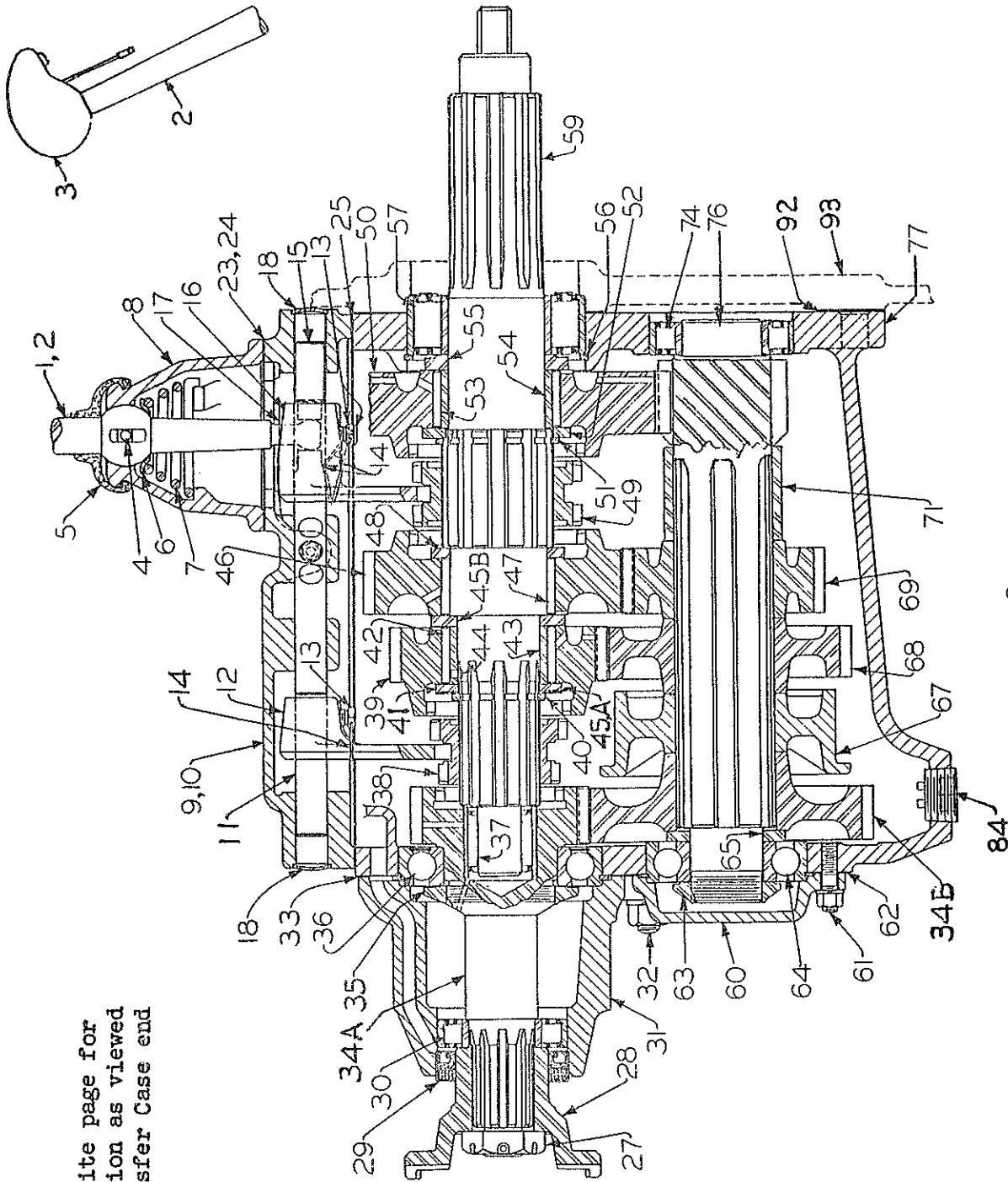
Note: * Graders below 400-110.
% Graders 400-110 and up.

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REF. NO.	PART NO.	QUANTITY	DESCRIPTION
10	PGF-7610	1	SPRING
12			DRUM, brake (see separate page)
13	PGX-1414	1	SHOE WITH LINING AND RIVETS (includes Ref. Nos. 14 and 15)
14	PGF-7590	1	LINING
15	713128	6	RIVET, tubular
16	BDF-345	1	PIN
17	PGF-8828	1	SHAFT
18	PGF-8972	1	SCREW AND BRACKET ASSEMBLY
19	PGF-8857	1	SEAL, oil
20	755095	1	SETSCREW, cup point
21	PGF-9864	1	GASKET
22			TRANSMISSION (see separate page)

See opposite page for
Transmission as viewed
from Transfer Case end

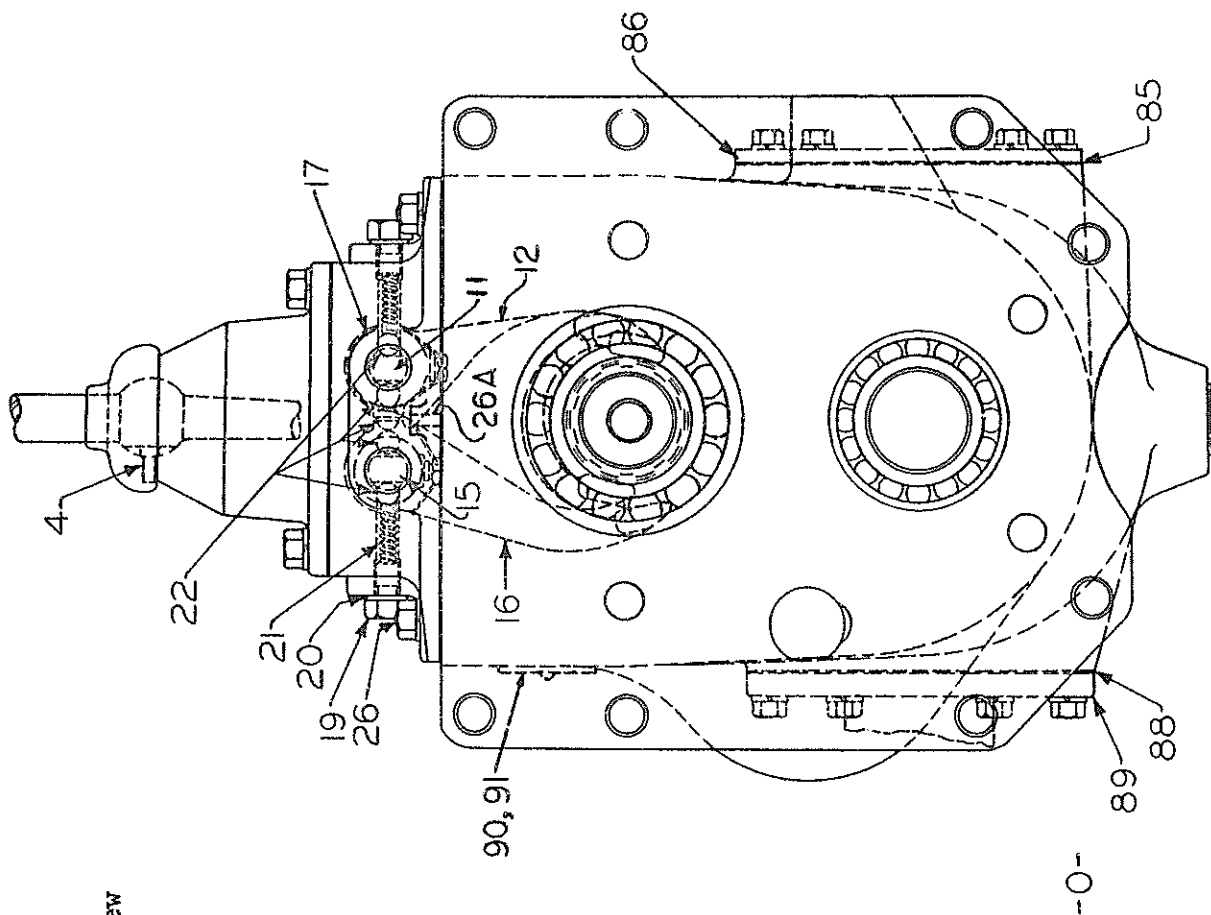


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(For Part Numbers,
see next page)

FOUR SPEED MANUAL SHIFT TRANSMISSION
(Used with Single Speed Transfer Case and Separate Power Reverse)
(On Pacer 400 and Super 400)

See opposite page for
cross section side view
of Transmission



(For Part Numbers,
see next page)

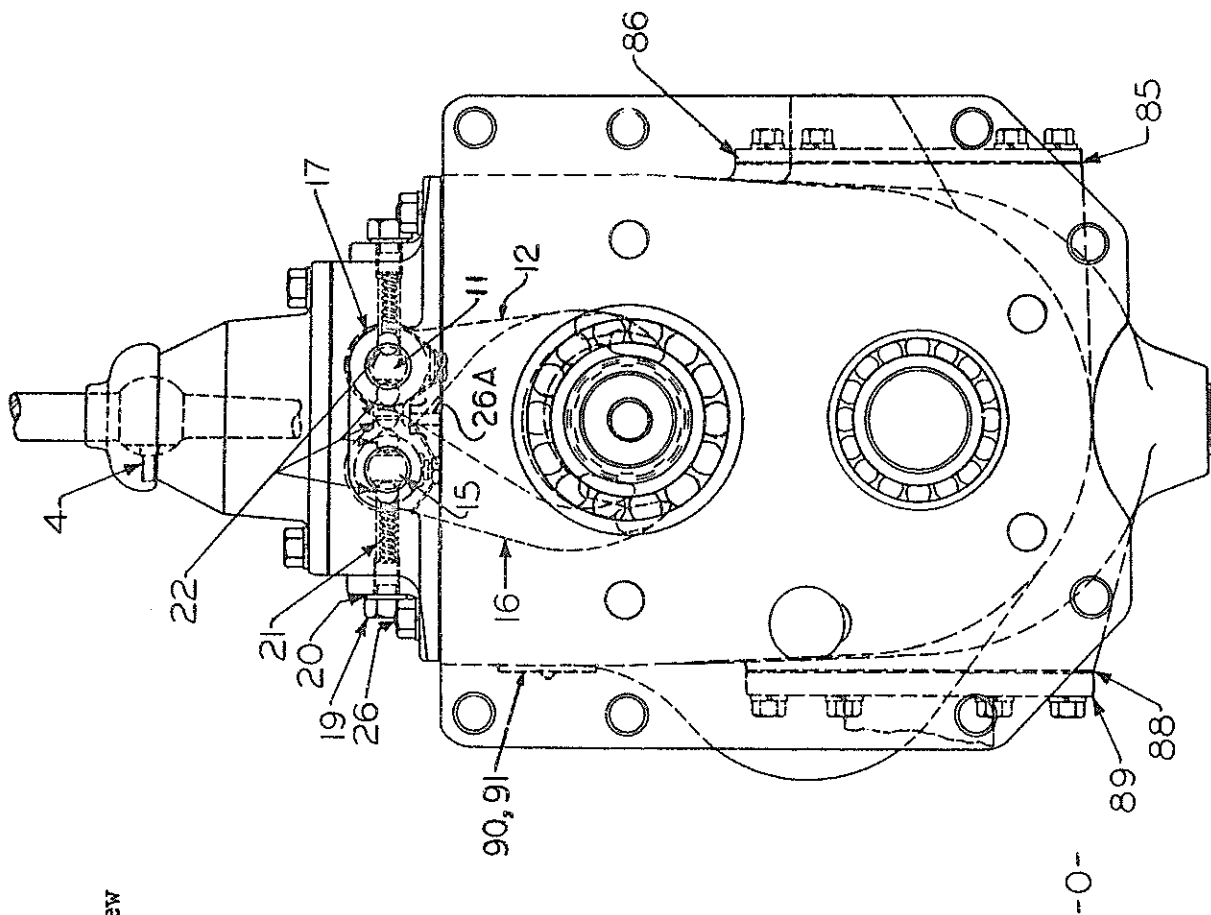
FOUR SPEED MANUAL SHIFT TRANSMISSION
(Used with Single Speed Transfer Case and Separate Power Reverse)
(On Pacer 400 and Super 400)

FOUR SPEED MANUAL SHIFT TRANSMISSION
 (Used with Single Speed Transfer Case and Separate Power Reverse)
 (On Pacer 400 and Super 400)
 (For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2740	1	TRANSMISSION, COMPLETE (includes Ref. Nos. 9 to 91 inclusive except Ref. No. 23)
1	PGU-2725	1	GEAR SHIFT LEVER GROUP (includes Ref. Nos. 2 to 8 inclusive)
2	PGF-16465	1	LEVER, gear shift
3	PGF-16430	1	CONTROL KNOB, gear shift lever
4	PGF-9130	1	LOCK PIN, shift lever
5	PGF-9157	1	DUST COVER, shift tower
6	PGF-9122	1	SEAT, shift lever spring
7	PGF-9123	1	SPRING, shift lever
8	PG-2487	1	TOWER, shift
9	PGU-2723	1	TRANSMISSION CASE COVER GROUP (includes Ref. Nos. 10 to 22 inclusive except Ref. No. 14)
10	PG-2453	1	COVER
11	PGF-16633	1	SHIFT ROD, 3rd and high
12	PG-2537	1	SHIFT FORK, 3rd and high
13	PGF-11675	3	SCREW, shift fork locking
14	PGF-9738	3	WIRE, shift fork locking screw
15	PGF-16076	1	SHIFT ROD, 2nd and low
16	PG-2536	1	SHIFT FORK, 2nd and low
17	PGF-9159	1	SHIFT LUG, 3rd and high
18	164032	3	PLUG, expansion
19	PGF-9132	2	CAPSCREW, shift rod lock
20	PGF-5717	2	WASHER, shift rod lock capscREW
21	PGF-9131	2	SPRING, shift rod lock
22	021003	5	BALL, shift rod lock spring
23	PGF-9102	1	GASKET, shift tower
24	PGF-10059	1	GUARD, oil
25	PGF-16120	1	GASKET, transmission cover
26	PGF-8433	9	STUD, transmission cover (1-3/8" long)

(continued)

See opposite page for
cross section side view
of Transmission



(For Part Numbers,
see next page)

FOUR SPEED MANUAL SHIFT TRANSMISSION
(Used with Single Speed Transfer Case and Separate Power Reverse)
(On Pacer 400 and Super 400)

FOUR SPEED MANUAL SHIFT TRANSMISSION
 (Used with Single Speed Transfer Case and Separate Power Reverse)
 (On Pacer 400 and Super 400)
 (For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2740	1	TRANSMISSION, COMPLETE (includes Ref. Nos. 9 to 91 inclusive except Ref. No. 23)
1	PGU-2725	1	GEAR SHIFT LEVER GROUP (includes Ref. Nos. 2 to 8 inclusive)
2	PGF-16465	1	LEVER, gear shift
3	PGF-16430	1	CONTROL KNOB, gear shift lever
4	PGF-9130	1	LOCK PIN, shift lever
5	PGF-9157	1	DUST COVER, shift tower
6	PGF-9122	1	SEAT, shift lever spring
7	PGF-9123	1	SPRING, shift lever
8	PG-2487	1	TOWER, shift
9	PGU-2723	1	TRANSMISSION CASE COVER GROUP (includes Ref. Nos. 10 to 22 inclusive except Ref. No. 14)
10	PG-2453	1	COVER
11	PGF-16633	1	SHIFT ROD, 3rd and high
12	PG-2537	1	SHIFT FORK, 3rd and high
13	PGF-11675	3	SCREW, shift fork locking
14	PGF-9738	3	WIRE, shift fork locking screw
15	PGF-16076	1	SHIFT ROD, 2nd and low
16	PG-2536	1	SHIFT FORK, 2nd and low
17	PGF-9159	1	SHIFT LUG, 3rd and high
18	164032	3	PLUG, expansion
19	PGF-9132	2	CAPSCREW, shift rod lock
20	PGF-5717	2	WASHER, shift rod lock capscREW
21	PGF-9131	2	SPRING, shift rod lock
22	021003	5	BALL, shift rod lock spring
23	PGF-9102	1	GASKET, shift tower
24	PGF-10059	1	GUARD, oil
25	PGF-16120	1	GASKET, transmission cover
26	PGF-8433	9	STUD, transmission cover (1-3/8" long)

(continued)

(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
26A	PGF-8431	1	STUD, transmission cover (2" long)
27	PGF-9133	1	NUT, slotted
28	PGF-9079-56	1	YOKE, fitting
29	PGF-3216	1	SEAL, oil
30	318516	1	BEARING, roller
31	PG-1739	1	HOUSING, bearing support
32	PGF-9091	6	STUD, housing to case
33	PGF-9125	1	GASKET, bearing housing
34A	PGF-16572	1	PINION, drive - 21 teeth
34B	PGF-15858	1	GEAR, CS driven - 41 teeth
35	PGF-9082	1	NUT, drive pinion bearing retainer
36	311596	1	BEARING, drive pinion
37	318520	1	MS BEARING, roller
38	PGF-15863	1	SHIFTER CLUTCH GEAR, MS 3rd and high speed - 14 and 17 teeth
39	PGF-15849	1	MS PINION, 3rd speed - 29 teeth
40	PGF-9120	1	SNAP RING, 3rd speed pinion
41	PGF-15844	1	SPLINED THRUST WASHER, 3rd speed pinion
42	PGF-15843	45	ROLLER, 3rd speed pinion
43	PGF-15847	1	SLEEVE, 3rd speed pinion bearing
44	PGF-9116	1	DOWEL PIN, bearing sleeve
45	PGF-14436	1	SHIM, 3rd speed pinion - .005" thick
45A	PGF-14437	1	SHIM, 3rd speed pinion - .007" thick
45B	PGF-15841	1	THRUST WASHER, 3rd speed pinion
46	PGF-15839	1	MS GEAR, 2nd speed - 41 teeth
47	PGF-15843	42	ROLLER, MS 2nd speed gear
48	PGF-9114	1	THRUST WASHER, 2nd speed gear
49	PGF-9074	1	SHIFTER CLUTCH GEAR, MS low speed and 2nd speed - 20 teeth
50	PGF-15848	1	MS GEAR, low speed - 40 teeth
51	PGF-9119	1	SNAP RING, MS low speed gear

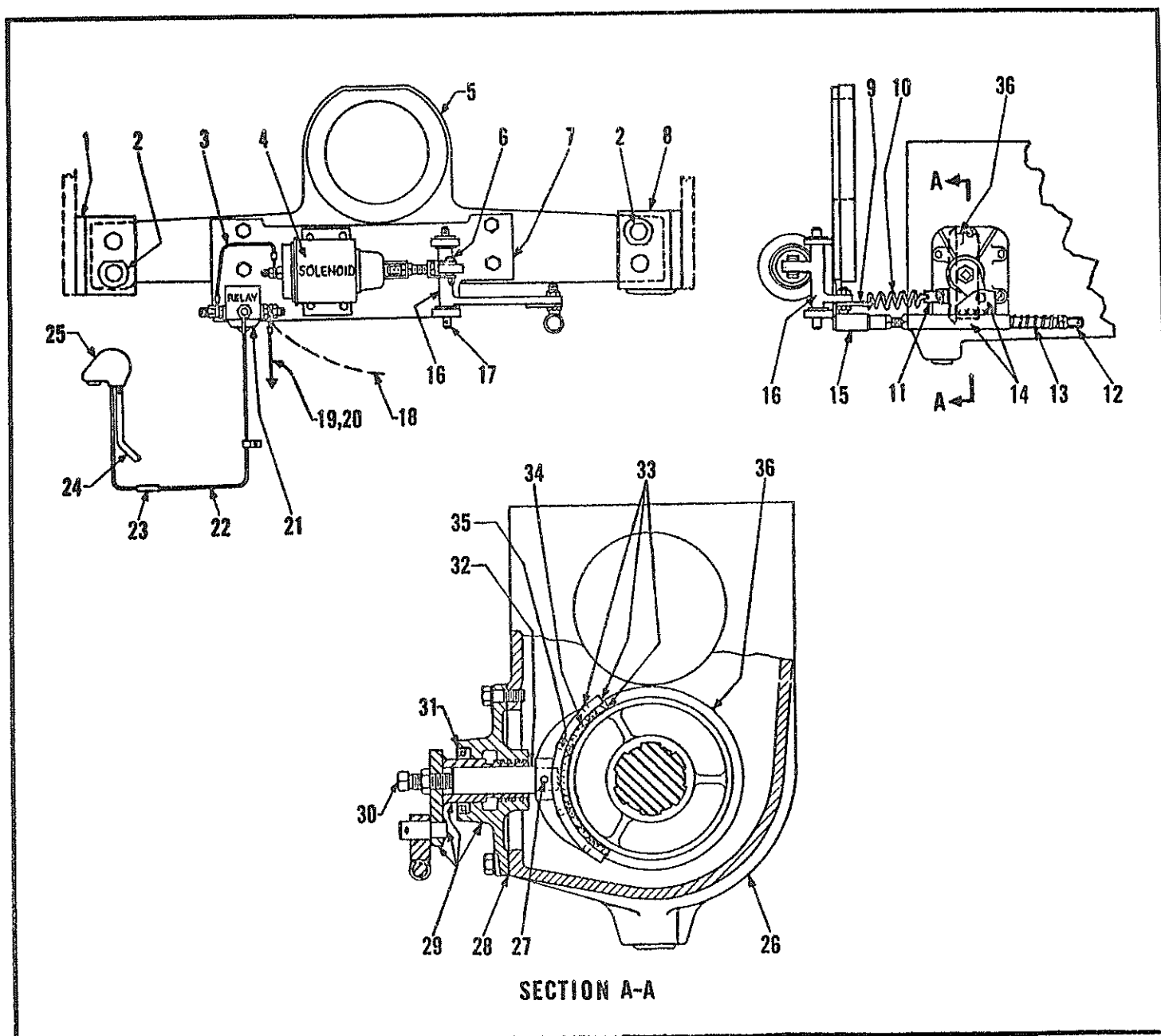
MS = Main Shaft
CS = Countershaft

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REF. NO.	PART NO.	QUANTITY	DESCRIPTION
52	PGF-9062	1	SPLINED THRUST WASHER, MS low speed gear
53	PGF-15843	48	ROLLER, MS low speed gear
54	PGF-15846	1	SLEEVE, MS low speed gear bearing
55	PGF-9134	1	THRUST WASHER, MS bearing
56	PGF-9158	1	SNAP RING, MS bearing
57	318518	1	MS BEARING, roller
59	PGF-16665	1	MAIN SHAFT
60	PG-1736	1	CAP, CS bearing
61	BRF-1894	4	STUD, bearing cap to case
62	PGF-9110	1	GASKET, CS bearing cap
63	PGF-9083	1	NUT, CS bearing adjusting
64	311368	1	CS BALL BEARING WITH SNAP RING
65	PGF-15845	1	THRUST WASHER, CS driven gear
67	PG-2445	1	DRUM, brake
68	PGF-15840	1	CS GEAR, 3rd speed - 35 teeth
69	PGF-15838	1	CS PINION, 2nd speed - 23 teeth
71	PGF-15842	1	SPACER, pinion
74	318546	1	CS BEARING, roller
76	PGF-15850	1	COUNTERSHAFT & LOW SPEED PINION - 15 teeth
77	PG-2450	1	CASE, transmission
84	PGF-10846	1	PLUG, drain
85	PGF-9864	1	GASKET, PTO cover plate
86	PGF-13140	1	PTO COVER PLATE
88	PGF-9864	1	GASKET, brake bracket
89	PGF-8972	1	BRAKE SCREW AND BRACKET
90	PGF-17641	1	PLATE, identification, transmission
91	751020	2	SCREW, drive (for Ref. 90)
92	PGF-8479	1	GASKET, transmission case
93			CASE, transfer (see separate page)

MS = Main Shaft
CS = Countershaft

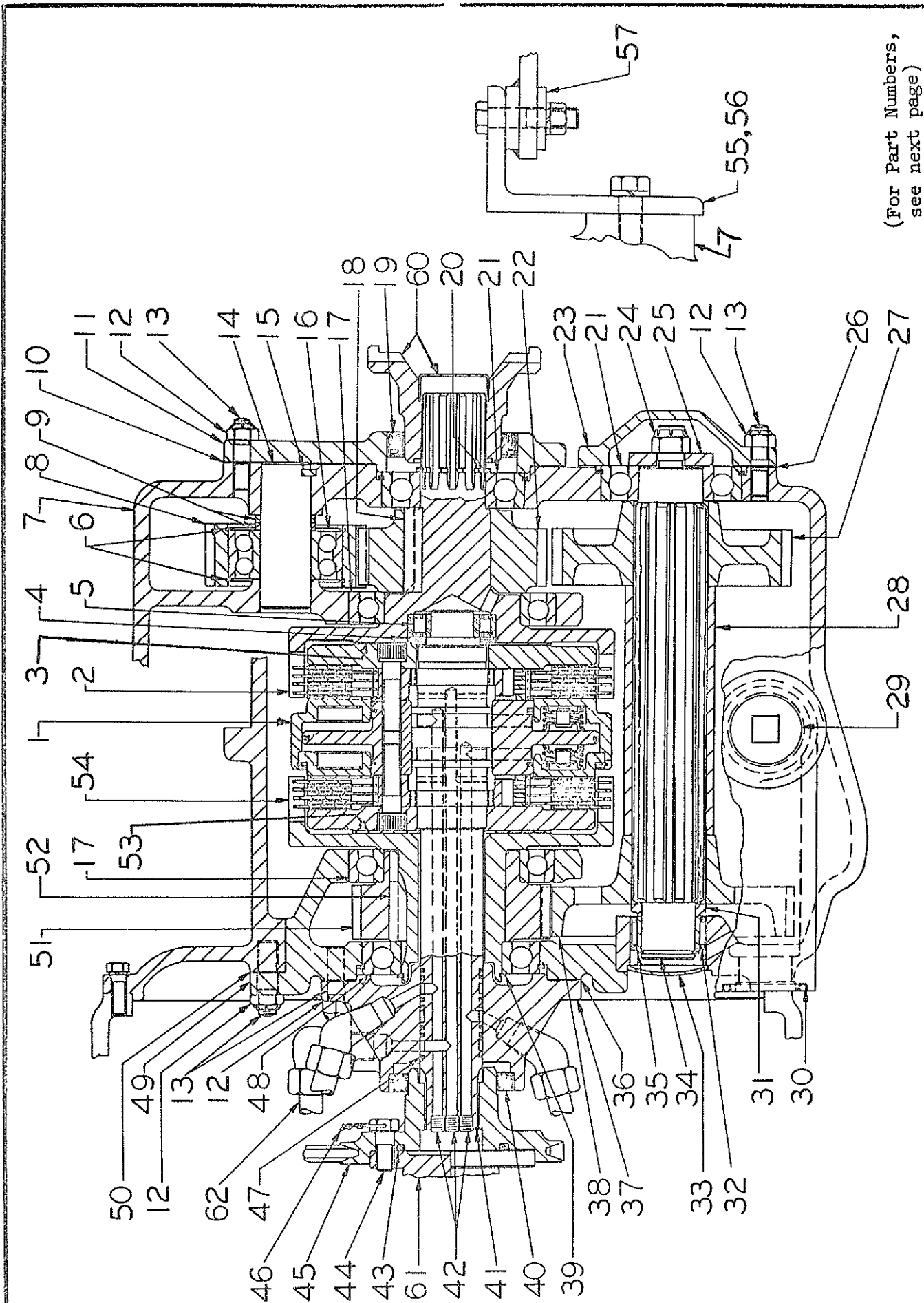


TRANSMISSION BRAKE FOR 4-SPEED MANUAL SHIFT TRANSMISSION
(On Pacer 447 and Super 467)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16218	1	ANGLE, L.H.
2	PGF-15665	2	WASHER
3	PGF-16469	1	WIRE
4			SOLENOID (switch) - (see separate page)
5	PGF-16400	1	SUPPORT, transmission
6	783003	1	PIN, yoke
7	PGF-16210	1	SUPPORT

(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
8	PGF-16219	1	ANGLE, R.H.
9	PGF-16582	1	PLATE, for spring
10	HCF-3330	1	SPRING
11	PGF-16581	1	PLATE, for spring
12	PGF-16217	1	ROD, pull
13	PGF-7610	1	SPRING
14	PGF-16220	1	TUBE
15	PGF-16262-6	1	JOINT, ball
16	PGF-16213	1	BELL CRANK
17	PGF-16215	1	PIN, bell crank
18	PGF-16892	1	WIRE, relay to relay (used only in combination with solenoid controlled circle latch)
19	PGF-16470	1	WIRE (to negative terminal of starter on GMC engine)
20	PGF-16471	1	WIRE (to negative terminal battery connection on magnetic switch on Cummins engine)
21	PGF-16452	1	RELAY
22	PGF-16466	1	WIRE
23	HCF-6357	1	CONNECTOR, wire
24			LEVER, gear shift
25			KNOB, control
26			TRANSMISSION
			} (see 4-speed transmission page)
27	BDF-345	1	PIN
28	PGF-9864	1	GASKET
29	PGF-8972	1	SCREW AND BRACKET ASSEMBLY
30	755095	1	SETSCREW, cup point
31	PGF-8857	1	SEAL, oil
32	PGF-8828	1	SHAFT
33	PGX-1414	1	SHOE WITH LINING AND RIVETS (includes Ref. Nos. 34 and 35)
34	PGF-7590	1	LINING
35	713128	6	RIVET, tubular
36			DRUM, brake (see separate page)



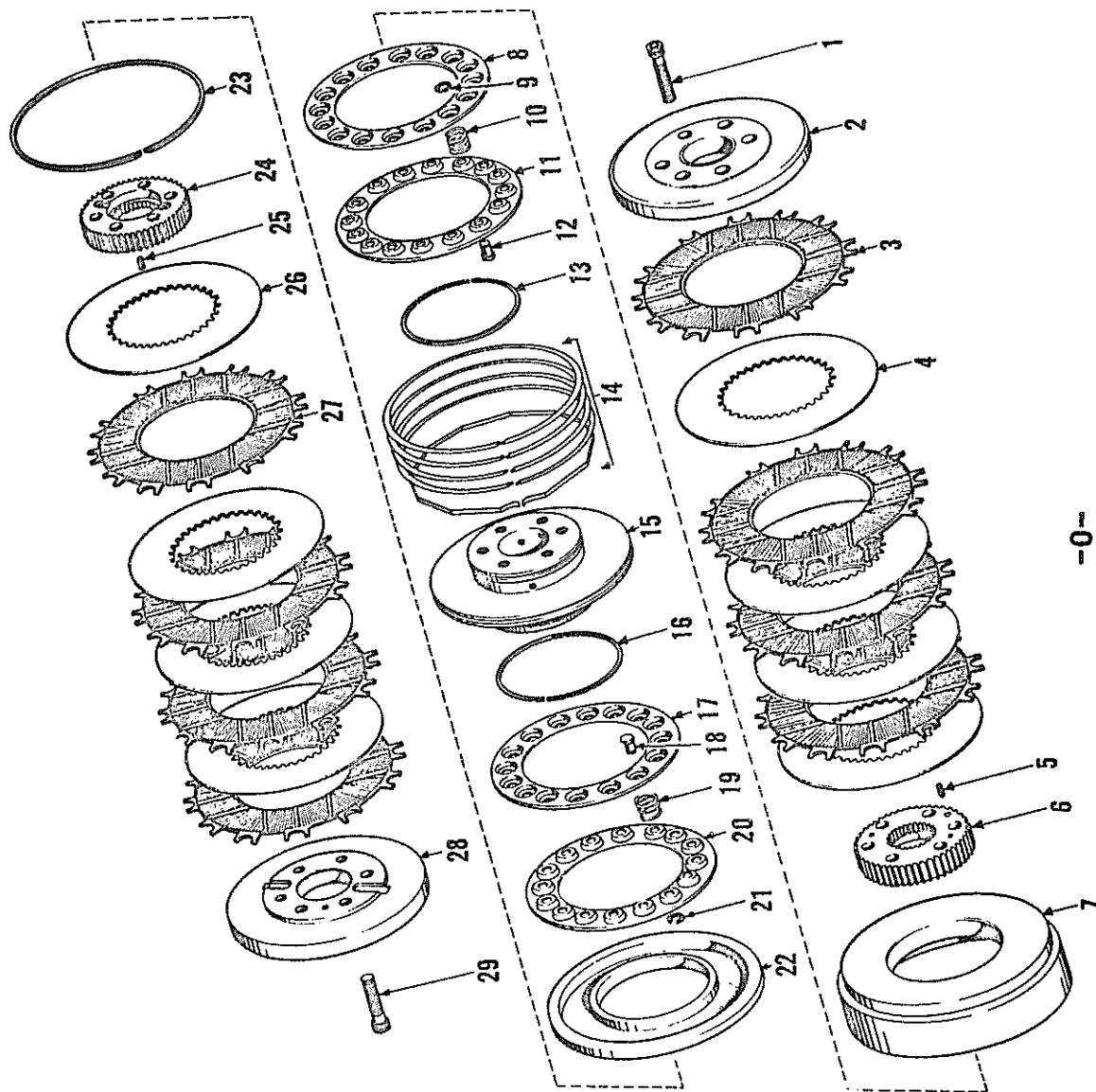
(For Part Numbers,
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POWER SHIFT FORWARD AND REVERSE UNIT
(On Pacer 447 and Super 467)

POWER SHIFT FORWARD AND REVERSE UNIT
(On Pacer 447 and Super 467)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1			HYDRAULIC CLUTCH (see separate page)
2	PGF-16491	1	SHAFT, spider and output
3	PGF-16645	1	WASHER, thrust
4	PGF-16525	1	RING, snap
5	318528	1	BEARING, roller
6	PGF-9121	2	RING, snap
7	PG-2483	1	CASE
8	PGF-9077	1	GEAR, reverse idler, 25 teeth
9	PGF-9107	2	SPACER, idler gear
10	PGF-15947	1	GASKET, bearing cap
11	PG-2436	1	CAP, bearing
12	911005	30	NUT, hug lock
13	PGF-15052	30	STUD
14	PGF-9109	1	SHAFT, idler gear
15	111010	1	KEY, idler shaft
16	311447	1	BEARING, ball
17	311618	2	BEARING, ball
18	PGF-15994	1	KEY, spider
19	ASF-5727	1	SEAL, oil
20	PGF-16523	1	RING, snap
21	311257	2	BEARING, ball
22	PGF-15980	1	PINION, 30 teeth
23	PG-2480	1	CAP, bearing
24	911008	1	NUT, hug lock
25	PGF-16117	1	WASHER
26	PGF-15948	1	GASKET, bearing cap
27	PGF-16520	1	GEAR, 39 teeth
28	PGF-16528	1	SPACER
29	812007	1	PLUG, pipe, countersunk head
30	PGF-9648-2	1	"O" RING
31	PGF-16615	1	SPACER
32	318532	1	BEARING, needle
33	164056	1	PLUG, expansion
34	PGF-16519	1	COUNTERSHAFT
35	PGF-16522	1	RING, snap
36	PGF-16571	1	GASKET, oil distributor
37	PG-2479	1	DISTRIBUTOR, oil
38	PGF-16521	1	GEAR, 41 teeth
39	PGF-16002	1	RING, snap
40	194086	1	SEAL, oil
41	PGF-16643	1	MAIN SHAFT
42	812000	3	PLUG, pipe, countersunk head
43	PGF-9648-4	1	"O" RING
44	PGF-16058	6	BOLT
45	PG-2489	1	FLANGE, drive
46	PGF-9436	1	WIRE, locking
47	PGF-15984	7	RING, piston
48	311646	1	BEARING, ball
49	PG-2482	1	SUPPORT, bearing
50	PGF-16527	1	GASKET, bearing support
51	PGF-15981	1	PINION, 32 teeth
52	PGF-16507	1	KEY, spider
53	PGF-16644	1	WASHER, thrust
54	PGF-16490	1	SPIDER AND HUB
55	PGF-16564	1	ANGLE, L.H., mounting
56	PGF-16563	1	ANGLE, R.H., mounting
57	PGF-16565	2	PLATE, support
58	PGF-15996	1	COVER, inspection (not shown)
59	PGF-15997	1	GASKET for Ref. No. 58 (not shown)
60			FITTING YOKE, with dust cup (see separate page)
61			SHAFT, turbine (see converter page)
62			PIPING (see converter piping)
63	PGF-16670	1	SUPPORT, for forward & reverse tubes (not shown)
64	PGF-11680	1	CLAMP for above tubes (not shown)

(For Part Numbers,
see next page)

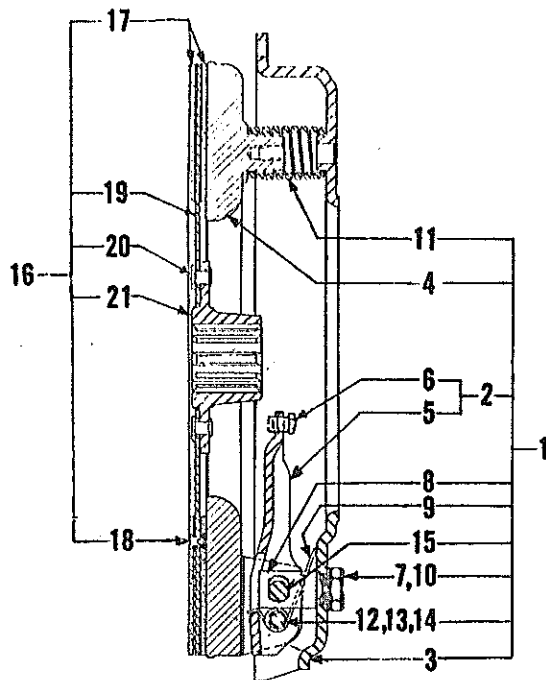


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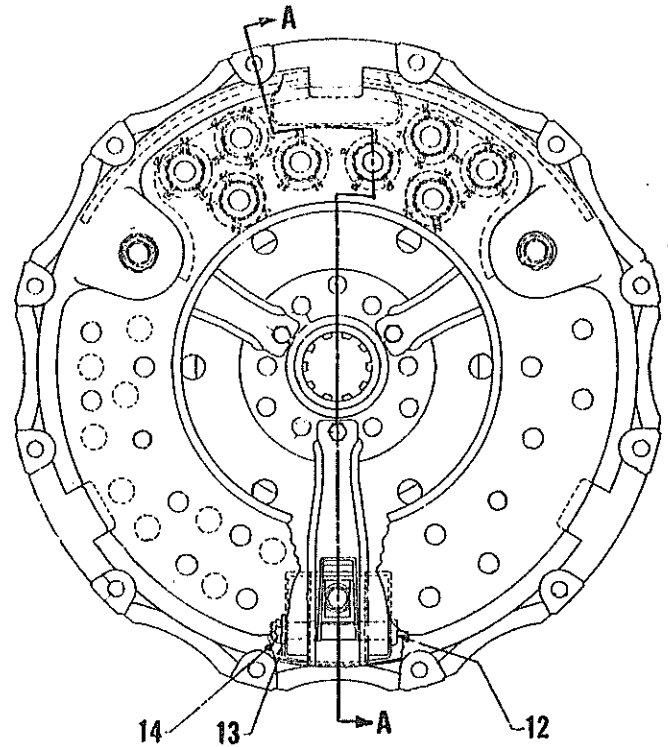
CLUTCH FOR POWER SHIFT FORWARD AND REVERSE UNIT
(On Pacer 447 and Super 467)

CLUTCH FOR POWER SHIFT FORWARD AND REVERSE UNIT
(ON PACER 447 AND SUPER 467)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-16639	1	CLUTCH ASSEMBLY (includes Ref. Nos. 1 to 29 inclusive)
1	372081	6	SCREW, cap, socket-head
2	372082	1	PLATE, back
3	372083	4	PLATE, driving, sintered
4	372084	4	PLATE, driven, steel
5	372085	1	PIN, roll
6	372086	1	HUB
7	372087	1	PISTON, external
8	372088	1	RETAINER, spring, release
9	372089	16	RING, snap
10	372090	16	SPRING, release
11	372088	1	RETAINER, spring
12	372091	16	PIN, spring, release
13	372092	1	RING, piston
14	372093	1	RING (unit), piston
15	372094	1	PLATE, partition
16	372092	1	RING, piston
17	372088	1	RETAINER, spring
18	372091	16	PIN, spring, release
19	372090	16	SPRING, release
20	372088	1	RETAINER, spring
21	372089	16	RING, snap
22	372095	1	PISTON, internal
23	372096	1	RING, snap
24	372086	1	HUB
25	372085	1	PIN, roll
26	372084	4	PLATE, driven, steel
27	372083	4	PLATE, driving, sintered
28	372082	1	PLATE, back
29	372081	6	SCREW, cap, socket-head



Section A-A



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CLUTCH (DRIVING)
(ON PACER 445 & 446 - SUPER 465 & 466 - SUPER 565 & 566)

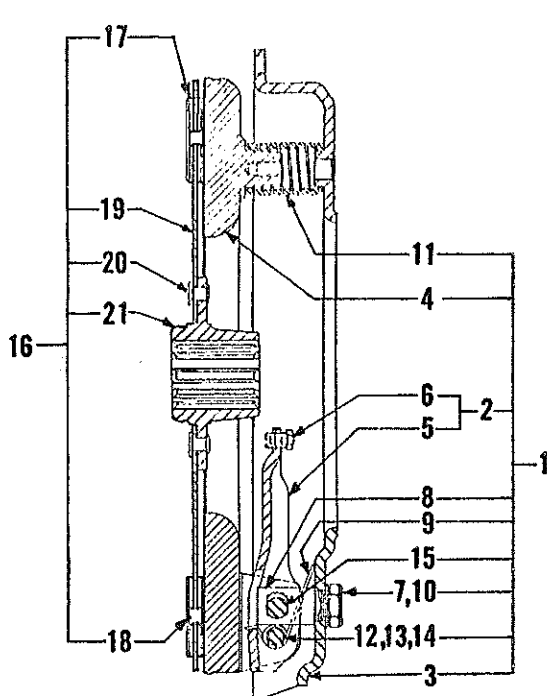
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-17096	1	CLUTCH GROUP, complete
1	382371	1	COVER GROUP (includes Ref. 3 to 15 inclusive)
2	382344	3	LEVER GROUP (includes Ref. 5 and 6)
3	382342	1	PLATE, back
4	382343	1	PLATE, pressure
5	382345	3	LEVER
6	382346	3	SCREW, adjustment
7	382347	3	WASHER, shakeproof
8	382348	3	BLOCK, lever pivot
9	382349	3	SPRING, torsion
10	382350	3	NUT, jam
11	382351	24	SPRING, pressure

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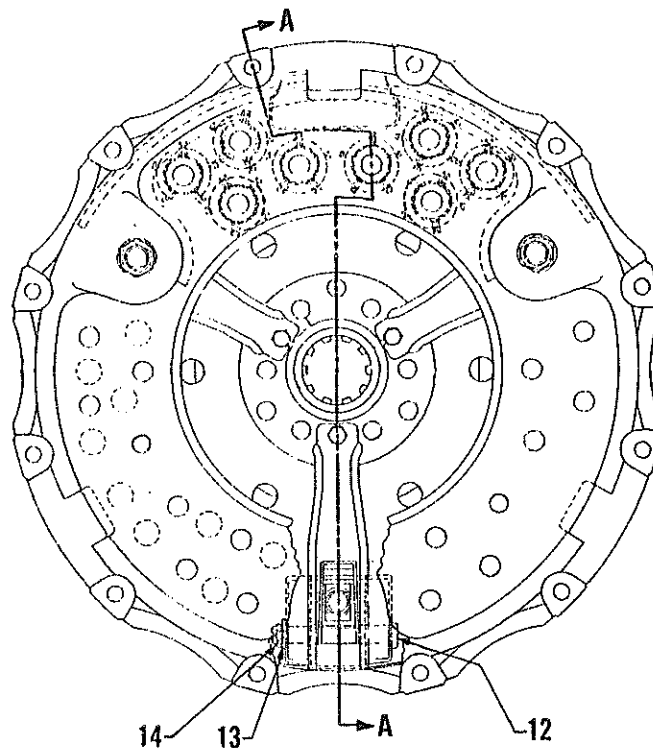
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REF. NO.	PART NO.	QUANTITY	DESCRIPTION
12	382130	3	PIN, lever
13	382131	3	WASHER, lever pin
14	382162	3	PIN, cotter
15	382352	3	PIN, lever pivot
16	382336	1	DRIVEN MEMBER GROUP (includes Ref. Nos. 17 to 21 inclusive)
17	382341	2	FACING
18	382243	42	RIVET, tubular
19		1	* PLATE, clutch
20		12	* RIVET, flat head
21		1	* CENTER, splined

Note: * Indicates Parts not sold separately. Order Ref. No. 16.



Section A-A



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CLUTCH (DRIVING)
(ON PACER 400 & 500 - SUPER 400 & 500)

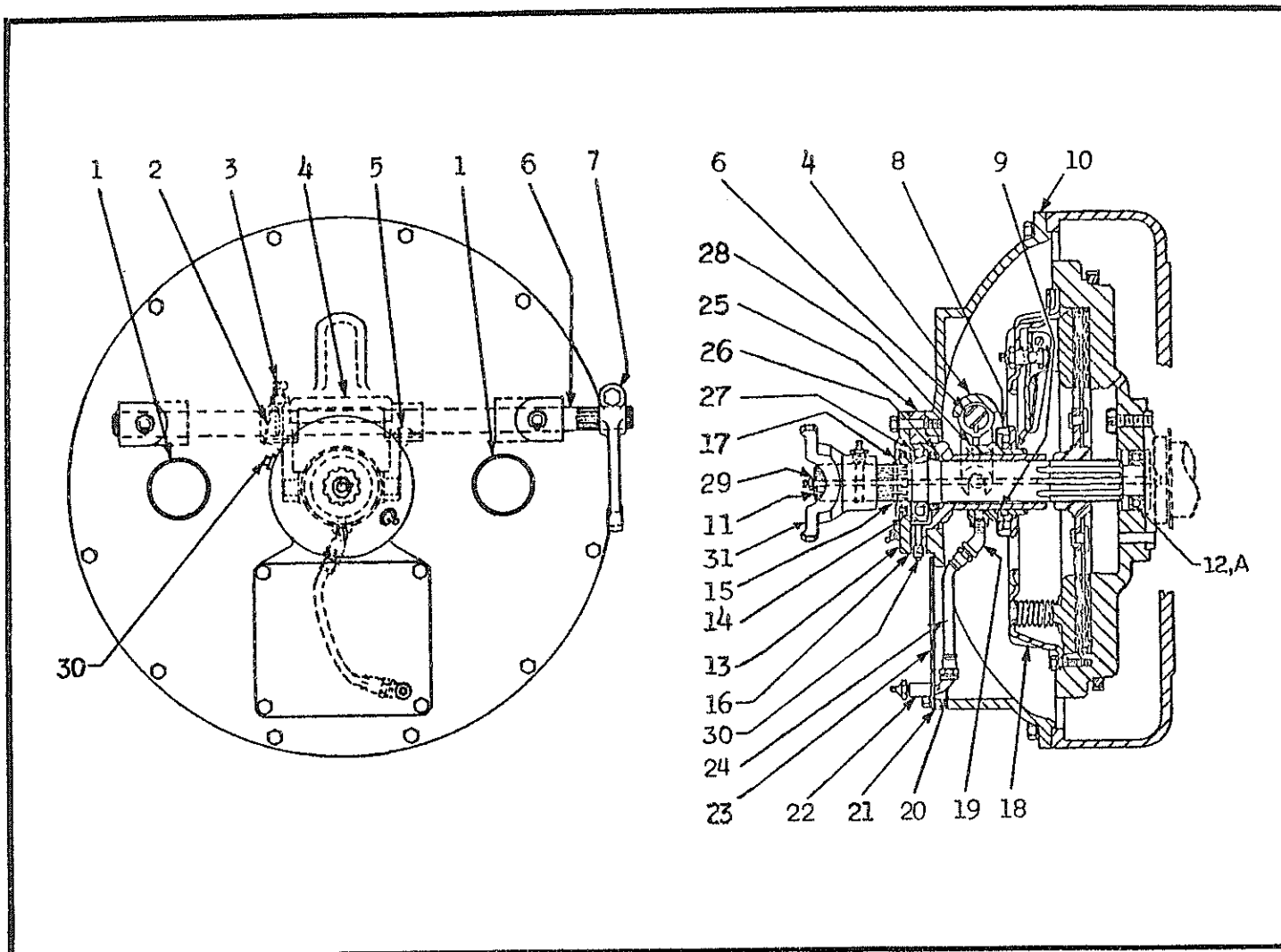
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-19066	1	CLUTCH GROUP, complete
1	382481	1	COVER GROUP (includes Ref. 3 to 15 inclusive)
2	382344	3	LEVER GROUP (includes Ref. 5 and 6)
3	382342	1	PLATE, back
4	382343	1	PLATE, pressure
5	382345	3	LEVER
6	382346	3	SCREW, adjustment
7	382347	3	WASHER, shakeproof
8	382348	3	BLOCK, lever pivot
9	382349	3	SPRING, torsion
10	382350	3	NUT, jam
11	382482	24	SPRING, pressure

(continued)

(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
12	382480	3	PIN, lever
13	382131	3	WASHER, lever pin
14	382479	3	RING, retainer
15	382352	3	PIN, lever pivot
16	382483	1	DRIVEN MEMBER GROUP (includes Ref. Nos. 17 to 21 inclusive)
17		24	* FACING
18		12	* RIVET
19		1	* PLATE, clutch
20		12	* RIVET, flat head
21		1	* CENTER, splined

Note: * Indicates parts not sold separately. Order Ref. No. 16.



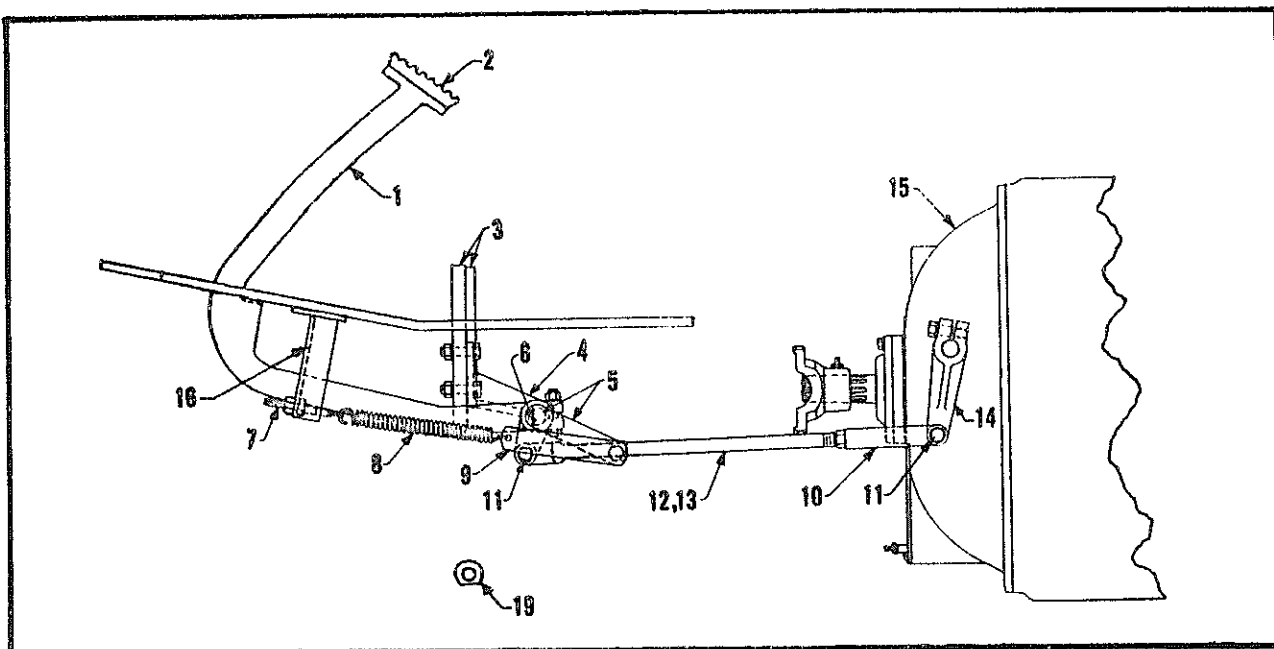
CLUTCH AND SHAFT ASSEMBLY FOR DRY CLUTCH DRIVE
(ON PACER 445 - SUPER 465 - SUPER 565)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	BTF-872	2	BREATHER
2	PGF-9738	1	WIRE, lock
3	PGF-9269	1	SCREW, clutch yoke lock
4	PG-2015	1	YOKE, clutch throwout
5	111010	1	KEY, yoke
6	HCF-2823	1	SHAFT, clutch yoke
7	PGF-8978	1	LEVER
8	PGF-11576	1	BEARING, clutch throwout
9	PGF-11577	1	PIN, clutch throwout bearing
10	PG-2344	1	BELL HOUSING, clutch

(continued)

(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
11	HCF-1923	1	SHAFT, clutch
12	311243	1	BEARING, pilot (for Cummins engine only)
12A			BEARING, pilot (see GMC engine repair catalog)
13	PG-2413	1	CAP
14	PGF-11192	1	SEAL, oil
15	PGF-10452	1	RING, snap
16	PGF-8766	1	GASKET
17	PGF-11178	1	SPACER
18			CLUTCH (see separate page)
19	564001	1	ELBOW, street, 45°
20	563001	1	ELBOW, street, 90°
21	PGF-8763	1	GASKET, inspection plate
22	525001	1	COUPLING
23	PGF-10915	1	PLATE, inspection
24	PGF-17580	1	HOSE, grease
25	PG-2017	1	SLEEVE, bearing carrier
26	194262	1	SEAL, oil
27	311167	1	BEARING, ball
28	PG-2493	1	CARRIER, bearing
29	PGF-15787	1	NIPPLE, extension
30	813000	1	PLUG, pipe
31			YOKE, fitting (see separate page)



DRIVING CLUTCH OPERATING MECHANISM
(On Pacer 445 & 446 - Super 465 & 466 - Super 565 & 566)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PG-2477	1	PEDAL
2	PG-2476	1	PAD, pedal
3	PGF-16400	1	SUPPORT, transmission
4	PG-1848	1	HANGER, cross rod
5			ROD, cross (see separate page)
6	111012	1	KEY, Woodruff, cross rod
7	PGF-7737	1	EYEBOLT, spring
8	MGF-2703	1	SPRING
9	PGF-8977	1	LINK
10	782010	1	YOKE
11	783007	2	PIN, yoke
12	PGF-17832	1	ROD (on Pacer 445 - Super 465 - Super 565)
13	PGF-17566	1	ROD (on Pacer 446 - Super 466 - Super 566)
14			LEVER, clutch release
15			BELL HOUSING, clutch
			(see separate pages)
16	PGF-13589	1	SUPPORT, eyebolt
17	PGF-16218	1	* ANGLE, L.H., transmission support to frame
18	PGF-16219	1	* ANGLE, R.H., transmission support to frame
19	PGF-15665	2	WASHER (for Ref. Nos. 17 and 18)

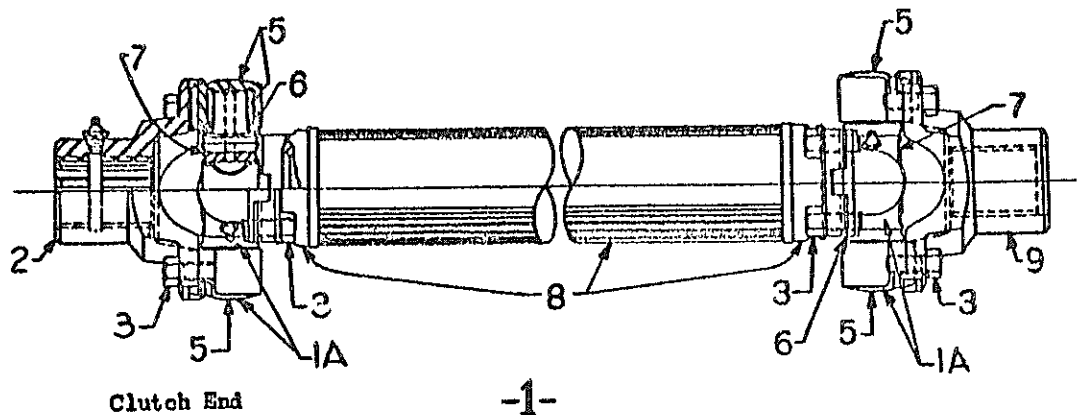
Note: * Parts not illustrated.

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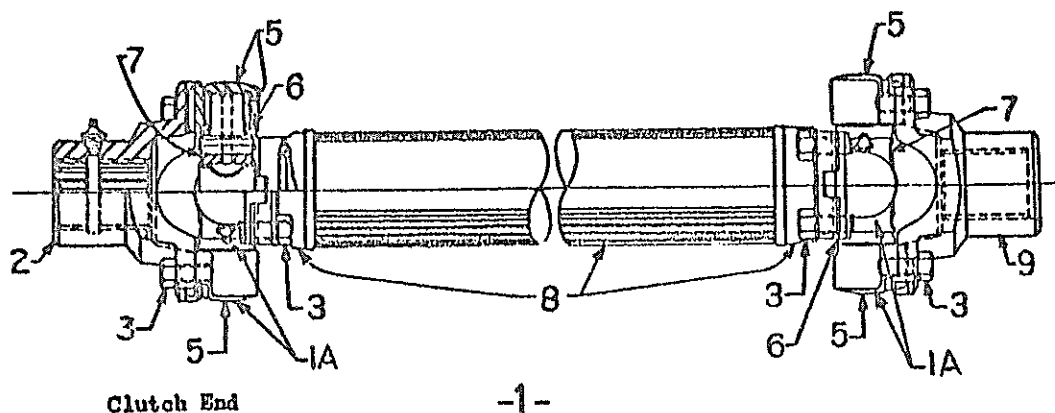
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PROPELLER SHAFT
(Clutch to 3-Speed Manual Shift Transmission)
(On Pacer 445 - Super 465 - Super 565)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16715	1	PROPELLER SHAFT, complete
1A	465076	2	SPIDER AND BEARING GROUP (includes Ref. Nos. 5, 6 and 7 assembled)
2	465143	1	YOKE, fitting
3	TF-1592-59	16	CAPSCREW
5		8	BEARING GROUP (not sold separately. Order Ref. No. 1A)
6	465145	8	WASHER, cork
7		2	SPIDER GROUP (not sold separately. Order Ref. No. 1A)
8	465285	1	TUBE AND YOKE GROUP
9	PGF-9079-56	1	YOKE, fitting
10	PGF-16224	1	SHIELD, propeller shaft (not shown)



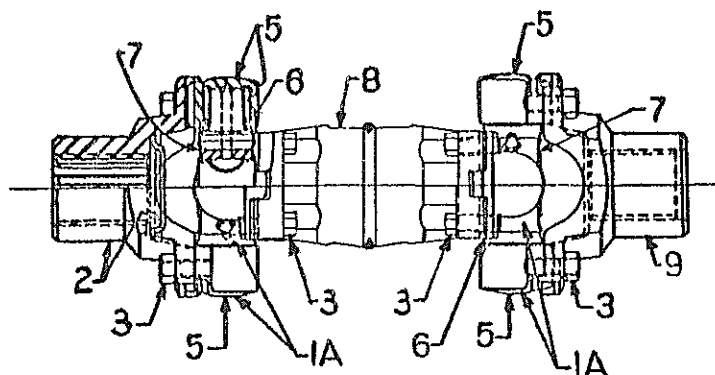
PROPELLER SHAFT
(Clutch to 3-Speed Manual Shift Transmission)
(On Pacer 446 - Super 466 - Super 566)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16153	1	PROPELLER SHAFT, complete
1A	465076	2	SPIDER AND BEARING GROUP (includes Ref. Nos. 5, 6 and 7 assembled)
2	465143	1	YOKE, fitting
3	TF-1592-59	16	CAPSCREW
5		8	BEARING GROUP (not sold separately. Order Ref. No. 1A)
6	465145	8	WASHER, cork
7		2	SPIDER GROUP (not sold separately. Order Ref. No. 1A)
8	465282	1	TUBE AND YOKE GROUP
9	PGF-9079-56	1	YOKE, fitting
10	PGF-16224	1	SHIELD, propeller shaft (not shown)

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Transmission End

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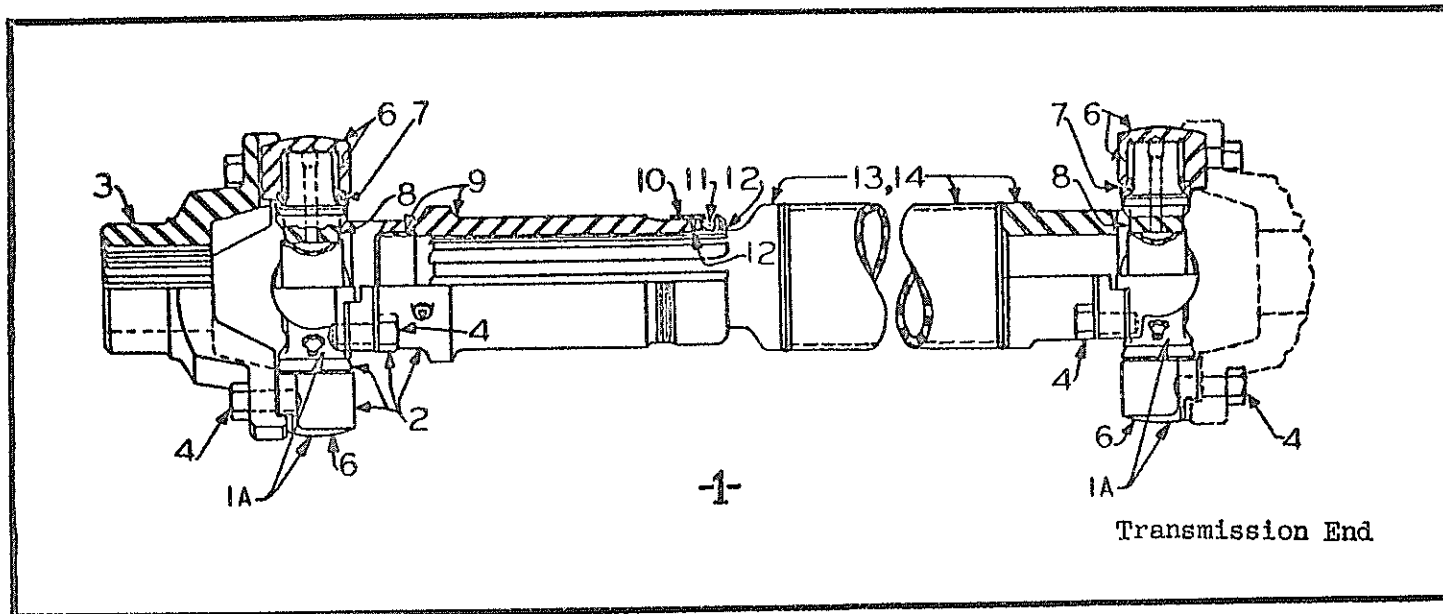
PROPELLER SHAFT
(Power Shift Reverse Case to 4-Speed Manual Shift Transmission)
(On Pacer 447 and Super 467)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16010	1	PROPELLER SHAFT, complete
1A	465076	2	SPIDER AND BEARING GROUP (includes Ref. Nos. 5, 6 and 7 assembled)
2	465284	1	FITTING YOKE, with dust cup
3	TF-1592-59	16	CAPSCREW
5		8	BEARING GROUP (not sold separately. Order Ref. No. 1A)
6	465145	8	WASHER, cork
7		2	SPIDER GROUP (not sold separately. Order Ref. No. 1A)
8	465283	1	YOKE, welded
9	PGF-9079-56	1	YOKE, fitting
10	PGF-16225	1	SHIELD, propeller shaft (not shown)

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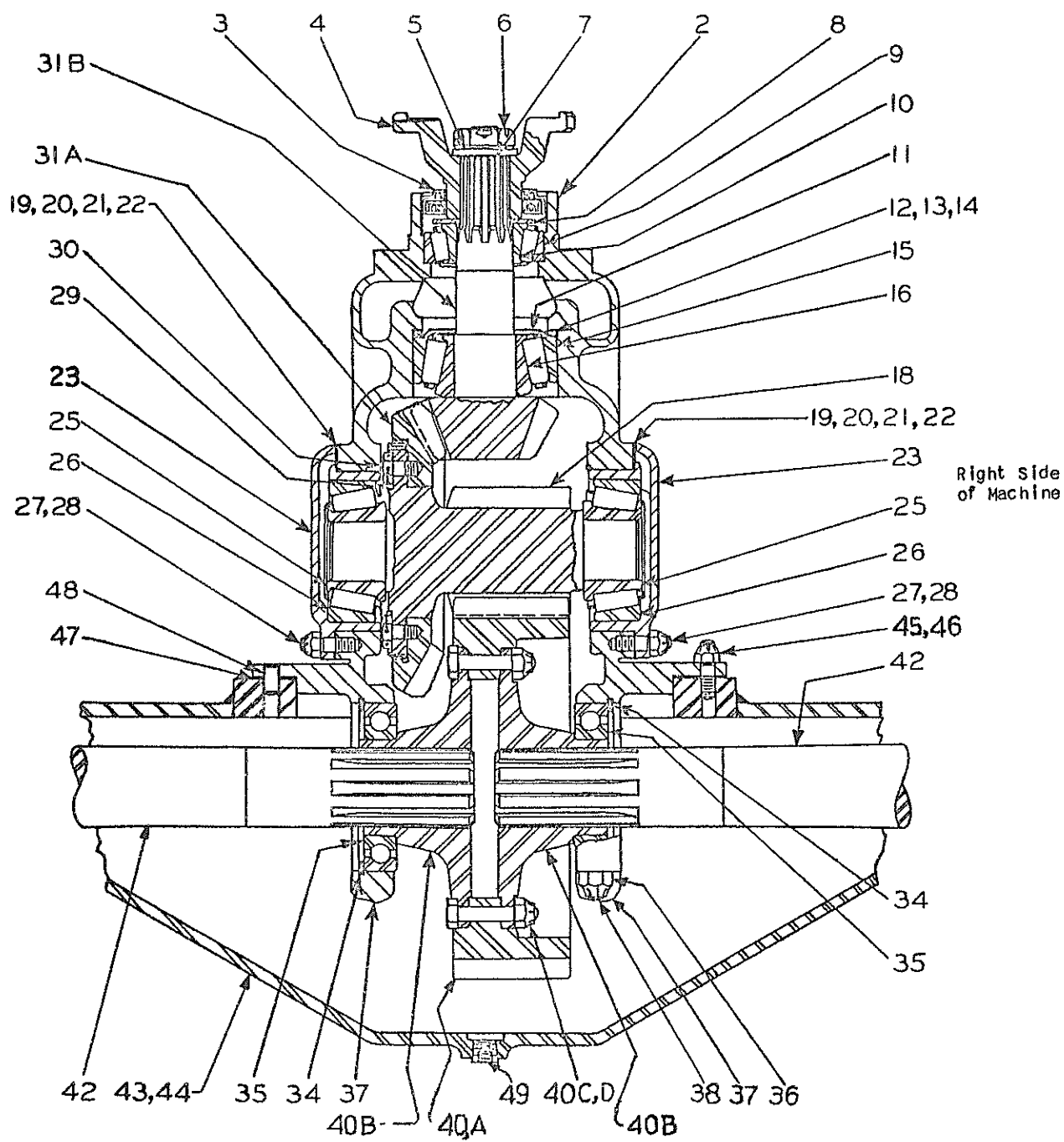
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PROPELLER SHAFT
(4-Speed Power Shift Transmission To Single Speed Transfer Case)
(On Pacer 448 and Super 468)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16237	1	PROPELLER SHAFT, complete
1A	PGF-8807-57	2	SPIDER AND BEARING GROUP (includes Ref. Nos. 6, 7 and 8 assembled)
2	465286	1	JOINT GROUP (includes Ref. Nos. 4 to 12 inclusive)
3	PGF-16237-55	1	YOKE, fitting
4	PGF-9717-55	16	CAPSCREW
6		8	BEARING GROUP (not sold separately. Order Ref. No. 1A)
7	465149	8	WASHER, cork
8		2	SPIDER GROUP (not sold separately. Order Ref. No. 1A)
9	465118	1	SLIP YOKE, with dust cup
10	465013	1	RETAINER, felt
11	465005	1	FELT
12	465014	2	WASHER, felt retainer
13	465287	1	PROPELLER TUBE AND JOINT GROUP (includes Ref. Nos. 4, 6, 7, 8 and 14)
14	465288	1	PROPELLER TUBE GROUP
15	PGF-16211	1	SHIELD, propeller shaft (not illustrated)



(For Part Numbers,
see next page)

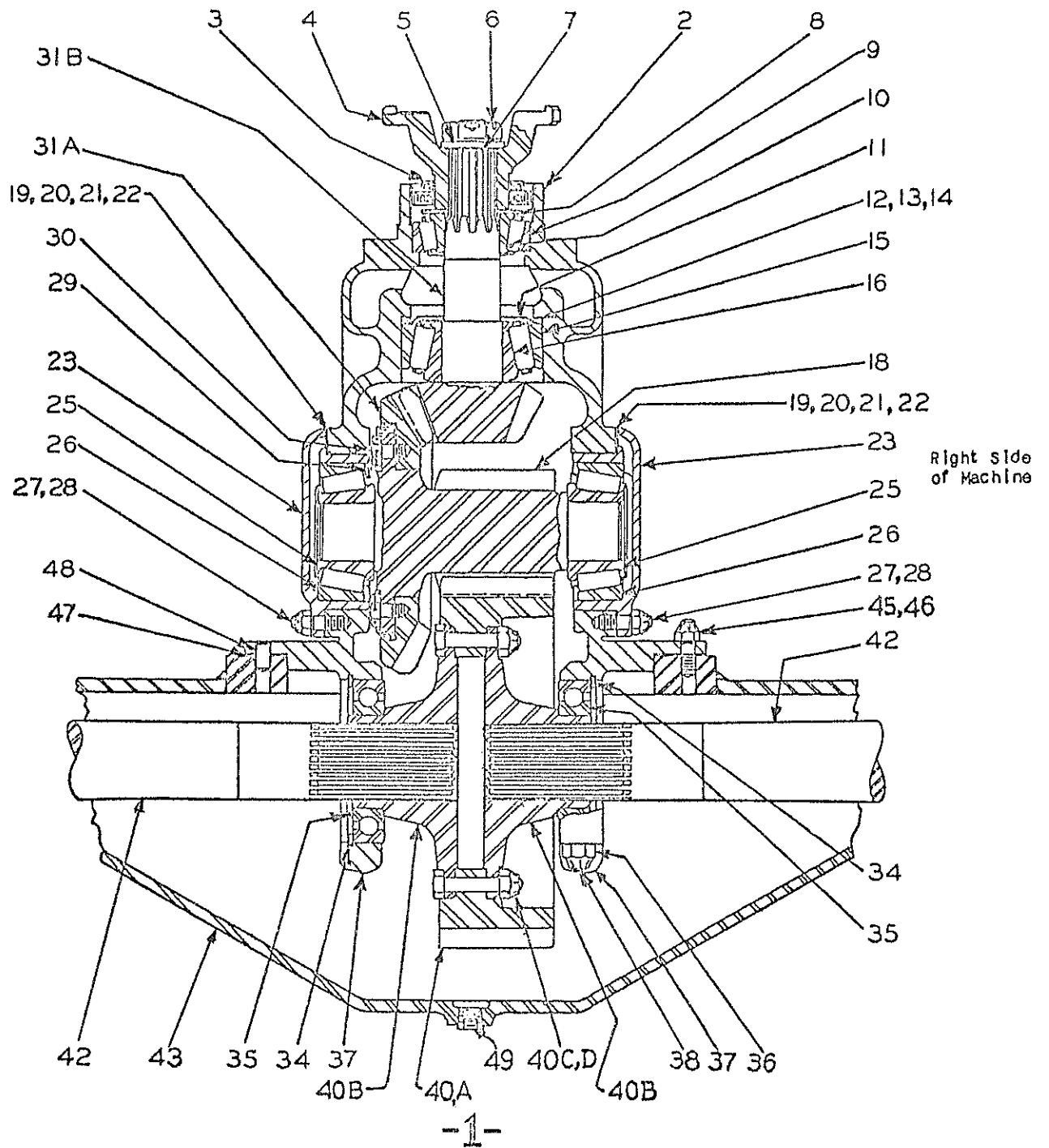
REAR AXLE GEAR CARRIER
(On Pacer 400 - Super 400 - Super 500)

REAR AXLE GEAR CARRIER
(On Pacer 400 - Super 400 - Super 500)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGU-2732	1	REAR AXLE GEAR CARRIER GROUP (includes Ref. Nos. 2 to 41 inclusive)
2	PGF-17074	1	CARRIER, gear (includes Ref. Nos. 36, 37 & 38)
3	PGF-5240	1	SEAL, oil
4	PGF-8537-58	1	YOKER, fitting
5	PGF-15446	1	WASHER
6	PGF-15449	1	NUT, slotted
7	PGF-15445	2 or 3	GASKET, washer
8	PGF-4852	1	WASHER, spline shaft
9	313448	1	CUP, bearing
10	312991	1	CONE AND ROLLERS, bearing
11	PGF-15646	1	RETAINER, oil
12	PGF-11957	As req'd	SHIM (.005)
13	PGF-11956	As req'd	SHIM (.007)
14	PGF-11958	As req'd	SHIM (.020)
15	313463	1	CUP, bearing
16	319010	1	CONE AND ROLLERS, bearing
18	PGF-16515	1	PINION AND GEAR HUB
19	PGF-15568	4	GASKET
20	PGF-15571	As req'd	SHIM (.005)
21	PGF-15570	As req'd	SHIM (.007)
22	PGF-15569	As req'd	SHIM (.020)
23	PGF-15497	2	CAP WITH CUP, bearing (includes 1 of Ref. 26)
25	312547	2	CONE AND ROLLERS, bearing
26	313208	2	CUP, bearing
27	PGF-15502	12	STUD
28	914006	12	NUT, huglock
29	PGF-9436	1	WIRE, lock
30	PGF-15499	8	BOLT, bevel gear
31A	PGF-16511	1	* GEAR, spiral bevel
31B	PGF-16511	1	* PINION, spiral bevel
34	PGF-12594	2	WASHER
35	311340	2	BEARING, ball
36	914009	4	NUT, huglock
37		2	@ CAP, bearing
38	PGF-15894	4	STUD
40	PGF-16513	1	GEAR AND HUB ASSEMBLY (includes Ref. Nos. 40A to 40D inclusive)
40A	PGF-16512	1	BULL GEAR
40B	PGF-15889	2	HUB
40C	PGF-15899	16	BOLT
40D	PGF-15900	16	NUT, huglock
41	HCF-6418	1	PLUG, gear carrier vent - top (not shown)
42			SHAFT, drive (see separate page)
43	PGF-16621	1	HOUSING, rear axle (for Pacer 400)
44			HOUSING, rear axle (for Super 400 & Super 500 - see separate page)
45	PGF-13550	18	STUD
46	914007	18	NUT, huglock
47	PGF-15904	1	GASKET
48	PGF-15413	2	PIN, dowel
49	812004	1	PLUG, drain, countersunk head
50	812004	1	PLUG, filler and oil level, countersunk head (in axle housing - not shown)

Note: * Bevel gear and bevel pinion sold in matched sets only.

@ Bearing caps not sold separately. Order Ref. 2, PGF-17074, gear carrier.



(For Part Numbers,
see next page)

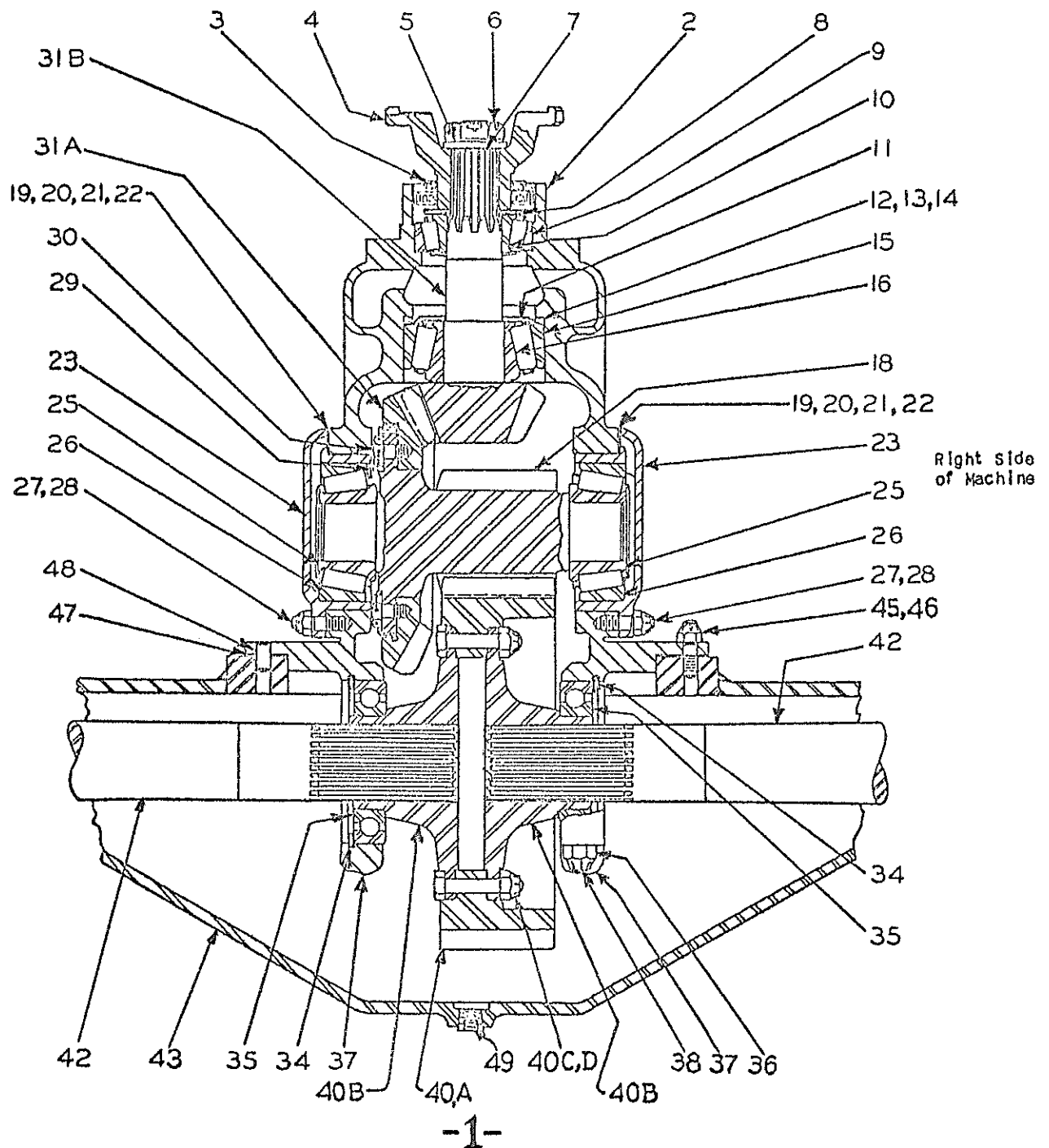
REAR AXLE GEAR CARRIER
(On Super 400 and 500)

REAR AXLE GEAR CARRIER
(On Super 400 and 500)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGU-3032	1	REAR AXLE GEAR CARRIER GROUP (includes Ref. Nos. 2 to 41 inclusive)
2	PGF-17074	1	CARRIER, gear (includes Ref. Nos. 36, 37 & 38)
3	PGF-5240	1	SEAL, oil
4		1	YOKE, fitting (see prop. shaft page)
5	PGF-15446	1	WASHER
6	PGF-15449	1	NUT, slotted
7	PGF-18707	1	GASKET, washer
8	PGF-4852	1	WASHER, spline shaft
9	313448	1	CUP, bearing
10	312991	1	CONE AND ROLLERS, bearing
11	PGF-15646	1	RETAINER, oil
12	PGF-11957	As req'd	SHIM (.005)
13	PGF-11956	As req'd	SHIM (.007)
14	PGF-11958	As req'd	SHIM (.020)
15	313463	1	CUP, bearing
16	319010	1	CONE AND ROLLERS, bearing
18	PGF-16515	1	PINION AND GEAR HUB
19	PGF-15568	4	GASKET
20	PGF-15571	As req'd	SHIM (.005)
21	PGF-15570	As req'd	SHIM (.007)
22	PGF-15569	As req'd	SHIM (.020)
23	PGF-15497	2	CAP WITH CUP, bearing (includes 1 of Ref. 26)
25	312547	2	CONE AND ROLLERS, bearing
26	313208	2	CUP, bearing
27	PGF-15502	12	STUD
28	914006	12	NUT, huglock
29	PGF-9436	1	WIRE, lock
30	PGF-15499	8	BOLT, bevel gear
31A	PGF-16511	1	* GEAR, spiral bevel
31B	PGF-16511	1	* PINION, spiral bevel
34	PGF-12594	2	WASHER
35	PGF-17840	2	BEARING, ball
36	914009	4	NUT, huglock
37		2	@ CAP, bearing
38	PGF-15894	4	STUD
40	PGF-17801	1	GEAR AND HUB ASSEMBLY (includes Ref. Nos. 40A to 40D inclusive)
40A	PGF-16512	1	BULL GEAR
40B	PGF-17786	2	HUB
40C	PGF-15899	16	BOLT
40D	PGF-15900	16	NUT, huglock
41	HCF-6418	1	PLUG, gear carrier vent - top (not shown)
42			SHAFT, drive (see separate page)
43	PGF-17824	1	HOUSING, rear axle
45	PGF-13550	18	STUD
46	914007	18	NUT, huglock
47	PGF-15904	1	GASKET
48	PGF-15413	2	PIN, dowel
49	812004	1	PLUG, drain, countersunk head
50	PGF-18973	1	PLUG, filler and oil level, countersunk head (in axle housing - not shown)
51	PGF-18969	1	WASHER, nylon, filler and oil level - not shown.

Note: * Bevel gear and bevel pinion sold in matched sets only.

@ Bearing caps not sold separately. Order Ref. 2, PGF-17074, gear carrier.



(For Part Numbers,
see next page)

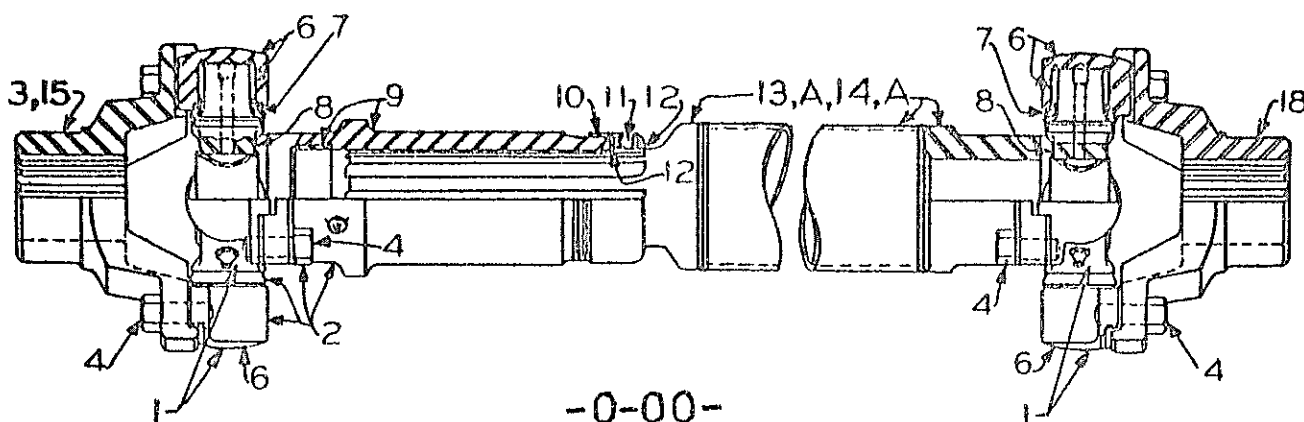
REAR AXLE GEAR CARRIER .
(On Pacer 400 and 500)

REAR AXLE GEAR CARRIER
(On Pacer 400 and 500)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGU-2732	1	REAR AXLE GEAR CARRIER GROUP (includes Ref. Nos. 2 to 41 inclusive)
2	PGF-17074	1	CARRIER, gear (includes Ref. Nos. 36, 37 & 38)
3	PGF-5240	1	SEAL, oil
4		1	YOKE, fitting (see prop. shaft page)
5	PGF-15446	1	WASHER
6	PGF-15449	1	NUT, slotted
7	PGF-18707	1	GASKET, washer
8	PGF-4852	1	WASHER, spline shaft
9	313448	1	CUP, bearing
10	312991	1	CONE AND ROLLERS, bearing
11	PGF-15646	1	RETAINER, oil
12	PGF-11957	As req'd	SHIM (.005)
13	PGF-11956	As req'd	SHIM (.007)
14	PGF-11958	As req'd	SHIM (.020)
15	313463	1	CUP, bearing
16	319010	1	CONE AND ROLLERS, bearing
18	PGF-16515	1	PINION AND GEAR HUB
19	PGF-15568	1	GASKET
20	PGF-15571	As req'd	SHIM (.005)
21	PGF-15570	As req'd	SHIM (.007)
22	PGF-15569	As req'd	SHIM (.020)
23	PGF-15497	2	CAP WITH CUP, bearing (includes 1 of Ref. 26)
25	312547	2	CONE AND ROLLERS, bearing
26	313208	2	CUP, bearing
27	PGF-15502	12	STUD
28	914006	12	NUT, huglock
29	PGF-9436	1	WIRE, lock
30	PGF-15499	8	BOLT, bevel gear
31A	PGF-16511	1	* GEAR, spiral bevel
31B	PGF-16511	1	* PINION, spiral bevel
34	PGF-12594	2	WASHER
35	311340	2	BEARING, ball
36	914009	4	NUT, huglock
37		2	@ CAP, bearing
38	PGF-15894	4	STUD
40	PGF-16513	1	GEAR AND HUB ASSEMBLY (includes Ref. Nos. 40A to 40D inclusive)
40A	PGF-16512	1	BULL GEAR
40B	PGF-15889	2	HUB
40C	PGF-15899	16	BOLT
40D	PGF-15900	16	NUT, huglock
41	HCF-6418	1	PLUG, gear carrier vent - top (not shown)
42			SHAFT, drive (see separate page)
43	PGF-17825	1	HOUSING, rear axle
45	PGF-13550	18	STUD
46	914007	18	NUT, huglock
47	PGF-15904	1	GASKET
48	PGF-15413	2	PIN, dowel
49	812004	1	PLUG, drain, countersunk head
50	PGF-18973	1	PLUG, filler and oil level, countersunk head (in axle housing - not shown)
51	PGF-18969	1	WASHER, nylon, filler and oil level - not shown.

Note: * Bevel gear and bevel pinion sold in matched sets only.

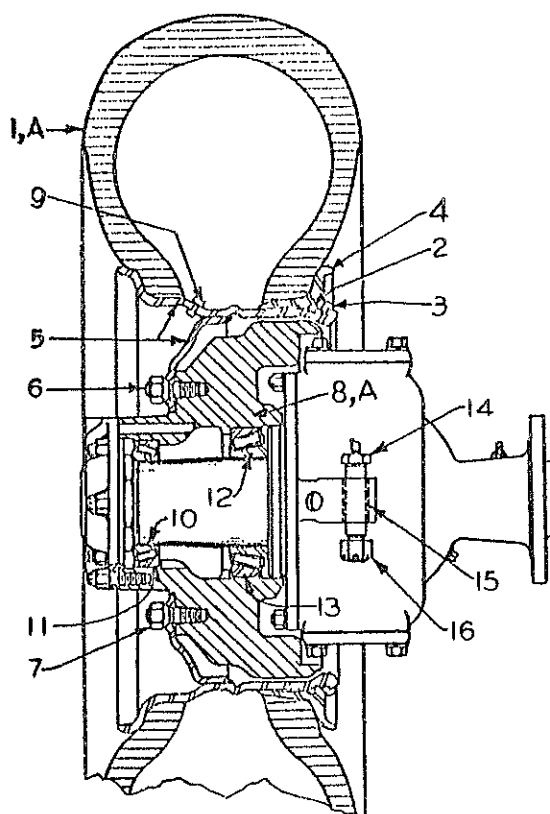
@ Bearing caps not sold separately. Order Ref. 2, PGF-17074, gear carrier.



Rear Axle End

REAR PROPELLER SHAFT
(From Transfer Case to Rear Axle Gear Carrier)
(On Pacer 400 - Super 400 - Super 500)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-17204	1	PROPELLER SHAFT, complete
00	PGF-18139	1	PROPELLER SHAFT, complete
1	PGF-8807-57	2	SPIDER AND BEARING GROUP (includes Ref. Nos. 6, 7 and 8 assembled)
2	465289	1	JOINT GROUP (includes Ref. Nos. 4 to 12 inclusive)
3	PGF-8537-58	2	YOKE, fitting (10 spline)
4	PGF-9717-55	16	CAPSCREW
6		8	BEARING GROUP (not sold separately. Order Ref. No. 1)
7	465149	8	WASHER, cork
8		2	SPIDER GROUP (not sold separately. Order Ref. No. 1)
9	465292	1	SLIP YOKE, with dust cup
10	465013	1	RETAINER, felt
11	465293	1	FELT
12	465294	2	WASHER, felt retainer
13	465290	1	PROPELLER TUBE AND JOINT GROUP (includes Ref. Nos. 4, 6, 7, 8 and 14)
13A	PGF-18139-55	1	PROPELLER TUBE AND JOINT GROUP (includes Ref. Nos. 4, 6, 7, 8 and 14A)
14	465291	1	PROPELLER TUBE GROUP
14A	465314	1	PROPELLER TUBE GROUP
15	PGF-18311-55	1	YOKE, fitting (27 spline on Ref. 00 only)



REAR AXLE STEERING KNUCKLE, WHEEL AND TIRE
(On Pacer 400)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1		1	TIRE (tubeless type), 14.00 x 24 - 12 ply
1A		1	TIRE (tubeless type), 16.00 x 24 - 12 ply
2	PGF-16797	1	"O" RING (for tubeless type tires)
3	PGF-16693	1	RING, locking
4	PGF-16694	1	RING, side
5	PGF-16695	1	WHEEL WITH RIM (less rings)
6	PGF-9591	10	STUD, wheel
7	PGF-7357	10	NUT, wheel stud
8	PG-2375	1	HUB, wheel
8A	PG-2515	1	HUB, wheel (Pacer 400 Sr.)
9	PGF-16791	1	VALVE STEM ASSEMBLY (for tubeless type tires)
10	312814	1	CONE AND ROLLERS, bearing
11	313366	1	CUP, bearing
12	312888	1	CONE AND ROLLERS, bearing
13	313407	1	CUP, bearing
14	PGF-8757	1	BOLT, fork
15	PGF-8753	1	BUSHING, knuckle flange
16	737010	1	NUT, slotted

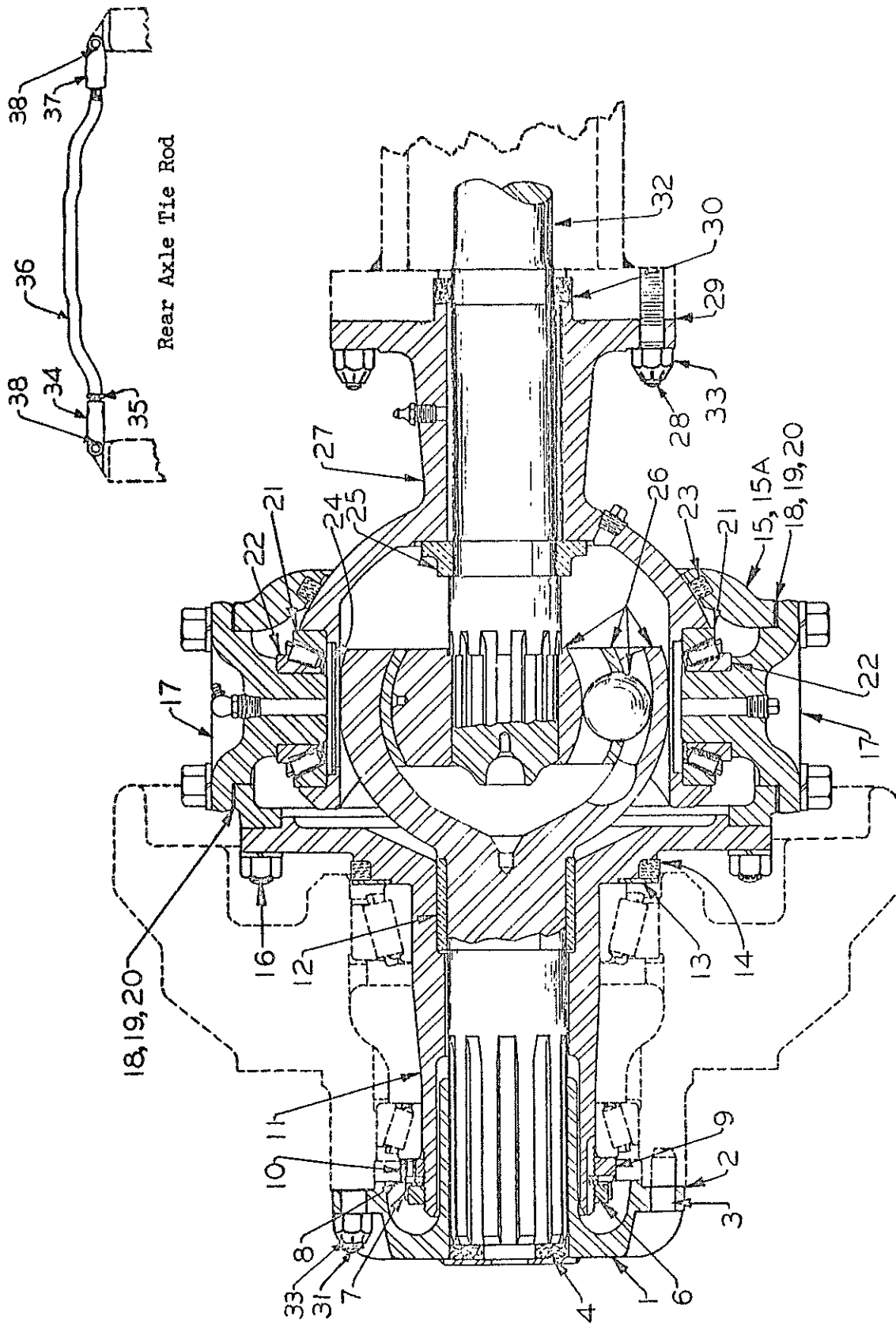
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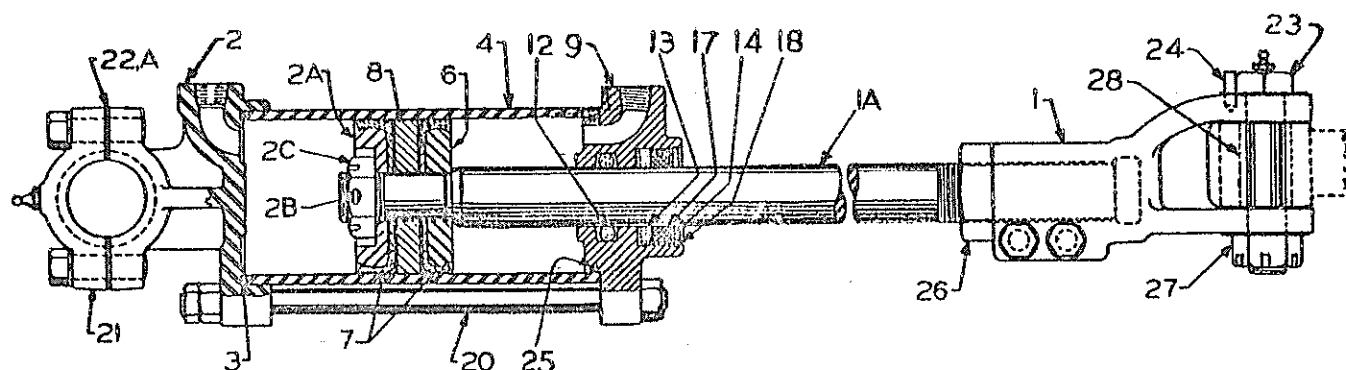
(For Part Numbers,
see next page)

REAR AXLE STEERING KNUCKLE, UNIVERSAL JOINT AND TIE ROD
(On Pacer 400)

REAR AXLE STEERING KNUCKLE, UNIVERSAL JOINT AND TIE ROD ON PACER 400
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-15537	1	HUB, driving
2	PGF-15591	1	GASKET
3	PGF-15413	2	PIN, dowel
4	PGF-7012	1	FELT
6	PGF-5436	1	NUT, lock
7	PGF-5439	1	WASHER, lock
8	PGF-5438	1	WASHER
9	PGU-5437	1	ADJUSTING NUT WITH PIN (includes Ref. No. 10)
10	PGF-3677	1	PIN, adjusting nut
11	PGF-15550	1	KNUCKLE, steering
12	PGF-5591	1	BUSHING, steering knuckle
13	PGF-4358	1	WASHER
14	PGF-4360	1	FELT
15	PGP-2524	1	FLANGE - L.H., knuckle - with two PGF-8753 bushings
15A	PGP-2410	1	FLANGE - R.H., knuckle - with one PGF-8753 bushing
16	PGF-13550	12	STUD
17	PGF-14727	2	CAP, steer bearing
18	PGF-4345	As req'd	SHIM - .005" thick
19	PGF-4346	As req'd	SHIM - .007" thick
20	PGF-4347	As req'd	SHIM - .020" thick
21	313380	2	CUP, bearing
22	312836	2	CONE AND ROLLERS, bearing
23	PGF-4362	1	FELT
24	PGF-4339-2	1	RETAINER, grease
25	PG-2123	1	RETAINER, axle
26	PGF-16177	1	* DRIVE JOINT GROUP
27	PGF-15505	1	SOCKET, trunnion
28	PGF-15888	8	STUD
29	PGF-12824	1	GASKET
30	194206	1	SEAL, oil
31	PGF-15534	8	STUD
32	PGF-14521	1	SHAFT, drive
33	914008	16	NUT, huglock
34	PG-2211	1	FORK (also order PGF-13270 pin)
35	PGF-3955	1	NUT, adjusting
36	HCF-2556	1	ROD, tie
37	PG-2212	1	FORK (also order PGF-13270 pin)
38	PGF-13270	2	PIN, locking (for fork bolt)

Note: * Drive joint repair parts not sold separately. Order complete drive joint group.



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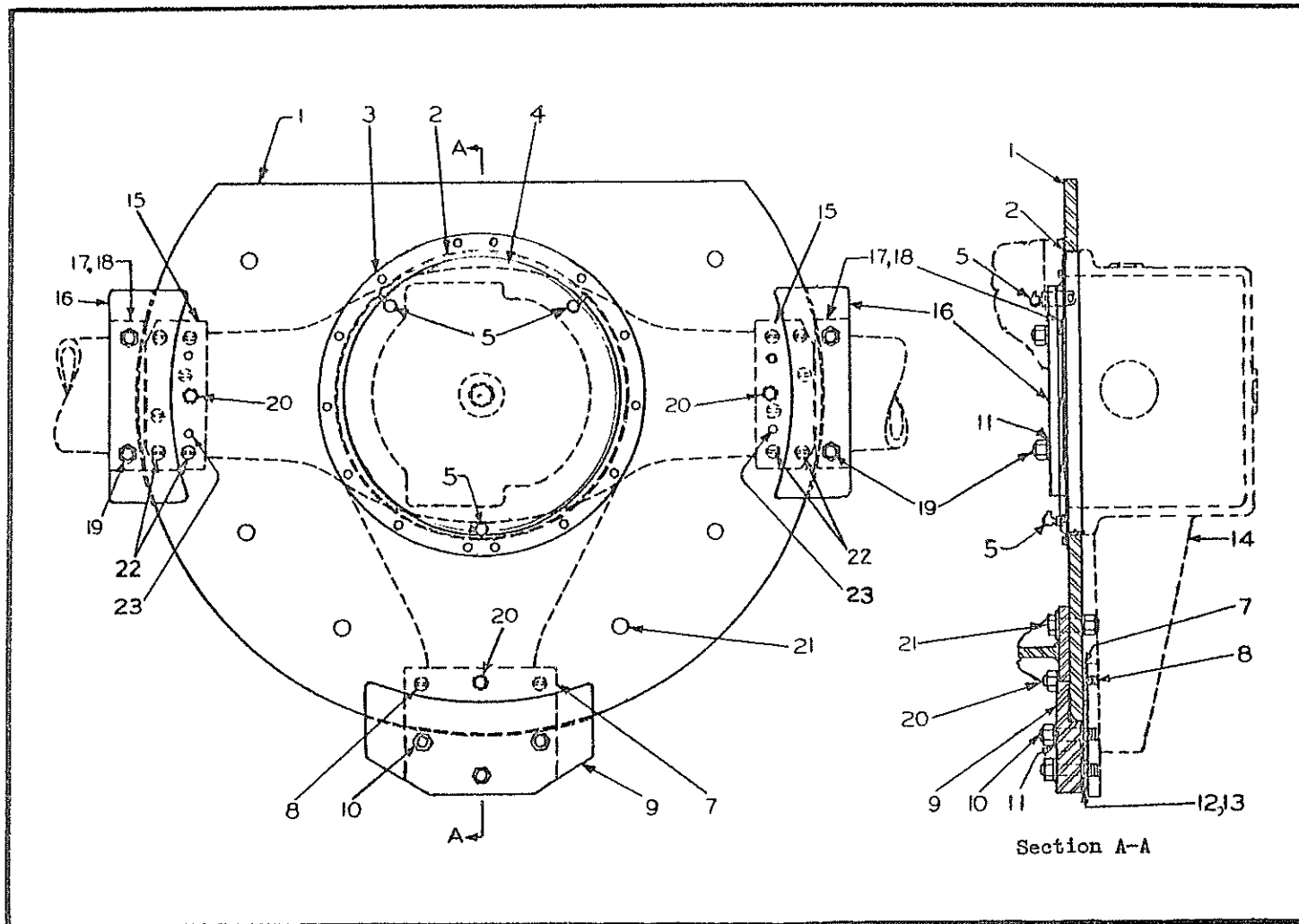
REAR AXLE STEERING RAM
(On Pacer 400)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2611	1	STEERING RAM GROUP (includes Ref. Nos. 1 to 26 inclusive except Ref. No. 23)
1	PG-2329	1	FORK, piston rod
1A	PGF-14573	1	ROD, piston
2	PG-2456	1	BASE
2A	PGF-10804	1	SPREADER, outer
2B	166038	1	PIN, cotter
2C	PGF-11546	1	NUT, slotted
3	PGF-9648-69	1	"O" RING
4	PGF-16434	1	CYLINDER
6	PGF-1158	1	SPREADER, inner
7	PGF-11753	2	CUP
8	PG-A-320	1	PISTON
9	PG-2463	1	HEAD
12	PGF-9648-28	1	"O" RING
13	PGF-6997	1	RING, felt wiper

(continued)

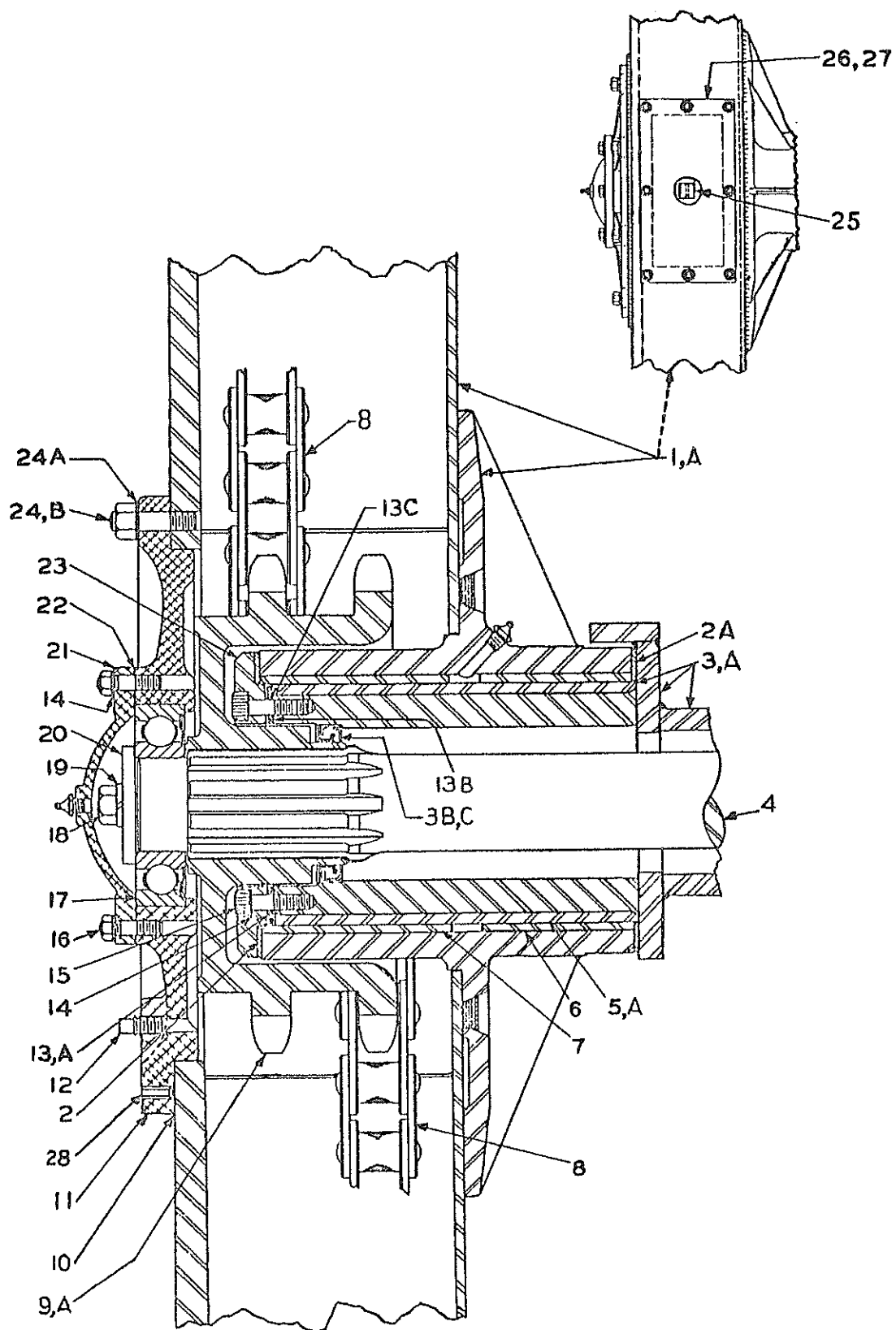
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REF. NO.	PART NO.	QUANTITY	DESCRIPTION
14	SFF-1093	1	WASHER
17	PGF-1699	1	WIPER
18	SFF-1095	1	RING, snap
20	PGF-16435	4	ROD, tie
21	PGF-9487	1	CAP, ball
22	MGF-1992	4	SHIM, ball cap - .024" thick
22A	PGF-11856	4	SHIM, ball cap - .010" thick
23	PGF-8757	1	BOLT, fork
24	PGF-13270	1	PIN
25	PGF-9648-1	1	"O" RING
26	726015	1	NUT, jam
27	737010	1	NUT, slotted
28	PGF-8753	1	BUSHING, knuckle flange



REAR AXLE CIRCLE ON SUPER 400 AND SUPER 500

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16628	1	PLATE, support
2	PGF-15903	1	BUSHING, support plate
3	PGF-16678	1	RETAINER, felt
4	PGF-15739	1	FELT
5	064540	3	FITTING, lubrication
7	PGF-14692	1	PLATE, wear - rear
8	743019	2	CAPSCREW
9	PGF-16975	1	GUIDE
10	PGF-16976	3	STUD
11	766014	7	WASHER, lock, external teeth
12	PGF-14697	As req'd	SHIM, guide - .010" thick
13	PGF-14696	As req'd	SHIM, guide - .030" thick
14			HOUSING, rear axle (see separate page)
15	PGF-15585	2	PLATE, wear - side
16	PGF-15574	2	GUIDE
17	PGF-15565	As req'd	SHIM, guide - .030" thick
18	PGF-15566	As req'd	SHIM, guide - .010" thick
19	PGF-14702	4	STUD
20	PGF-15242	3	STUD
21	PGF-17019	6	BOLT
22	743026	12	CAPSCREW
23	PGF-16361	4	PIN, dowel - for wear plate

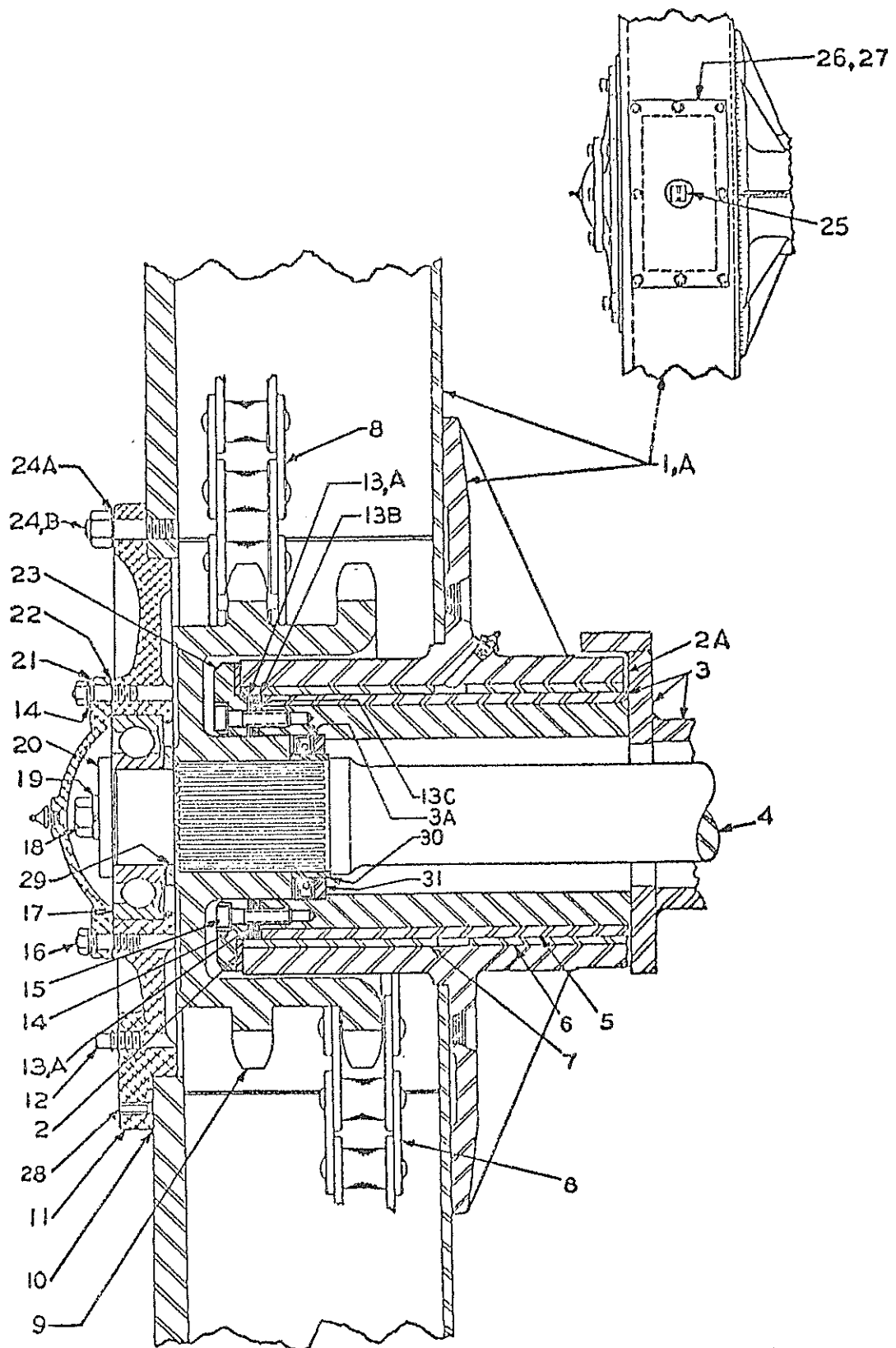


(For Part Numbers,
see next page)

REAR AXLE PIVOT CASE AND SHAFT
(On Super 400 and Super 500)

REAR AXLE PIVOT CASE AND SHAFT
(On Super 400 and Super 500)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-17659	1	PIVOT CASE WITH LINERS - L.H. (includes Ref. Nos. 6 and 7)
1A	PGF-17658	1	PIVOT CASE WITH LINERS - R.H. (includes Ref. Nos. 6 and 7)
2	PGF-11505	1	WASHER, thrust
2A	PGF-17228	1	WASHER, thrust
3	PGF-16622	1	REAR AXLE HOUSING WITH LINERS (includes Ref. No. 5)-(order Ref. No. 3A)
3A	PGF-17242	1	REAR AXLE HOUSING WITH LINERS (includes Ref. No. 5A)
3B	194204	1	SEAL, oil (1st type - 3-1/8" ID)-(used with Ref. No. 9)
3C	194340	1	SEAL, oil (2nd type - 3-1/4" ID)-(used with Ref. No. 9A)
4	PGF-16861	1	SHAFT, drive
5	PGF-14806	1	LINER, rear axle housing (9" long - used with Ref. No. 3)
5A	PGF-17229	1	LINER, rear axle housing (8-29/32" long - used with Ref. No. 3A)
6	PGF-14804	1	LINER, inner, pivot case
7	PGF-14805	1	LINER, outer, pivot case
8	PGF-16686	2	CHAIN, drive
9	PGF-15760	1	SPROCKET, double (1st type - uses oil seal Ref. 3B)
9A	PGF-16859	1	SPROCKET, double (2nd type - uses oil seal Ref. 3C)
10	PGF-13527	1	GASKET, bearing housing
11	PG-2284	1	HOUSING, bearing
12	810001	1	PLUG, pipe, oil level
13	PGF-14420	3	SHIM (.010)
13A	PGF-12128	2	SHIM (.024)
13B	PGF-9648-47	1	"O" RING
13C	PGF-14419	1	WASHER
14	766009	16	WASHER, lock, external teeth
15	819029	10	CAPSCREW, hex-socket head
16	ASF-7738	6	STUD
17	311270	1	BEARING, ball
18	742786	1	BOLT
19	778015	1	WASHER, lock
20	PGF-10986	1	WASHER
21	PG-2115	1	CAP, bearing
22	PGF-10982	1	GASKET
23	PGF-12131	1	RETAINER, pivot case
24	PGF-13516	6	STUD (top and bottom)
24A	766013	6	WASHER, lock, external teeth (top and bottom)
24B	PGF-13647	6	SCREW, ctsk. hex-socket head (for ends)
25	PGF-15330	1	PLUG, vent and oil filler
26	PGF-16781	1	COVER, pivot case, inspection hole - (center)
27	PGF-16779	1	GASKET, cover, pivot case
28	798130	2	SETSCREW, hex-socket, round point

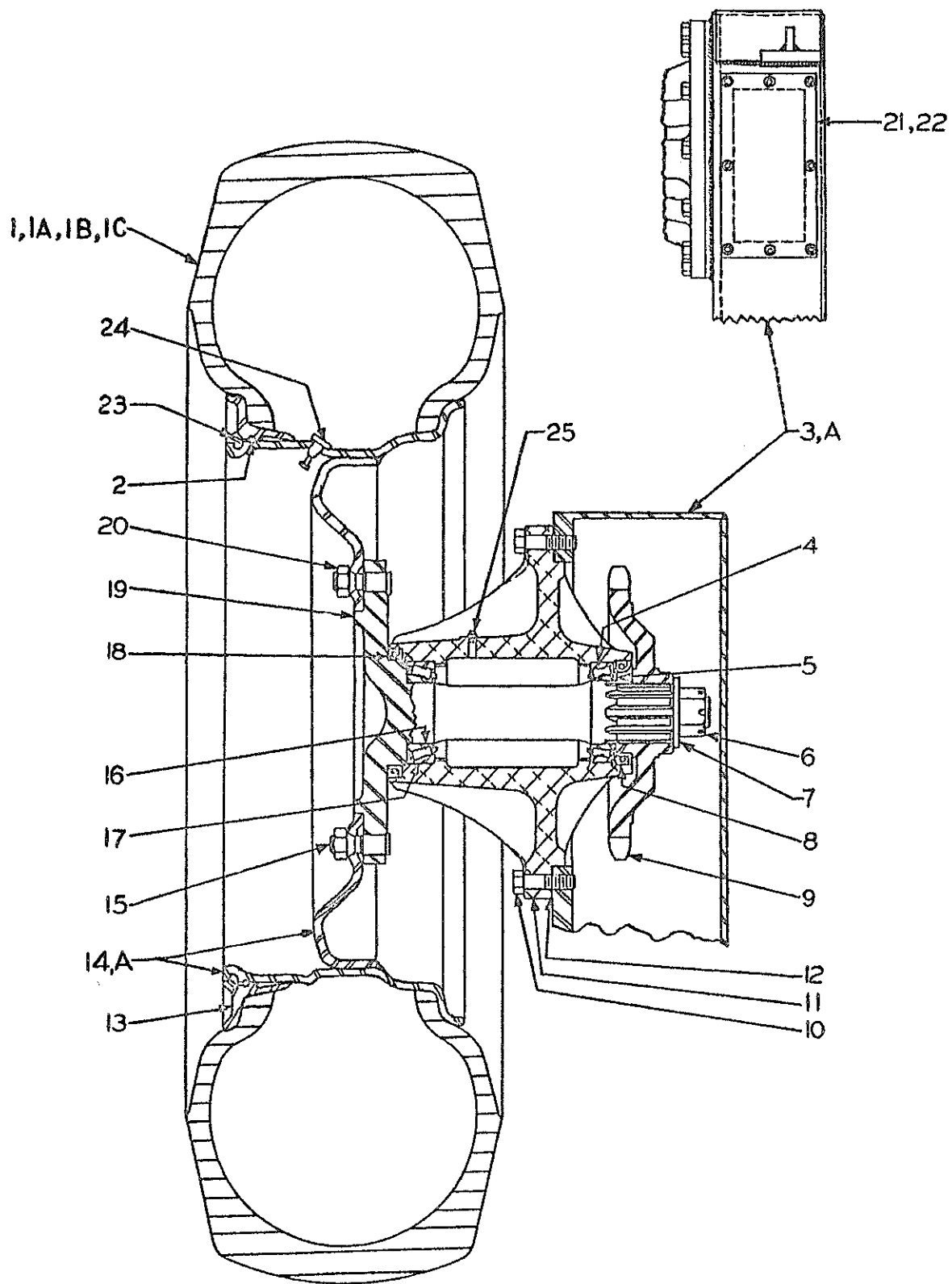


(For Part Numbers,
see next page)

REAR AXLE PIVOT CASE AND SHAFT
(On Super 400 and Super 500)
(2" Pitch Chain)

REAR AXLE PIVOT CASE AND SHAFT
(On Super 400 and Super 500)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-17659	1	PIVOT CASE WITH LINERS - L.H. (includes Ref. Nos. 6 and 7)
1A	PGF-17658	1	PIVOT CASE WITH LINERS - R.H. (includes Ref. Nos. 6 and 7)
2	PGF-11505	1	WASHER, thrust
2A	PGF-17228	1	WASHER, thrust
3	PGF-17824	1	REAR AXLE HOUSING
3A	194412	1	SEAL, oil
4	PGF-18654	1	SHAFT, drive
5	PGF-17229	1	LINER, rear axle housing (8-29/32" long)
6	PGF-14804	1	LINER, inner, pivot case
7	PGF-14805	1	LINER, outer, pivot case
8	PGF-17667	2	CHAIN, drive (2" pitch)
9	PGF-18653	1	SPROCKET, double (2" pitch)
10	PGF-13527	1	GASKET, bearing housing
11	PG-2284	1	HOUSING, bearing
12	810001	1	PLUG, pipe, oil level
13	PGF-14420	3	SHIM (.010)
13A	PGF-12128	2	SHIM (.024)
13B	PGF-9648-47	1	"O" RING
13C	PGF-14419	1	WASHER
14	766009	16	WASHER, lock, external teeth
15	983207	10	CAPSCREW, hollow head
16	ASF-7738	6	STUD
17	311270	1	BEARING, ball
18	742787	1	BOLT
19	778015	1	WASHER, lock
20	PGF-10986	1	WASHER
21	PG-2115	1	CAP, bearing
22	PGF-10982	1	GASKET
23	PGF-12131	1	RETAINER, pivot case
24	PGF-13516	6	STUD, (top and bottom)
24A	766013	6	WASHER, lock, external teeth (top and bottom)
24B	PGF-13647	6	SCREW, ctsk. hex-socket head (for ends)
25	PGF-15330	1	PLUG, vent and oil filler
26	PGF-16781	1	COVER, pivot case, inspection hole - (Center)
27	PGF-16779	1	GASKET, cover, pivot case
28	798130	2	SETSCREW, hex-socket, round point
29	PGF-18660	1	WASHER, axle end
30	PGF-18661	1	RING, seal
31	PGF-19288	1	WASHER

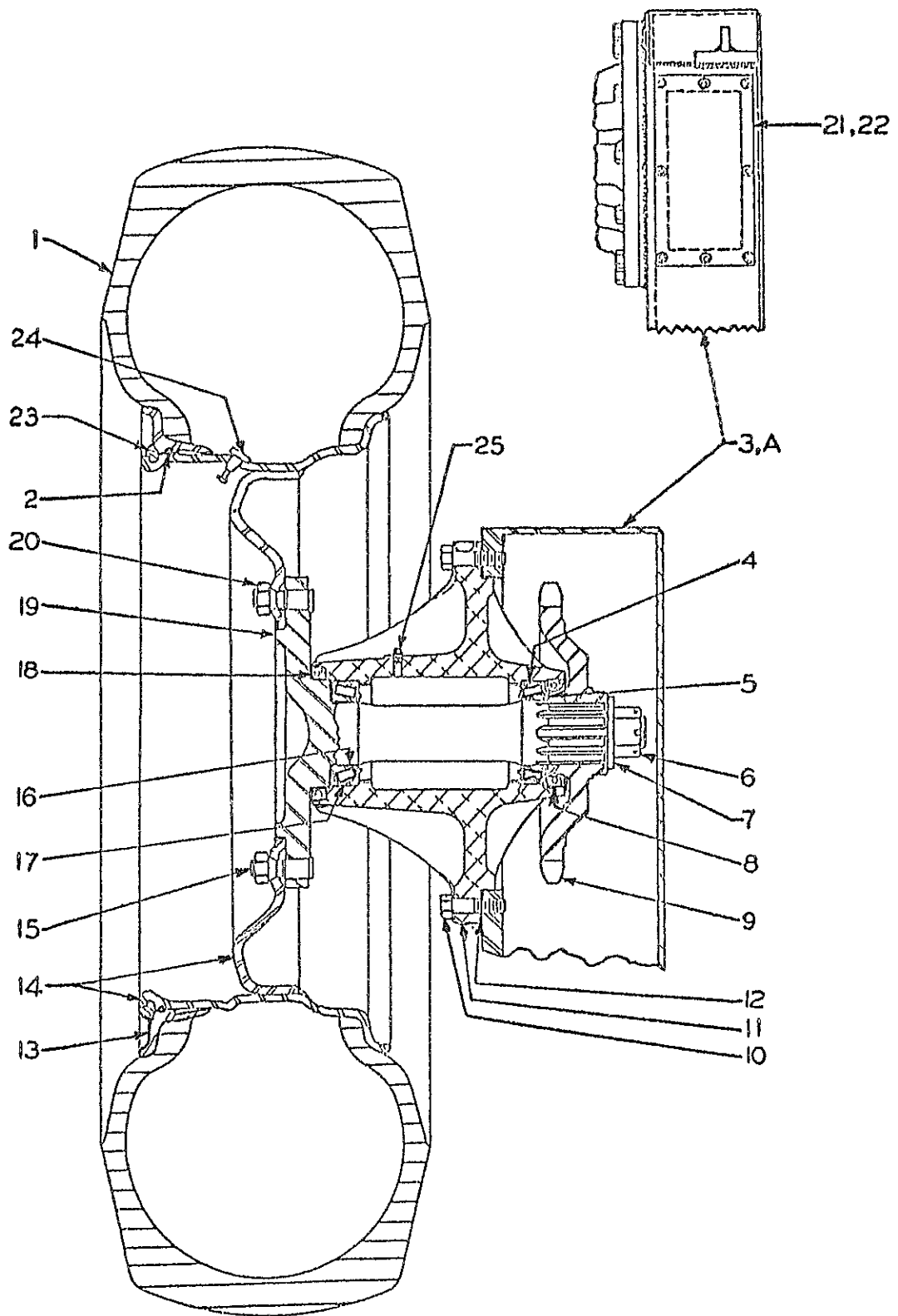


(For Part Numbers,
see next page)

REAR WHEEL AND AXLE ASSEMBLY
(On Super 400 and Super 500)

REAR WHEEL AND AXLE ASSEMBLY ON SUPER 400 AND SUPER 500
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1		1	TIRE (tubeless type), 13.00 x 24 - 12 ply
1A		1	TIRE (tubeless type), 14.00 x 24 - 10 ply
1B		1	TIRE (tubeless type), 14.00 x 24 - 12 ply
1C		1	TIRE (tubeless type), 16.00 x 24 - 12 ply
2	PGF-16797	1	O-RING (for tubeless type tires)
3			PIVOT CASE WITH LINERS - L.H. (see separate page)
3A			PIVOT CASE WITH LINERS - R.H. (see separate page)
4	313452	1	CUP, bearing
5	312995	1	CONE AND ROLLERS, bearing
6	734013	1	NUT, wheel axle
7	PGF-9895	1	WASHER
8	194256	1	SEAL, oil
9	PGF-10993	1	SPROCKET, wheel axle
10	PGF-12166	12	CAPSCREW, self locking
11	PGU-2575	1	WHEEL AXLE HUB WITH CUPS (includes Ref. Nos. 4 and 17)
12	PGF-11007	1	GASKET
13	PGF-16694	1	RING, side
14	PGF-16793	1	WHEEL WITH RIM (less rings) (13.00 tire)
14A	PGF-16695	1	WHEEL WITH RIM (less rings) (14.00 and 16.00 tires)
15	PGF-16541	10	STUD, wheel
16	319011	1	CONE AND ROLLERS, bearing
17	313461	1	CUP, bearing
18	194326	1	SEAL, oil
19	PGF-15681	1	AXLE, wheel
20	PGF-7357	10	NUT, wheel stud
21	PGF-16780	2	COVER, pivot case, inspection hole - (ends)
22	PGF-16779	2	GASKET, cover, pivot case
23	PGF-16693	1	RING, locking
24	PGF-16791	1	VALVE STEM ASSEMBLY (for tubeless type tires)
25	813000	1	PLUG, pipe

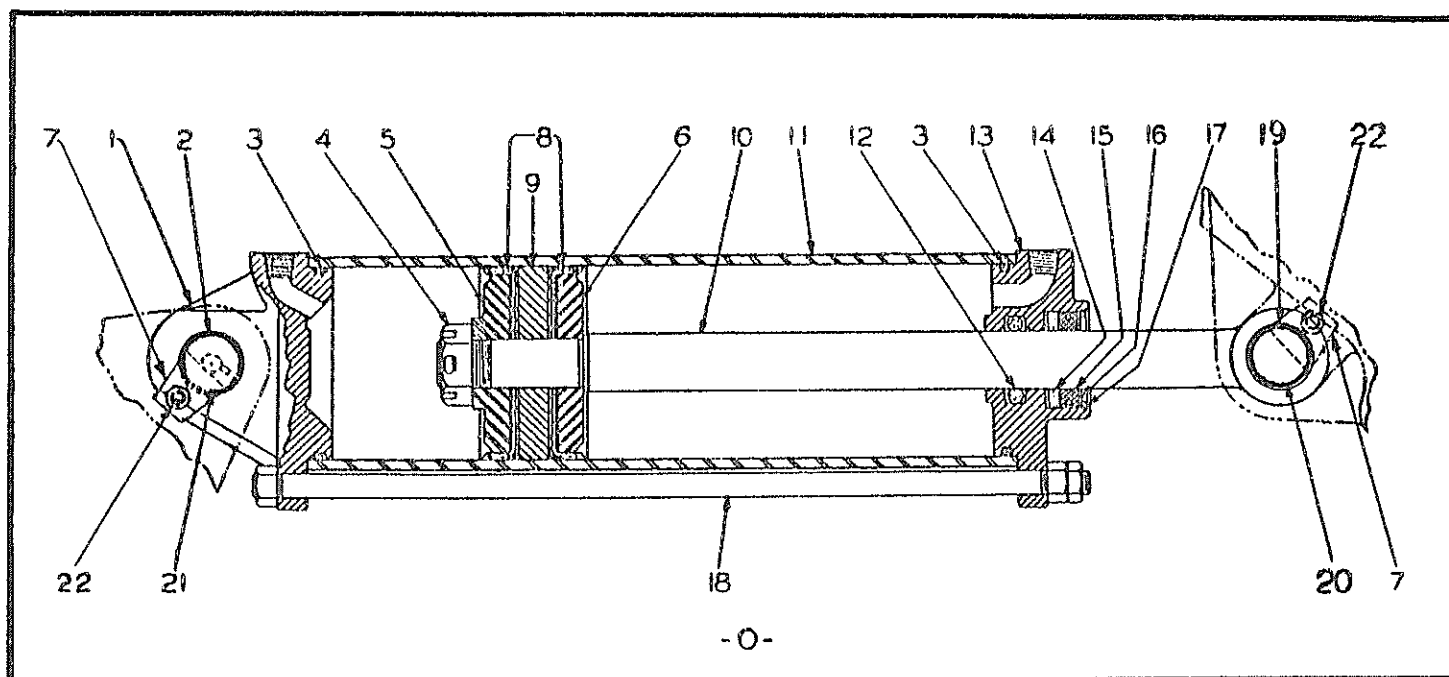


(For Part Numbers,
see next page)

REAR WHEEL AND AXLE ASSEMBLY
(On Super 400 and Super 500)
(2" Pitch Chain)

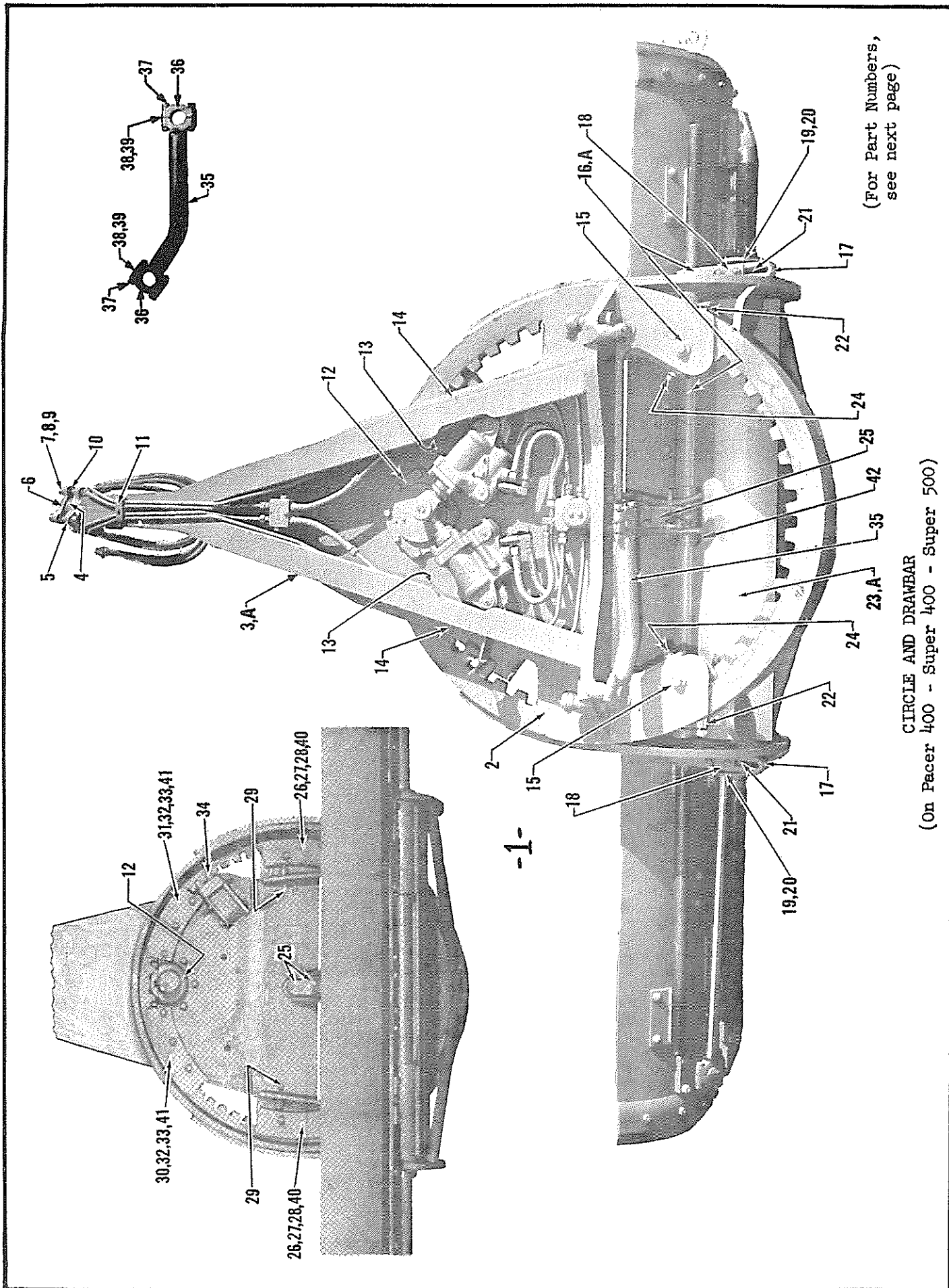
REAR WHEEL AND AXLE ASSEMBLY ON SUPER 400 AND SUPER 500
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1		1	TIRE (tubeless type), 13.00 x 24 - 12 ply
2	PGF-16797	1	"O" RING (for tubeless type tires)
3			PIVOT CASE WITH LINERS - L.H. (see separate page)
3A			PIVOT CASE WITH LINERS - R.H. (see separate page)
4	313452	1	CUP, bearing
5	312995	1	CONE AND ROLLERS, bearing
6	734013	1	NUT, wheel axle
7	PGF-17798	1	WASHER
8	194256	1	SEAL, oil
9	PGF-17778	1	SPROCKET, wheel axle (2" pitch)
10	PGF-12166	12	CAPSCREW, self-locking
11	PGU-2575	1	WHEEL AXLE HUB WITH CUPS (includes Ref. Nos. 4 and 17)
12	PGF-11007	1	GASKET
13	PGF-16694	1	RING, side
14	PGF-16793	1	WHEEL WITH RIM (less rings)
15	PGF-16541	10	STUD, wheel
16	319011	1	CONE AND ROLLERS, bearing
17	313461	1	CUP, bearing
18	194326	1	SEAL, oil
19	PGF-18293	1	AXLE, wheel
20	PGF-7357	10	NUT, wheel stud
21	PGF-16780	2	COVER, pivot case, inspection hole - (ends)
22	PGF-16779	2	GASKET, cover, pivot case
23	PGF-16693	1	RING, locking
24	PGF-16791	1	VALVE STEM ASSEMBLY (for tubeless type tires)
25	813000	1	PLUG, pipe



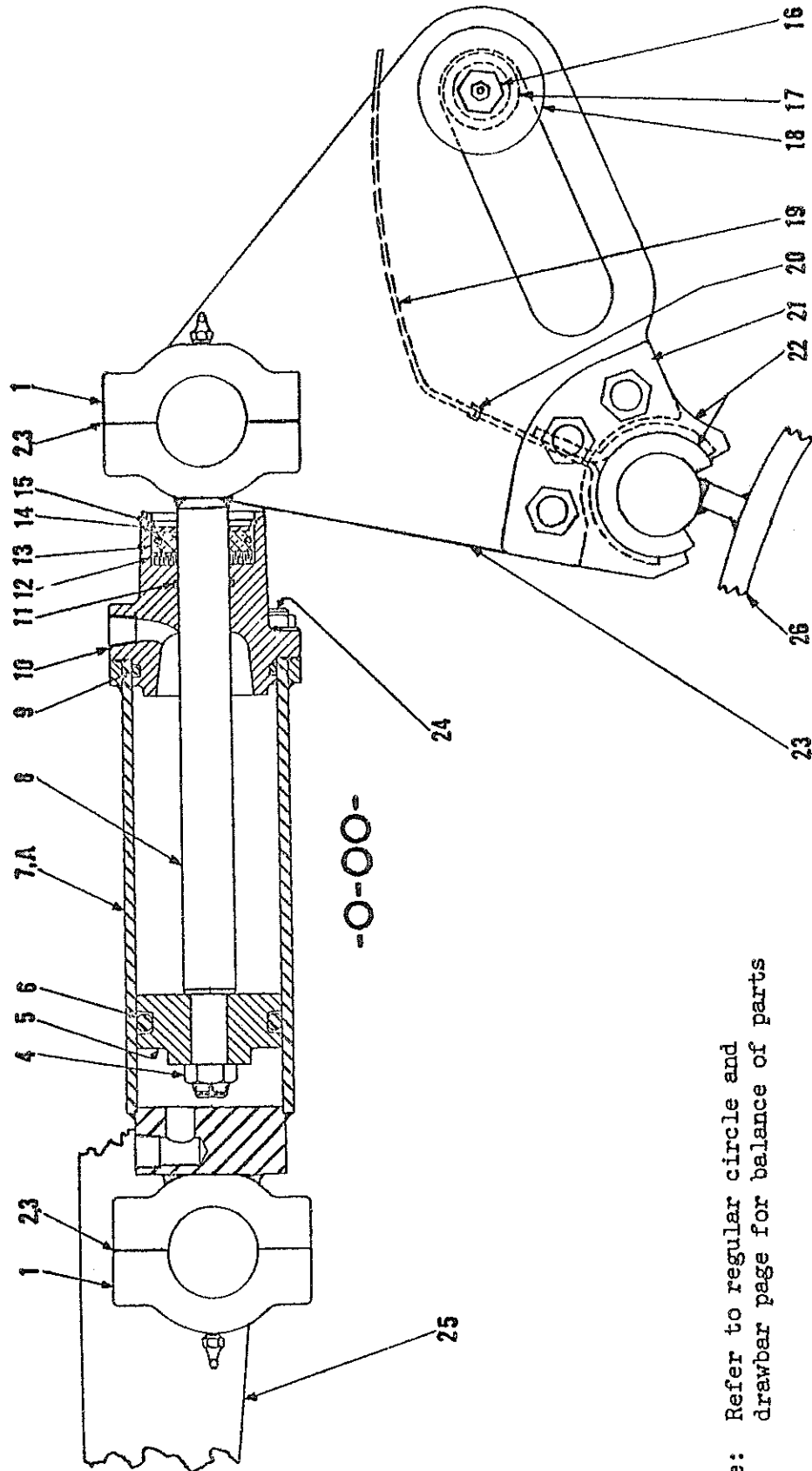
REAR AXLE STEERING RAM
(On Super 400 & Super 500)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2733	2	STEERING RAM GROUP (includes Ref. Nos. 1 to 18 inclusive)
1	PGP-1993	1	BASE WITH BUSHING (includes Ref. No. 2)
2	PGF-10455	1	BUSHING, ram base
3	PGF-9648-14	2	"O" RING
4	734013	1	NUT, slotted
5	PGF-11082	1	SPREADER, outer
6	PGF-11083	1	SPREADER, inner
7	PGF-16552	2	KEEPER, for pin
8	PGF-11774	2	CUP
9	PG-A-2003	1	PISTON
10	PGF-15715	1	ROD, piston
11	PGF-15564	1	CYLINDER
12	PGF-9648-28	1	"O" RING
13	PG-1992	1	HEAD
14	PGF-6997	1	FEELT
15	PGF-1699	1	WIPER
16	SFF-1093	1	WASHER
17	SFF-1095	1	RING, snap
18	PGF-12625	4	ROD, tie
19	PGF-16496	1	BUSHING, ram head
20	PGF-16555	1	PIN, ram head
21	PGF-16612	1	PIN, ram base
22	PGF-15584	2	STUD



CIRCLE AND DRAWBAR
(On Pacer 400 - Super 400 - Super 500)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1		1	CIRCLE AND DRAWBAR GROUP (no blade)
2	PGF-18978	1	CIRCLE GROUP (includes Ref. Nos. 19, 20 and 21)
3	PGF-16845	1	CIRCLE DRAWBAR GROUP (includes Ref. Nos. 4 and 5)-(with hydraulic type circle latch)
3A	PGF-16860	1	CIRCLE DRAWBAR GROUP (includes Ref. Nos. 4 and 5)-(with solenoid type circle latch)
4	PGF-9236-3	1	BALL (welds on)
5	PG-2059	1	CAP, ball (in drawbar assembly)
6	PG-2060	1	SOCKET, ball
7	PGF-11874	4	STUD
8	738009	8	NUT, stud
9	778019	8	WASHER, lock, stud nut
10	HTF-367	12	SHIM, ball cap
11	PGF-9529	1	CLAMP, tube
12			HUB, pinion support, circle front (see separate page)
13	PGF-11680	2	CLAMP, tube
14	742890	2	BOLT
15	PGF-10607	6	WASHER
16	PGF-15719	1	TUBE AND TILTING LINKS (includes Ref. No. 17)
16A	PGF-18198	1	TUBE AND TILTING LINKS (includes Ref. No. 17)-(effective R400-1150)
17	PGF-15719-1	2	LINK, tilt (welds on)
18	PGF-11931	2	WASHER, plate, anchor lug
19	PGF-12993-1	2	PLATE, anchor lug stud (welds on)
20	PGF-12993-2	2	STUD, anchor lug (welds on)
21	PG-2065	2	LUG, anchor (in circle assembly)
22	PGF-8779	2	CLAMP, ram shield
23	PGF-9752	1	SHIELD, ram
23A	PGF-17983	1	SHIELD, ram (effective R400-1150)
24	755153	2	SETSCREW, cup point
25			CIRCLE REVERSE JUNCTION BLOCK WITH PLUG AND ROTATING LINKAGE (see hydraulic piping page)
26	PGF-9620	2	SUPPORT, rear circle
27	PGF-10414	As req'd	SHIM, rear circle support (.015)
28	PGF-10413	As req'd	SHIM, rear circle support (.030)
29	755288	2	SETSCREW, cup point
30	PGF-9618	1	SUPPORT, front circle - right hand
31	PGF-9617	1	SUPPORT, front circle - left hand
32	PGF-8948	As req'd	SHIM, front circle support (.015)
33	PGF-8949	As req'd	SHIM, front circle support (.032)
34			LATCH, circle (see separate page)
35	PGF-9244	1	LINK, high lift
36	PGF-9487	2	CAP, ball
37	PGF-10231	4	STUD, ball cap
38	PGF-11856	8	SHIM, ball cap (.010)
39	MGF-1992	4	SHIM, ball cap (.024)
40	PGF-17589	2	SPACER, rear circle support
41	PGF-17590	2	SPACER, front circle support
42	PGF-16337-3	1	MOLDING (ram shield cutout)
43	PGF-17732	1	CLAMP (blade side shift hose)



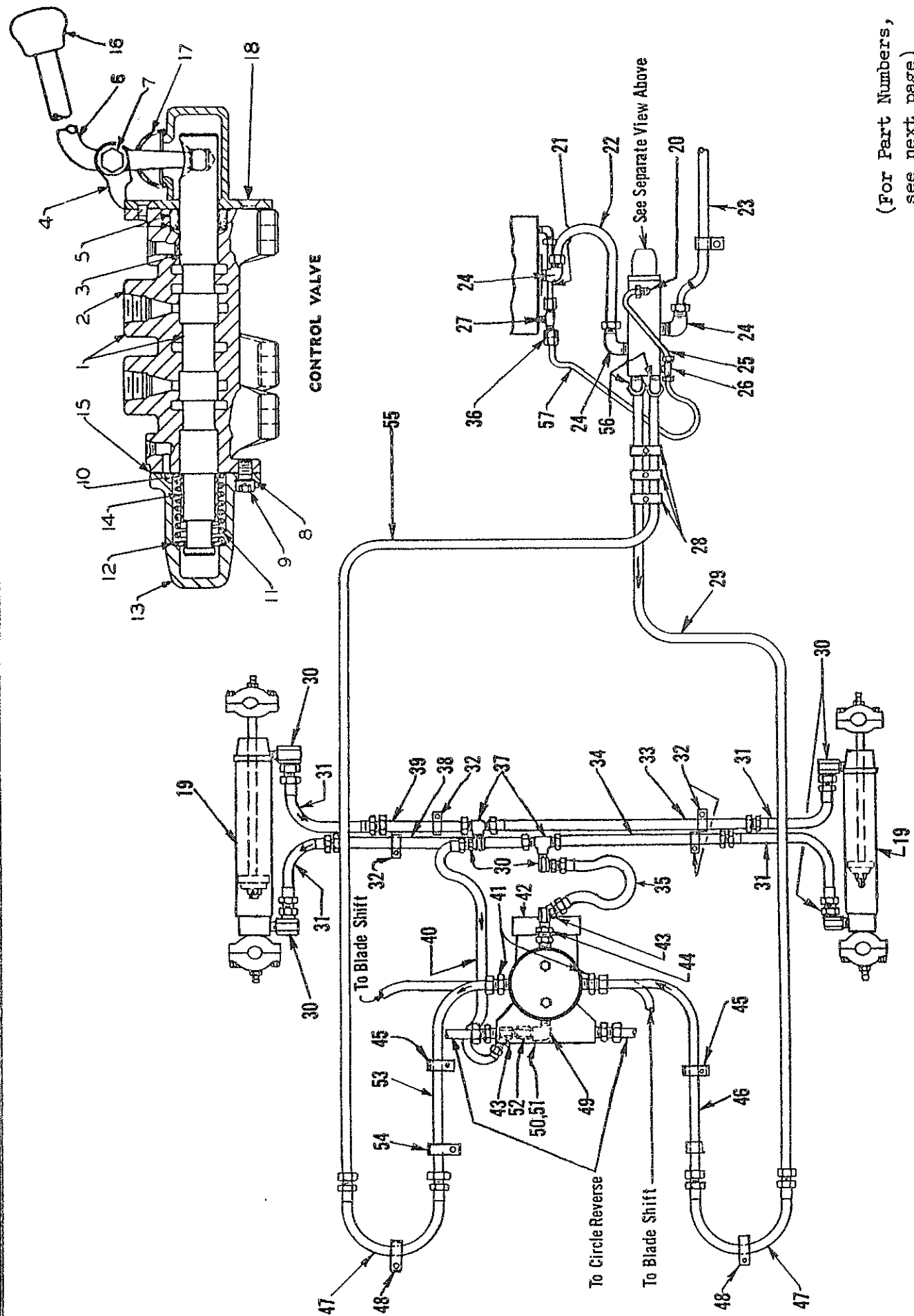
Note: Refer to regular circle and
drawbar page for balance of parts

(For Part Numbers,
see next page)

RAM, CIRCLE AND ARMS FOR POWER BLADE TILT
(For Pacer 400 - Super 400 - Super 500)

RAM, CIRCLE AND ARMS FOR POWER BLADE TILT
 (For Pacer 400 - Super 400 - Super 500)
 (For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2612	2	RAM GROUP (includes Ref. Nos. 1 to 15 inclusive and Ref. No. 24)-(7-3/32 stroke)
00	PGU-8416	2	RAM GROUP (includes Ref. Nos. 1 to 15 inclusive and Ref. No. 24)-(5-9/32 stroke)
1	PGF-9487	2	CAP
2	MGF-1992	2	SHIM (.024)
3	PGF-11856	2	SHIM (.010)
4	911008	1	NUT, huglock
5	AS-1076	1	PISTON
6	PGF-9648-12	1	"O" RING, piston
7	PGF-16250	1	CYLINDER (14" long to center line of ball)- (for Ref. 0)
7A	PGF-16653	1	CYLINDER (12" long to center line of ball)- (for Ref. 00)
8	PGF-16251	1	ROD, piston
9	PGF-9648-13	1	"O" RING, large, ram head
10	AS-1078	1	HEAD
11	PGF-9648-16	1	"O" RING, small, ram head
12	PGF-7022	1	SEAL, felt
13	PGF-7026	1	WIPER
14	PGF-13171	1	WASHER
15	PGF-4515	1	RING, snap
16	PGF-16256	2	BOLT
17	PGF-16252	2	BUSHING
18	PGF-16253	2	RETAINER, for Ref. No. 17
19	PGF-16323	1	SHIELD
20	PGF-16337-1	1	MOLDING, rubber, for Ref. No. 19
21	PGF-16338	4	SHIM (between Ref. Nos. 22 and 23)
22	PGF-16254	1	TILT ARM, R.H.
23	PGF-16260	1	TILT ARM, L.H.
24	HCF-1350	4	STUD
25	PGF-18979	1	CIRCLE (welded unit)
26		1	MOLDBOARD (see separate page)



(For Part Numbers,
see next page)

POWER BLADE TILT HYDRAULIC PARTS
(For Pacer 400 - Super 400 - Super 500)

POWER BLADE TILT HYDRAULIC PARTS
(For Pacer 400 - Super 400 - Super 500)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGU-1800	1	BODY WITH VALVE (includes Ref. Nos. 2 and 3)
2		1	% VALVE BODY
3		1	% VALVE PLUG (movable)
4	PG-2363	1	SUPPORT, valve lever
5	HCF-5980	2	SEAL, oil
6	PGF-16199	1	LEVER, valve
7	PGF-16346	1	BOLT
8	HCF-373	4	WASHER
9	819133	4	CAPSCREW
10	PGF-8785	1	WASHER
11	PGF-8775	1	SPRING
12	PGF-8780	1	WASHER
13	AS-1010	1	CAP
14	PGF-8781	1	SLEEVE
15	ASF-5105	1	GASKET
16	PG-1400	1	BALL
17	PGF-15741	1	BOOT
18	PGF-16325	2	SCREW, flat head socket RAM (see separate page)
19			
20	PGF-10144-3	1	ELBOW
21		1	TUBE ASSEMBLY (see main hydraulic piping)
22	PGF-16306	1	**** TUBE ASSEMBLY
23	PGF-16895	1	*** TUBE ASSEMBLY
24	PGF-10144-8	3	ELBOW
25	PGF-16287	1	** TUBE ASSEMBLY
26	PGF-10147-3	1	TEE
27	PGF-10147-5	1	TEE
28	PGF-11680	3	CLAMP
29	PGF-16301	1	* TUBE ASSEMBLY
30	PGF-12282-5	6	SWIVEL ELBOW - 90°
31	PGF-16309	2 or 4	HOSE ASSEMBLY (10-3/4" overall length)
31A	PGF-10517	2	HOSE ASSEMBLY (11-7/8" overall length)
32	PGF-16319	4	CLIP
33	PGF-16312	1	* TUBE ASSEMBLY
34	PGF-16313	1	* TUBE ASSEMBLY
35	HCF-1135	1	HOSE ASSEMBLY (36" overall length)
36	PGF-10151-4	1	ADAPTER
37	PGF-10186-7	2	TEE
38	PGF-16315	1	* TUBE ASSEMBLY
39	PGF-16314	1	* TUBE ASSEMBLY
40	PGF-16317	1	HOSE ASSEMBLY (44-1/2" overall length)
41	PGF-10143-7	2	COUPLING
42	PGF-16259	1	CONNECTOR PLATE, swivel body
43	PGF-12287-4	2	SWIVEL ELBOW - 45°
44	HCF-1568-6	1	UNION, adapter
45	PGF-16304	2	CLIP
46	PGF-16320	1	* TUBE ASSEMBLY
47	PGF-16293	2	HOSE ASSEMBLY (79-1/4" overall length)
48	PGF-16300	2	CLIP
49	PGF-12291-3	1	ELBOW, street
50	PG-2458	1	BODY, swivel junction valve
51	PGF-16258	1	PLUG, swivel valve
52	PGF-10893	1	FITTING
53	PGF-16321	1	* TUBE ASSEMBLY
54	PGF-16298	1	CLIP
55	PGF-16302	1	* TUBE ASSEMBLY
56	PGF-10144-7	2	ELBOW
57	PGF-16288	1	** TUBE ASSEMBLY

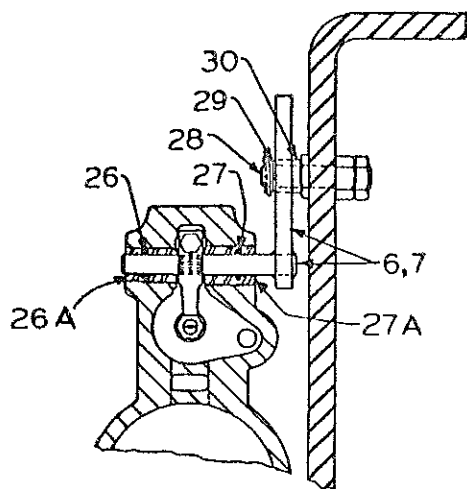
Note: * Includes two PGF-9496-7 sleeves and two PGF-9497-7 nuts.

** Includes two PGF-9496-3 sleeves and two PGF-9497-3 nuts.

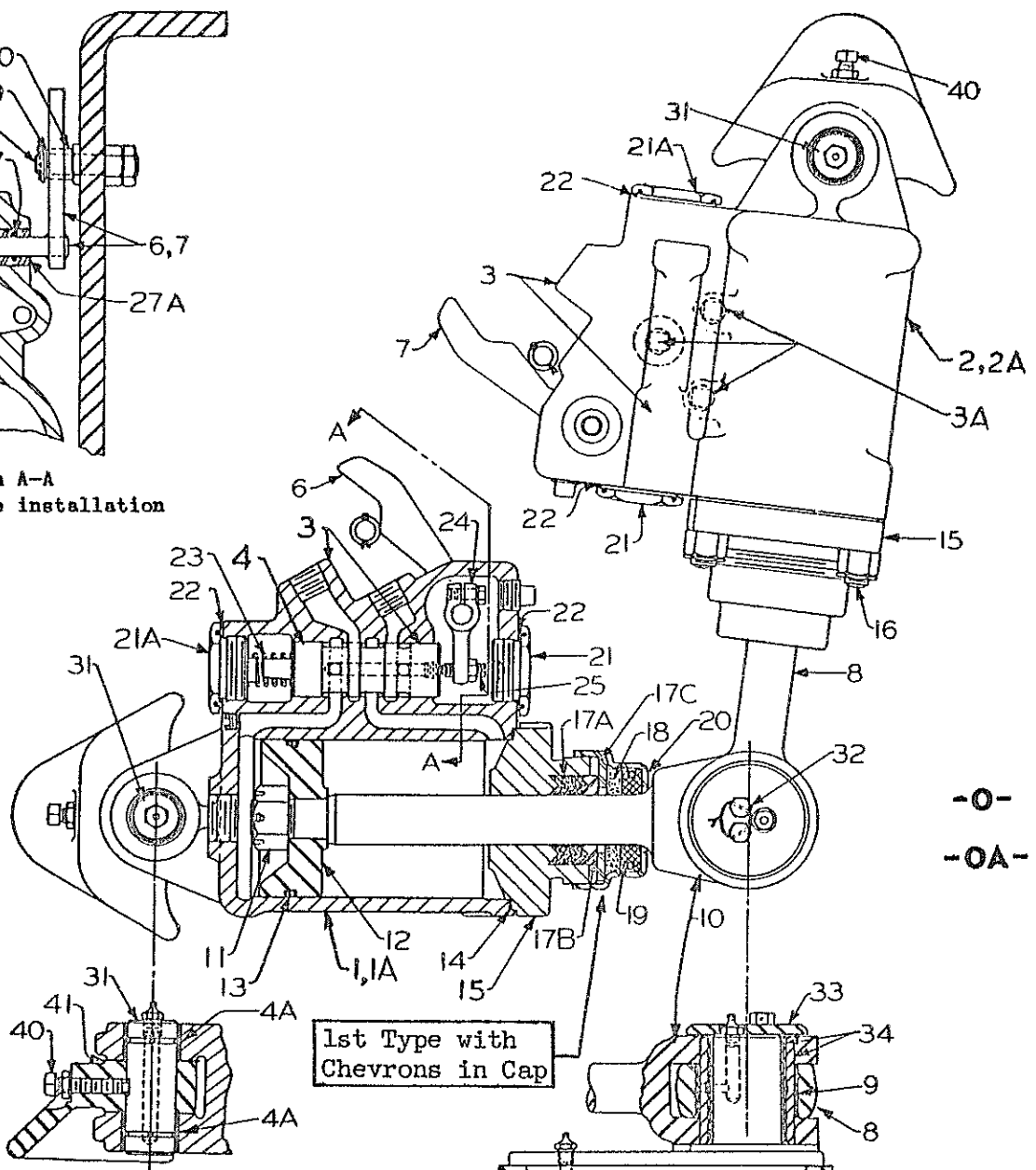
*** Includes two PGF-9496-8 sleeves, one PGF-9496-10 sleeve, one PGF-9497-10 nut and one PGF-9497-8 nut.

**** Includes two PGF-9496-8 sleeves and two PGF-9497-8 nuts.

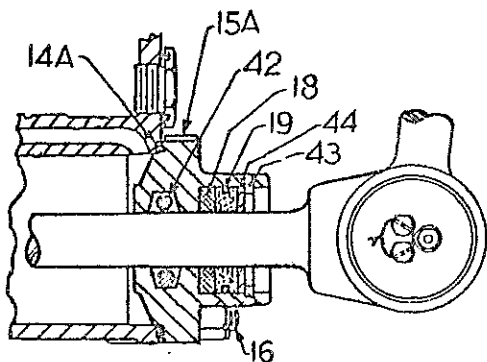
% Indicates parts not sold separately. Order Ref. No. 1 - PGU-1800, Body with valve, from your nearest BLH Austin-Western Distributor.



Section A-A
Cam lever sleeve installation



1st Type with
Chevrons in Cap



2nd Type with
"O" Rings in Cap

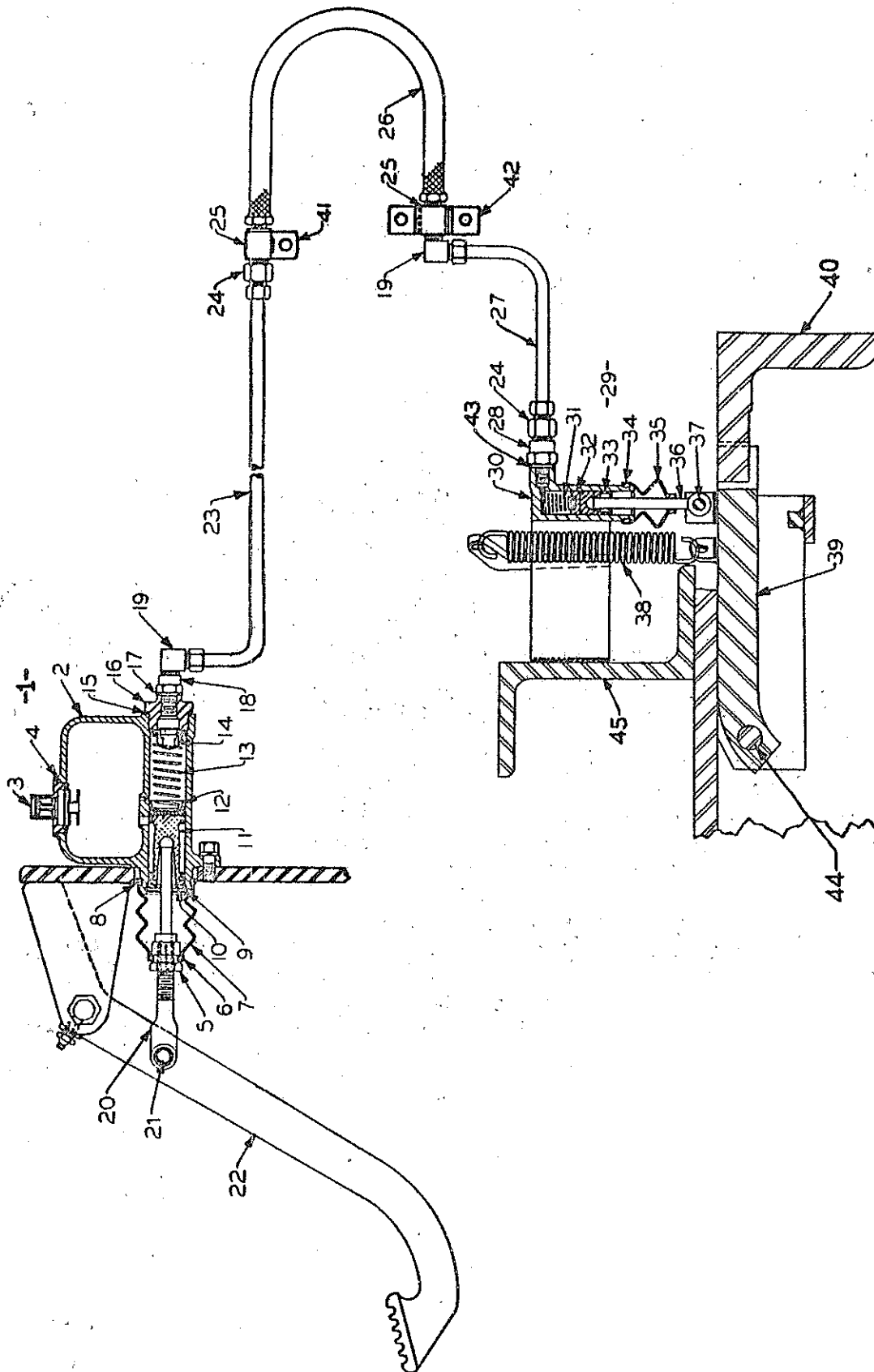
(For Part Numbers,
see next page)

CIRCLE REVERSE HYDRAULIC MOTOR
(On Pacer 400 - Super 400 - Super 500)

CIRCLE REVERSE HYDRAULIC MOTOR
(On Pacer 400 - Super 400 - Super 500)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2569	1	HYDRAULIC MOTOR ASSEMBLY (R and L) less hub and pinion (1st type, chevrons in cap - see illustration)
0A	PGU-2825	1	HYDRAULIC MOTOR ASSEMBLY (R and L) less hub and pinion (2nd type, "O" rings in cap - see illustration)
1	PGU-1683-A	1	CYLINDER, VALVE AND PISTON ASSEMBLY, right hand (piston rod has forked end) (1st type - chevrons in cap)
1A	PGU-9684	1	CYLINDER, VALVE AND PISTON ASSEMBLY, right hand (piston rod has forked end) (2nd type - "O" rings in cap)
2	PGU-1682-A	1	CYLINDER, VALVE AND PISTON ASSEMBLY, left hand (piston rod has single bushed end) (1st type - chevrons in cap)
2A	PGU-9685	1	CYLINDER, VALVE AND PISTON ASSEMBLY, left hand (piston rod has single bushed end) (2nd type - "O" rings in cap)
3	PGUS-9232	2	CYLINDER AND VALVE BODY (R and L) with valve and bushings (includes Ref. Nos. 4, 4A, 21, 21A, and 22)
3A	HCF-2159	6	PLUG, valve body
4		2	* PLUG, valve (movable)
4A	PGF-8902	4	BUSHING, body
6	PGF-9249	1	CAM LEVER, right hand, valve control
7	PGF-9250	1	CAM LEVER, left hand, valve control
8	PGU-1669	1	PISTON ROD WITH BUSHING (includes Ref. No. 9)
9	PGF-8909	1	BUSHING, rod
10	PGF-9761	1	ROD, piston
11	734011	2	NUT, slotted
12	PGF-16868	2	PISTON
13	PGF-9648-1	2	"O" RING
14	PGF-9649	2	GASKET
14A	PGF-9648-69	2	"O" RING
15	PG-1826	2	CAP, cylinder
15A	PG-2502	2	CAP, cylinder
16	PGF-9769	8	STUD
17A	PGF-12366	10	RING, chevron packing
17B	PGF-8986	2	RING, pressure
17C	PGF-7025	2	RETAINER
18	PGF-7022	2	FELT
19	PGF-7026	2	WIPER
20	PGF-7019	2	CAP
21	PGF-13259	2	PLUG (also order one of Ref. No. 22)
21A	PGF-13258	2	PLUG (also order one of Ref. No. 22)
22	PGF-9648-40	4	"O" RING
23	HCF-2142	2	SPRING, valve
24	PGF-8938	2	LEVER, valve actuating
25	PGF-8252	2	SCREW, adjusting
26	PGF-9648-22	2	"O" RING
26A	PGF-13591	2	SLEEVE, "O" ring
27	PGF-9648-21	2	"O" RING
27A	PGF-13590	2	SLEEVE, "O" ring
28	PGF-9619	2	PIN, cam
29	PGF-8731	2	WASHER, cam pin
30	PGF-8728	2	ROLLER, cam pin
31	PGF-8896	2	PIN, pivot
32	PGF-7414	2	CAPSCREW
33	PGF-8243	1	WASHER, pinion retainer
34	PGU-1668	1	BUSHING GROUP
35	PG-2499	1	PINION
36	PG-2498	1	HUB, pinion support, circle front
37	PGF-8908	2	BUSHING, support hub
38	PGF-8903	1	WASHER, pinion retainer
39			CIRCLE (see separate page)
40	758058	2	SETSCREW, dog point
41	PGF-8248	As req'd	SHIM, ram base
42	PGF-9648-27	2	"O" RING
43	PGF-4515	2	RING, snap
44	PGF-13171	2	WASHER

Note: * Movable valve plug not sold separately. Order Ref. No. 3.

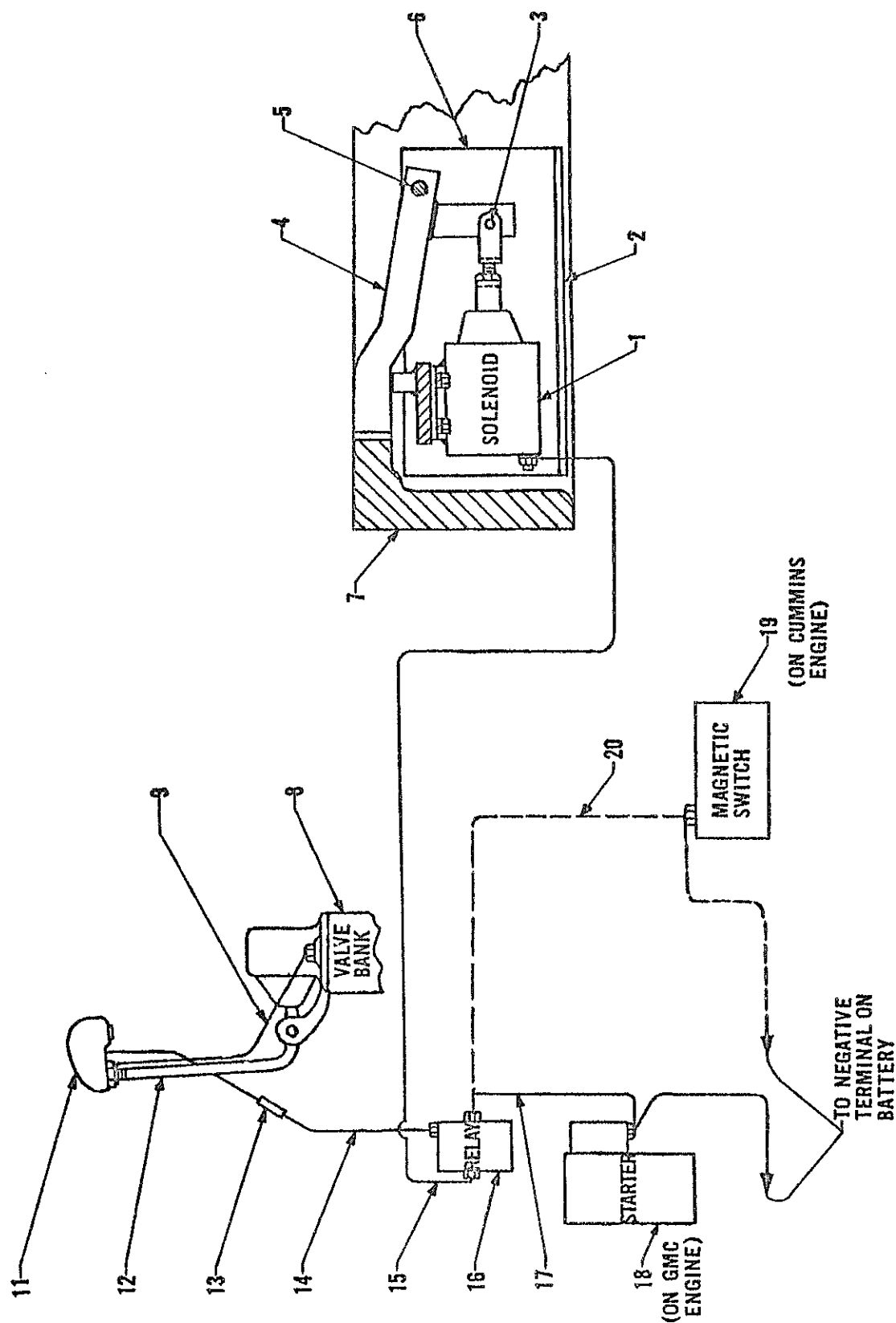


(For Part Numbers,
see next page)

CIRCLE LATCH MECHANISM (HYDRAULIC TYPE)
(On Pacer 400 - Super 400 - Super 500)

CIRCLE LATCH MECHANISM (HYDRAULIC TYPE)
(ON PACER 400 - SUPER 400 - SUPER 500)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-9485	1	MASTER CYLINDER GROUP (includes Ref. Nos. 2 to 16 inclusive)
2	333131	1	TANK, supply
3	333151	1	PLUG, filler
4	333141	1	GASKET, filler plug
5	333082	1	LINK, piston
6	333032	1	STRAP, boot - small
7	333084	1	BOOT
8	333085	1	STRAP, boot - large
9	333107	1	WIRE, piston stop
10	333108	1	WASHER, piston stop
11	333106	1	PISTON GROUP
12	333072	1	CUP
13	333099	1	SPRING, return
14	333152	1	CHECK VALVE GROUP, dome type
15	333101	1	GASKET, head
16	333111	1	HEAD
17	PGF-10896	1	GASKET
18	789006	1	CONNECTOR
19	788007	2	ELBOW
20	PGF-9766	1	YOKE
21	783005	1	PIN
22	PG-1827	1	PEDAL
23	PGF-9483	1	TUBE
24	786005	2	CONNECTOR, male
25	PGF-10519	2	COUPLING
26	PGF-9437	1	HOSE
27	PGF-16867	1	TUBE
28	789004	1	CONNECTOR
29	PGF-8991	1	CYLINDER GROUP (includes Ref. Nos. 30 to 35 inclusive)
30	333118	1	BODY
	333146	1	SCREW, bleeder (not illustrated)
31	333121	1	SPRING, return
32	333119	1	CUP
33	333120	1	PISTON
34	333116	1	STRAP, boot
35	333122	1	BOOT
36	PGF-9013	1	ROD, piston
37	783004	1	PIN
38	PGF-13172	1	SPRING
39	PGF-16846	1	LATCH
40			CIRCLE (see separate page)
41	ASF-3678	1	CLIP
42	PGF-9755	1	CLIP
43	ASF-5451	1	GASKET
44	742848	1	BOLT
45			DRAWBAR UNIT (see separate page)



(For Part Numbers,
see next page)

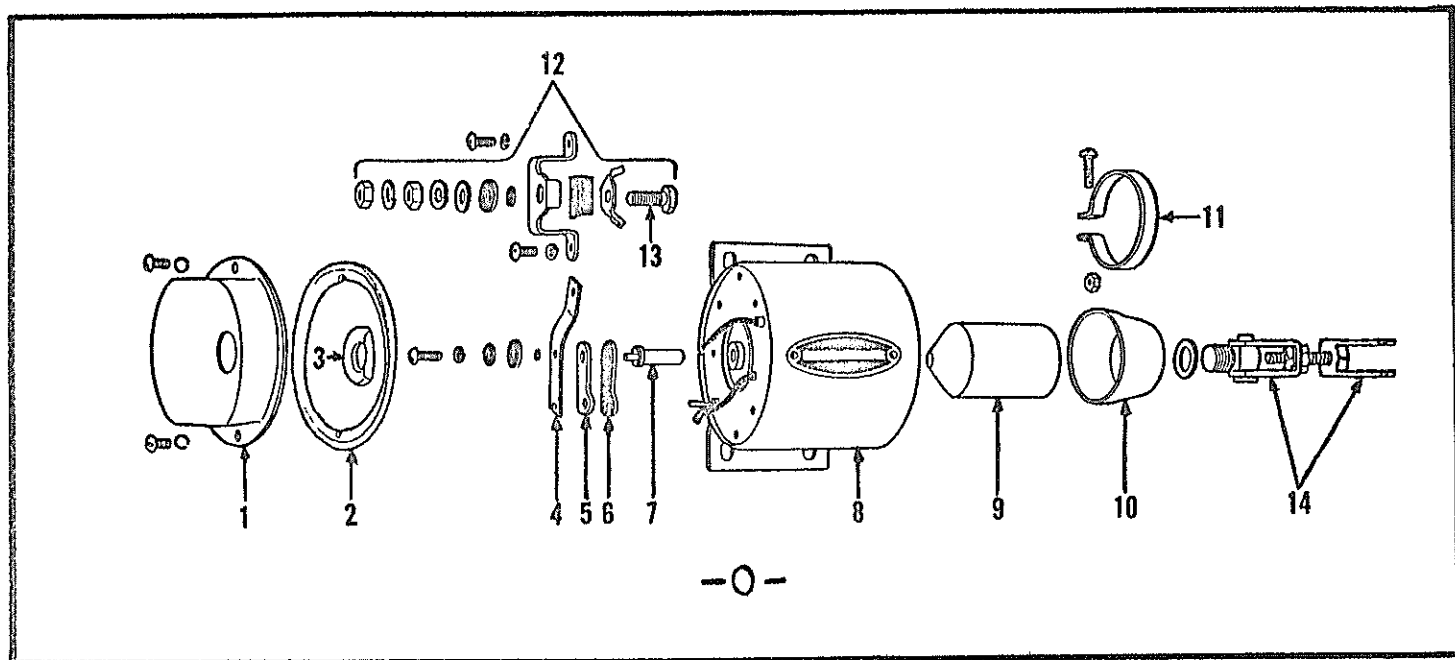
CIRCLE LATCH MECHANISM (SOLENOID TYPE)
(On Pacer 400 - Super 400 - Super 500)

(Supersedes Page K-5.10)

CIRCLE LATCH MECHANISM (SOLENOID TYPE)
 (On Facer 400 - Super 400 - Super 500)
 (For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1			SOLENOID (switch) - (see separate page)
2	PGF-16916	1	COVER
3	783003	1	PIN, yoke
4	PGF-16889	1	LATCH
5	742848	1	BOLT, pivot
6			DRAW BAR UNIT
7			CIRCLE
8			VALVE BANK
9	PGF-18418	1	WIRE, ground
11			KNOB, control, circle reverse latch (see separate page)
12			LEVER, circle reverse (see separate page)
13	HCF-6357	1	CONNECTOR, wire
14	PGF-16589	1	WIRE
15	PGF-16591	1	WIRE
16	PGF-16452	1	RELAY
17	PGF-16590	1	* WIRE (for GMC engines)
18			STARTER (for GMC engines - see separate page)
19			MAGNETIC SWITCH (for Cummins engine - see separate page)
20	PGF-16592	1	* WIRE (for Cummins engine)

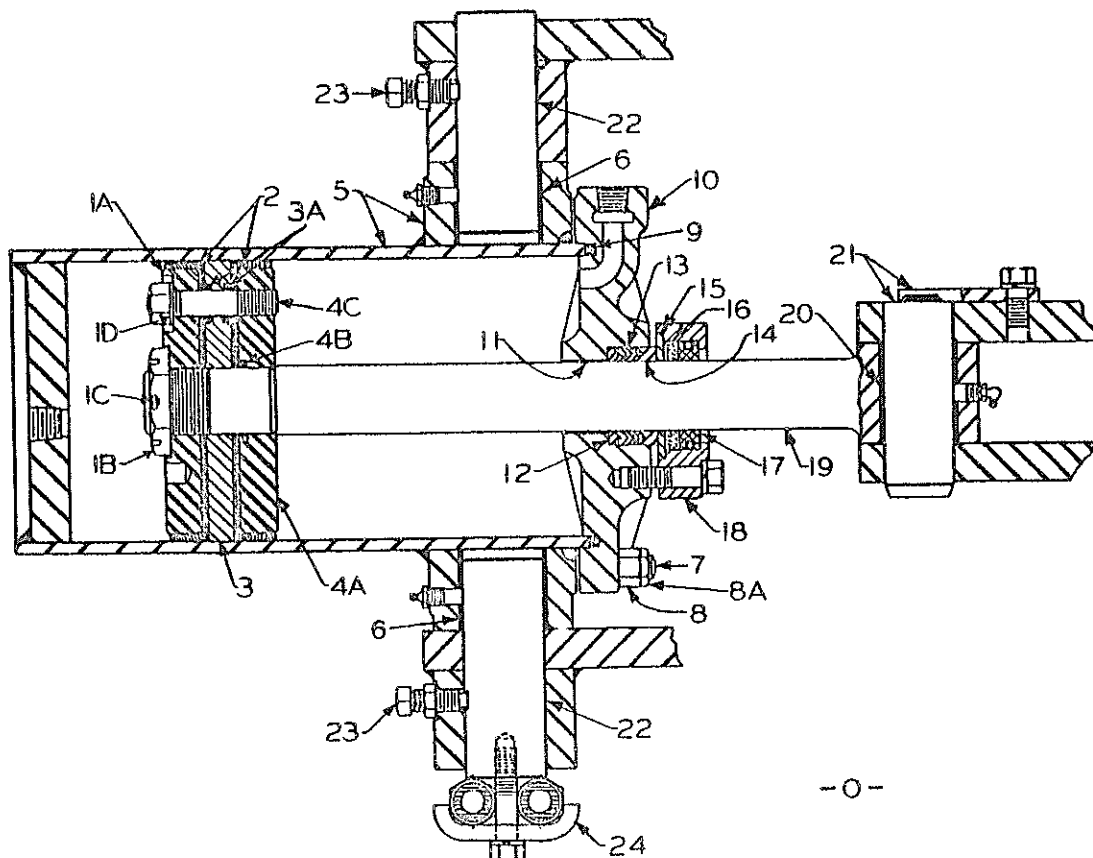
Note: * Not used on Model 447 and 467 graders.



SOLENOID SWITCH FOR CIRCLE LATCH OR TRANSMISSION BRAKE*
(On Pacer 400 - Super 400 - Super 500)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	HCF-6050	1	SOLENOID (switch), complete
1	432269	1	COVER
2	432270	1	GASKET
3	432271	1	GASKET
4	432272	1	SPRING, contact
5	432273	1	CONTACT AND SUPPORT
6	432274	1	INSULATOR, contact
7	432275	1	PUSH ROD
8		1	CASE AND COIL (order Ref. 0)
9	432276	1	PLUNGER
10	432277	1	BOOT, plunger
11	432278	1	CLAMP, boot
12	432279	1	BRACKET ASSEMBLY, terminal
13	432280	1	STUD, terminal
14	432281	1	LINK AND SCREW ASSEMBLY

Note: * Transmission brake for 4-speed manual shift transmission used only on Pacer 447 and Super 467.

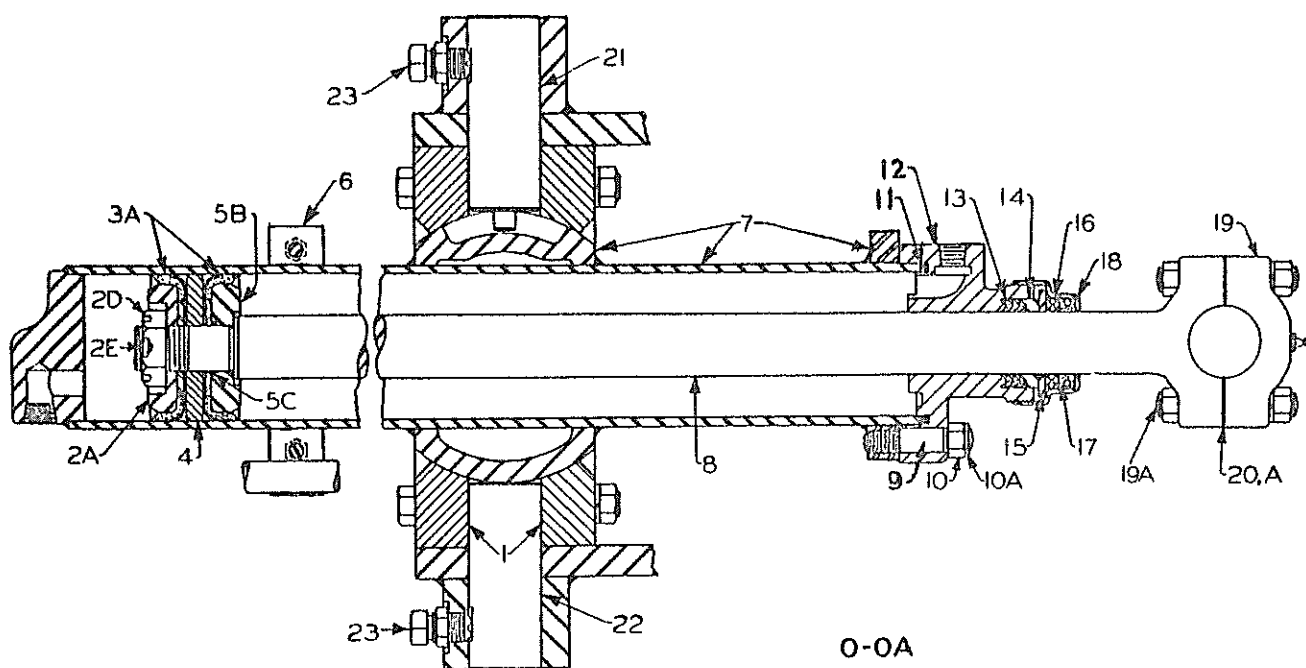


HIGH LIFT RAM
(ON PACER 400 - SUPER 400 - SUPER 500)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2386	1	HIGH LIFT RAM GROUP (includes Ref. Nos. 1A to 20 inclusive)
1A	PGF-11818	1	SPREADER, outer
1B	PGF-11820	1	NUT, slotted
1C	166041	1	PIN, cotter
1D	770015	4	WASHER, shakeproof
2	PGF-11754	2	CUP
3	PG-A-1909	1	PISTON (also order Ref. 3A)
3A	PGF-9648-25	8	"O" RING
4A	PGP-11802	1	INNER SPREADER WITH STUDS AND NUTS (includes Ref. No. 4C)
4B	PGF-9648-8	1	"O" RING
4C	PGF-10486	4	STUD

(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
5	PGU-2389	1	CYLINDER WITH BUSHINGS (includes Ref. No. 6)
6	PGF-9227	2	BUSHING
7	PGF-9305	10	STUD
8	722007	10	NUT, hex
8A	724007	10	NUT, pal
9	PGF-9648-50	1	"O" RING
10	PG-2082	1	HEAD
11	PGF-12108	1	BUSHING, head
12	RGF-4279	1	RING, seal
13	RGF-4381	4	RING, chevron packing
14	PGF-12114	1	RING, pressure
15	PGF-12113	1	RETAINER
16	PGF-10084	1	FELT
17	PGF-1727	1	WIPER
18	PG-2081	1	CAP
19	PGF-14938	1	ROD, piston
20	PGF-9232	1	BUSHING
21	PGF-15059	1	PIN, rod
22	PGF-9224	2	PIN, pivot
23	758094	2	SETSCREW - dog point
24	PGF-9530	1	CLAMP, hose



BLADE LIFT RAM
(1st type - Head with Cap and Chevrons)
(On Pacer 400 - Super 400 - Super 500)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-1958-C	1	BLADE LIFT RAM GROUP - RIGHT HAND (includes Ref. Nos. 1 to 20A inclusive except Ref. 6)
0A	PGU-1959-C	1	BLADE LIFT RAM GROUP - LEFT HAND (includes Ref. Nos. 1 to 20A inclusive except Ref. 6)
1	PGU-1694	1	BALL SOCKET - 2 halves
2A	PGF-10804	1	SPREADER, outer
2D	PGF-11546	1	NUT, slotted
2E	166038	1	PIN, cotter
3A	PGF-11753	2	CUP
4	PG-A-320	1	PISTON
5B	PGF-11801	1	SPREADER, inner
5C	PGF-9648-16	1	"O" RING
6	PGF-9521	1	CLAMP, hose
7	PGF-10839	1	CYLINDER

(continued)

(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
8	PGF-9240	1	ROD, piston
9	PGF-10840	4	STUD
10	722007	4	NUT, hex
10A	724007	4	NUT, pal
11	PGF-9648-14	1	"O" RING
12	PG-1944	1	HEAD
13	PGF-9229	4	RING, chevron packing
14	PGF-9221	1	RING, pressure
15	PGF-9237	1	RETAINER
16	PGF-9238	1	FELT
17	PGF-9239	1	WIPER
18	PGF-9243	1	CAP
19	PGF-9487	1	CAP, ball
19A	PGF-10231	2	STUD, ball cap
20	MGF-1992	4	SHIM, ball cap (.024)
20A	PGF-11856	4	SHIM, ball cap (.010)
21	PGF-9245	1	PIN, pivot - long
22	PGF-9246	1	PIN, pivot - short
23	755148	2	SETSCREW, cup point



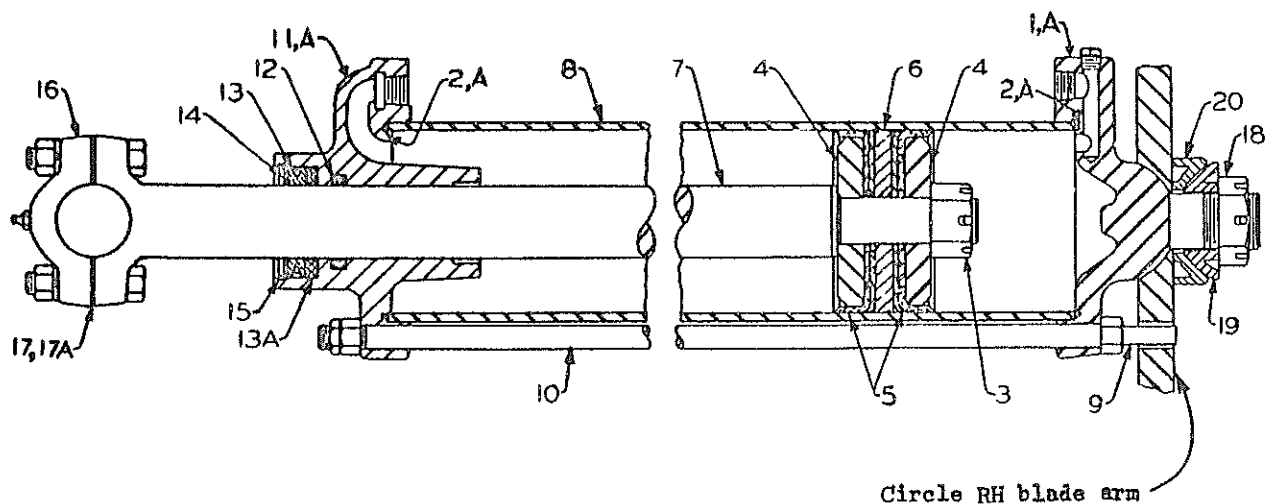
BLADE LIFT RAM

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-1958-D	1	BLADE LIFT RAM GROUP - RIGHT HAND (includes Ref. Nos. 1 to 20A inclusive except Ref. 6)
0A	PGU-1959-D	1	BLADE LIFT RAM GROUP - LEFT HAND (includes Ref. Nos. 1 to 20A inclusive except Ref. 6)
1	PGU-1694	1	BALL SOCKET - 2 halves
2A	PGF-10804	1	SPREADER, outer
2D	PGF-11546	1	NUT, slotted
2E	166038	1	PIN, cotter
3A	PGF-11753	2	CUP
4	PG-A-320	1	PISTON
5B	PGF-11801	1	SPREADER, inner
5C	PGF-9648-16	1	"O" RING
6	PGF-9521	1	CLAMP, hose
7	PGF-16924	1	CYLINDER

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(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
8	PGF-9240	1	ROD, piston
9	PGF-10840	4	STUD
10	722007	4	NUT, hex
10A	724007	4	NUT, pal
11	PGF-9648-1	1	"O" RING
12	SP-A-76	1	HEAD
13	PGF-9648-29	1	"O" RING
14	SPF-1098	1	WASHER
15	SPF-1094	1	RING, snap
16	SPF-1122	1	FELT
17	PGF-9225	1	WIPER
19	PGF-9487	1	CAP, ball
19A	PGF-10231	2	STUD, ball cap
20	MGF-1992	4	SHIM, ball cap (.024)
20A	PGF-11856	4	SHIM, ball cap (.010)
21	PGF-9245	1	PIN, pivot - long
22	PGF-9246	1	PIN, pivot - short
23	755148	2	SETSCREW, cup point



0-0A

BLADE SIDE SHIFT RAM
(ON PACER 400 - SUPER 400 - SUPER 500)

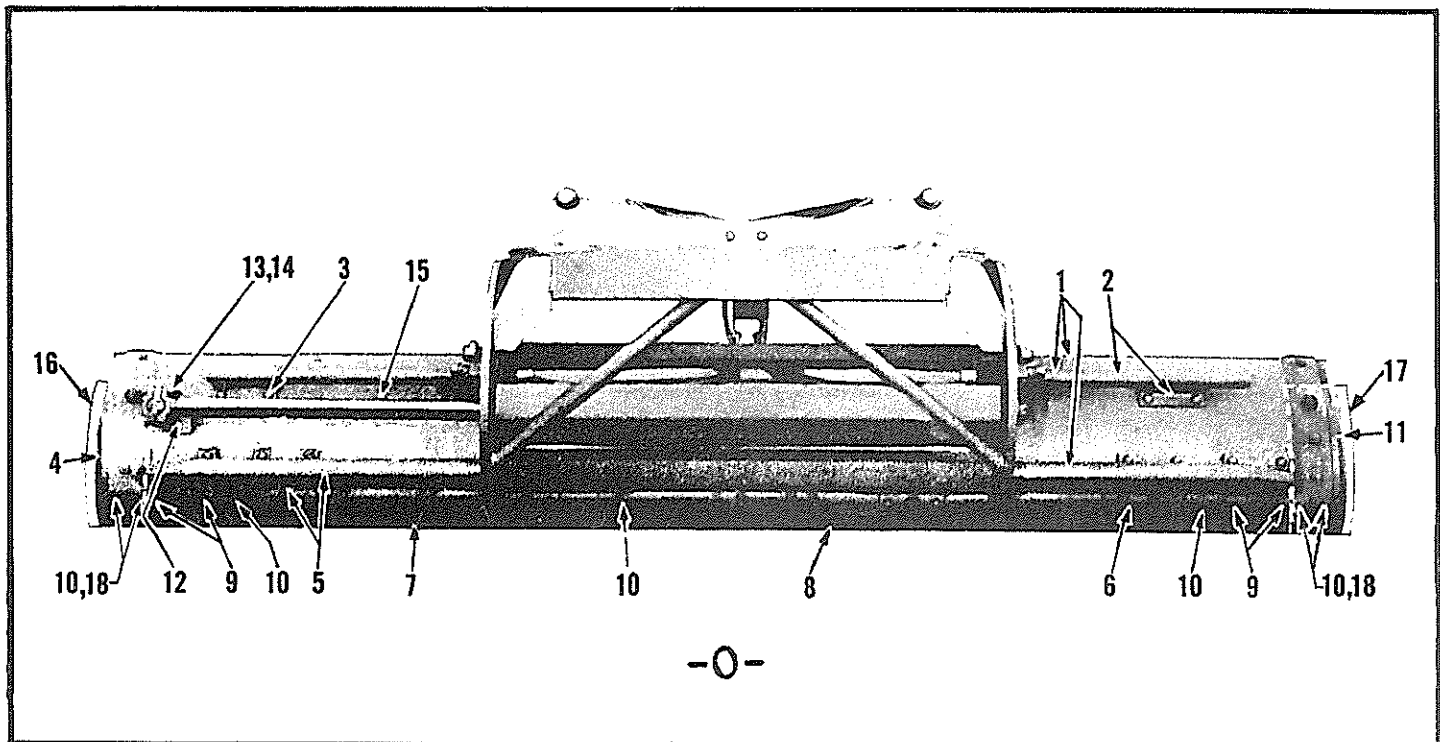
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-1935-B	1	BLADE SIDE SHIFT RAM GROUP (1st type - uses Ref. 2) - (includes Ref. Nos. 1 to 18 inclusive except Ref. Nos. 1A, 2A and 11A)
0A	PGU-2909	1	BLADE SIDE SHIFT RAM GROUP (2nd type - uses Ref. 2A) - (includes Ref. Nos. 1A to 18 inclusive except Ref. Nos. 2 and 11)
1	PGF-9422	1	BASE
1A	PGF-16915	1	BASE
2	PGF-1688	2	GASKET
2A	PGF-9648-76	2	"O" RING
3	734013	1	NUT, slotted
4	PGF-3255	2	SPREADER
5	PGF-11776	2	CUP
6	PG-A-862	1	PISTON
7	PGF-10501	1	ROD, piston
8	PGF-10500	1	CYLINDER

(continued)

(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
9	PGF-10499	1	ROD, tie
10	PGF-10498	4	ROD, tie
11	PG-2026	1	HEAD
11A	PG-2501	1	HEAD
12	PGF-9648-30	1	"O" RING
13	PGF-1727	1	WIPER
13A	PGF-10084	1	FELT
14	RGF-1293	1	WASHER
15	PGF-9420	1	RING, snap
16	PGF-9487	1	CAP, ball
17	MGF-1992	6	SHIM, ball cap (.024)
17A	PGF-11856	4	SHIM, ball cap (.010)
18	PGF-3209	1	NUT, ball plate
19	PG-890	1	PLATE, ball
20	PG-889	1	SOCKET, ball

BLADES AND EXTENSIONS (12 Ft.)
(ON PACER 400 - SUPER 400 - SUPER 500)



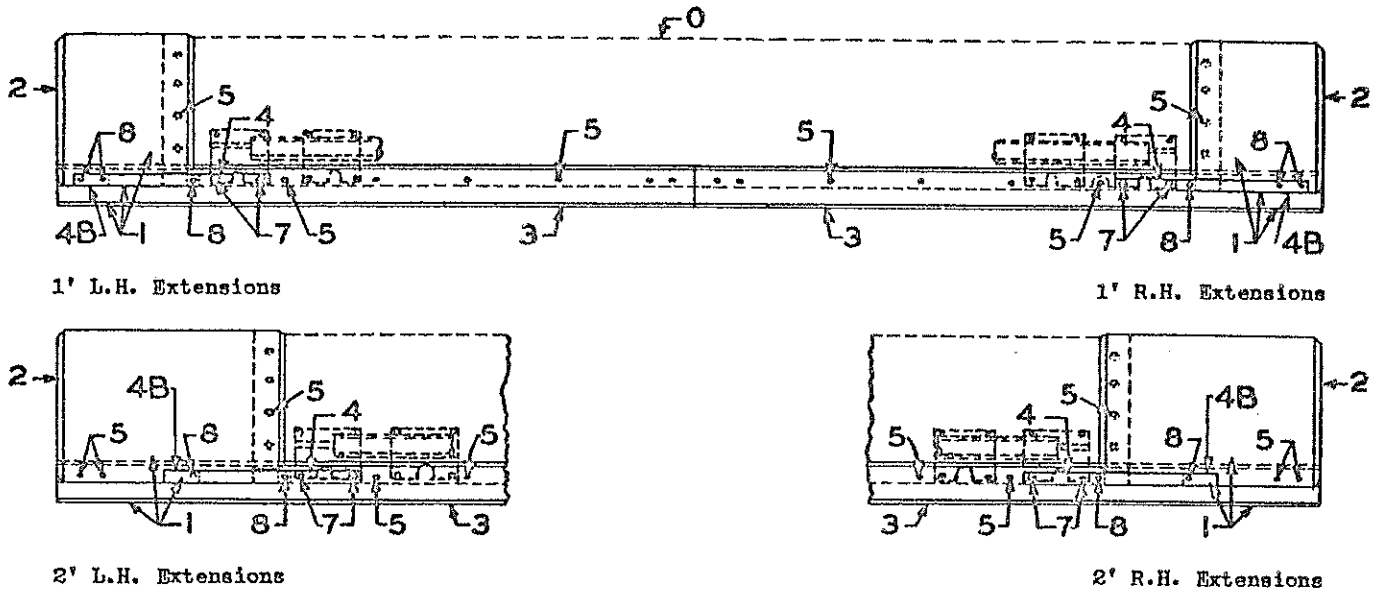
12' BLADE AND PARTS

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2559	1	BLADE GROUP WITH BITS (includes Ref. Nos. 1, 4 and 7 to 15 inclusive)
1	PGP-15794	1	BLADE GROUP LESS BITS (includes Ref. Nos. 2, 3, 5 and 6)
2	PGF-12053	1	UPPER SHAFT WITH SUPPORTS (rivets to moldboard)
3	572226	16	RIVET, button head, upper shaft support (3/4" x 2")
4	PGF-14750	1	END BIT, left hand
5	PGF-15824	1	LOWER TUBE WITH SUPPORTS (rivets to moldboard)
6	572226	20	RIVET, button head, lower tube support (3/4" x 2")
7	RGF-2780-98	1	BIT OR CUTTING EDGE (L.H.) 5/8" x 6" x 6'
8	RGF-2780-99	1	BIT OR CUTTING EDGE (R.H.) 5/8" x 6" x 6'
9	RGF-6461	4	BOLT, bit
10	RGF-6462	24	BOLT, bit
11	PGF-14749	1	END BIT - right hand
12	PGF-17540	1	SUPPORT, side shift ball
13	RGF-6478	4	BOLT, ball support
14	721009	4	NUT, ball support bolt
15	708824	4	PLUG BOLT, moldboard
16	PGF-15807	1	OVERLAID END BIT (L.H.) (special order)
17	PGF-15806	1	OVERLAID END BIT (R.H.) (special order)
18	RGF-6465	10	BOLT, overlaid bit

(see next page)

BLADES AND EXTENSIONS (Continued)
(ON PACER 400 - SUPER 400 - SUPER 500)

BLADE EXTENSIONS are provided to enlarge the usefulness of your machine for LIGHT WORK ONLY.



12' BLADE EXTENSIONS

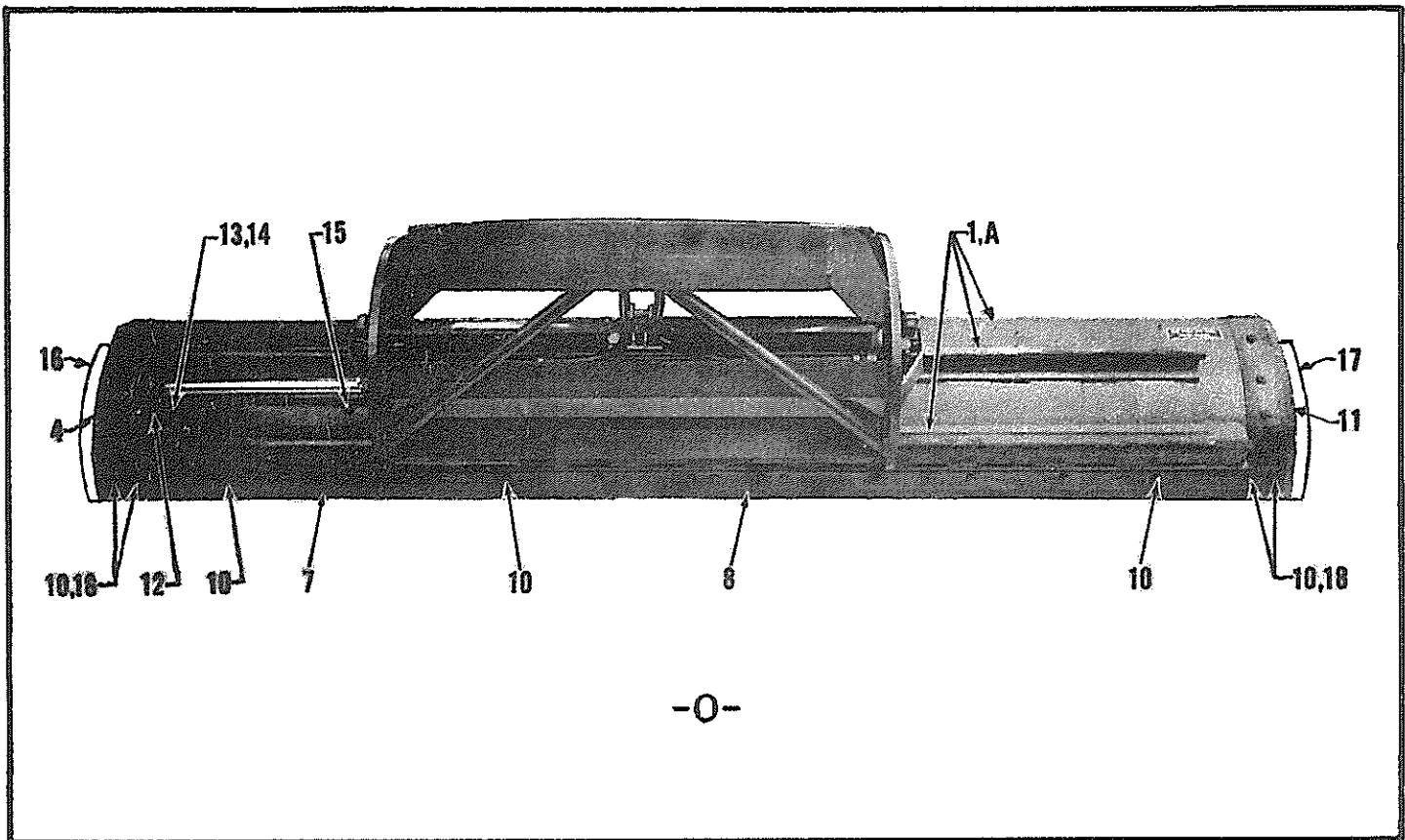
REF.	DESCRIPTION	QTY.	1' LH EXT.	2' LH EXT.	1' RH EXT.	2' RH EXT.
0	Blade	1				
1	Extension group	1	PGU-2583	PGU-2586	PGU-2581	PGU-2584
2	Extension only	1	PGF-15799	PGF-15801	PGF-15798	PGF-15800
3	Bit	1	* RGF-2764-98	% RGF-2778-98	* RGF-2764-99	% RGF-2778-99
4	Stiffener	1	PGF-10601	PGF-10601	PGF-10601	PGF-10601
4B	Stiffener shim	1	PGF-11502	PGF-11502	PGF-11502	PGF-11502
5	Plow bolt	10	RGF-6462		RGF-6462	
5	Plow bolt	13		RGF-6462		RGF-6462
7	Plow bolt	2	RGF-6473	RGF-6473	RGF-6473	RGF-6473
8	Plow bolt	3	RGF-6487		RGF-6487	
8	Plow bolt	2		RGF-6487		RGF-6487

Note: * Indicates 5/8" x 6" x 7' bit or cutting edge.

% Indicates 5/8" x 6" x 8' bit or cutting edge.

Blade bit or cutting edges are always shipped less the necessary bolts and nuts for installation unless otherwise specified.

BLADES AND EXTENSIONS (12 FT.)



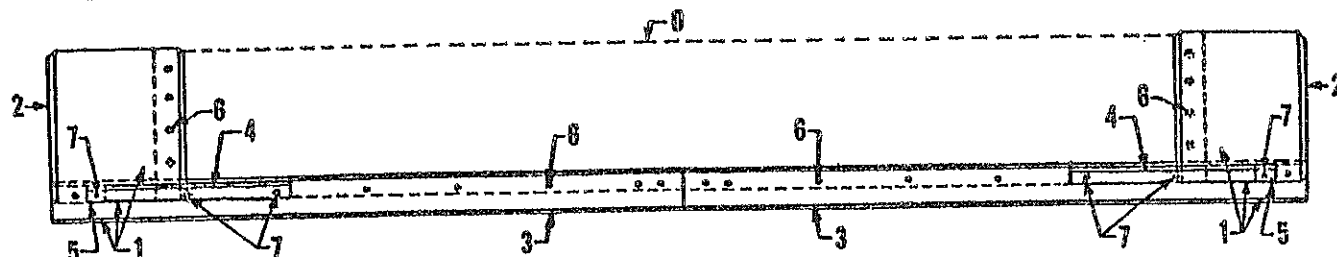
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12' BLADE AND PARTS (WELDED DESIGN)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2917	1	BLADE GROUP WITH BITS (includes Ref. Nos. 1, 4 and 7 to 15 inclusive)
1	PGF-18173	1	BLADE GROUP LESS BITS (12'-3/4" x 26")- (Pacer and Super 400)
1A	PGF-18175	1	BLADE GROUP LESS BITS (12'-7/8" x 28")- (Pacer and Super 400)
4	PGF-17500	1	END BIT - left hand
7	RGF-2780-98	1	BIT OR CUTTING EDGE (L.H.) 5/8" x 6" x 6'
8	RGF-2780-99	1	BIT OF CUTTING EDGE (R.H.) 5/8" x 6" x 6'
10	RGF-6462	24	BOLT, bit
11	PGF-17499	1	END BIT - right hand
12	PGF-17540	1	SUPPORT, side shift ball
13	RGF-6478	4	BOLT, ball support
14	721009	4	NUT, ball support bolt
15	708824	4	PLUG BOLT, moldboard
16	PGF-15807	1	OVERLAID END BIT (L.H.)-(special order)
17	PGF-15806	1	OVERLAID END BIT (R.H.)-(special order)
18	RGF-6465	10	BOLT, overlaid bit

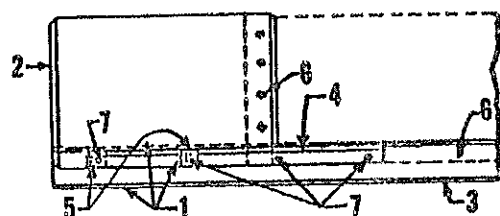
BLADES AND EXTENSIONS (Continued)

BLADE EXTENSIONS are provided to enlarge the usefulness of your machine for LIGHT WORK ONLY.

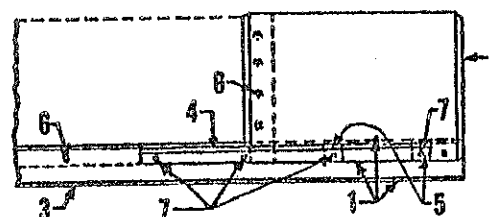


1' L.H. Extensions

1' R.H. Extensions



2' L.H. Extensions



2' R.H. Extensions

12' BLADE EXTENSIONS

REF.	DESCRIPTION	QTY.	1' LH EXT.	2' LH EXT.	1' RH EXT.	2' RH EXT.
0	Blade	1				
1	Extension group	1	PGU-2923	PGU-2926	PGU-2921	PGU-2924
2	Extension only	1	& PGF-17517	& PGF-17524	& PGF-17518	& PGF-17525
3	Bit	1	* RGF-2764-98	% RGF-2778-98	* RGF-2764-99	% RGF-2778-99
4	Stiffener	1	PGF-17799	PGF-17800	PGF-17799	PGF-17800
5	Stiffener shim	1	PGF-17484		PGF-17484	
5	Stiffener shim	2		PGF-17484		PGF-17484
6	Flow bolt	10	RGF-6462	RGF-6462	RGF-6462	RGF-6462
7	Flow bolt	4		RGF-6464		RGF-6464
7	Flow bolt	3	RGF-6464		RGF-6464	

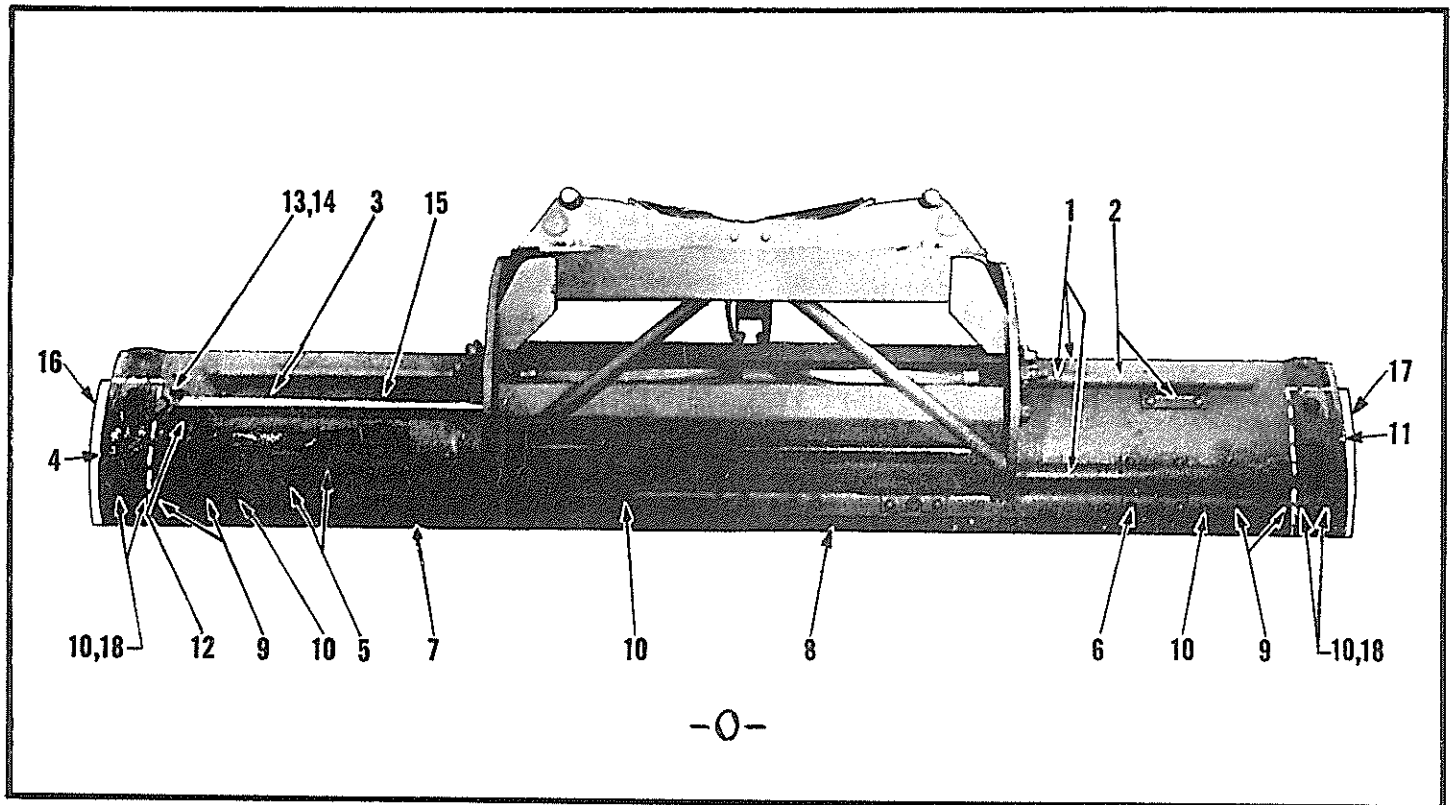
Note: * Indicates 5/8" x 6" x 7' bit or cutting edge.

% Indicates 5/8" x 6" x 8' bit or cutting edge.

Blade bit or cutting edges are always shipped less the necessary bolts and nuts for installation unless otherwise specified.

& For Pacer 400 and Super 400.

BLADES AND EXTENSIONS (13 Ft.)
(ON PACER 400 - SUPER 400 - SUPER 500)



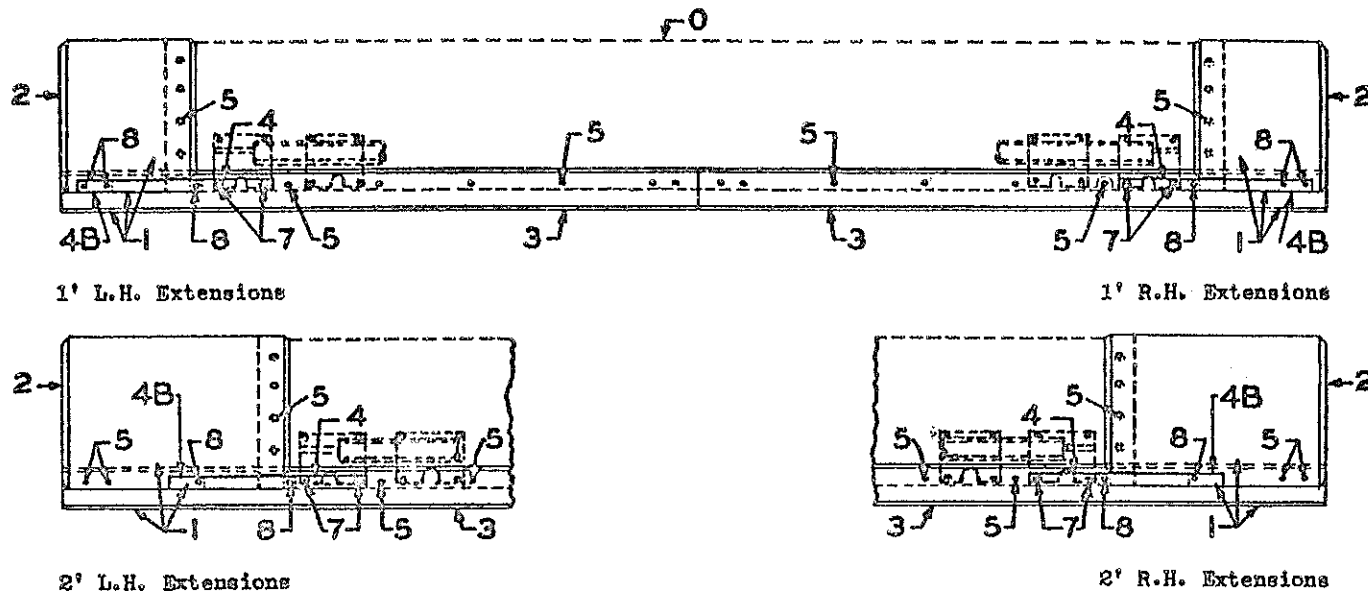
13' BLADE AND PARTS

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2579	1	BLADE GROUP WITH BITS (includes Ref. Nos. 1, 4 and 7 to 15 inclusive)
1	PGP-15793	1	BLADE GROUP LESS BITS (includes Ref. Nos. 2, 3, 5 and 6)
2	PGF-11979	1	UPPER SHAFT WITH SUPPORTS (rivets to moldboard)
3	572226	16	RIVET, button head, upper shaft support (3/4" x 2")
4	PGF-14750	1	END BIT - left hand
5	PGF-15822	1	LOWER TUBE WITH SUPPORTS (rivets to moldboard)
6	572226	20	RIVET, button head, lower tube support (3/4" x 2")
7	RGF-2764-98	1	BIT OR CUTTING EDGE (L.H.) 5/8" x 6" x 7'
8	RGF-2780-99	1	BIT OR CUTTING EDGE (R.H.) 5/8" x 6" x 6'
9	RGF-6461	4	BOLT, bit
10	RGF-6462	25	BOLT, bit
11	PGF-14749	1	END BIT - right hand
12	PGF-17540	1	SUPPORT, side shift ball
13	RGF-6478	4	BOLT, ball support
14	721009	4	NUT, ball support bolt
15	708824	4	PLUG BOLT, moldboard
16	PGF-15807	1	OVERLAID END BIT (L.H.) (special order)
17	PGF-15806	1	OVERLAID END BIT (R.H.) (special order)
18	RGF-6465	10	BOLT, overlaid bit

(see next page)

BLADES AND EXTENSIONS (Continued)
(ON PACER 400 - SUPER 400 - SUPER 500)

BLADE EXTENSIONS are provided to enlarge the usefulness of your machine for LIGHT WORK ONLY.



13' BLADE EXTENSIONS

REF.	DESCRIPTION	QTY.	1' LH EXT.	2' LH EXT.	1' RH EXT.	2' RH EXT.
0	Blade	1				
1	Extension group	1	PGU-2582	PGU-2585	PGU-2581	PGU-2584
2	Extension only	1	PGF-15799	PGF-15801	PGF-15798	PGF-15800
3	Bit	1	% RGF-2778-98	@ RGF-2776-98	* RGF-2764-99	% RGF-2778-99
4	Stiffener	1	PGF-10601	PGF-10601	PGF-10601	PGF-10601
4B	Stiffener shim	1	PGF-11502	PGF-11502	PGF-11502	PGF-11502
5	Plow bolt	11	RGF-6462			
5	Plow bolt	13		RGF-6462		
5	Plow bolt	10			RGF-6462	
5	Plow bolt	12				RGF-6462
7	Plow bolt	2	RGF-6473	RGF-6473	RGF-6473	RGF-6473
8	Plow bolt	3	RGF-6487		RGF-6487	
8	Plow bolt	2		RGF-6487		RGF-6487

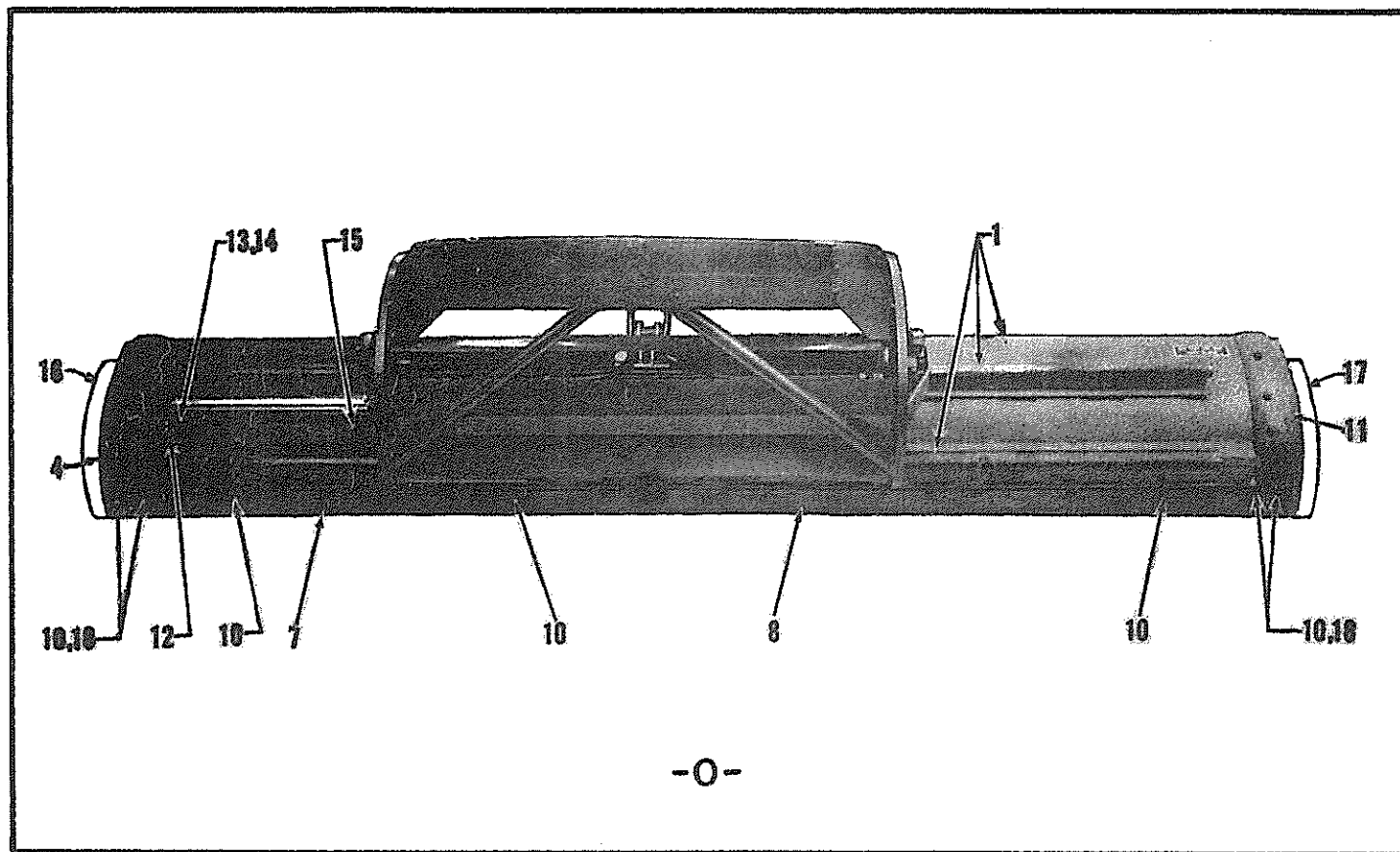
Note: * Indicates 5/8" x 6" x 7' bit or cutting edge.

% Indicates 5/8" x 6" x 8' bit or cutting edge.

@ Indicates 5/8" x 6" x 9' bit or cutting edge.

Blade bit or cutting edges are always shipped less the necessary bolts and nuts for installation unless otherwise specified.

BLADES AND EXTENSIONS (13 FT.)



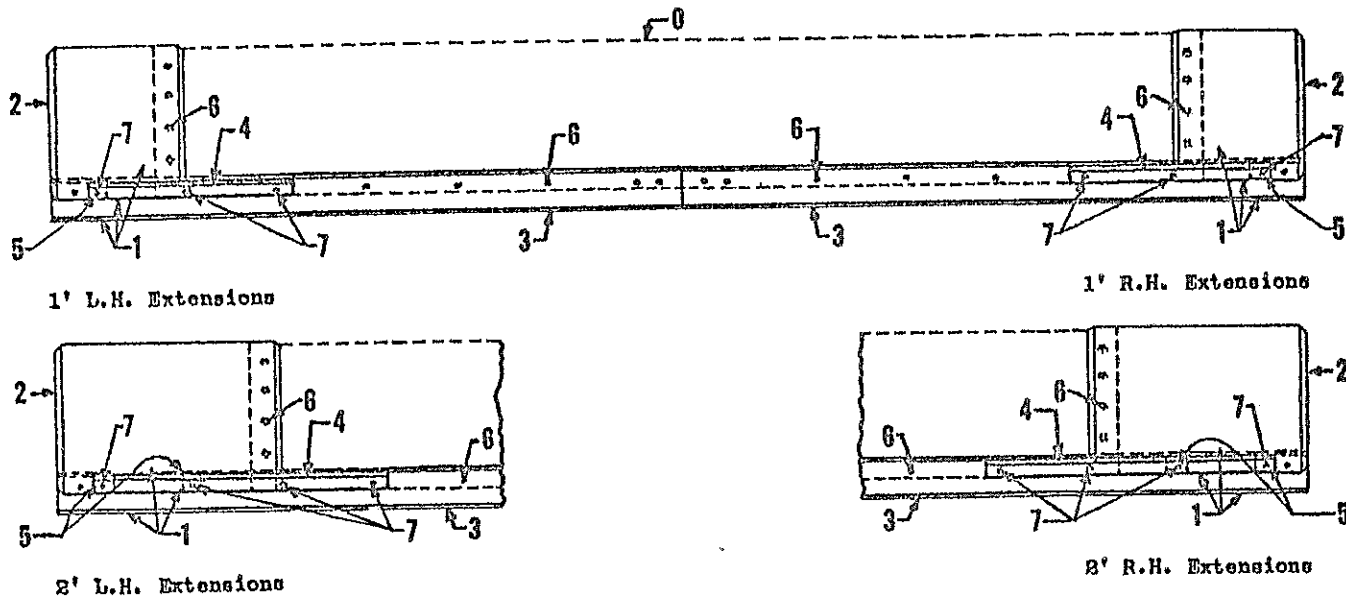
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13' BLADE AND PARTS (WELDED DESIGN)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-2916	1	BLADE GROUP WITH BITS (includes Ref. Nos. 1, 4 and 7 to 15 inclusive)
1	PGF-18168	1	BLADE GROUP LESS BITS (13'-3/4" x 26")- (Pacer and Super 400)
1A	PGF-18169	1	BLADE GROUP LESS BITS (13'-3/4" x 28")- (Pacer and Super 500)
1B	PGF-18176	1	BLADE GROUP LESS BITS (13'-7/8" x 28")- (Pacer and Super 400)
4	PGF-17500	1	END BIT - left hand (Pacer and Super 400)
4A	PGF-17213	1	END BIT - left hand (Pacer and Super 500)
7	RGF-2764-98	1	BIT OR CUTTING EDGE (L.H.) 5/8" x 6" x 7'
8	RGF-2780-99	1	BIT OF CUTTING EDGE (R.H.) 5/8" x 6" x 6'
10	RGF-6462	25	BOLT, bit
11	PGF-17499	1	END BIT - right hand (Pacer and Super 400)
11A	PGF-17214	1	END BIT - right hand (Pacer and Super 500)
12	PGF-17540	1	SUPPORT, side shift ball
13	RGF-6478	4	BOLT, ball support
14	721009	4	NUT, ball support bolt
15	708824	4	PLUG BOLT, moldboard
16	PGF-15807	1	OVERLAID END BIT (L.H.)-(special order)
17	PGF-15806	1	OVERLAID END BIT (R.H.)-(special order)
18	RGF-6465	10	BOLT, overlaid bit

BLADES AND EXTENSIONS (Continued)

BLADE EXTENSIONS are provided to enlarge the usefulness of your machine for LIGHT WORK ONLY.



13' BLADE EXTENSIONS

REF.	DESCRIPTION	QTY	1' LH EXT.	2' LH EXT.	1' RH EXT.	2' RH EXT.
0	Blade	1				
1	Extension group	1	PGU-2922	PGU-2925	PGU-2921	PGU-2924
2	Extension only	1	& PGF-17517	& PGF-17524	& PGF-17518	& PGF-17525
2A	Extension only	1	φ PGF-17530	φ PGF-17528	φ PGF-17531	φ PGF-17529
3	Bit	1	% RGF-2778-98	@ RGF-2776-98	* RGF-2764-99	% RGF-2778-99
4	Stiffener	1	PGF-17799	PGF-17800	PGF-17799	PGF-17800
5	Stiffener shim	1	PGF-17484		PGF-17484	
5	Stiffener shim	2		PGF-17484		PGF-17484
6	Plow bolt	11	RGF-6462			RGF-6462
6	Plow bolt	12		RGF-6462		
6	Plow bolt	10			RGF-6462	
7	Plow bolt	4		RGF-6464		RGF-6464
7	Plow bolt	3	RGF-6464		RGF-6464	

Note: * Indicates 5/8" x 6" x 7' bit or cutting edge.

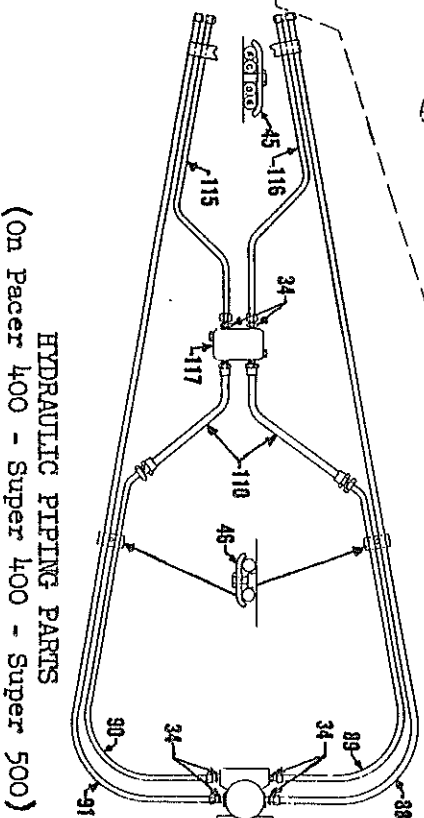
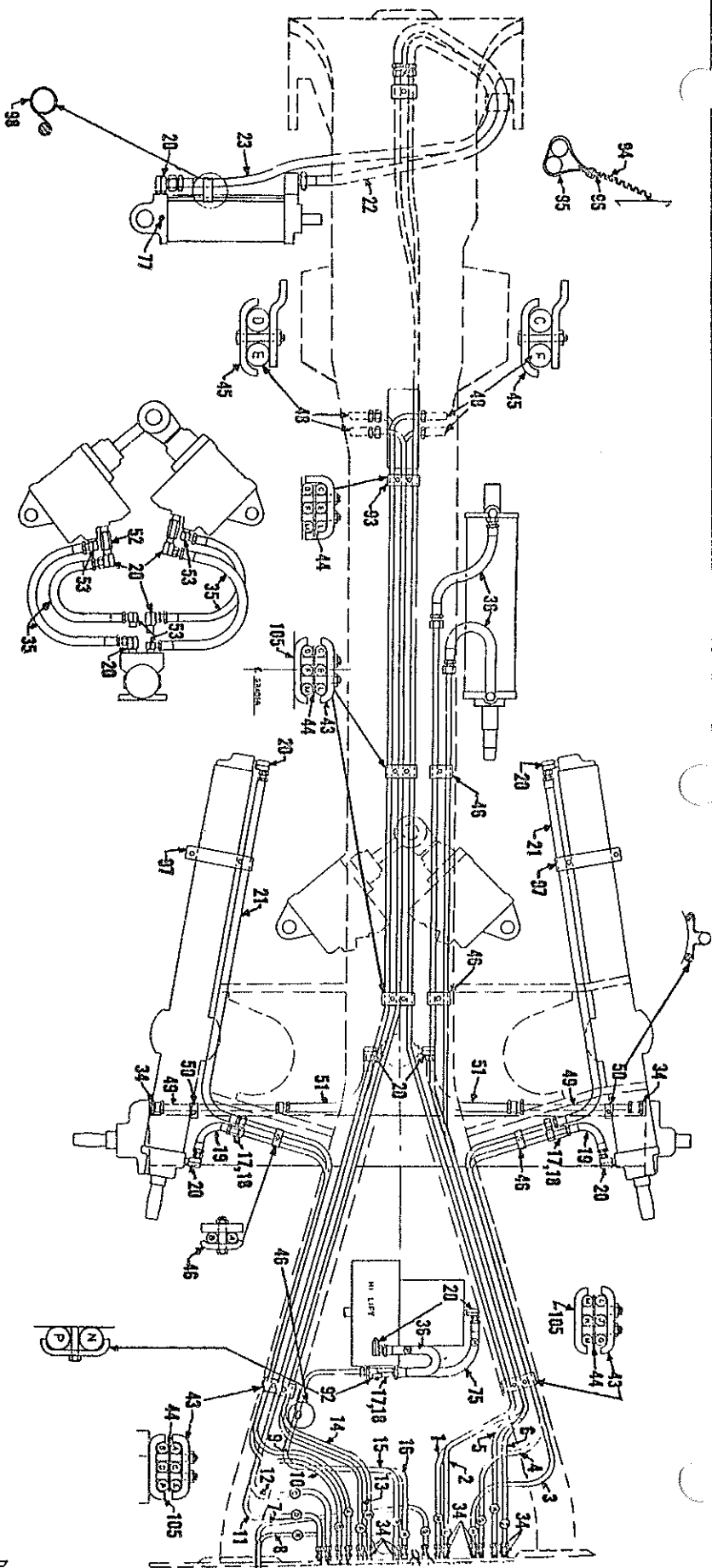
% Indicates 5/8" x 6" x 8' bit or cutting edge.

@ Indicates 5/8" x 6" x 9' bit or cutting edge.

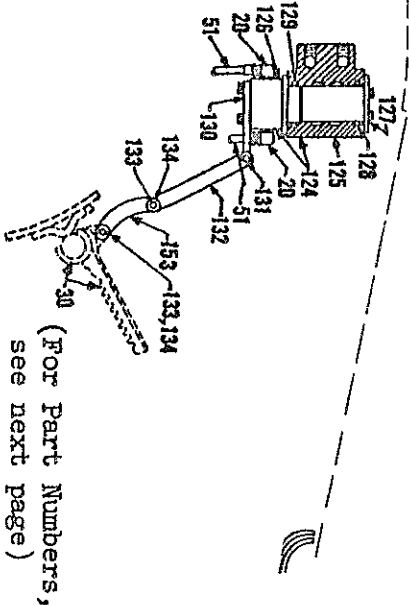
Blade bit or cutting edges are always shipped less the necessary bolts and nuts for installation unless otherwise specified.

& For Pacer 400 and Super 400.

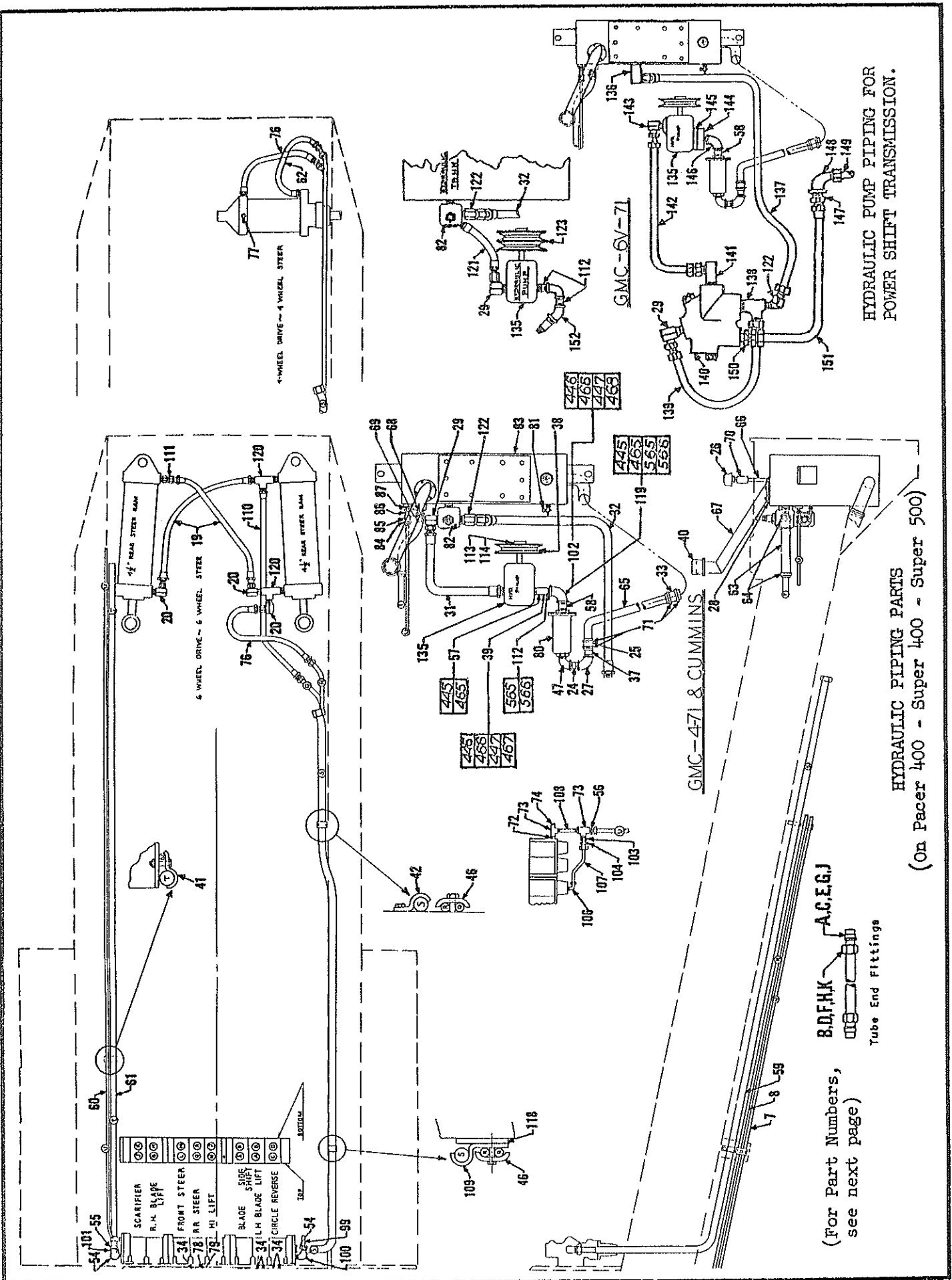
φ For Pacer 500 and Super 500.



HYDRAULIC PIPING PARTS
(On Pacer 400 - Super 400 - Super 500)



(For Part Numbers,
see next page)



HYDRAULIC PIPING PARTS
(ON PACER 400 - SUPER 400 - SUPER 500)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
A	PGF-9496-3		SLEEVE, coupling (for 1/4" O.D. Tube)
B	PGF-9497-3		NUT, coupling (for 1/4" O.D. Tube)
C	PGF-9496-5		SLEEVE, coupling (for 3/8" O.D. Tube)
D	PGF-9497-5		NUT, coupling (for 3/8" O.D. Tube)
E	PGF-9496-7		SLEEVE, coupling (for 5/8" O.D. Tube)
F	PGF-9497-7		NUT, coupling (for 5/8" O.D. Tube)
G	PGF-9496-8		SLEEVE, coupling (for 3/4" O.D. Tube)
H	PGF-9497-8		NUT, coupling (for 3/4" O.D. Tube)
J	PGF-9496-10		SLEEVE, coupling (for 1" O.D. Tube)
K	PGF-9497-10		NUT, coupling (for 1" O.D. Tube)
1	PGF-11837	1	* TUBE - 5/8 O.D. x 193-1/2 approx.
2	PGF-11836	1	* TUBE - 5/8 O.D. x 194 approx.
3	PGF-11835	1	* TUBE - 5/8 O.D. x 70-3/4 approx.
4	PGF-11834	1	* TUBE - 5/8 O.D. x 70-1/4 approx.
5	PGF-11825	1	* TUBE - 5/8 O.D. x 134 approx.
6	PGF-11826	1	* TUBE - 5/8 O.D. x 134-1/2 approx.
7	PGF-14936	2	* TUBE - 5/8 O.D. x 146 approx.
8	PGF-14935	2	* TUBE - 5/8 O.D. x 131 approx.
9	PGF-11842	1	* TUBE - 5/8 O.D. x 68-1/4 approx.
10	PGF-11843	1	* TUBE - 5/8 O.D. x 68-5/8 approx.
11	PGF-11840	1	* TUBE - 5/8 O.D. x 153-1/4 approx.
12	PGF-11844	1	* TUBE - 5/8 O.D. x 158-1/4 approx.
13	PGF-11841	1	* TUBE - 5/8 O.D. x 157 approx.
14	PGF-11845	1	* TUBE - 5/8 O.D. x 157 approx.
15	PGF-11839	1	* TUBE - 5/8 O.D. x 44-1/2 approx.
16	PGF-11838	1	* TUBE - 5/8 O.D. x 43-1/2 approx.
17	PGF-9455	3	BODY, check valve
18	PGF-9454	3	PLUG, check valve
19	PGF-9444	4	HOSE ASSEMBLY (29-1/8" overall length)
20	PGF-12282-5	15	UNION, adapter
21	PGF-9445	2	HOSE ASSEMBLY (35-7/8" overall length)
22	PGF-9449	1	HOSE ASSEMBLY (61-1/8" overall length)
23	PGF-9450	1	HOSE ASSEMBLY (72-3/4" overall length)
24	532227	1	NIPPLE
25	PGF-14858	2	HOSE
26	PGF-14757	1	BREATHING ASSEMBLY
27	523067	1	ELBOW, reducer
28	PGF-16390	1	GASKET, filter screen
29	PGF-12282-7	1	ELBOW
30			TILTING ARM GROUP (see separate page)
31	PGF-16443	1	HOSE ASSEMBLY (18" overall length)
32	PGF-16444	1	HOSE ASSEMBLY (45" overall length)
33	WRF-1293	1	HOSE
34	PGF-10143-7	18	FITTING
35	PGF-9441	4	HOSE ASSEMBLY (19" overall length)
36	PGF-9442	1	HOSE ASSEMBLY (22" overall length)
37	PGF-3815	1	PIPE
38		1	PULLEY, pump (see separate page)
39	532188	1	NIPPLE
40	PGF-9374	1	CAP, breather
41	PGF-9522	2	CLAMP
42	PGF-3710	1	CLIP
43	PGF-16631	8	CLAMP
44	PGF-9532	5	PLATE, clamp
45	PGF-9529	2	CLAMP
46	PGF-11680	9	CLAMP
47	563006	1	ELBOW

Note: * Includes two PGF-9496-7 sleeves and two PGF-9497-7 nuts.

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REF. NO.	PART NO.	QUANTITY	DESCRIPTION
48	PGF-9446	4	HOSE ASSEMBLY (42-1/2 overall length)
49	PGF-10491	2	* TUBE - 5/8 O.D. x 13-1/2 approx.
50	PGF-9970	2	CLAMP
51	PGF-10490	2	HOSE ASSEMBLY (31-3/8 overall length)
52	PGF-10893	2	FITTING
53	PGF-10104-4	4	FITTING
54	PGF-10144-8	2	ELBOW
55	PGF-9825	1	** TUBE - 3/4 O.D. x 7-15/16 approx.
56	PGF-10143-5	1	FITTING
57	532232	1	NIPPLE
58	532240	1	NIPPLE
59	PGF-14934	1	TUBE ASSEMBLY - includes two PGF-9496-8 sleeves, one PGF-9497-8 nut, one PGF-9496-10 sleeve, and one PGF-9497-10 nut
60	PGF-15620	1	*** TUBE - 3/8 O.D. x 113-3/4 approx.
61	PGF-14933	1	**** TUBE - 3/4 O.D. x 10-5/8 approx.
62	BRF-2293	1	HOSE ASSEMBLY (18-7/16 overall length)
63	PGF-16442	1	HOSE
64	034012	2	CLAMP
65	PGF-16184	1	TUBE
66	532102	1	NIPPLE
67	PGF-16385	1	SCREEN ASSEMBLY
68	526010	1	NIPPLE, reducer
69	533143	1	NIPPLE
70	525003	1	COUPLING
71	034014	4	CLAMP
72	532046	1	NIPPLE
73	537002	2	TEE
74	810001	1	PLUG, tee
75	PGF-14942	1	HOSE ASSEMBLY (21 overall length)
76	BRF-2299	2	HOSE ASSEMBLY (23-5/8 overall length)
77	812003	1	PLUG, pipe
78	530139	4	NIPPLE
79	PGF-10145-7	2	ELBOW
80	PGF-16113	1	FILTER
81	ASF-5766	2	PETCOCK
82		1	RELIEF VALVE (see separate page)
83	PGF-16383	1	TANK ASSEMBLY (includes Ref. Nos. 83A,B,C&D)
83A	PGF-14530	1	COVER, tank
83B	PGF-14529	1	GASKET, tank cover
83C	PGF-16390	1	GASKET, screen assembly
83D	PGF-16384-27	14	STUD
84	034105	2	CLAMP
85	PGF-12412	1	HOSE
86	533004	1	NIPPLE
87	526001	1	REDUCER
88	PGF-14352	1	* TUBE - 5/8 O.D. x 105-1/2 approx.
89	PGF-16989	1	* TUBE - 5/8 O.D. x 43-1/2 approx.
90	PGF-16990	1	* TUBE - 5/8 O.D. x 44 approx.
91	PGF-14354	1	* TUBE - 5/8 O.D. x 110-1/2 approx.
92	PGF-9530	1	CLAMP
93	PGF-9531	1	CLAMP
94	PGF-268	1	SPRING
95	PGF-7487	1	STRAP ASSEMBLY
96	PGF-13009	1	LINK, strap
97	PGF-9521	2	CLAMP

Note: ** Includes two PGF-9496-8 sleeves and two PGF-9497-8 nuts.

*** Includes one PGF-9496-5 sleeve and one PGF-9497-5 nut.

**** Includes one PGF-9496-8 sleeve and one PGF-9497-8 nut.

* Includes two PGF-9496-7 sleeves and two PGF-9497-7 nuts.

(continued)

(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
98	PGF-10532	1	CLAMP
99	PGF-11054	1	# TUBE - 3/8 O.D. x 7-3/8 approx.
100	PGF-10144-5	2	ELBOW
101	PGF-9812-8	1	UNION
102	523064	1	ELBOW
103	534001	1	REDUCER
104	PGF-10143-3	1	ADAPTER
105	PGF-16631	1	BRACKET, pipe clamp
106	PGF-10144-3	1	ELBOW
107	PGF-15619	1	% TUBE - 1/4 O.D. x 9-1/4 approx.
108	555061	1	NIPPLE
109	PGF-15403	1	CLIP
110	PGF-10517	1	HOSE ASSEMBLY (11-7/8 overall length)
111	HCF-1568-6	1	FITTING
112	530227	2	NIPPLE
113			SET SCREW } (see pump
114			NUT, heavy jam } pulley page)
115	PGF-16991	1	* TUBE - 5/8 O.D. x 41 approx.
116	PGF-16992	1	* TUBE - 5/8 O.D. x 40-3/8 approx.
117	HCF-6059	1	VALVE, cushion
118	PGF-16630	2	BRACKET, pipe clamp
119	522006	1	ELBOW
120	HCF-1596-3	1	TEE, service
121	PGF-17020	1	HOSE ASSEMBLY (14" overall length)
122	PGF-12287-5	1	COUPLING, 45° male
123		1	PULLEY, pump (see separate page)
124	PGP-1813	1	SWIVEL JUNCTION GROUP (includes Ref. Nos. 125 and 126)
125		1	& BLOCK, junction swivel valve
126		1	& PLUG, junction swivel valve
127	PGF-8989	1	WASHER, swivel valve
128	PGF-9648-2	1	"O" RING, swivel valve
129	PGF-9648-6	1	"O" RING, swivel valve
130	PGF-9413	1	PLATE, connection
131	PGF-9414	1	PIN, connection plate
132	PGF-9751	1	LINK
133	PGF-13175	4	PIN
134	PGF-5930	4	WASHER
135		1	HYDRAULIC PUMP (see separate page)
136	PGF-12286-7	1	SWIVEL, female 90°
137	PGF-17290	1	HOSE ASSEMBLY (45" overall length)
138	HCF-1596-4	1	TEE, service
139	PGF-17291	1	HOSE ASSEMBLY (18" overall length)
140		1	FLOW DIVIDER (see separate page)
141	PGF-12282-9	1	SWIVEL, male 90°
142	PGF-17355	1	HOSE ASSEMBLY (30" overall length)
143	HCF-7630-10	1	UNION, adapter 90°
144	PGF-17257	1	ADAPTER
145	PGF-9648-62	1	"O" RING
146	558006	1	ELBOW, street 90°
147	526015	1	BUSHING, reducer
148	PGF-10145-10	1	ELBOW, female 90°
149	PGF-17064	1	TUBE, assembly
150	HCF-1568-8	1	UNION, adapter
151	PGF-17292	1	HOSE ASSEMBLY (12" overall length)
152	521006	1	ELBOW 45°
153	PGF-10503	1	CONNECTOR

Note: & Indicates parts not sold separately. Order Ref. No. 124 - PGP-1813 swivel junction group from your nearest Austin-Western Distributor.

* Includes two PGF-9496-7 sleeves and two PGF-9497-7 nuts.

Includes two PGF-9496-5 sleeves and two PGF-9497-5 nuts.

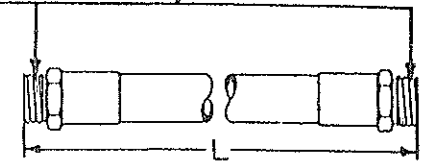
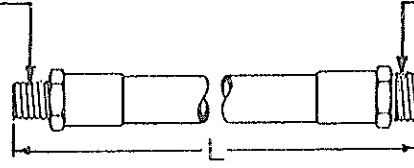
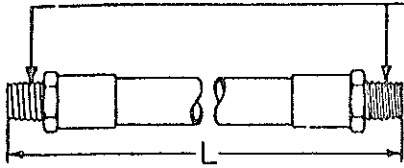
% Includes two PGF-9496-3 sleeves and two PGF-9497-3 nuts.

FACTORY ATTACHED CONNECTIONS

Note: In ordering hose always be governed by the overall length. See (L)

1/2"-14 NPTF FOR 1/2" HYD. HOSE
3/4"-14 NPTF FOR 3/4" HYD. HOSE

15/16"-16UN THD. FOR 1/2" HYD. HOSE
1-5/16"-16UN THD. FOR 3/4" HYD. HOSE



1/2" I.D. HYD. HOSE

1/2" I.D. HYD. HOSE

1/2" I.D. HYD. HOSE

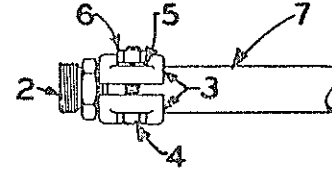
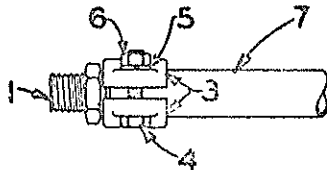
Length (L)	Part No.	Length (L)	Part No.	Length (L)	Part No.
10-3/4"	PGF-16309	11-7/8"	PGF-10517	42-1/2"	PGF-9446
19"	PGF-9441			79-1/4"	PGF-16293
21"	PGF-14942	22"	PGF-9442		
29-1/8"	PGF-9444	23-5/8"	BRF-2299		
36"	HCF-1135	31-3/8"	PGF-10490		
44-1/2"	PGF-16317	35-7/8"	PGF-9445		
		61-1/8"	PGF-9449		
		72-3/4"	PGF-9450		

3/4" I.D. HYD. HOSE

3/4" I.D. HYD. HOSE

3/4" I.D. HYD. HOSE

18"	PGF-16443	45"	PGF-16444		
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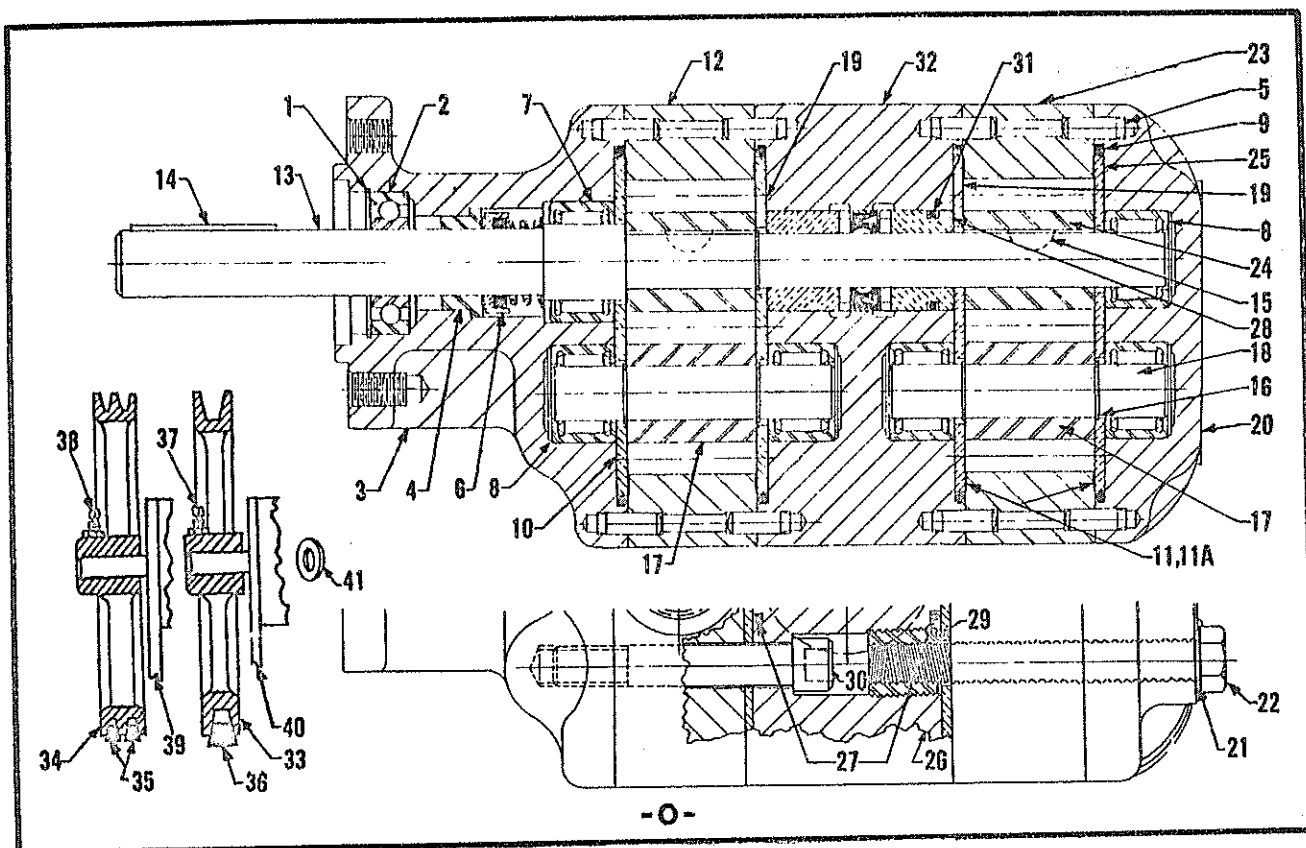


Field Service Hydraulic Hose and Connections

REF. NO.	PART NO. (1/2" I.D. HOSE)	PART NO. (3/4" I.D. HOSE)	QTY. PER HOSE END	DESCRIPTION
1	HCF-368 (1/2"-14 NPTF)	HCF-334 (3/4"-14 NPTF)	1	Stem
2	PGF-9946 (15/16"-16UN THD.)	PGF-15648 (1-5/16"-16UN THD.)	1	Stem
3	PGF-2077	HC-47	2	Clamp
4	742166	742323	2	Cap screw
5	778010	778011	2	Lock washer
6	722002	722003	2	Hex nut
7	1/2" I.D.	3/4" I.D.		Hydraulic hose-specify length wanted

Make up your own hose by keeping a supply of hydraulic hose (in random length) and hose clamps on hand. To determine length of hose required measure the overall length of the hose you wish to duplicate and deduct 2". Cut hose with a high speed hacksaw blade having 18 or 24 teeth per inch.

HYDRAULIC HOSE CHART
(For Pacer 400 - Super 400 - Super 500)



HYDRAULIC DUAL PUMP AND PULLEY (HYDRECO)
(On Pacer 446, 447 - Super 466, 467)

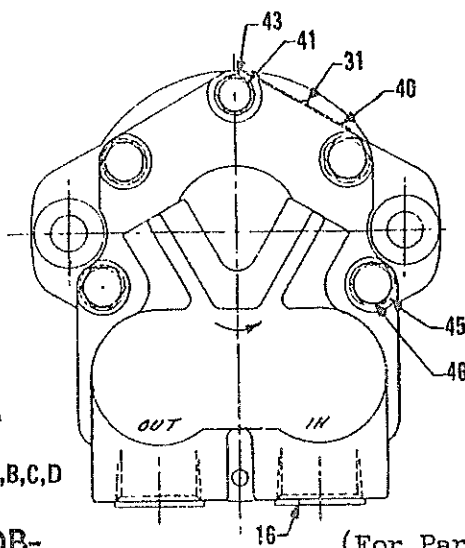
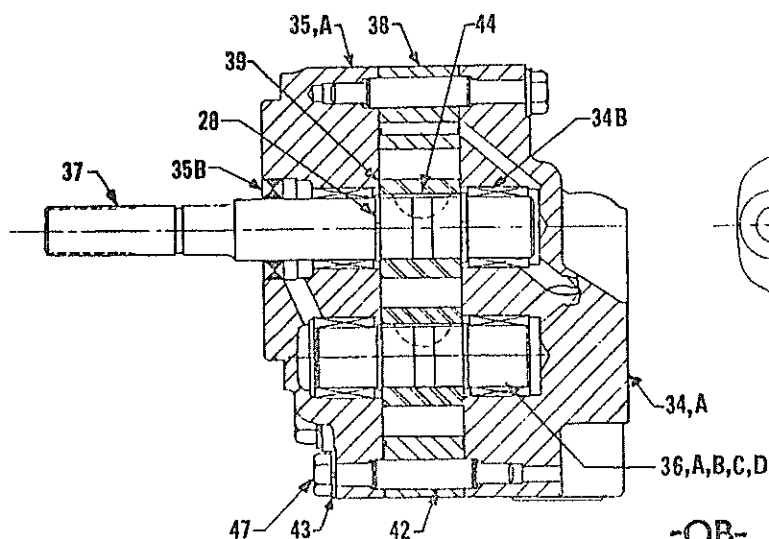
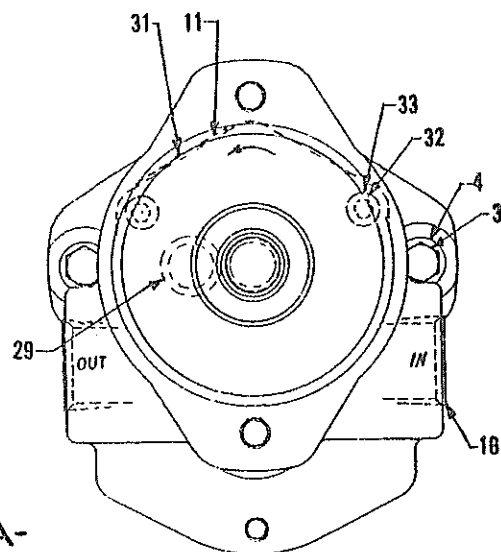
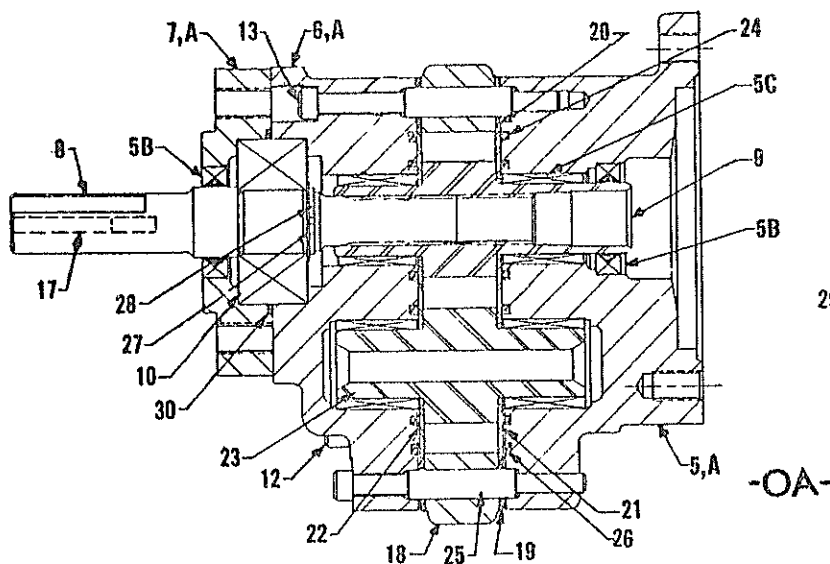
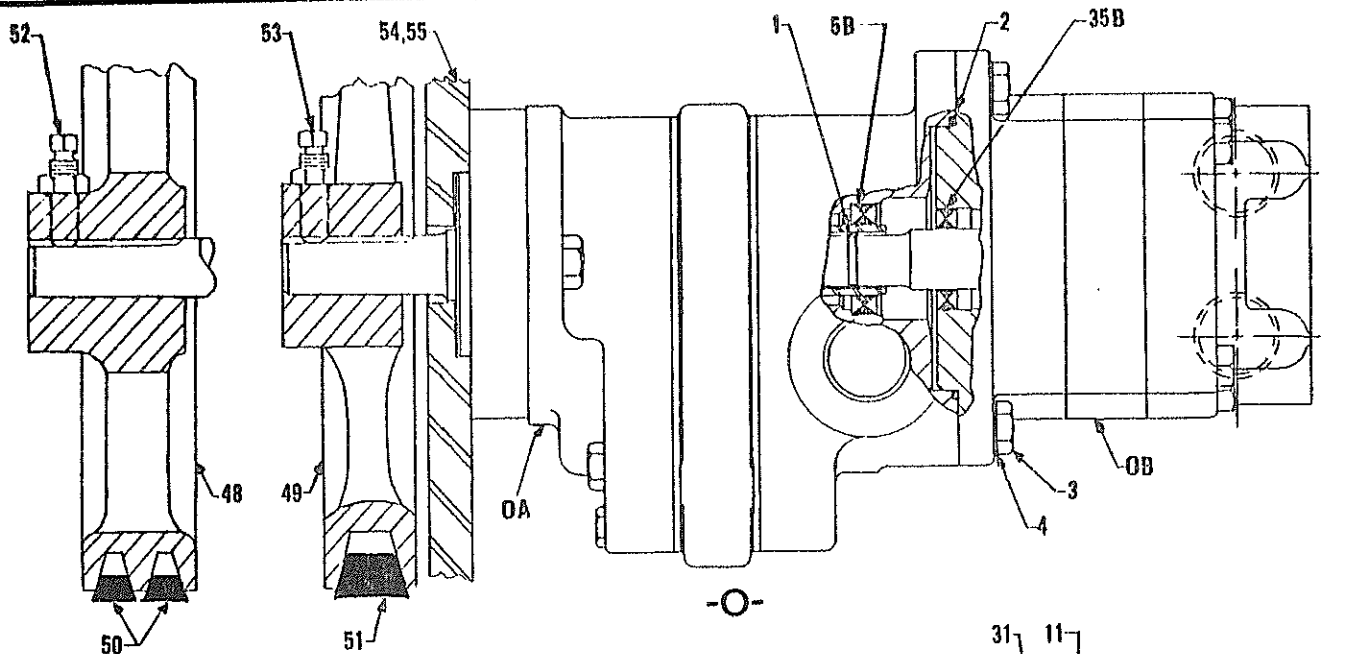
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-16276	1	PUMP GROUP (includes Ref. Nos. 1 to 32 inclusive) - (superseded by PGF-17266)
1	513066	1	RING, snap
2	513067	1	BEARING
3	513068	1	ADAPTER
4	513069	1	SEAT, seal
5	513070	8	PIN, dowel
6	513071	1	SEAL ASSEMBLY
7	513037	1	BEARING
8	513036	5	BEARING
9	513072	4	"O" RING, large
10	513227	1	PLATE, wear
11	513074	As req'd	GASKET
11A	513075	As req'd	GASKET
12	513076	1	HOUSING
13	513225	1	SHAFT, drive
14	513078	1	KEY

(continued)
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(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
15	513034	2	KEY
16	513053	5	RING, snap
17	513079	3	GEAR
18	513080	2	SHAFT, driven
19	513081	2	PLATE, wear
20	513113	1	COVER
21	513083	4	WASHER
22	513230	4	CAPSCREW
23	513224	1	HOUSING
24	513226	1	GEAR
25	513117	1	PLATE, wear
26	513254	1	BEARING PLATE ASSEMBLY
27	513229	4	"O" RING, small
28	513255	1	BUSHING
29	513256	4	SPACER
30	513257	4	CAPSCREW
31	513258	1	"O" RING
32	513259	1	ADAPTER ASSEMBLY (includes items 1 thru 19 and 26 thru 31)
33	PGF-16833	1	PULLEY, single (Cummins C-160 Engine)
34	PGF-16943	1	PULLEY, dual (GMC 471 Engine)
35	PGF-16985	1 Set	"V" BELT, dual (GMC 471 Engine)
36	PGF-15156	1	"V" BELT, single (Cummins C-160 Engine)
37	755053	1	SET SCREW, cup point (Cummins C-160 Engine)
38	755032	2	SET SCREW, cup point (GMC 471 Engine)
39	PGF-16542	1	PLATE, support, Hydraulic pump (GMC 471 Engine)
40	PGF-16034	1	PLATE, support, Hydraulic pump (Cummins C-160 Engine)
41	PGF-13623	1	FELT
42	PGF-16949	1	* SPACER, pump support (Cummins C-160 Engine)

Note: * Parts not illustrated.

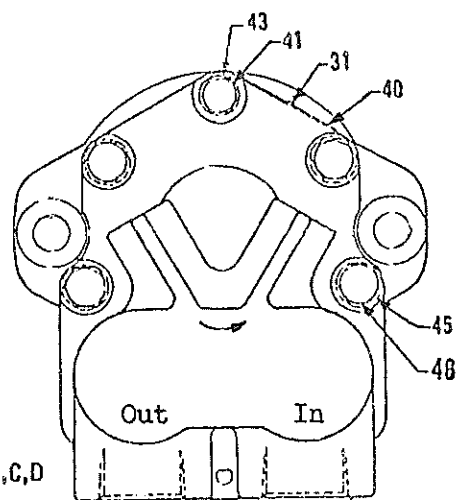
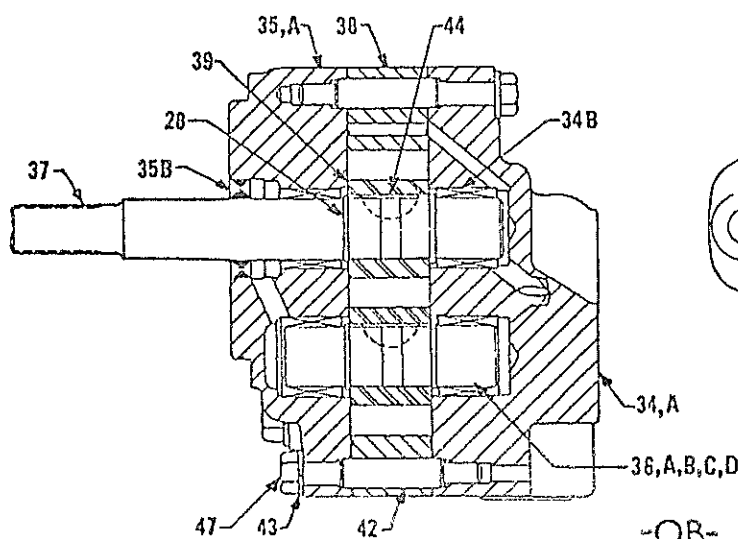
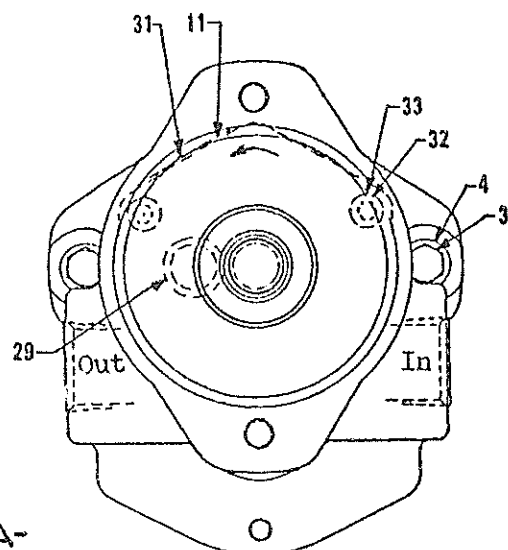
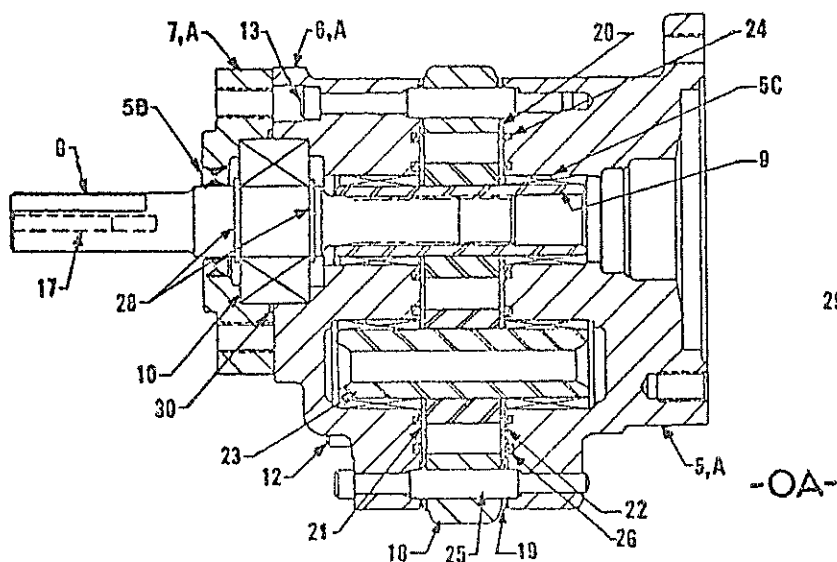
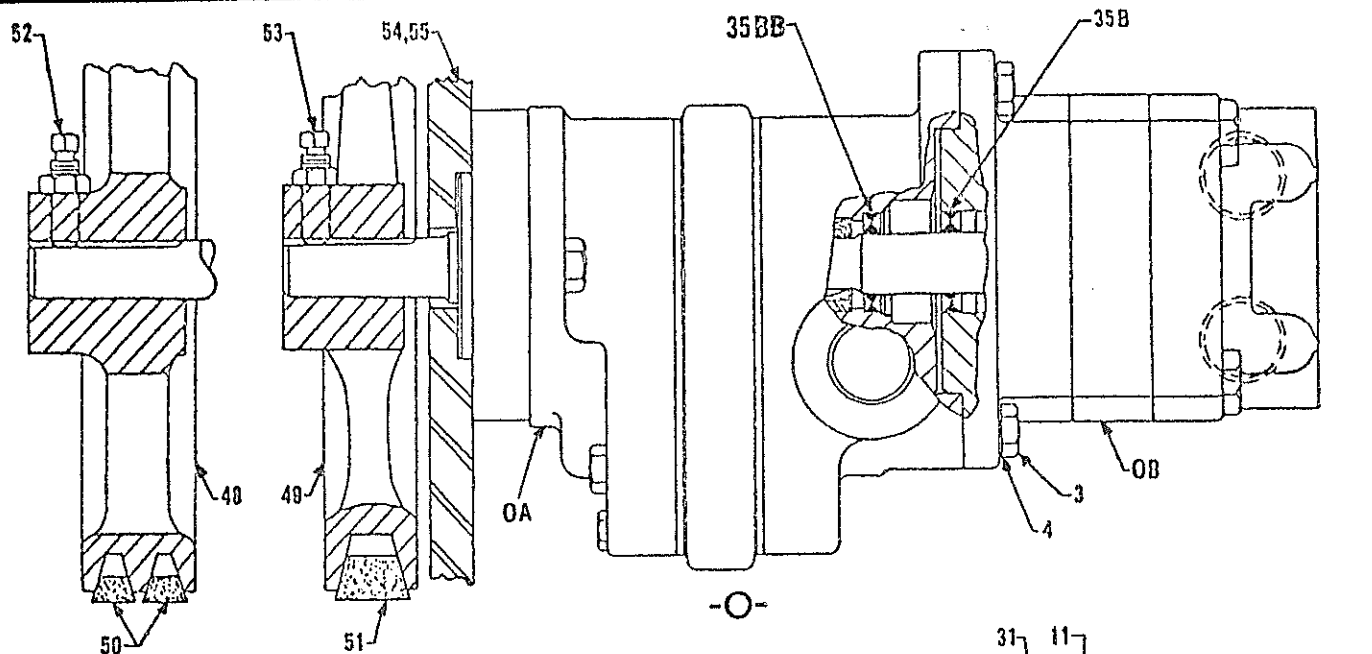


(For Part Numbers, see next page)

HYDRAULIC DUAL PUMP AND PULLEY (WEBSTER)
(On Pacer 446, 447 - Super 466, 467)

HYDRAULIC DUAL PUMP AND PULLEY (WEBSTER)
(On Pacer 446, 447 - Super 466, 467)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-17266	1	PUMP GROUP (includes Ref. Nos. 1 to 47 inclusive)
0A	497006	1	GEAR PUMP ASSEMBLY (includes Ref. Nos. 5 to 33 inclusive)
0B	497003	1	GEAR PUMP ASSEMBLY (includes Ref. Nos. 34 to 47 inclusive, also Ref. 16, 28 and 31)
1	497001	1	"O" RING
2	497002	1	"O" RING
3	497004	2	CAPSCREW
4	497005	2	WASHER
5	497032	1	COVER ASSEMBLY (includes Ref. Nos. 5A, 1 of 5B, and 2 of 5C)
5A		1	COVER (not sold separately. Order Ref. No. 5)
5B	497034	2	SEAL
5C		4	BEARING, needle (not sold separately. Order Ref. 5)
6	497036	1	BODY ASSEMBLY (includes Ref. Nos. 6A & 2 of 5C)
6A		1	BODY (not sold separately. Order Ref. No. 6)
7	497038	1	ADAPTER ASSEMBLY (includes Ref. Nos. 7A & 1 of 5B)
7A		1	ADAPTER (not sold separately. Order Ref. 7)
8	497040	1	SHAFT, drive
9	497041	1	GEAR, drive
10	497042	1	BEARING, ball
11	497021	1	PLATE, name
12	497043	2	SCREW, hex head
13	497044	2	SCREW, hex head
16	497023	2	CAPLUG
17	497045	1	KEY, square
18	497046	1	PLATE, gear
19	497047	2	PLATE, retaining
20	497048	2	SEAL, retaining plate
21	497049	1	PLATE, wear
22	497050	1	PLATE, wear
23	497051	1	GEAR, idler
24	497052	2	RING, sealing
25	497053	2	PIN, dowel
26	497054	2	RING, back-up
27	497055	1	WASHER
28	497024	1	RING, retaining
29	497056	2	"O" RING
30	497057	1	"O" RING
31	497026	2	SCREW, drive
32	497058	4	SCREW, hex head
33	497059	4	WASHER, lock
34	497007	1	COVER ASSEMBLY (includes Ref. Nos. 34A & 2 of 34B)
34A		1	COVER
34B		4	BEARING, needle
35	497010	1	BODY ASSEMBLY (includes Ref. Nos. 35A, 35B and 2 of 34B)
35A		1	BODY (not sold separately. Order Ref. No. 35)
35B	497012	1	SEAL
36	497013	1	IDLER GEAR ASSEMBLY (includes Ref. Nos. 36A,B,C & D)
36A		1	GEAR, idler
36B		1	SHAFT, idler
36C		1	KEY, Woodruff
36D		2	RING, retainer
37	497018	1	SHAFT, drive
38	497019	1	PLATE, gear
39	497020	1	GEAR, drive
40	497021	1	PLATE, name
41	497022	1	SCREW, hex head
42	497025	2	PIN, dowel
43	497027	2	WASHER, lock
44	497028	1	KEY, Woodruff
45	497029	6	WASHER, lock
46	497030	6	SCREW, hex head
47	497031	1	SCREW, hex head
48	PGF-16943	1	PULLEY, dual (GMC-4-71 Engine)
49	PGF-16833	1	PULLEY, single (Cummins C-160 Engine)
50	PGF-16985	1 Set	"V" BELT, dual (GMC-4-71 Engine)
51	PGF-15156	1	"V" BELT, single (Cummins C-160 Engine)
52	755032	2	SETSCREW, cup point (GMC-4-71 Engine)
53	755053	1	SETSCREW, cup point (Cummins C-160 Engine)
54	PGF-16542	1	PLATE, support, hydraulic pump (GMC-4-71 Engine)
55	PGF-16034	1	PLATE, support, hydraulic pump (Cummins C-160 Engine)
56	PGF-16949	1	SPACER, pump support (Cummins C-160 Engine)(not shown)

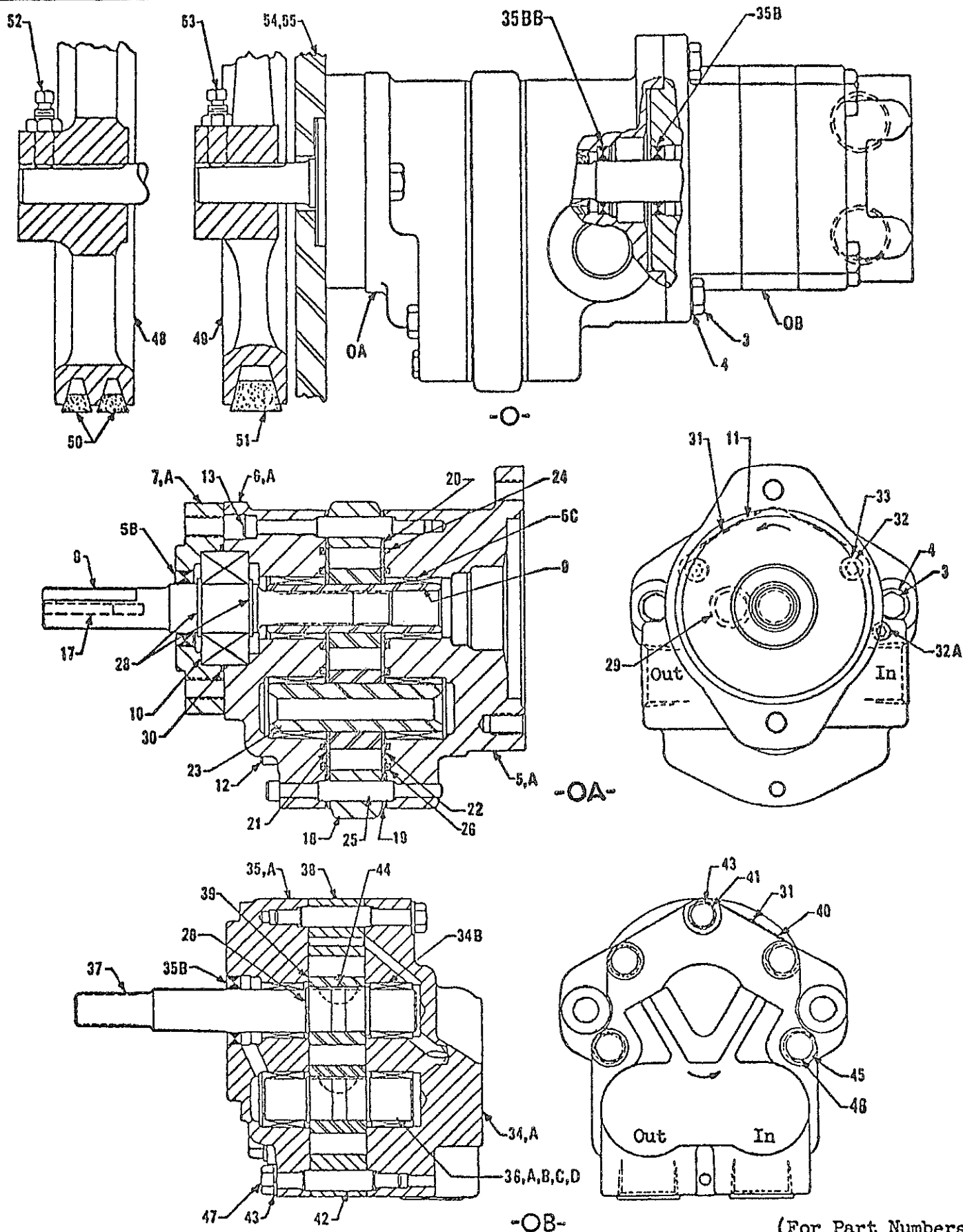


HYDRAULIC DUAL PUMP AND PULLEY (WEBSTER)
(On Pacer 446, 447 - Super 466, 467)

(For Part Numbers,
see next page)

HYDRAULIC DUAL PUMP AND PULLEY (WEBSTER)
 (On Pacer 466, 447 - Super 466, 467)
 (For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-18119	1	PUMP GROUP (includes Ref. Nos. 1 to 47 inclusive)
0A	497084	1	GEAR PUMP ASSEMBLY (includes Ref. Nos. 5 to 33 inclusive)
0B	497085	1	GEAR PUMP ASSEMBLY (includes Ref. Nos. 34 to 47 inclusive, also Ref. 28 and 31)
3	497004	2	CAPSCREW
4	497005	2	WASHER
5	497093	1	COVER ASSEMBLY (includes Ref. Nos. 5A and 2 of 5C)
5A		1	COVER (not sold separately. Order Ref. No. 5)
5B	497099	1	SEAL
5C		4	BEARING, needle (not sold separately. Order Ref. 5)
6	497086	1	BODY ASSEMBLY (includes Ref. Nos. 6A & 2 of 5C)
6A		1	BODY (not sold separately. Order Ref. No. 6)
7	497087	1	ADAPTER ASSEMBLY (includes Ref. Nos. 7A & 5B)
7A		1	ADAPTER (not sold separately. Order Ref. 7)
8	497088	1	SHAFT, drive
9	497120	1	GEAR, drive
10	497090	1	BEARING, ball
11	497021	1	PLATE, name
12	497092	2	SCREW, hex head
13	497044	2	SCREW, hex head
17	497045	1	KEY, square
18	497046	1	PLATE, gear
19	497047	2	PLATE, retaining
20	497048	2	SEAL, retaining plate
21	497049	1	PLATE, wear
22	497050	1	PLATE, wear
23	497121	1	GEAR, idler
24	497052	2	RING, sealing
25	497053	2	PIN, dowel
26	497054	2	RING, back-up
28	497089	1	RING, retaining
29	497056	2	"O" RING
30	497080	1	"O" RING
31	497026	2	SCREW, drive
32	497058	4	SCREW, hex head
33	497059	6	WASHER, lock
34	497096	1	COVER ASSEMBLY (includes Ref. Nos. 34A & 2 of 34B)
34A		1	COVER
34B		4	BEARING, needle } (Not sold separately. Order Ref. No. 34)
35	497010	1	BODY ASSEMBLY (includes Ref. Nos. 35A, 35B and 2 of 34B)
35A		1	BODY (not sold separately. Order Ref. No. 35)
35B	497012	1	SEAL
35BB	497125	1	SEAL
36	497013	1	IDLER GEAR ASSEMBLY (includes Ref. Nos. 36A,B,C & D)
36A		1	GEAR, idler
36B		1	SHAFT, idler
36C		1	KEY, Woodruff
36D		2	RING, retainer } (Not sold separately. Order Ref. No. 36)
37	497095	1	SHAFT, drive
38	497019	1	PLATE, gear
39	497020	1	GEAR, drive
40	497021	1	PLATE, name
41	497022	1	SCREW, hex head
42	497025	2	PIN, dowel
43	497027	2	WASHER, lock
44	497028	1	KEY, Woodruff
45	497029	6	WASHER, lock
46	497030	6	SCREW, hex head
47	497031	1	SCREW, hex head
48	PGF-16943	1	PULLEY, dual (GMC-4-71 Engine)
49	PGF-16833	1	PULLEY, single (Cummins C-160 Engine)
50	PGF-16985	1 Set	"V" BELT, dual (GMC-4-71 Engine)
51	PGF-15156	1	"V" BELT, single (Cummins C-160 Engine)
52	755032	2	SETSCREW, cup point (GMC-4-71 Engine)
53	755053	1	SETSCREW, cup point (Cummins C-160 Engine)
54	PGF-16542	1	PLATE, support, hydraulic pump (GMC-4-71 Engine)
55	PGF-16034	1	PLATE, support, hydraulic pump (Cummins C-160 Engine)
56	PGF-16949	1	SPACER, pump support (Cummins C-160 Engine)-(not shown)

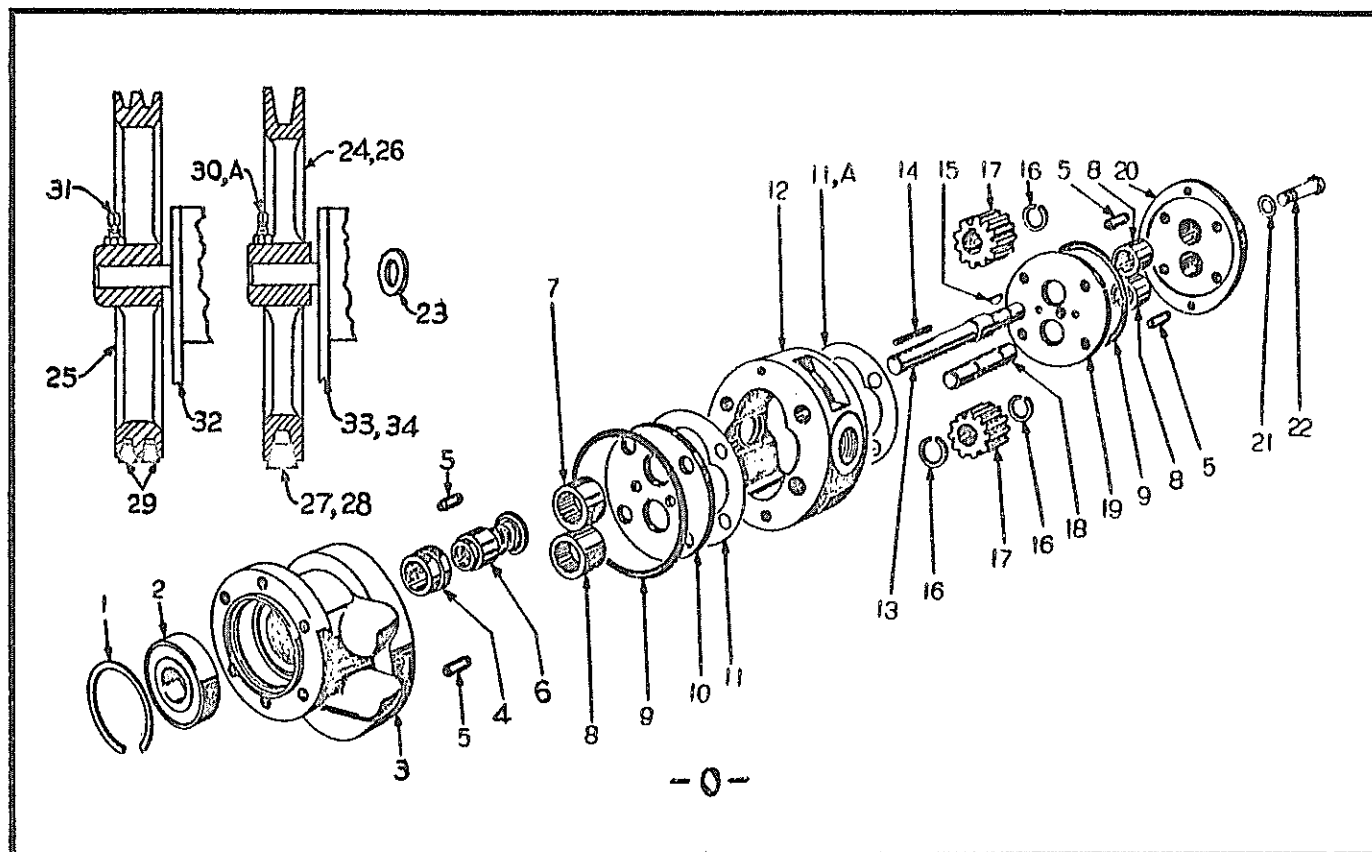


HYDRAULIC DUAL PUMP AND PULLEY (WEBSTER)
(On Pacer 446, 447 - Super 466, 467)

(For Part Numbers,
see next page)

HYDRAULIC DUAL PUMP AND PULLEY (WEBSTER)
 (On Pacer 446, 447 - Super 466, 467)
 (For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
O	PGF-17909	1	PUMP GROUP (includes Ref. Nos. 3 to 47 inclusive)
OA	497122	1	GEAR PUMP ASSEMBLY (includes Ref. Nos. 5 to 33 inclusive)
OB	497085	1	GEAR PUMP ASSEMBLY (includes Ref. Nos. 34 to 47 inclusive, also Ref. 28 and 31)
3	497004	2	CAPSCREW
4	497005	2	WASHER
5	497093	1	COVER ASSEMBLY (includes Ref. Nos. 5A & 2 of 5C)
5A		1	COVER (not sold separately. Order Ref. No. 5)
5B	497099	1	SEAL
5C		4	BEARING, needle (not sold separately. Order Ref. 5)
6	497100	1	BODY ASSEMBLY (includes Ref. Nos. 6A & 2 of 5C)
6A	497124	1	BODY
7	497101	1	ADAPTER ASSEMBLY (includes Ref. Nos. 7A & 5B)
7A	497123	1	ADAPTER
8	497088	1	SHAFT, drive
9	497120	1	GEAR, drive
10	497090	1	BEARING, ball
11	497021	1	PLATE, name
12	497092	2	SCREW, hex head
13	497044	2	SCREW, hex head
17	497045	1	KEY, square
18	497046	1	PLATE, gear
19	497047	2	PLATE, retaining
20	497048	2	SEAL, retaining plate
21	497049	1	PLATE, wear
22	497050	1	PLATE, wear
23	497121	1	GEAR, idler
24	497052	2	RING, sealing
25	497053	2	PIN, dowel
26	497054	2	RING, back-up
28	497089	1	RING, retaining
29	497056	2	"O" RING
30	497080	1	"O" RING
31	497026	2	SCREW, drive
32	497058	4	SCREW, hex head
32A	497106	2	SCREW, hex socket head
33	497059	6	WASHER, lock
34	497096	1	COVER ASSEMBLY (includes Ref. Nos. 34A & 2 of 34B)
34A		1	COVER
34B		4	BEARING, needle } (Not sold separately. Order Ref. No. 34)
35	497010	1	BODY ASSEMBLY (includes Ref. Nos. 35A, 35B and 2 of 34B)
35A		1	BODY (not sold separately. Order Ref. No. 35)
35B	497012	1	SEAL
35BB	497125	1	SEAL
36	497013	1	IDLER GEAR ASSEMBLY (includes Ref. Nos. 36A, B, C & D)
36A		1	GEAR, idler
36B		1	SHAFT, idler
36C		1	KEY, Woodruff
36D		2	RING, retainer
37	497095	1	SHAFT, drive
38	497019	1	PLATE, gear
39	497020	1	GEAR, drive
40	497021	1	PLATE, name
41	497022	1	SCREW, hex head
42	497025	2	PIN, dowel
43	497027	2	WASHER, lock
44	497028	1	KEY, Woodruff
45	497029	6	WASHER, lock
46	497030	6	SCREW, hex head
47	497031	1	SCREW, hex head
48	PGF-16943	1	PULLEY, dual (GMC-4-71 Engine)
49	PGF-16833	1	PULLEY, single (Cummins C-160 Engine)
50	PGF-16985	1 Set	"V" BELT, dual (GMC-4-71 Engine)
51	PGF-15156	1	"V" BELT, single (Cummins C-160 Engine)
52	755032	2	SETSCREW, cup point (GMC-4-71 Engine)
53	755053	1	SETSCREW, cup point (Cummins C-160 Engine)
54	PGF-16542	1	PLATE, support, hydraulic pump (GMC-4-71 Engine)
55	PGF-16034	1	PLATE, support, hydraulic pump (Cummins C-160 Engine)
56	PGF-16949	1	SPACER, pump support (Cummins C-160 Engine)-(not shown)



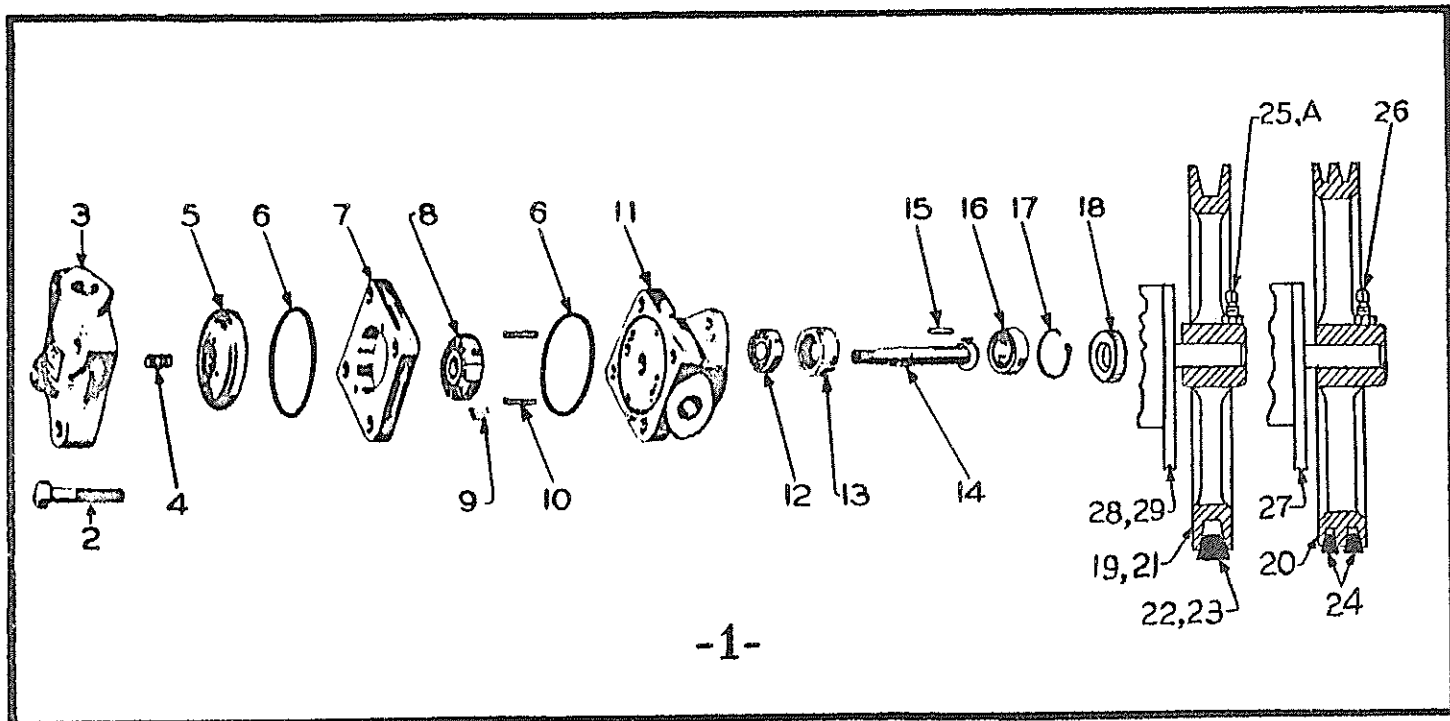
HYDRAULIC SINGLE PUMP AND PULLEY (HYDRECO)
(On Pacer 445 - Super 465 - Super 565, 566)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-15081	1	PUMP GROUP (includes Ref. Nos. 1 to 22 inclusive) - (2 used on Super 566) - (superseded by PGF-17232)
1	513066	1	RING, snap
2	513067	1	BEARING
3	513068	1	ADAPTER
4	513069	1	SEAT, seal
5	513070	4	PIN, dowel
6	513071	1	SEAL ASSEMBLY
7	513037	1	BEARING
8	513036	3	BEARING
9	513072	2	RING, seal
10	513073	1	PLATE, wear
11	513074	As req'd	GASKET
11A	513075	As req'd	GASKET
12	513076	1	HOUSING

(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
13	513077	1	SHAFT, drive
14	513078	1	KEY
15	513034	1	KEY
16	513053	3	RING, snap
17	513079	2	GEAR
18	513080	1	SHAFT, driven
19	513081	1	PLATE, wear
20	513082	1	COVER
21	513083	4	WASHER
22	513084	4	CAPSCREW
23	PGF-13623	1	FELT
24	PGF-16833	1	PULLEY, single (on Pacer 445 - Super 465 with Cummins engine)
25	PGF-16943	1	PULLEY, dual (on Pacer 445 - Super 465 - Super 565, 566 with GMC engines)
26	PGF-17044	1	PULLEY, single, converter oil pump (on Super 566 with GMC-6V-71 engine)
27	PGF-15156	1	"V" BELT, single (on Pacer 445 - Super 465 with Cummins engine and GMC engine)
28	PGF-16984	1	"V" BELT, single, converter oil pump (on Super 566 with GMC-6V-71 engine)
29	PGF-16985	1 Set	"V" BELT, dual (on Pacer 445 - Super 465 - Super 565, 566 with GMC engines)
30	755053	1	SETSCREW, cup point (on Pacer 445 - Super 465 with Cummins engine)
30A	755033	2	SETSCREW, cup point (on Super 566 with GMC-6V-71 engine)
31	755032	2	SETSCREW, cup point (on Pacer 445 - Super 465 - Super 565, 566 with GMC engines)
32	PGF-16542	1	PLATE, support, hydraulic pump (on GMC engines)
33	PGF-16034	1	PLATE, support, hydraulic pump (on Cummins engine)
34	PGF-17049	1	PLATE, support, converter oil pump (on Pacer 546 - Super 566 with GMC-6V-71 engine)
35	PGF-16981	1	* SPACER, converter oil pump support (on Pacer 546 - Super 566 with GMC-6V-71 engine)
36	PGF-16949	1	* SPACER, pump support (on Cummins engine)

Note: * Parts not illustrated.



-1-

HYDRAULIC SINGLE PUMP AND PULLEY (VICKERS)
(On Pacer 445 - Super 465 - Super 565, 566)

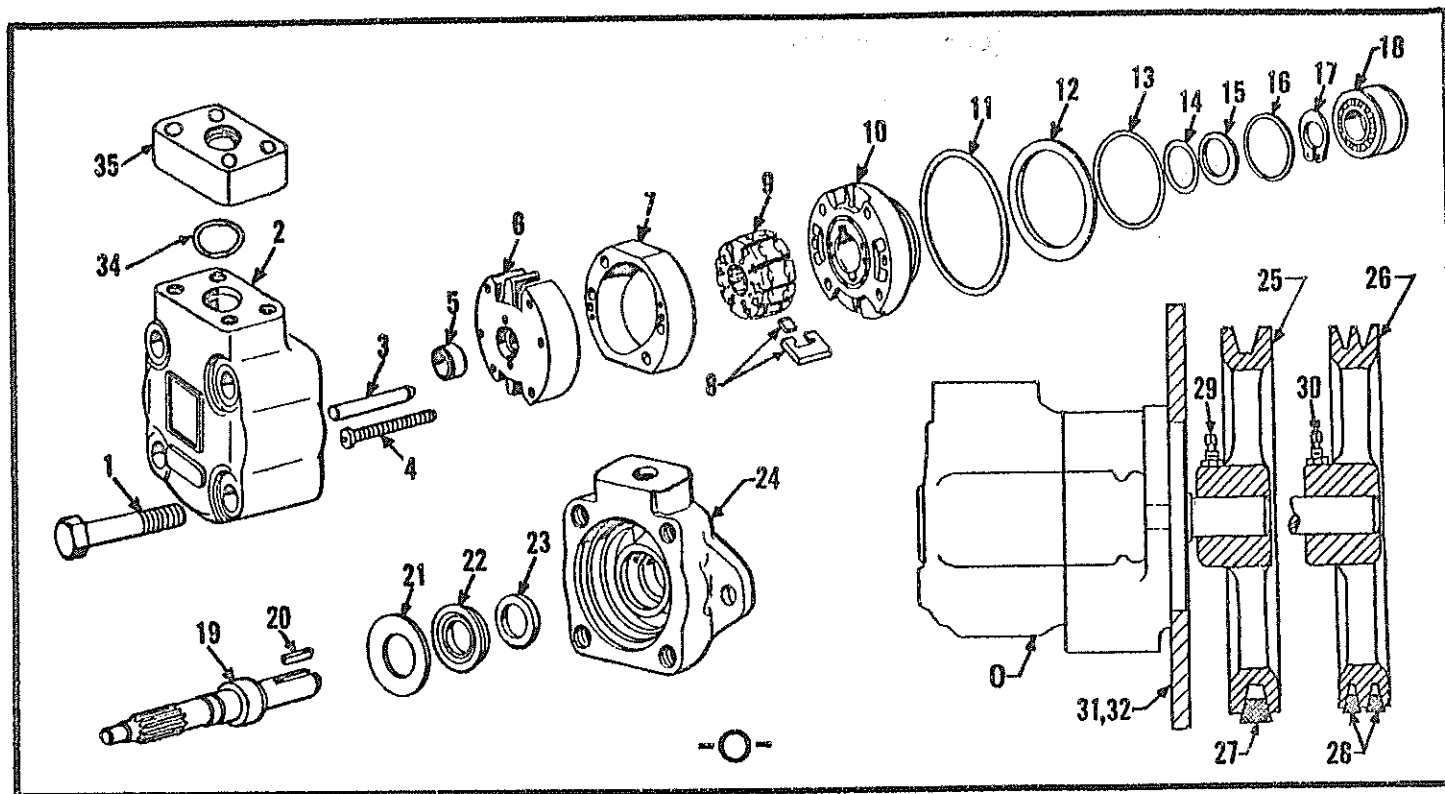
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-17232	1	PUMP GROUP (includes Ref. Nos. 2 to 17 inclusive)-(2 used on Super 566)
2	503201	4	CAPSCREW
3	503116	1	COVER
4	503087	1	SPRING
5	503380	1	PLATE, pressure
6	503145	2	SEAL
7	503426	1	RING
8	503369	1	ROTOR
9	503172	1	VANE KIT (12 vanes)
10	503192	2	PIN
11	503098	1	BODY
12	503008	1	BEARING, ball
13	503531	1	SEAL, oil
14	503093	1	SHAFT
15	503032	1	KEY, shaft

(continued)

(Continued from preceding page)

EF. NO.	PART NO.	QUANTITY	DESCRIPTION
16	503064	1	BEARING, ball
17	503083	1	RING, snap
18	PGF-13623	1	FELT
19	PGF-16833	1	PULLEY, single (on Pacer 445 - Super 465 with Cummins engine)
20	PGF-16943	1	PULLEY, dual (on Pacer 445 - Super 465 - Super 565, 566 with GMC engines)
21	PGF-17044	1	PULLEY, single, converter oil pump (on Super 566 with GMC-6V-71 engine)
22	PGF-15156	1	"V" BELT, single (on Pacer 445 - Super 465 with Cummins engine and GMC engine)
23	PGF-16984	1	"V" BELT, single, converter oil pump (on Super 566 with GMC-6V-71 engine)
24	PGF-16985	1 Set	"V" BELT, dual (on Pacer 445 - Super 465 - Super 565, 566 with GMC engines)
25	755053	1	SETSCREW, cup point (on Pacer 445 - Super 465 with Cummins engine)
25A	755033	2	SETSCREW, cup point (on Super 566 with GMC-6V-71 engine)
26	755032	2	SETSCREW, cup point (on Pacer 445 - Super 465 - Super 565, 566 with GMC engines)
27	PGF-16542	1	PLATE, support, hydraulic pump (on GMC engines)
28	PGF-16034	1	PLATE, support, hydraulic pump (on Cummins engine)
29	PGF-17049	1	PLATE, support, converter oil pump (on Pacer 546 - Super 566 with GMC-6V-71 engine)
30	PGF-16981	1	* SPACER, converter oil pump support (on Pacer 546 - Super 566 with GMC-6V-71 engine)
31	PGF-16949	1	* SPACER, pump support (on Cummins engine)

Note: * Parts not illustrated.



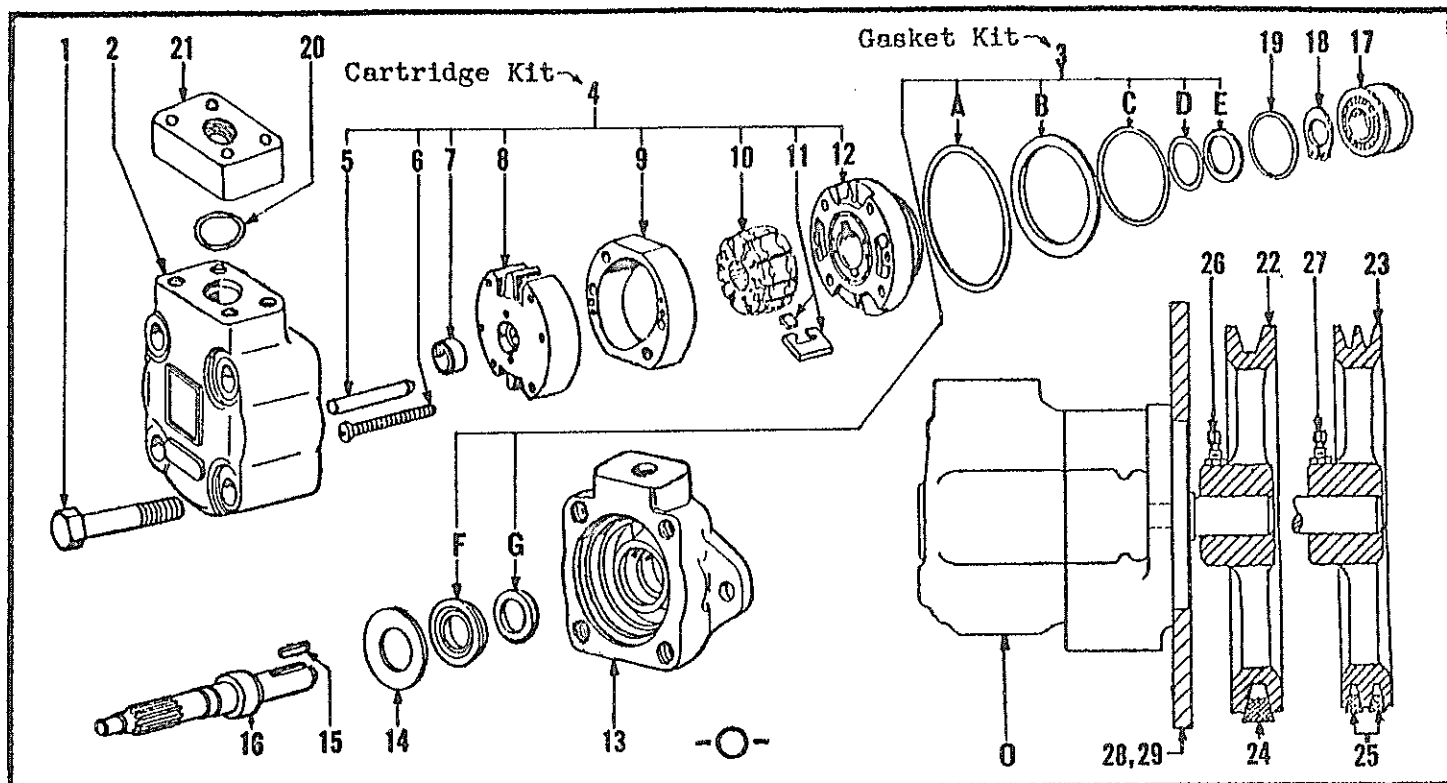
HYDRAULIC SINGLE PUMP AND PULLEY (VICKERS)
(On Pacer 448 - Super 468)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-17264	1	PUMP GROUP (includes Ref. Nos. 1 to 24 inclusive)
1	503384	4	SCREW
2	503385	1	COVER
3	503386	2	PIN
4	503387	2	SCREW
5	503388	1	BUSHING, bearing
6	503389	1	PLATE, wear
7	503468	1	RING
8	503391	1	VANE KIT (includes 10 inserts and 10 vanes)
9	503392	1	ROTOR
10	503393	1	PLATE, pressure
11	503394	1	"O" RING
12	503395	1	RING, back-up
13	503396	1	"O" RING

(continued)
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(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
14	503142	1	"O" RING
15	503397	1	RING, back-up
16	503398	1	RING
17	503399	1	RING, snap
18	503400	1	BEARING
19	503401	1	SHAFT
20	503402	1	KEY
21	503403	1	WASHER
22	503404	1	SEAL, oil
23	503405	1	WIPER
24	503406	1	BODY
25	PGF-17303	1	PULLEY, single (Cummins C-160 engine)
26	PGF-17258	1	PULLEY, dual (GMC-4-71 engine)
27	PGF-17302	1	"V" BELT, single (Cummins C-160 engine)
28	PGF-17260	1 Set	"V" BELT, dual (GMC-4-71 engine)
29	755053	1	SETSCREW, cup point (Cummins C-160 engine)
30	755032	2	SETSCREW, cup point (GMC-4-71 engine)
31	PGF-17259	1	PLATE, support, hydraulic pump (GMC-4-71 engine)
32	PGF-17304	1	PLATE, support, hydraulic pump (Cummins C-160 engine)
33	PGF-16949	1	SPACER, pump support (Cummins C-160 engine) (not shown)
34	PGF-9648-62	1	"O" RING, adapter
35	PGF-17257	1	ADAPTER, pump



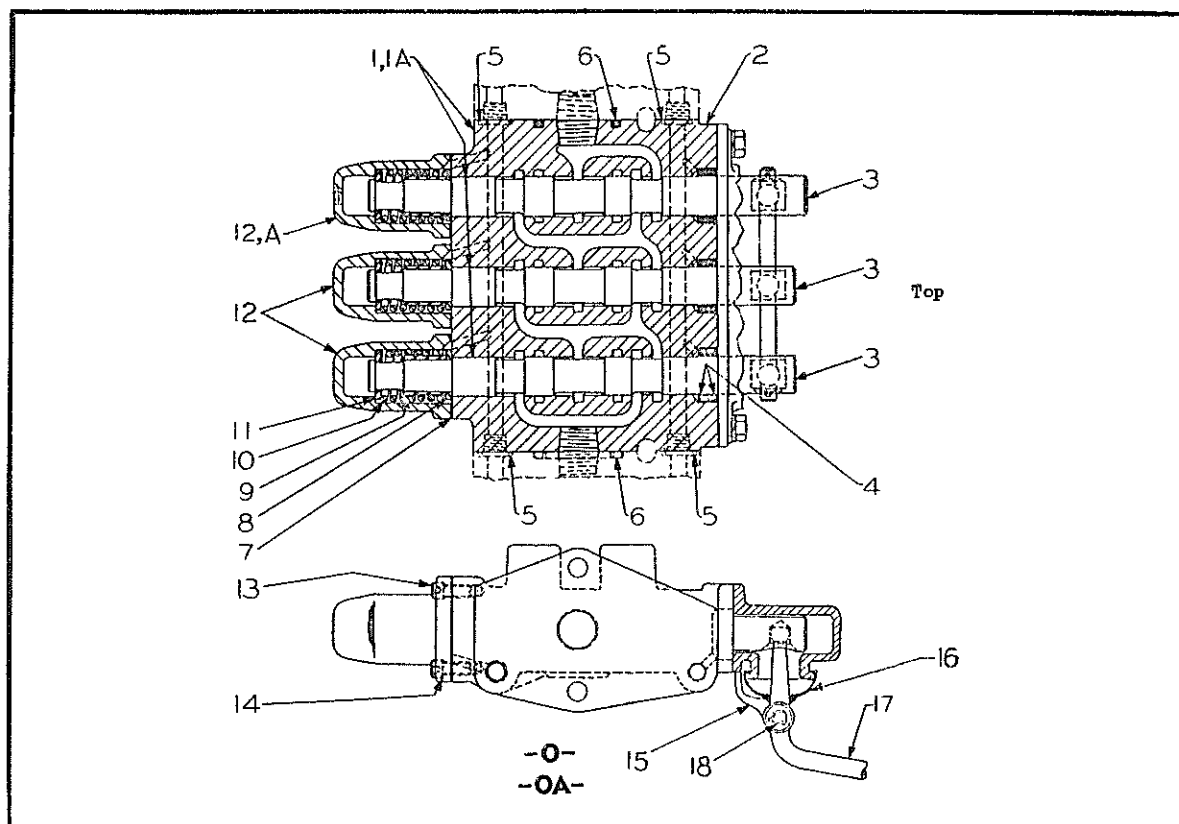
HYDRAULIC SINGLE PUMP AND PULLEY (VICKERS)
(On Pacer 448 - Super 468)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-18324	1	PUMP GROUP (includes Ref. Nos. 1 to 19 inclusive)
1	503517	4	SCREW
2	503518	1	COVER
3	503485	1	GASKET KIT (includes Ref. Nos. 3A to 3G inclusive)
3A		1	RING, sealing
3B		1	RING, back-up
3C		1	"O" RING
3D		1	"O" RING
3E		1	RING, back-up
3F		1	SEAL
3G		1	WIPER
4	503561	1	CARTRIDGE KIT (includes Ref. Nos. 5 to 12 inclusive)
5	503519	2	PIN

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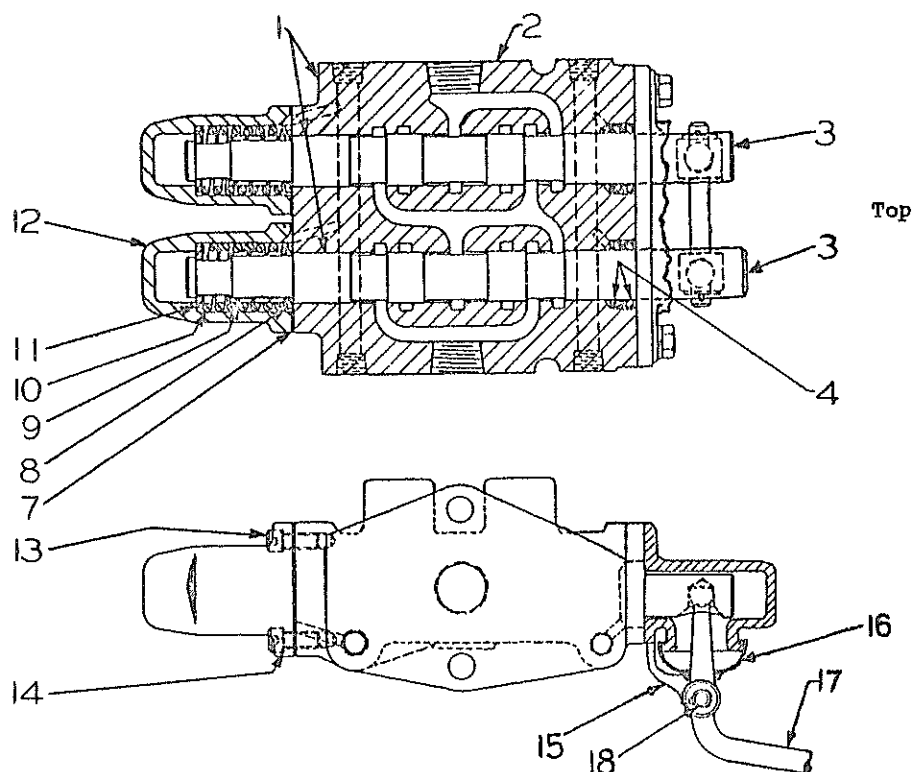
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
6	503520	2	SCREW
7	503476	1	WEAR PLATE (includes Ref. No. 8)
8	503475	1	BUSHING
9	503560	1	RING
10	503523	1	ROTOR
11	503522	1	VANE KIT (includes 10 vanes and 10 inserts)
12	503480	1	PRESSURE PLATE
13	503562	1	BODY
14	503403	1	WASHER
15	503402	1	KEY
16	503525	1	SHAFT
17	503010	1	BEARING
18	503524	1	RING, snap
19	503398	1	RING, snap
20	PGF-9648-65	1	"O" RING, adapter
21	PGF-18077	1	ADAPTER, pump
22	PGF-17303	1	PULLEY, single (Cummins C-160 engine)
23	PGF-17258	1	PULLEY, dual (GMC-4-71 engine)
24	PGF-17302	1	"V" BELT, single (Cummins C-160 engine)
25	PGF-17260	1 Set	"V" BELT, dual (GMC-4-71 engine)
26	775053	1	SETSCREW, cup point (Cummins C-160 engine)
27	775032	2	SETSCREW, cup point (GMC-4-71 engine)
28	PGF-17259	1	PLATE, support, hydraulic pump (GMC-4-71 engine)
29	PGF-17304	1	PLATE, support, hydraulic pump (Cummins C-160 engine)
30	PGF-16949	1	SPACER, pump support (Cummins C-160 engine)-(not shown)



HYDRAULIC CONTROL TRIPLE VALVE
(On Pacer 400 - Super 400 - Super 500)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
	PGU-9306-A	1	VALVE BANK GROUP (consists of one each PGU-9607-A, PGU-9683 and PGU-9682 bolted together)
0	PGU-9683	1	TRIPLE VALVE ASSEMBLY - END (includes Ref. Nos. 1A, 4, and 7 to 16 inclusive except Ref. 12A)
OA	PGU-9682	1	TRIPLE VALVE ASSEMBLY - CENTER (includes Ref. Nos. 1, 4, and 7 to 16 inclusive except 2 only of Ref. 12)
1	PGPA-1931-72	1	BODY WITH TRIPLE VALVE PLUGS - CENTER (includes Ref. Nos. 2 and 3)
1A	PGPA-1931-74	1	BODY WITH TRIPLE VALVE PLUGS - END (includes Ref. Nos. 2 and 3)
2		1	* BODY, valve
3		3	* PLUG, valve (movable)
4	HCF-5980	6	SEAL, oil
5	PGF-9648-25	4	"O" RING
6	PGF-9648-2	2	"O" RING
7	ASF-5105	3	GASKET, valve spring cap
8	PGF-8785	3	WASHER
9	PGF-8781	3	SLEEVE
10	PGF-15988	3	SPRING, valve
11	PGF-8780	3	WASHER
12	AS-1010	3 & 2	CAP, valve spring
12A	PG-2416	1	CAP, valve spring (in Ref. OA)
13	819133	12	CAPSCREW, hollow head
14	HCF-373	12	WASHER, capscREW
15	PG-2350	1	BRACKET, valve lever
16	PGF-15741	3	BOOT
17			LEVER, control (see separate page)
18	PGF-10105	1	PIN

Note: * Indicates parts not sold separately. Order Ref. 1, PGPA-1931-72 or Ref. 1A, PGPA-1931-74, body with triple valve plugs, from your nearest Austin-Western distributor.

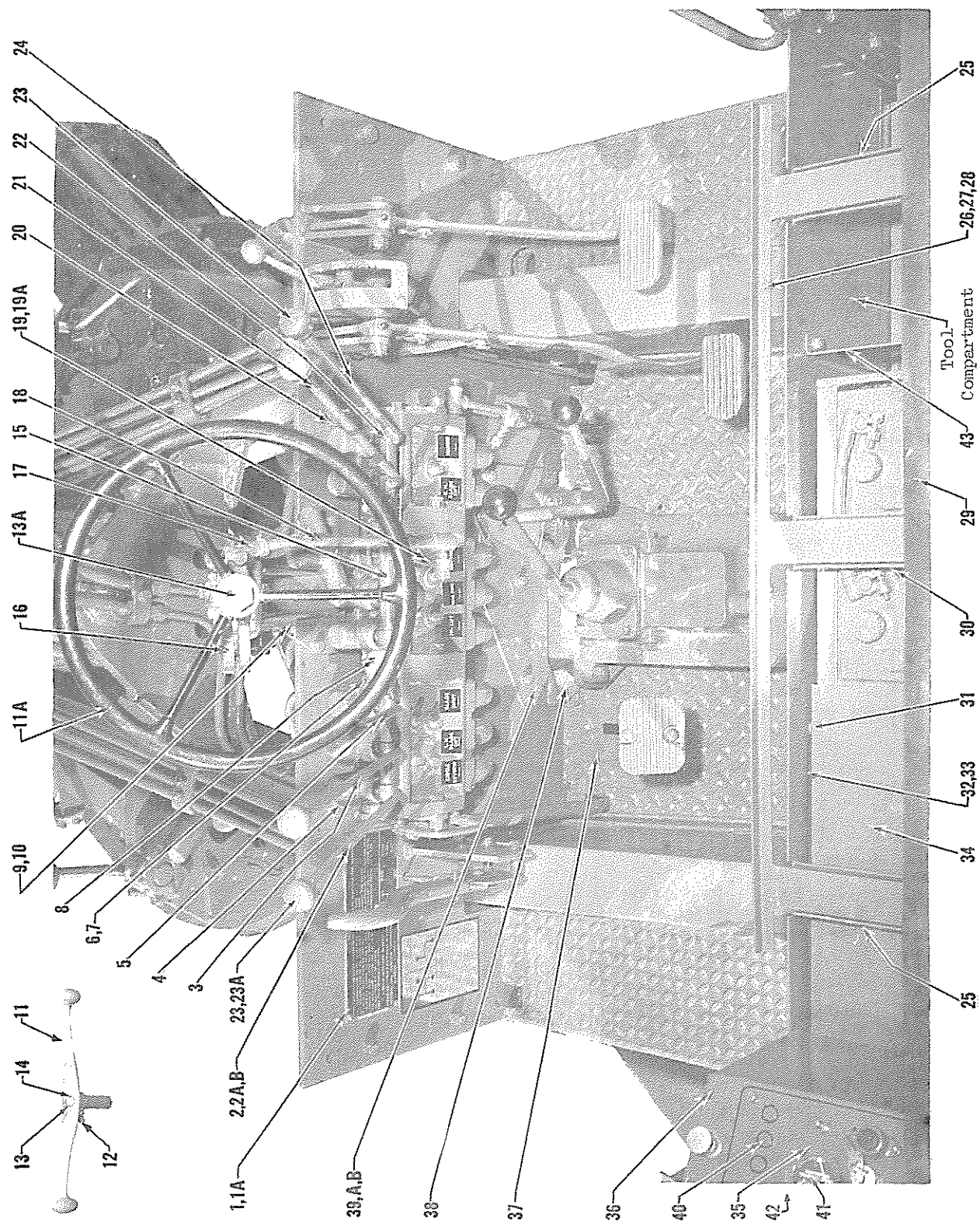


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HYDRAULIC CONTROL TWIN VALVE
(On Pacer 400 - Super 400 - Super 500)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
	PGU-9306-A	1	VALVE BANK GROUP (consists of one each PGU-9607-A, PGU-9683 and PGU-9682 bolted together)
OB	PGU-9607-A	1	TWIN VALVE ASSEMBLY (includes Ref. Nos. 1, and 4 to 16 inclusive)
1	PGPA-1930-73	1	BODY WITH TWIN VALVE PLUGS (includes Ref. Nos. 2 and 3)
2		1	* BODY, valve
3		2	* PLUG, valve (movable)
4	HCF-5980	4	SEAL, oil
7	ASF-5105	2	GASKET, valve spring cap
8	PGF-8785	2	WASHER
9	PGF-8781	2	SLEEVE
10	PGF-15988	2	SPRING, valve
11	PGF-8780	2	WASHER
12	AS-1010	2	CAP, valve spring
13	819133	8	CAPSCREW, hollow head
14	HCF-373	8	WASHER, capscREW
15	PG-2349	1	BRACKET, valve lever
16	PGF-15741	2	BOOT
17			LEVER, control (see separate page)
18	ASF-5109	1	PIN

Note: * Indicates parts not sold separately. Order Ref. 1, PGPA-1930-73, body with twin valve plugs, from your nearest Austin-Western distributor.



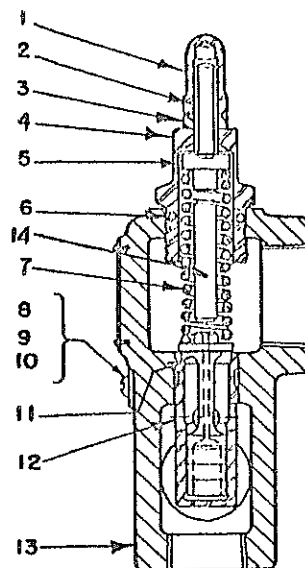
(For Part Numbers, see next page)

HYDRAULIC VALVE CONTROLS, SEAT, AND MISCELLANEOUS PARTS
(On Pacer 400 - Super 400 - Super 500)

HYDRAULIC VALVE CONTROLS, SEAT, AND MISCELLANEOUS PARTS
 (On Pacer 400 - Super 400 - Super 500)
 (For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-17652	1	PLATE, instruction (on Pacer 445, 446 - Super 465, 466 - Super 565, 566)
1A	PGF-17655	1	PLATE, instruction (on Pacer 447 - Super 467)
2	PGF-16193	1	LEVER, valve, circle reverse (for foot type circle latch control)
2A	PGF-16593	1	LEVER, valve, circle reverse (for solenoid type circle latch control)
2B	PGF-17930	1	LEVER, valve, circle reverse (for solenoid type circle latch control)-(effective on Machine No. R400-1662 and up)
3	PGF-16190	1	LEVER, valve, blade lift, L.H.
4	PGF-12615	1	BRACKET, left hand, valve bank
5	PGF-16192	1	LEVER, valve, blade side shift
6	PGF-12043	1	* PLATE, cover, valve bank tubes
7	PGF-10754	16	* FELT, cover plate, valve bank
8	PGF-16191	1	LEVER, valve, high lift
9	PG-2405	1	SUPPORT, steering shaft
10	ASF-5689	2	* BUSHING, steering shaft support
11	PG-1386	1	LEVER, steering
11A			STEERING WHEEL (see duomatic or booster steering page)
12	755053	1	SETSCREW, cup point, steering lever
13	PGF-16368	1	SHAFT, steering lever
13A			SHAFT, steering (see duomatic or booster steering page)
14	111009	3	KEY, Woodruff
	PG-1786	1	* COLLAR, steering lever shaft
	755032	2	* SETSCREW, cup point, steering shaft collar
15	PGF-16194	1	LEVER, valve, rear steer
16	PG-2466	1	LEVER, counterbalance, steering shaft
17	PGF-15602	2	JOINT, ball and socket
18	PGF-15603	1	ROD, adjusting, steering link
19	PG-2418	1	LEVER, front steering valve
19A	PGF-15673	1	* BUSHING, front steer valve lever
20	PGF-12616	1	BRACKET, right hand, valve bank
21	PGF-16189	1	LEVER, valve, blade lift, R.H.
22	HTF-382	1	* SPACER, valve lever (used only on machines not equipped with scarifier)
23	PG-1400	6	BALL, valve lever (was 7 required with Ref. 2)
23A	PGF-16430	1	KNOB, control, circle reverse latch (used with Ref. 2A)
24	PGF-16188	1	LEVER, valve, scarifier
25	PGF-16132	2	BRACKET, adjustable seat (end)
26	PGF-16115	1	SUPPORT, seat and back rest
27	PGF-16125	1	* SEAT CUSHION - regular
28	PGF-17158	1	* SEAT CUSHION - foam rubber (special order)
29	PGF-16110	1	BACK REST
30	PGF-16133	1	BRACKET, adjustable seat (center)
31	PGF-16995	1	ANGLE, dust shroud support
32	PGF-16108	1	COVER PLATE (not used with heater)
33	HCF-1747-28	-	* NUT, cage (1 used with Ref. 32, 8 used with Ref. 40)
34	PGF-16524	1	DUST SHROUD - for cab
35	PGF-16087	1	PANEL, instrument
36	PGF-16088	1	SUPPORT, instrument panel
37	PGF-16994	1	COVER, floor opening (on Pacer 445, 446 - Pacer 545, 546 - Super 465, 466 - Super 565, 566)
38	PGF-16151	1	SEAL, for cab opening
39	PGF-15234	1	PLATE, cab opening seal (on Pacer 445, 446 - Pacer 545, 546 - Super 465, 466 - Super 565, 566)
39A	PGF-17115	1	PLATE, cab opening seal (Pacer 447 - Super 467)
39B	PGF-16150	1	PLATE, cab opening seal (Pacer 448 - Super 468)
40	PGF-16707	As req'd	PLUG (small)
41	PGF-15771	2	* PLUG (large)
42	PGF-16086	1	* COVER PLATE - instrument panel wiring accessibility (cab left side lower wrapper)
43	PGF-15901	1	PARTITION, battery box

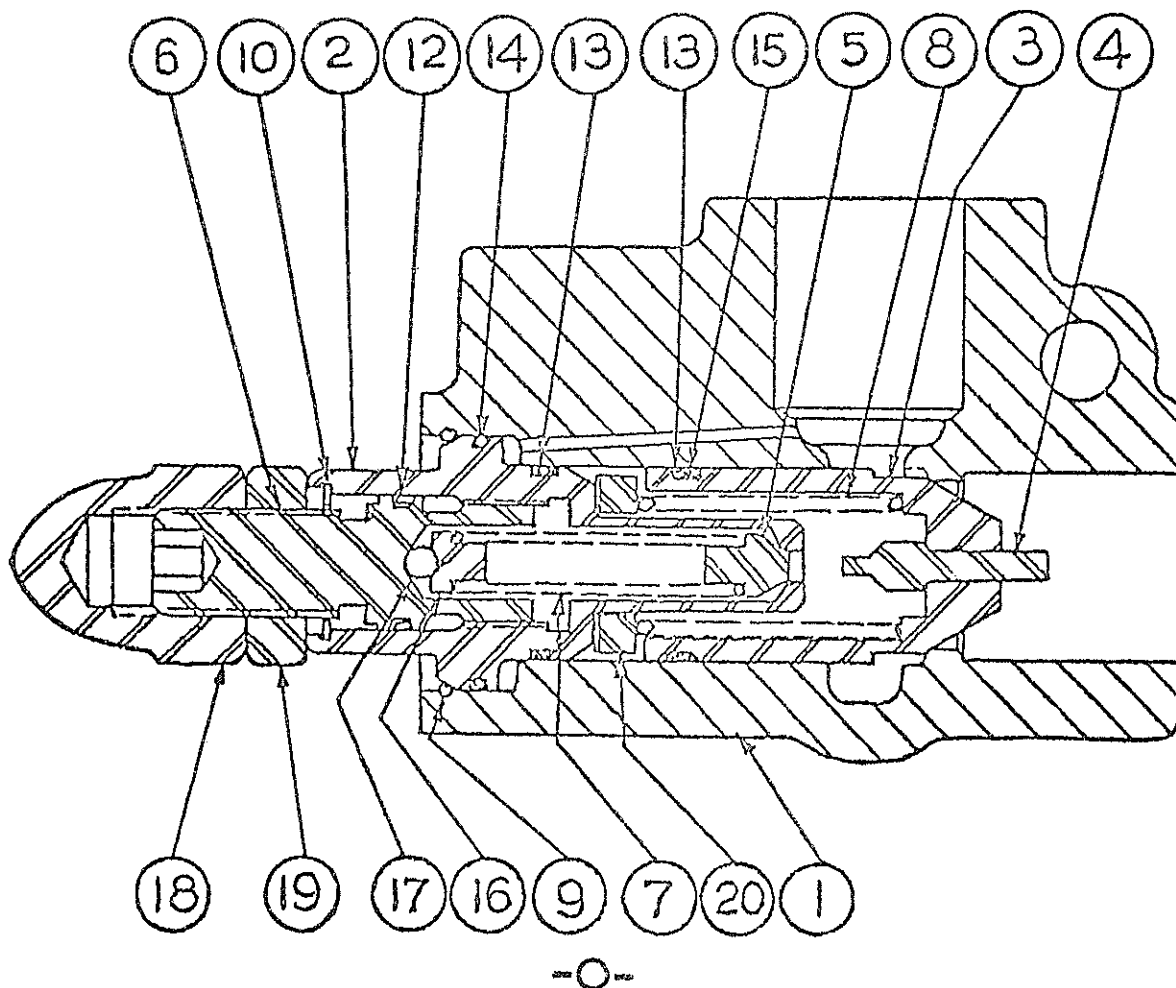
Note: * Parts not illustrated.



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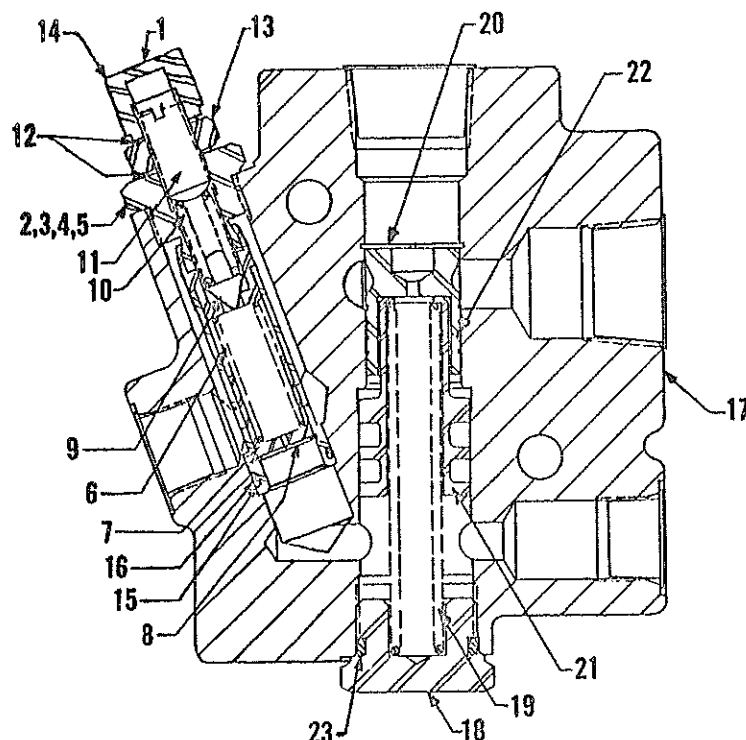
HYDRAULIC RELIEF VALVE
(On Pacer 400 - Super 400 - Super 500)
(Not used on Pacer 448 - Super 468)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	HCF-4825	1	RELIEF VALVE GROUP (includes Ref. Nos. 1 to 14 inclusive)
1	513044	1	NUT, acorn
2	513031	1	SCREW, adjusting
3	513033	1	NUT, jam
4	513049	1	CAP, valve
5	513042	1	GUIDE, spring
6	513038	1	RING, seal
7	513214	1	SPRING, valve
8	513065	1	SETSCREW
9	513061	1	SCREW, machine
10	513062	1	GASKET
11	513041	1	PLUNGER, valve
12	513063	1	SEAT, valve
13	513216	1	HOUSING, valve
14	513215	1	PIN



HYDRAULIC RELIEF VALVE

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-18587	1	RELIEF VALVE GROUP (includes Ref. Nos. 1 to 20 inclusive)
1	501044	1	BODY, valve
2	501043	1	SLEEVE, valve
3	501042	1	VALVE
4	501041	1	PIN, metering
5	501011	1	VALVE, poppet
6	501008	1	SCREW, adjusting
7	501010	1	SPRING
8	501037	1	SPRING
9	501036	1	RING, retaining
10	501012	1	RING, snap
11	501034	1	NAME PLATE (not shown)
12	501009	1	"O" RING
13	501032	2	"O" RING
14	501031	1	"O" RING
15	501030	1	RING, backup
16	501029	1	SPRING
17	501015	1	BALL
18	501027	1	NUT, acorn
19	501019	1	NUT, jam
20	501025	1	SPACER



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FLOW DIVIDER
(On Pacer 448 - Super 468)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-17265	1	FLOW DIVIDER (includes Ref. No. 1 to 23 inclusive)
1	497060	1	CARTRIDGE, relief valve (includes Ref. Nos. 2 to 16 inclusive)
2		1	SLEEVE ASSEMBLY (includes Ref. Nos. 3 to 5 inclusive)
3		1	PLUG
4		1	SEAT, valve
5		1	SLEEVE, relief valve
6		1	SPRING, relief valve
7		1	PISTON, relief valve
8		1	RING, retaining
9		1	VALVE
10		1	SPRING
11		1	SCREW
12		2	GASKET
13		1	NUT, jam
14		1	CAP
15		1	"O" RING
16		1	RING, backup
17		1	BODY (not sold separately. Order Ref. "0")
18	497074	1	PLUG
19	497075	1	SPRING
20	497076	1	RING, retaining
21	497077	1	PISTON
22	497078	1	PISTON
23	497079	1	"O" RING
24	PGF-17288	1	BRACKET, flow divider (not shown)

(Not sold separately
Order Ref. No. 1)

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GMC - 4-71 DIESEL ENGINE AND RELATED PARTS
(For Pacer 400 and Super 400)
(Not Illustrated)

ENGINE AND ATTACHING PARTS

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-17237	1	ENGINE - 4-71 (for Pacer 445 - Super 465) - (see engine parts catalog)
2	PGF-17236	1	ENGINE - 4-71 with GMC - 5125671 flywheel with ring gear (for Pacer 446, 447 - Super 466, 467) - (see engine parts catalog)
3	PGF-17238	1	ENGINE - 4-71 (for Pacer 448 - Super 468) - (see engine parts catalog)
4	PG-2124	1	PULLEY, single groove, hydraulic pump drive (1st Type)
5	PG-2507	1	PULLEY, double groove, hydraulic pump drive (2nd Type)
6	PGF-13075	10	STUD, hydraulic pump drive pulley
7	775123	1	SETSCREW, hydraulic pump support adjustment
8	733005	1	NUT, jam (for Ref. 7)
9	PGF-13569	2	CONTROL (engine governor shut-off and emergency shut-off)
10	HCF-2464	1	CLAMP, emergency shut-off cable
11	PGF-16553	1	SUPPORT, engine, front
12	WRF-1262	2	BOLT, front engine support (to frame)
13	PGF-5909	2	WASHER (for Ref. 12)
14	737005	2	NUT, slotted (for Ref. 12)
15	PGF-12977	2	STUD, front engine support (to engine)
16	734007	2	NUT, slotted (for Ref. 15)
17	PGF-16074	1	SUPPORT, engine, rear, R.H. } (On Pacer 445, 446 -
18	PGF-16073	1	SUPPORT, engine, rear, L.H. } Super 465, 466)
19	PGF-16560	1	SUPPORT, engine, rear, R.H. } (On Pacer 447 -
20	PGF-16561	1	SUPPORT, engine, rear, L.H. } Super 467)
21	PGF-16493	1	SUPPORT, engine, rear, R.H. } (On Pacer 448 -
22	PGF-16492	1	SUPPORT, engine, rear, L.H. } Super 468)
23	ASF-5112	8	STUD, engine support, rear
24	742791	1	BOLT, engine support, rear, R.H. } (On Pacer 445
25	742792	1	BOLT, engine support, rear, L.H. } 446, 448 -
26	PGF-16102	2	WASHER (for Ref. 24 and 25) } Super 465,
27	914007	2	NUT, huglock (for Ref. 24 and 25) } 466, 468)
28	PGF-16567	2	BOLT, engine support, rear
29	PGF-16562	2	WASHER, engine support, rear (to frame) } (on
30	726005	4	NUT (for Ref. 28) } Pacer
31	762006	2	WASHER, plain (for Ref. 28) } 447 -
32	PGF-6795	2	SPRING, engine support, rear } Super
33	WRF-1660	2	SCREW, engine support spring, rear } 467)
34	726011	2	NUT, jam (for Ref. 33)

RADIATOR, CONNECTIONS AND ATTACHING PARTS

35	PGF-16800	1	RADIATOR AND SHELL ASSEMBLY (on Pacer 445 - Super 465) - (includes #562086 radiator, #562089 cap, #562045 overflow tube, and #562046 shell)
36	PGF-16799	1	RADIATOR AND SHELL ASSEMBLY (on Pacer 446, 447, 448 - Super 466, 467, 468) - (includes #562085 radiator, #562089 cap, #562045 overflow tube, and #562046 shell)
37	PGF-16106	1	SHROUD
38	PG-2296	1	ELBOW, lower
39	PG-2128	1	ELBOW, engine oil cooler inlet
40	PG-2455	1	CONNECTION, upper

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(Continued from preceding page)

RADIATOR, CONNECTIONS AND ATTACHING PARTS (continued)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
41	PGF-10792	2	GASKET, upper and lower connections
42	HCF-2815	2	HOSE, upper and lower (2" ID x 1 1/4")
43	HCF-4452-4	4	CLAMP, hose
44	PGF-16035	2	ROD, tie, radiator
45	782006	2	YOKE, radiator tie rod
46	783006	2	PIN, radiator tie rod yoke

RADIATOR SHUTTERS

47	PGF-15208	1	PLATE, outer
48	PGF-15218	1	HANDLE, shutter
49	PGF-15206	1	STUD, shutter
50	PGF-15656	1	SHUTTER, radiator
51	PGF-15217	4	BOLT
52	PGF-6505	4	SPRING

MUFFLER AND ATTACHING PARTS

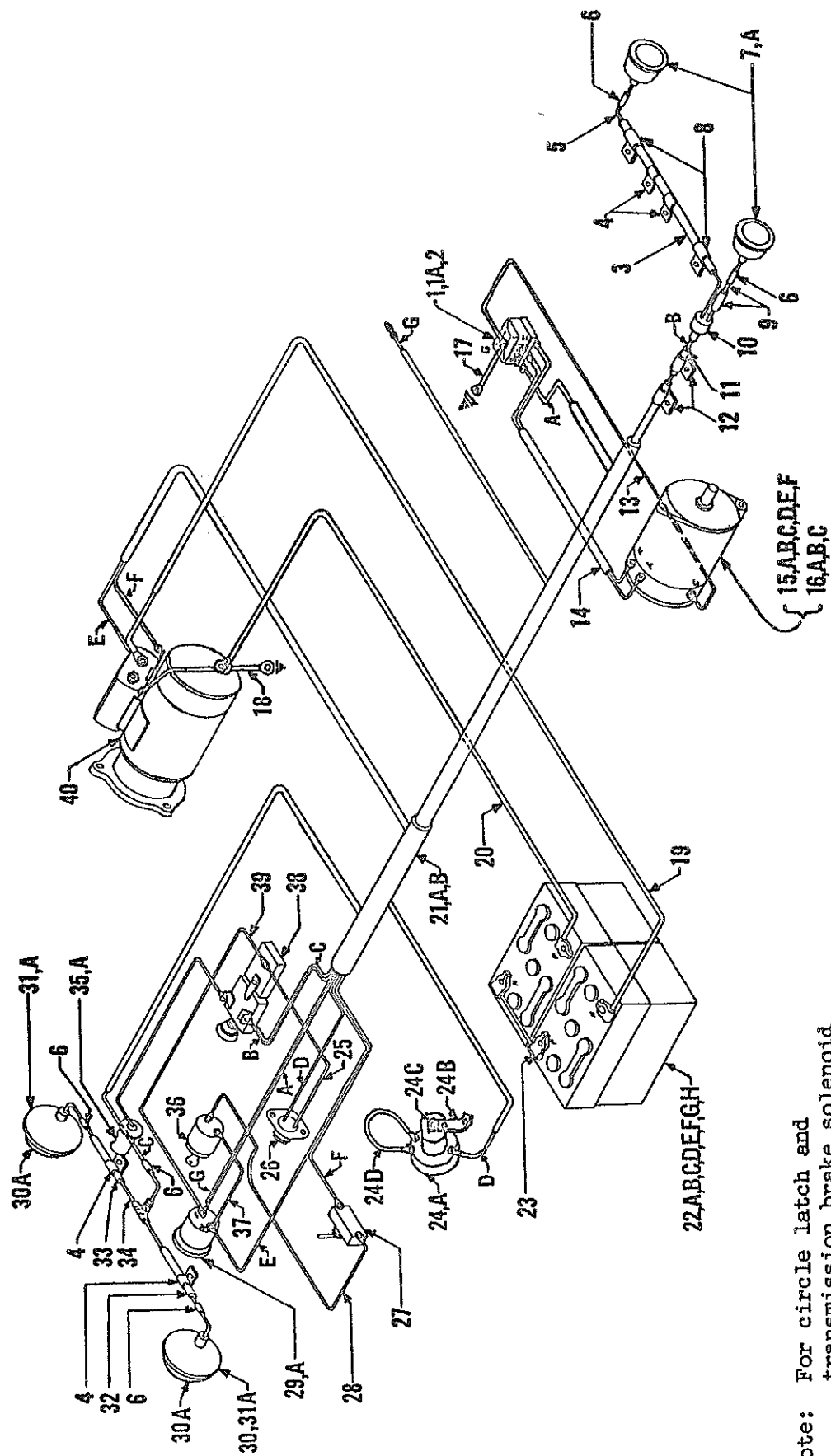
53	PGF-16071	1	MUFFLER
54	PGF-12640	1	CLAMP
55	PGF-12774	1	EXHAUST PIPE
56	PGF-12778	4	STUD, exhaust pipe (7/16" dia.)
56A	HCF-2468	4	STUD, exhaust pipe (3/8" dia.)
57	921005	4	NUT, exhaust pipe stud (brass)
57A	921004	4	NUT, exhaust pipe stud (for Ref. 56A)

AIR CLEANER AND ATTACHING PARTS (OIL BATH TYPE)

58	PGF-17277	1	AIR CLEANER (includes #035090 body, #035085 housed element, #035086 inner oil cup, #035087 oil cup, 2 - #035088 side rod bands, and 2 - #035089 side rods)
59	PGF-15275	1	EXTENSION, stack
60	PGF-12479	1	CAP, stack extension
61	PGF-15417	2	BAND, mounting
62	PGF-16620	1	TUBE
63	PGF-16619	1	ADAPTER (engine blower end)
64	PGF-13910	2	HOSE (4" ID x 4")
65	HCF-4452-6	8	CLAMP, hose

AIR CLEANER AND ATTACHING PARTS (DRY TYPE)

66	PGF-17767	1	AIR CLEANER (includes #035072 cover, #035076 cover gasket, #035126 element, #035077 element gasket, #035128 dust cup, #035078 dust cup gasket, #035127 cover, inner, and #035129 clamp assembly.)
67	PGF-16735	1	EXTENSION, stack
68	PGF-16734	1	CAP, stack extension
69	PGF-16729	1	BAND, mounting
69A	PGF-17829	1	BAND
69B	PGF-18106	1	BAND
70	PGF-16684	1	PLATE, mounting
71	PGF-16769	1	SUPPORT, extension
72	PGF-16770	1	"U" BOLT, extension support
73	PGF-16733	1	ELBOW, extension
74	PGF-16731	1	HOSE (5" ID x 5")-(for Ref. 73)
76	HCF-4452-7	6	CLAMP, hose (for Ref. 74)
77	PGF-16730	1	ADAPTER, outlet (tubular)
77A	PGF-17843-4	1	HOSE (5-1/2" dia. to 4" dia. x 5-1/2" long)
78	PGF-17153	1	TUBE
78A	PGF-17859	1	TUBE
79	PGF-16619	1	ADAPTER (engine blower end)
80	PGF-13910	2	HOSE (4" ID x 4")-(for Ref. 78)
81	HCF-4452-6	8	CLAMP, hose (for Ref. 80)



(For Part Numbers,
see next page)

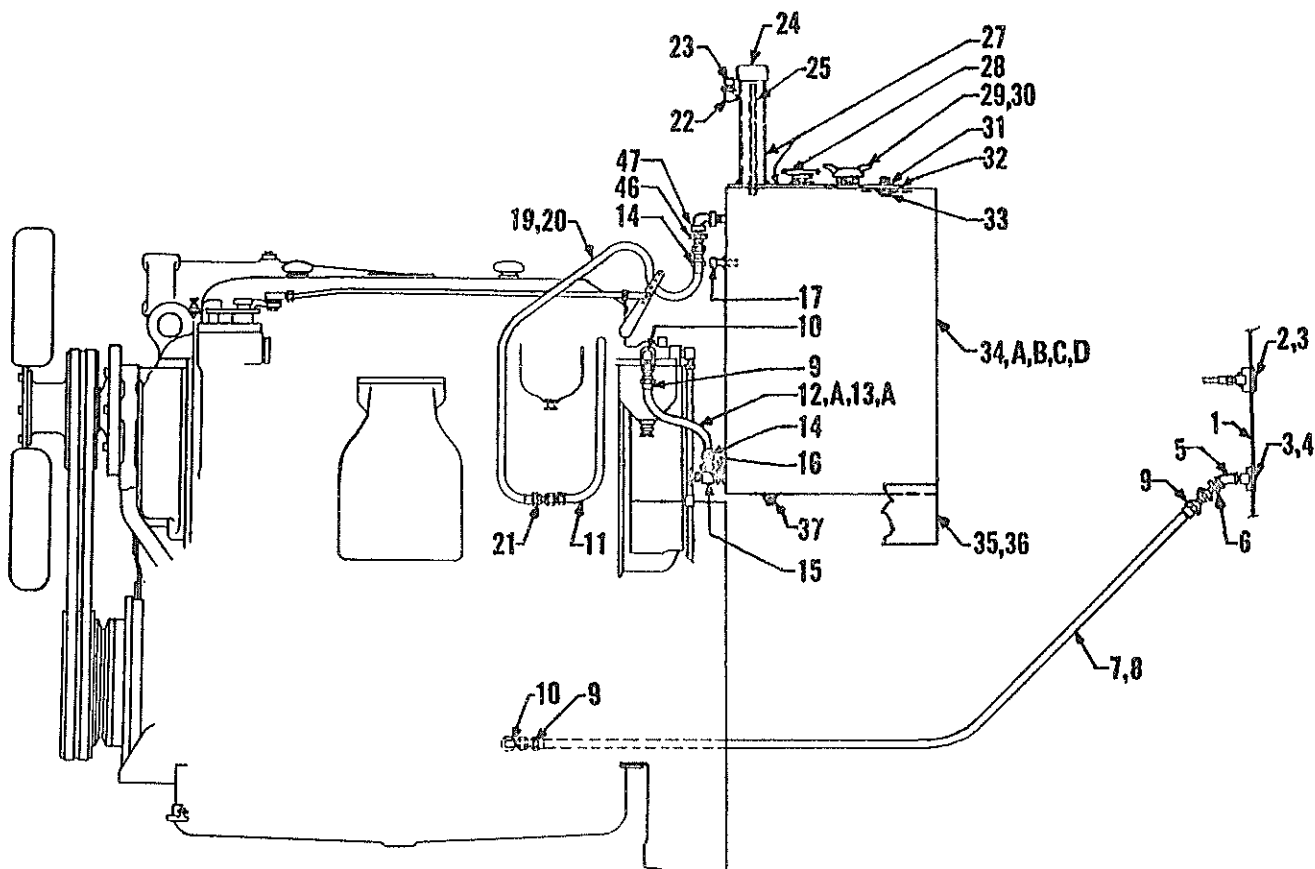
ELECTRICAL ACCESSORIES FOR GMC 4-71 ENGINE

Note: For circle latch and
transmission brake solenoid
wiring, see separate pages

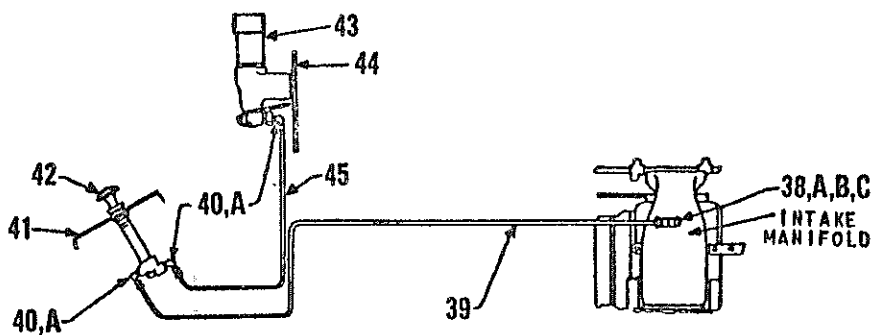
ELECTRICAL ACCESSORIES FOR GMC-4-71 ENGINE
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-14568	1	REGULATOR, voltage (used with Ref. No. 15)
1A	PGF-15957	1	* BRACKET (for Ref. Nos. 1 & 2 & hourmeter)
2	PGF-13568	1	REGULATOR, voltage (used with Ref. No. 16)
3	PGF-11967	1	LOOM, tail light wire
4	PGF-10046	4	CLIP
5	PGF-12652	1	WIRE, R.H. tail light to connector
6	HCF-6357	5	CONNECTOR, 2-wire
7	PGF-16569	2	TAIL LIGHT
7A	PGF-5164	2	* BRACKET (for Ref. No. 7)
8	PGF-9520	2	CLIP
9	PGF-12653	1	WIRE, L.H. tail light to connector
10	PGF-12627	1	CONNECTOR, 3-wire
11	PGF-11424	1	LOOM
12	PGF-2897	2	CLIP
13	PGF-13914	1	WIRE, regulator to generator
14	PGF-16547	1	WIRE ASSEMBLY, generator to regulator
15	PGF-16017	1	GENERATOR (standard equipment)
15A	PGF-13820	1	* BELT (for Ref. Nos. 15 and 16)
15B	PGF-13819	1	* BRACKET
15C	PGF-13911	1	* SPACER
15D	PGF-13818	1	* STRAP
15E	PGF-13817	1	* PULLEY
15F	PGF-17433	1	FAN AND BAFFLE
16	PGF-13573	1	GENERATOR (extra heavy duty - special order)
16A	PGF-14277	1	* BRACKET (for
16B	PGF-14276	1	* PULLEY } Ref. No.
16C	PGF-11536	1	* FAN } 16)
17	PGF-13981	1	WIRE, ground
18	PGF-17502	1	CABLE, ground
19	PGF-16405	1	CABLE, battery to starter solenoid
20	PGF-14662	1	CABLE, battery to starter
21	PGF-16488	1	HARNESS, wiring
21A	HCF-3370	2	* HOSE, protector (for Ref. No. 21)
21B	HCF-4452-4	2	* CLAMP, hose (for Ref. No. 21A)
22	WRF-655	2	BATTERY, 6 volt
22A	PGF-16098	1	* BRACKET, hold down, for batteries
22B	PGF-16092	2	* ROD, battery hold down
22C	PGF-16093	1	* SPACER, for batteries
22D	PGF-16094	1	* BASE, for batteries
22E	PGF-16103	1	* SUPPORT PLATE, bottom, battery and heater
22F	PGF-16104	1	* ANGLE, long - front (for Ref.
22G	PGF-16134	1	* ANGLE, short - rear } No. 22E)
22H	PGF-10120	2	* GROMMET, battery cables
23	PGF-16404	1	CABLE, jumper
24	PGF-9342	1	HORN (1st type - order Ref. Nos. 24A,B,C and D)
24A	HCF-9250	1	HORN (2nd type)
24B	HCF-9251	1	BRACKET
24C	HCF-9252	1	NUT
24D	HCF-6145	1	WIRE, ground
25	PGF-15963	1	WIRE, horn button to light switch
26	PGF-9343	1	BUTTON, horn
27	PGF-17138	1	SWITCH, starter
28	PGF-9506	1	WIRE, starter switch to ignition switch
29	PGF-15810	1	AMMETER
29A	PGF-9282	1	* GASKET, ammeter
30	PGF-11982	1	HEADLIGHT, left hand (includes Ref. No. 30A)
30A	121052	2	SEALED BEAM (12 volt)
31	PGF-11983	1	HEADLIGHT, right hand (includes Ref. No. 30A)
31A	MS-380	2	* SOCKET, headlight mounting
32	PGF-11987	1	LOOM, left hand
33	PGF-11986	1	LOOM, right hand
34	PGF-12654	1	WIRE, headlights
35	ASF-5372	1	LIGHT, dash (less bulb)
35A	PGF-11968	1	* BULB, dash light (3CP-SC,12V)
36	PGF-17351	1	SWITCH, ignition
37	ASF-5791	1	WIRE, ammeter to ignition switch
38	ASF-7478	1	SWITCH, light
39	PGF-13902	1	WIRE, ammeter to light switch
40	PGF-17267	1	MOTOR, starting

Note: * Parts not illustrated.



Fuel and Oil Lines



Ether Starting System

FUEL AND OIL PRESSURE SYSTEM
(For GMC-4-71 Engine)

(For Part Numbers,
see next page)

FUEL AND OIL PRESSURE SYSTEM
(For GMC - 4-71 Engine)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1			PANEL, instrument (see separate page)
2	PGF-15811	1	GAUGE, water temperature
3	PGF-9282	2	GASKET, gauge
4	TF-1530	1	GAUGE, engine oil pressure
5	568001	1	ELBOW, 45°
6	840005	1	CONNECTOR
7	PGF-14524	1	HOSE ASSEMBLY (includes Ref. No. 8 and two Ref. No. 9)
8	451013	1	HOSE (5/16" ID x 73" long)
9	PGF-13619-3	3	CONNECTOR
10	835006	2	ELBOW, 90°
11			TUBE (see engine parts catalog)
12	PGF-16432	1	HOSE ASSEMBLY (includes Ref. No. 13 and one of Ref. Nos. 9 and 14)
12A	PGF-14668	1	HOSE ASSEMBLY (includes Ref. No. 13A and one of Ref. Nos. 9 and 14)-(first used on 445-894, 466-876, and 448-868)
13	451013	1	HOSE (5/16" ID x 11-1/2" long)
13A	451013	1	HOSE (5/16" ID x 37" long)
14	PGF-13619-6	2	CONNECTOR
15	PGF-9338	1	VALVE, needle
16	883002	1	BUSHING, reducer
17	528003	1	CAP, pipe
19	PGF-16433	1	HOSE ASSEMBLY (includes Ref. No. 20, one Ref. No. 14 and Ref. No. 21)
20	451013	1	HOSE (5/16" ID x 38" long)
21	PGF-13618-3	1	CONNECTOR
22	563003	1	ELBOW, street
23	PGF-14757	1	BREATHER
24	528009	1	CAP, pipe
25	PGF-16397	2	TUBE, breather
27	PGF-16050	1	COVER, fuel tank
28	PGF-16242	1	GAUGE, fuel, dip stick
29	PG-2474	1	CAP, filler, fuel tank
30	PGF-9648-70	1	* "O" RING, filler cap
31	WRF-1609-1	10	WASHER, cover
32	PGF-16124	1	GASKET, cover
33	HCF-1747-28	10	NUT, cage (for cover)
34	PGF-18100	1	TANK, fuel
34A	PGF-16617	2	* BRACKET, fuel tank rubber mounting
34B	WRF-2452-5	4	* MOUNT, rubber, fuel tank
34C	WRF-16131	4	* WASHER, fuel tank rubber mounting
34D	PGF-16364	4	* BOLT, fuel tank rubber mounting
35	PGF-16122	1	WRAPPER, R.H., fuel tank
36	PGF-16123	1	WRAPPER, L.H., fuel tank
37	810004	1	PLUG, drain
38	PGF-11414	1	ELBOW NOZZLE ASSEMBLY (includes Ref. Nos. 38A, 38B and 38C)
38A		1	BODY } (not sold separately.
38B		1	JET } Order Ref. No. 38)
38C	PGF-11412-3	1	NUT WITH SLEEVE
39	PGF-15071	1	TUBE
40	PGF-11523	3	ELBOW ASSEMBLY (includes one Ref. No. 40A)
40A	PGF-11523-2	3	NUT WITH SLEEVE
41			SUPPORT, instrument panel (see separate page)
42	PGF-11400	1	PRIMER, engine
43	PGF-12309	1	PUNCTURING TOOL
44	PGF-16526	1	PLATE, mounting
45	PGF-16532	1	TUBE
46	836014	1	CONNECTOR, ball check
47	522002	1	ELBOW - 90° at ball check

Note: * Parts not illustrated

CUMMINS C-160 DIESEL ENGINE AND RELATED PARTS
(For Pacer 400 and Super 400)
(Not Illustrated)

ENGINE AND ATTACHING PARTS

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16402	1	ENGINE - C-160 (for Pacer 445 - Super 465)- (see engine parts catalog)
1A	PGF-17790	1	ENGINE - C-160 CI (for Pacer 445 - Super 465)- (see engine parts catalog)
2	PGF-16171	1	ENGINE - C-160 with Cummins #133616 flywheel with #4851 ring gear (for Pacer 446, 447 - Super 466, 467)-(see engine parts catalog)
2A	PGF-17791	1	ENGINE - C-160 CI with Cummins #133616 flywheel with #4851 ring gear (for Pacer 446, 447 - Super 466, 467)-(see engine parts catalog)
3	PGF-16554	1	ENGINE - C-160 (for Pacer 448 - Super 468)- (see engine parts catalog)
3A	PGF-17792	1	ENGINE - C-160 CI (for Pacer 448 - Super 468)- (see engine parts catalog)
4	PGF-16801	1	FAN (22" dia.)
5	775123	1	SETSCREW, hydraulic pump support adjustment
6	733005	1	NUT, jam (for Ref. 5)
7	PGF-13569	1	CONTROL, emergency shut-off
8	PGF-16834	1	BRACKET (for Ref. 7)
9	HCF-3606	1	CLAMP (for Ref. 7)
10	PGF-16550	1	SUPPORT, engine, front
11	WRF-1262	2	BOLT, front engine support (to frame)
12	PGF-5909	2	WASHER (for Ref. 11)
13	737005	2	NUT, slotted (for Ref. 11)
14	PGF-16105	2	STUD, front engine support (to engine)
15	734007	2	NUT, slotted (for Ref. 14)
16	PGF-16009	1	SUPPORT, engine, rear, R.H.
17	PGF-16008	1	SUPPORT, engine, rear, L.H.
18	PGF-16558	1	SUPPORT, engine, rear, R.H.
19	PGF-16559	1	SUPPORT, engine, rear, L.H.
20	ASF-5112	8	STUD, engine support, rear
21	742791	1	BOLT, engine support, rear, R.H.
22	742792	1	BOLT, engine support, rear, L.H.
23	PGF-16102	2	WASHER (for Ref. 21 and 22)
24	914007	2	NUT, huglock (for Ref. 21 and 22)
25	PGF-16567	2	BOLT, engine support, rear
26	PGF-16562	2	WASHER, engine support, rear (to frame)
27	726005	4	NUT (for Ref. 25)
28	762006	2	WASHER, plain (for Ref. 25)
29	PGF-6795	2	SPRING, engine support, rear
30	WRF-1660	2	SCREW, engine support spring, rear
31	726011	2	NUT, jam (for Ref. 30)

RADIATOR, CONNECTIONS AND ATTACHING PARTS

32	PGF-16387	1	RADIATOR AND SHELL ASSEMBLY (on Pacer 445 - Super 465)-(includes #562087 radiator, #562089 cap, #562045 overflow tube, and #562046 shell)
33	PGF-16059	1	RADIATOR AND SHELL ASSEMBLY (on Pacer 446, 447, 448 - Super 466, 467, 468)-(includes #562088 radiator, #562089 cap, #562045 over- flow tube, and #562046 shell)
34	PGF-16007	1	SHROUD
35	PG-2440	1	ELBOW, lower
36	PG-2297	1	ELBOW, upper
37	PGF-9339	1	PETCOCK, lower connection
38	PGF-14564	1	COVER, lower outlet (on Pacer 446, 447, 448 - Super 466, 467, 468)

(continued)

(Continued from preceding page)

RADIATOR, CONNECTIONS AND ATTACHING PARTS (continued)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
39	PGF-10792	3	GASKET, upper and lower connections (2 used only on Pacer 445 and Super 465)
40	PGF-16127	1	HOSE, lower (2-1/4" ID x 16")
41	HCF-2815	1	HOSE, upper (2" ID x 14")
42	HCF-4452-4	4	CLAMP, hose
43	PGF-16035	2	ROD, tie, radiator
44	782006	2	YOKE, radiator tie rod
45	783006	2	PIN, radiator tie rod yoke

RADIATOR SHUTTERS

46	PGF-15208	1	PLATE, outer
47	PGF-15218	1	HANDLE, shutter
48	PGF-15206	1	STUD, shutter
49	PGF-15656	1	SHUTTER, radiator
50	PGF-15217	4	BOLT
51	PGF-6505	4	SPRING

MUFFLER AND ATTACHING PARTS

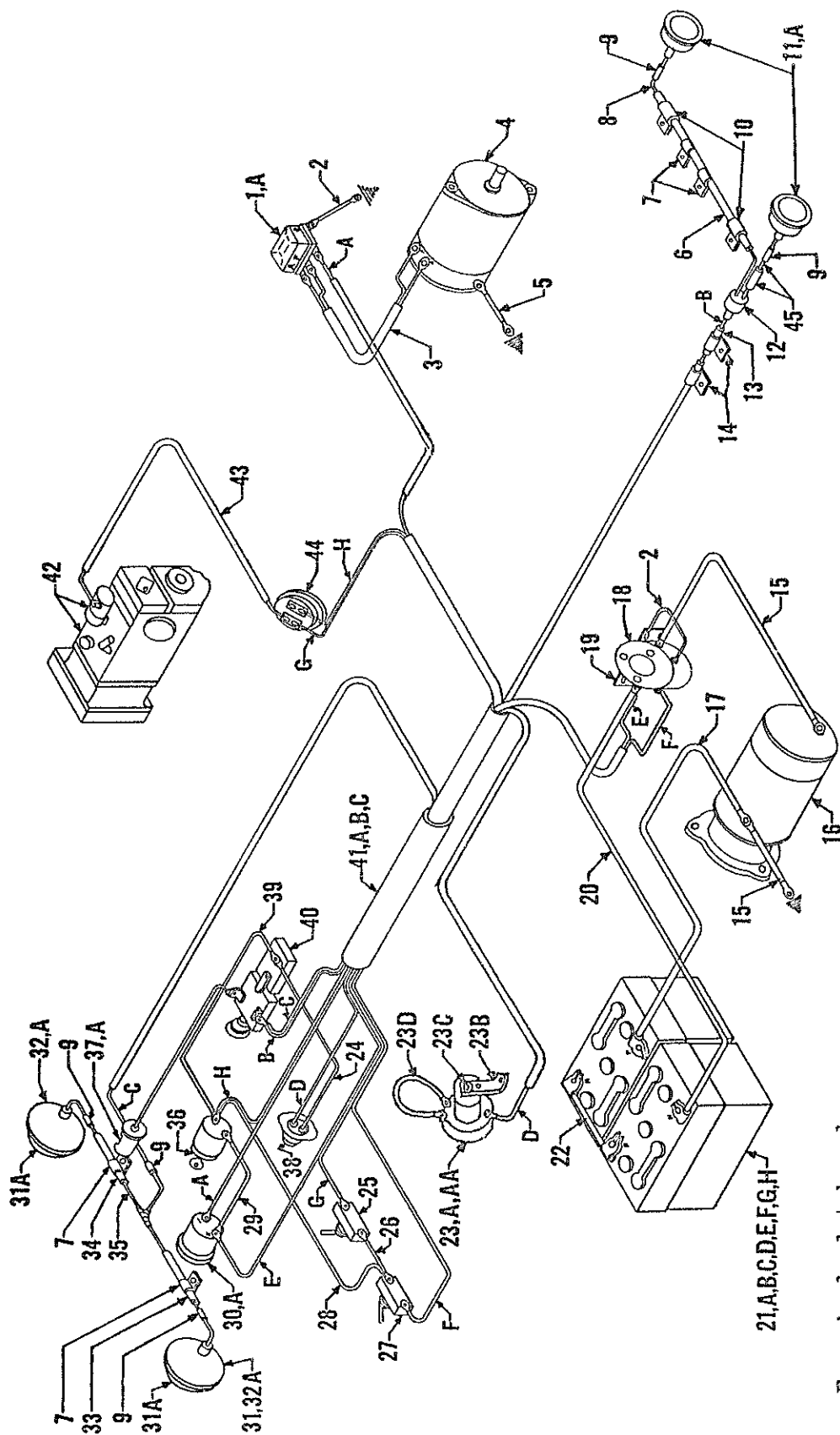
52	PGF-16143	1	MUFFLER
53	HCF-5293	1	CLAMP
54	533452	1	EXHAUST PIPE
55	921005	3	NUT, exhaust pipe bolt (brass)

AIR CLEANER AND ATTACHING PARTS (OIL BATH TYPE)

56	PGF-17275	1	AIR CLEANER (includes #035091 body, #035092 housed element, #035093 oil cup, and #035094 oil cup retaining clamp)
57	PGF-13640	1	EXTENSION, stack
58	PGF-12211	1	CAP, stack extension
59	PGF-13200	2	BAND, mounting
60	PGF-16095	1	TUBE
61	PG-2464	1	FLANGE, adapter, air intake
62	PGF-16139	1	GASKET, air intake flange
63	PGF-16096	1	HOSE, reducer (4" to 3-1/2" ID x 4-1/2")
64	PGF-15072	1	HOSE (3-1/2" ID x 4")
65	HCF-4452-6	8	CLAMP, hose

AIR CLEANER AND ATTACHING PARTS (DRY TYPE)

66	PGF-17747	1	AIR CLEANER (includes #035095 cover, #035096 cover gasket, #035125 cartridge, #035098 cartridge gasket, #035099 dust cup, #035100 dust cup gasket, and #035094 cup clamp, #035123 cover, inner, and #035124 gasket, inner, cover)
67	PGF-17147	1	TUBE, stack extension
68	PGF-17150	1	HOOD, stack extension
69	PGF-13200	3	BAND, mounting
70	PGF-17149	1	SUPPORT, extension
71	PGF-11559	1	"U" BOLT, extension support
72	PGF-18062	1	HOSE, (4" ID x 3-1/2")-(for Ref. 67)
73	PGF-17843-3	1	HOSE, reducer (4" to 3-1/2" ID 5") - (for Ref. 74)
74	PGF-17148	1	TUBE (cleaner to engine)
75	PG-2464	1	FLANGE, adapter, air intake
76	PGF-16139	1	GASKET, air intake flange
77	PGF-15072	1	HOSE (3-1/2" ID x 4")-(for Ref. 74-engine end)
78	HCF-4452-6	12	CLAMP, hose



Note: For circle latch and transmission brake solenoid wiring, see separate pages

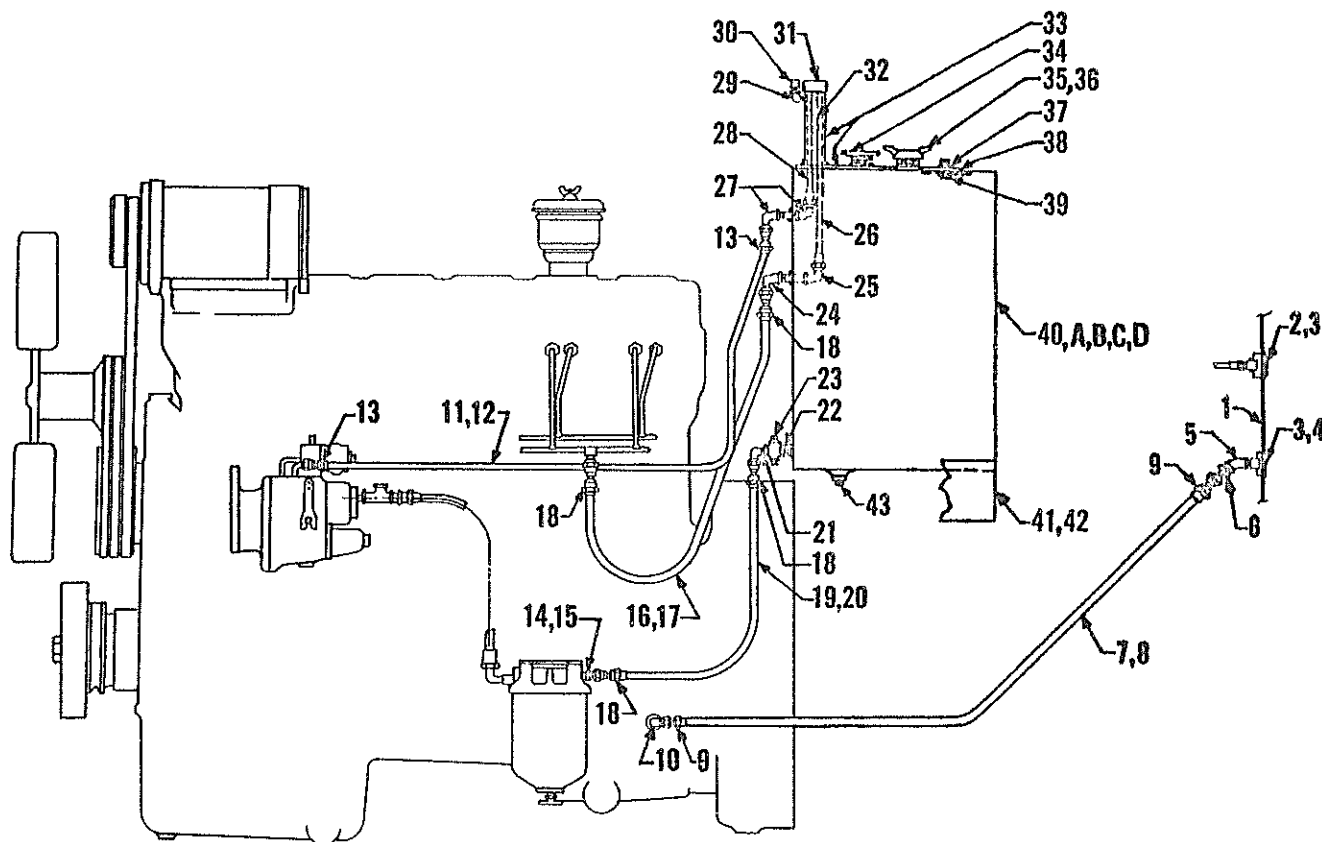
(For Part Numbers, see next page)

ELECTRICAL ACCESSORIES FOR CUMMINS C-160 ENGINE

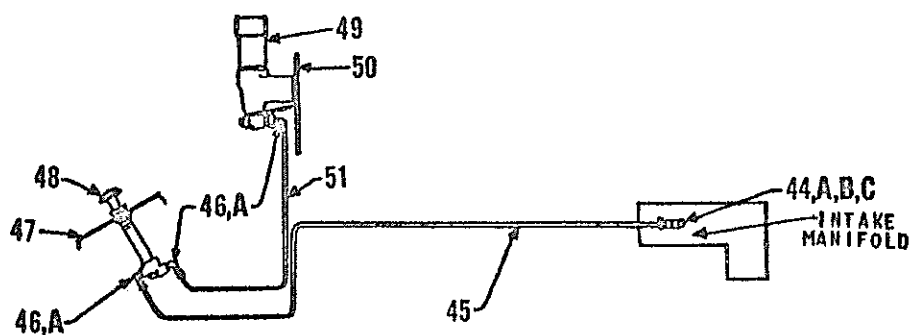
ELECTRICAL ACCESSORIES FOR CUMMINS C-160 ENGINE
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16447	1	REGULATOR, voltage
1A	PGF-16485	1	* BRACKET (for Ref. No. 1 and hourmeter)
2	PGF-16282	2	WIRE, ground
3	PGF-16280	1	WIRE ASSEMBLY, generator to regulator
4			GENERATOR (see engine parts catalog)
5	PGF-16278	1	WIRE, ground
6	PGF-11967	1	LOOM, tail light wire
7	PGF-10046	4	CLIP
8	PGF-12652	1	WIRE, R.H. tail light to connector
9	HCF-6357	5	CONNECTOR, 2-wire
10	PGF-9520	2	CLIP
11	PGF-16569	2	TAIL LIGHT
11A	PGF-5164	2	* BRACKET (for Ref. No. 11)
12	PGF-12627	1	CONNECTOR, 3-wire
13	PGF-11424	1	LOOM
14	PGF-2897	2	CLIP
15	PGF-16279	2	CABLE, ground; and starter to magnetic switch
16			MOTOR, starting (see engine parts catalog)
17	PGF-14662	1	CABLE, battery to starter
18	HCF-3197	1	SWITCH, magnetic
19	PGF-16638	1	BRACKET, magnetic switch
20	PGF-16296	1	CABLE, battery to magnetic switch
21	WRF-655	2	BATTERY, 6 volt
21A	PGF-16098	1	* BRACKET, hold down, for batteries
21B	PGF-16092	2	* ROD, battery hold down
21C	PGF-16093	1	* SPACER, for batteries
21D	PGF-16094	1	* BASE, for batteries
21E	PGF-16103	1	* SUPPORT PLATE, bottom, battery and heater
21F	PGF-16104	1	* ANGLE, long - front } (for Ref.
21G	PGF-16134	1	* ANGLE, short - rear } No. 21E)
21H	PGF-10120	2	* GROMMET, battery cables
22	PGF-16404	1	CABLE, jumper
23	PGF-9342	1	HORN (1st type - order Ref. Nos. 23A,B,C, and D)
23A	HCF-9250	1	HORN (2nd type)
23AA	PGF-18406	1	HORN (3rd type)
23B	HCF-9251	1	BRACKET } (for
23C	HCF-9252	1	NUT } Ref. No.
23D	HCF-6145	1	WIRE, ground } 23A)
24	PGF-15963	1	WIRE, horn button to light switch
25	PGF-17138	1	SWITCH, fuel solenoid valve
26	ASF-7050	1	WIRE, fuel switch to starter switch
27	PGF-17138	1	SWITCH, starter
28	PGF-16543	1	WIRE, starter switch to ignition switch
29	PGF-13902	1	WIRE, ammeter to ignition switch
30	PGF-18424	1	AMMETER
30A	PGF-9282	1	* GASKET, ammeter
31	PGF-11982	1	HEADLIGHT, left hand (includes Ref. No. 31A)
31A	121052	2	SEALED BEAM (12 volt)
32	PGF-11983	1	HEADLIGHT, right hand (includes Ref. No. 31A)
32A	MS-380	2	* SOCKET, headlight mounting
33	PGF-11987	1	LOOM, left hand
34	PGF-11986	1	LOOM, right hand
35	PGF-12654	1	WIRE, headlights
36	PGF-17351	1	SWITCH, ignition
37	ASF-5372	1	LIGHT, dash (less bulb)
37A	PGF-11968	1	* BULB, dash light (3CP-SC, 12V)
38	PGF-9343	1	BUTTON, horn
39	PGF-13902	1	WIRE, ignition switch to light switch
40	ASF-7478	1	SWITCH, light
41	PGF-16500	1	HARNESS, wiring (see Ref. 41C)
41A	HCF-3370	2	* HOSE, protector (for Ref. No. 41)
41B	HCF-4452-4	2	* CLAMP, hose (for Ref. NO. 41A)
41C	PGF-18409	1	HARNESS, wiring (effective R-400-1250 and up)
42			FUEL PUMP AND SOLENOID VALVE (see engine parts catalog)
43	PGF-16283	1	WIRE, fuel solenoid valve to pressure switch
44	PGF-11652	1	SWITCH, pressure
45	PGF-12653	1	WIRE, L.H. tail light to connector

Note: * Parts not illustrated.



Fuel and Oil Lines



Ether Starting System

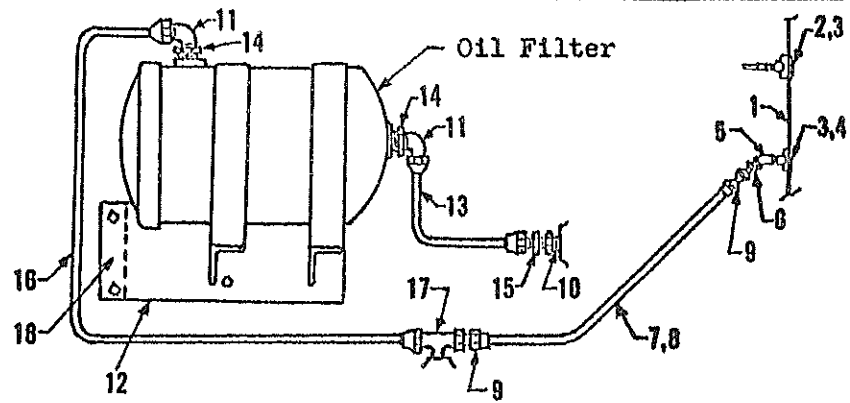
(For Part Numbers,
see next page)

FUEL AND OIL PRESSURE SYSTEM
(For Cummins C-160 Engine)

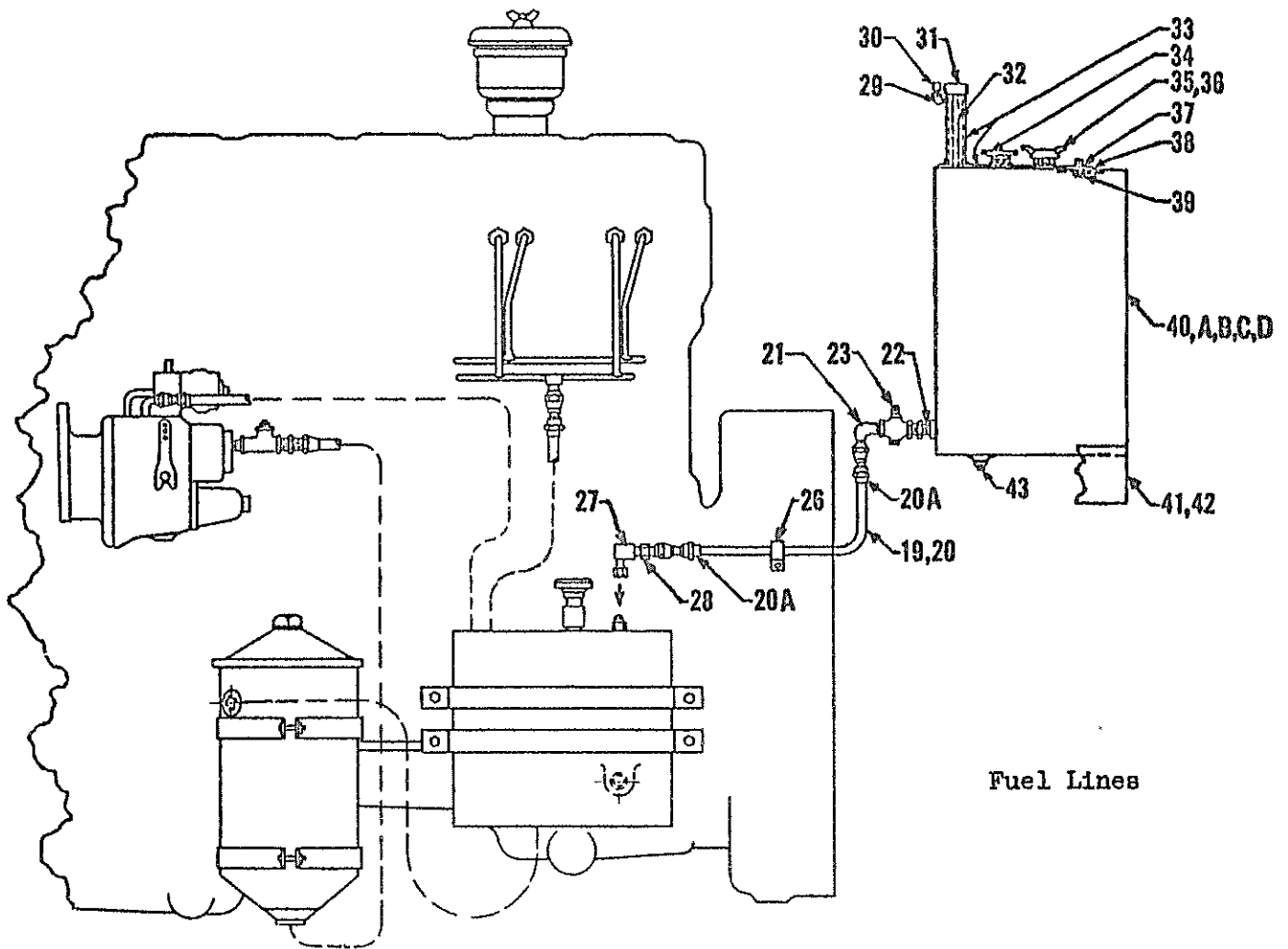
FUEL AND OIL PRESSURE SYSTEM
(For Cummins C-160 Engine)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1			PANEL, instrument (see separate page)
2	PGF-16699	1	GAUGE, water temperature
3	PGF-9282	2	GASKET, gauge
4	TF-1530	1	GAUGE, engine oil pressure
5	568001	1	ELBOW, 45°
6	840005	1	CONNECTOR
7	PGF-14524	1	HOSE ASSEMBLY (includes Ref. Nos. 8 and 9)
8	451013	1	HOSE (5/16" ID X 73" long)
9	PGF-13619-3	2	CONNECTOR
10	835005	1	ELBOW, 90°
11	PGF-16348	1	HOSE ASSEMBLY (includes Ref. Nos. 12 and 13)
12	451013	1	HOSE (5/16" ID X 43" long)
13	PGF-13619-6	2	CONNECTOR
14	HCF-3879	1	ADAPTER
15	PGF-9648-74	1	* "O" RING, adapter
16	PGF-16475	1	HOSE ASSEMBLY (includes Ref. No. 17 and two Ref. No. 18)
17	451023	1	HOSE (1/2" ID X 40" long)
18	PGF-13619-5	4	CONNECTOR
19	PGF-16349	1	HOSE ASSEMBLY (includes Ref. No. 20 and two Ref. No. 18)
20	451023	1	HOSE (1/2" ID x 22" long)
21	835011	1	ELBOW
22	532092	1	NIPPLE
23	WRF-1476	1	VALVE
24	837006	1	ELBOW
25	837007	1	ELBOW
26	PGF-16418	1	TUBE ASSEMBLY (includes nut 833008)
27	837004	2	ELBOW
28	PGF-16152	1	TUBE ASSEMBLY (includes nut 833005)
29	563003	1	ELBOW, street
30	PGF-14757	1	BREATHER
31	528009	1	CAP, pipe
32	PGF-16397	2	TUBE, breather
33	PGF-16050	1	COVER, fuel tank
34	PGF-16242	1	GAUGE, fuel, dip stick
35	PG-2474	1	CAP, filler, fuel tank
36	PGF-9648-70	1	* "O" RING, filler cap
37	WRF-1609-1	10	WASHER, cover
38	PGF-16124	1	GASKET, cover
39	HCF-1747-28	10	NUT, cage (for cover)
40	PGF-17137	1	TANK, fuel
40A	PGF-16617	2	* BRACKET, fuel tank rubber mounting
40B	WRF-2452-5	4	* MOUNT, rubber, fuel tank
40C	PGF-16131	4	* WASHER, fuel tank rubber mounting
40D	PGF-16364	4	* BOLT, fuel tank rubber mounting
41	PGF-16122	1	WRAPPER, R.H., fuel tank
42	PGF-16123	1	WRAPPER, L.H., fuel tank
43	810004	1	PLUG, drain
44	PGF-11414	1	ELBOW NOZZLE ASSEMBLY (includes Ref. Nos. 44A, 44B and 44C)
44A		1	BODY } (not sold separately.
44B		1	JET } Order Ref. No. 44)
44C	PGF-11412-3	1	NUT WITH SLEEVE
45	PGF-15071	1	TUBE
46	PGF-11523	3	ELBOW ASSEMBLY (includes one Ref. No. 46A)
46A	PGF-11523-2	3	NUT WITH SLEEVE
47			SUPPORT, instrument panel (see separate page)
48	PGF-11400	1	PRIMER, engine
49	PGF-12309	1	PUNCTURING TOOL
50	PGF-16526	1	PLATE, mounting
51	PGF-16532	1	TUBE

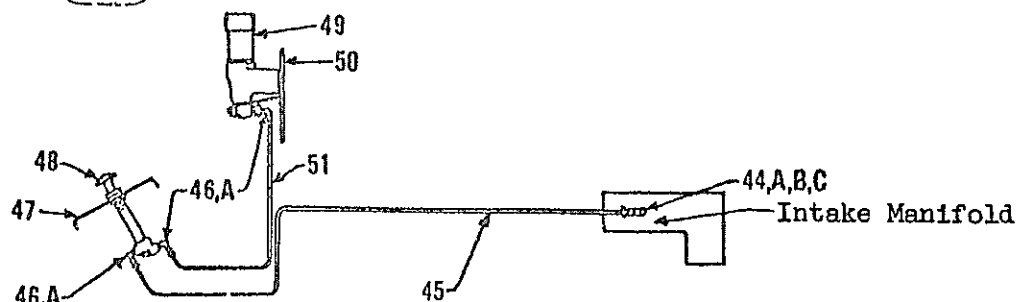
Note: * Parts not illustrated.



Oil Pressure Lines



Fuel Lines



Ether Starting System

FUEL AND OIL PRESSURE SYSTEM
(For Cummins C-160-C.I. Engine)

(For Part Numbers,
see next page)

FUEL AND OIL PRESSURE SYSTEM
(For Cummins C-160-C.I. Engine)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1			PANEL, instrument (see separate page)
2	PGF-16699	1	GAUGE, water temperature
3	PGF-9282	2	GASKET, gauge
4	TF-1530	1	GAUGE, engine oil pressure
5	568001	1	ELBOW, 45°
6	840005	1	CONNECTOR
7	PGF-14396	1	HOSE ASSEMBLY (includes Ref. Nos. 8 and 9)
8	451013	1	HOSE (5/16" ID x 83" long)
9	PGF-13619-3	2	CONNECTOR
10	884005	1	BUSHING, reducer
11	835006	2	ELBOW
12	PGF-17836	1	BRACKET, oil filter
13	PGF-17847	1	TUBE ASSEMBLY (includes nut 833004)
14	884002	2	BUSHING, reducer
15	840006	1	CONNECTOR
16	PGF-17846	1	TUBE ASSEMBLY (includes nut 833004)
17	830003	1	TEE
18	PGF-17852	1	SPACER, filter bracket
19	PGF-18002	1	HOSE ASSEMBLY (includes Ref. Nos. 20 and 20A)
20	451023	1	HOSE (1/2" ID x 16" long)
20A	PGF-13619-5	2	CONNECTOR
21	835011	1	ELBOW
22	532092	1	NIPPLE
23	WRF-1476	1	VALVE
24	528003	1	* CAP, pipe
25	528002	1	* CAP, pipe
26	HCF-2793	1	CLIP
27	HCF-3877	1	ELBOW, 90°
28	PGF-17850-19	1	ADAPTER
29	563003	1	ELBOW, street
30	PGF-14757	1	BREATHER
31	528009	1	CAP, pipe
32	PGF-16397	2	TUBE, breather
33	PGF-16050	1	COVER, fuel tank
34	PGF-16242	1	GAUGE, fuel, dip stick
35	PG-2474	1	CAP, filler, fuel tank
36	PGF-9648-70	1	* "O" RING, filler cap
37	WRF-1609-1	10	WASHER, cover
38	PGF-16124	1	GASKET, cover
39	HCF-1747-28	10	NUT, cage (for cover)
40	PGF-18100	1	TANK, fuel
40A	PGF-16617	2	* BRACKET, fuel tank rubber mounting
40B	WRF-2452-5	4	* RUBBER MOUNT, fuel tank
40C	PGF-16131	4	* WASHER, fuel tank rubber mounting
40D	PGF-16364	4	* BOLT, fuel tank rubber mounting
41	PGF-16122	1	WRAPPER, R.H., fuel tank
42	PGF-16123	1	WRAPPER, L.H., fuel tank
43	810004	1	PLUG, drain
44	PGF-11414	1	ELBOW NOZZLE ASSEMBLY (includes Ref. Nos. 44A, 44B and 44C)
44A		1	BODY } (not sold separately.
44B		1	JET } Order Ref. No. 44)
44C	PGF-11412-3	1	NUT, with sleeve
45	PGF-15071	1	TUBE
46	PGF-11523	3	ELBOW ASSEMBLY (includes one Ref. No. 46A)
46A	PGF-11523-2	3	NUT, with sleeve
47			SUPPORT, instrument panel (see separate page)
48	PGF-11400	1	PRIMER, engine
49	PGF-12309	1	PUNCTURING TOOL
50	PGF-16526	1	PLATE, mounting
51	PGF-16532	1	TUBE

Note: * Parts not illustrated

GMC - 6V-71 DIESEL ENGINE AND RELATED PARTS
(For Pacer 500 and Super 500)
(Not Illustrated)

ENGINE AND ATTACHING PARTS

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-18393	1	ENGINE - 6V-71 (for Pacer 545 - Super 565)- (see engine parts catalog)
2	PGF-18394	1	ENGINE - 6V-71 with GMC - 5125671 flywheel with ring gear (for Pacer 546 - Super 566) (see engine parts catalog)
3	PG-2528	1	PULLEY, hydraulic pump drive
4	HCF-1341	10	STUD, hydraulic pump drive pulley
5	911003	10	NUT, huglock (for Ref. 4)
6	775123	1	SETSCREW, hydraulic pump support adjustment
7	733005	1	NUT, jam (for Ref. 6)
8	PGF-13569	2	CONTROL (engine governor shut-off and emer- gency shut-off)
9	HCF-2464	1	CLAMP, emergency shut-off cable
10	PGF-17057	1	SPACER, emergency shut-off cable
11	HCF-4889	1	STOP, emergency shut-off cable
12	PGF-16648	1	SUPPORT, engine, front
13	WRF-1262	2	BOLT, front engine support (to frame)
14	PGF-5909	2	WASHER (for Ref. 13)
15	737005	2	NUT, slotted (for Ref. 13)
16	PGF-12977	2	STUD, front engine support (to engine)
17	734007	2	NUT, slotted (for Ref. 16)
18	PGF-17222	1	SUPPORT, engine, rear, R.H.
19	PGF-17221	1	SUPPORT, engine, rear, L.H.
20	ASF-5112	8	STUD, engine support, rear
21	742791	1	BOLT, engine support, rear, R.H.
22	742792	1	BOLT, engine support, rear, L.H.
23	PGF-16102	2	WASHER (for Ref. 21 and 22)
24	914007	2	NUT, huglock (for Ref. 21 and 22)

RADIATOR, CONNECTIONS AND ATTACHING PARTS

25	PGF-16802	1	RADIATOR AND SHELL ASSEMBLY (on Pacer 545 - Super 565)-(includes #562084 radiator, #562089 cap, #562045 overflow tube, and #562046 shell)
26	PGF-16812	1	RADIATOR AND SHELL ASSEMBLY (on Pacer 546 - Super 566)-(includes #562083 radiator, #562089 cap, #562045 overflow tube, and #562046 shell)
27	PGF-16106	1	SHROUD
28	PG-2491	2	FLANGE, upper
29	PG-2490	1	ELBOW, lower
30	PGF-17014	1	TUBE, lower (for drain cock see engine parts catalog)
31	PGF-10792	3	GASKET, upper and lower connections
32	PGF-16813	2	HOSE, upper (2-1/4" ID x 19")
33	AJF-2757	2	HOSE, lower (2-3/4" ID x 3-1/2")
34	HCF-4452-4	4	CLAMP, hose (for Ref. 32)
35	HCF-4452-5	4	CLAMP, hose (for Ref. 33)
36	PGF-17051	2	ROD, tie, radiator
37	782006	2	YOKE, radiator tie rod
38	783006	2	PIN, radiator tie rod yoke

(continued)

(Continued from preceding page)

RADIATOR SHUTTERS

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
39	PGF-15208	1	PLATE, outer
40	PGF-15218	1	HANDLE, shutter
41	PGF-15206	1	STUD, shutter
42	PGF-15656	1	SHUTTER, radiator
43	PGF-15217	4	BOLT
44	PGF-6505	4	SPRING

MUFFLER AND ATTACHING PARTS

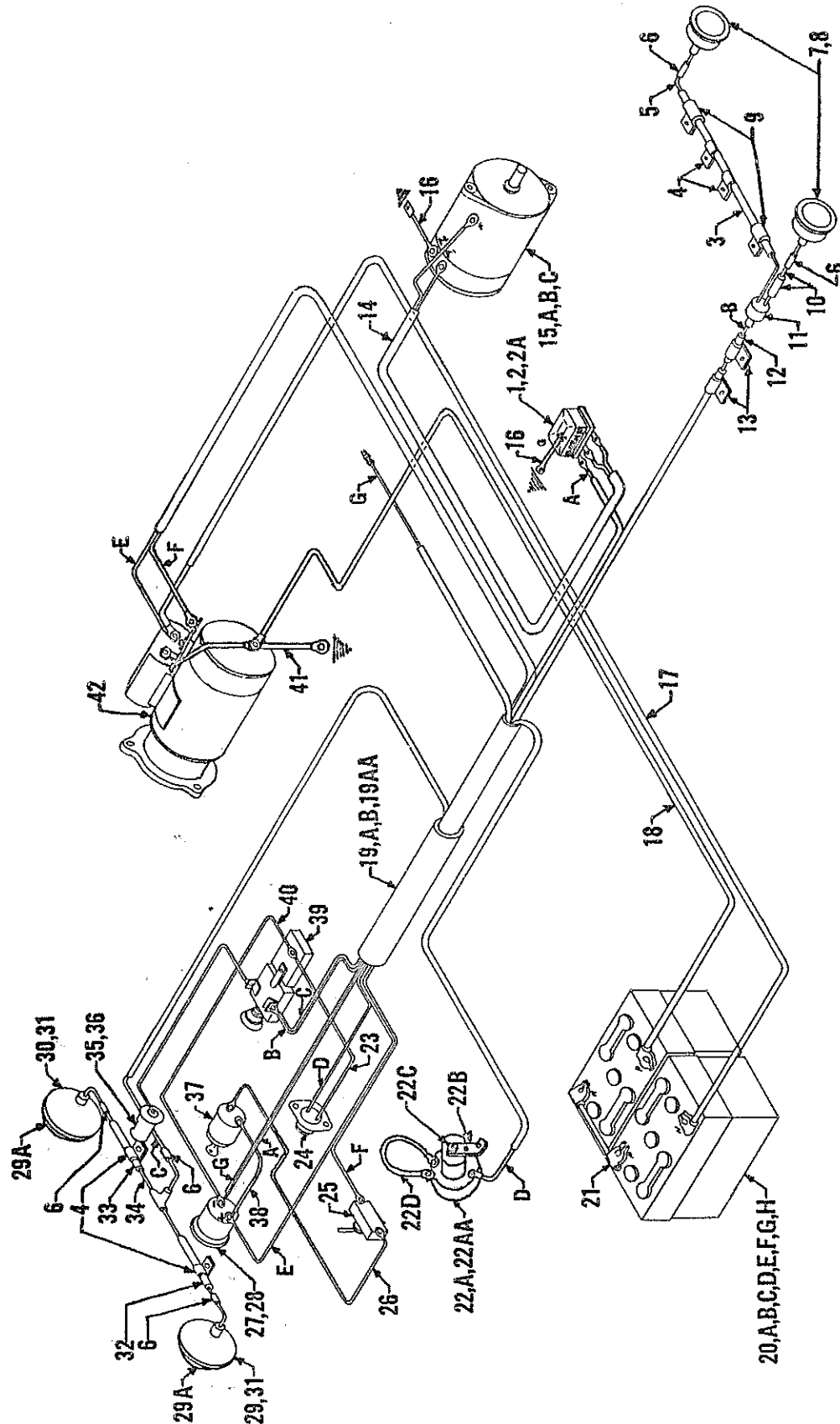
45	PGF-16071	2	MUFFLER
46	PGF-12640	2	CLAMP
47	PGF-16825	2	EXHAUST PIPE
47A	PGF-17821	2	EXHAUST PIPE
48	PGF-12778	8	STUD, exhaust pipe
48A	HCF-2468	8	STUD, exhaust pipe
49	921005	8	NUT, exhaust pipe stud (brass)
49A	920003	8	NUT, exhaust pipe stud (brass)

AIR CLEANER AND ATTACHING PARTS (OIL BATH TYPE)

50	PGF-17278	1	AIR CLEANER (includes #035110 body, #035111 housed element, #035112 inner oil cup, #035113 oil cup, 2 - #035114 side rod bands, and 2 - #035089 side rods)
51	PGF-16792	1	EXTENSION, stack
52	PGF-16734	1	CAP, stack extension
53	PGF-16729	2	BAND, mounting
54	PGF-16684	1	PLATE, mounting
55	PGF-16826	1	TUBE
56	PGF-16732	2	HOSE (5-1/2" ID x 5")
57	HCF-4452-7	8	CLAMP, hose

AIR CLEANER AND ATTACHING PARTS (DRY TYPE)

58	PGF-17703	1	AIR CLEANER (includes #035102 cover, #035103 cover gasket, #035130 element, #035105 element gasket, #035131 dust cup, #035107 dust cup gasket, #035132 cover, inner, and #035133 clamp assembly)
59	PGF-17175	1	EXTENSION, stack
60	PGF-17181	1	CAP, stack extension
61	PGF-17176	3	BAND, mounting
62	PGF-17177	1	PLATE, mounting
63	PGF-17179	1	SUPPORT, extension
64	PGF-17178	1	"U" BOLT, extension support
65	PGF-17180	1	ELBOW, extension
66	PGF-17174	2	HOSE (6" ID x 5")
67	HCF-4452-8	8	CLAMP, hose (for Ref. 66)
68	PGF-17182	1	TUBE
69	PGF-16732	1	HOSE (5-1/2" ID x 5")-(for Ref. 68 - engine end)
70	HCF-4452-7	4	CLAMP, hose (for Ref. 69)



Note: For circle latch and transmission brake solenoid wiring, see separate pages

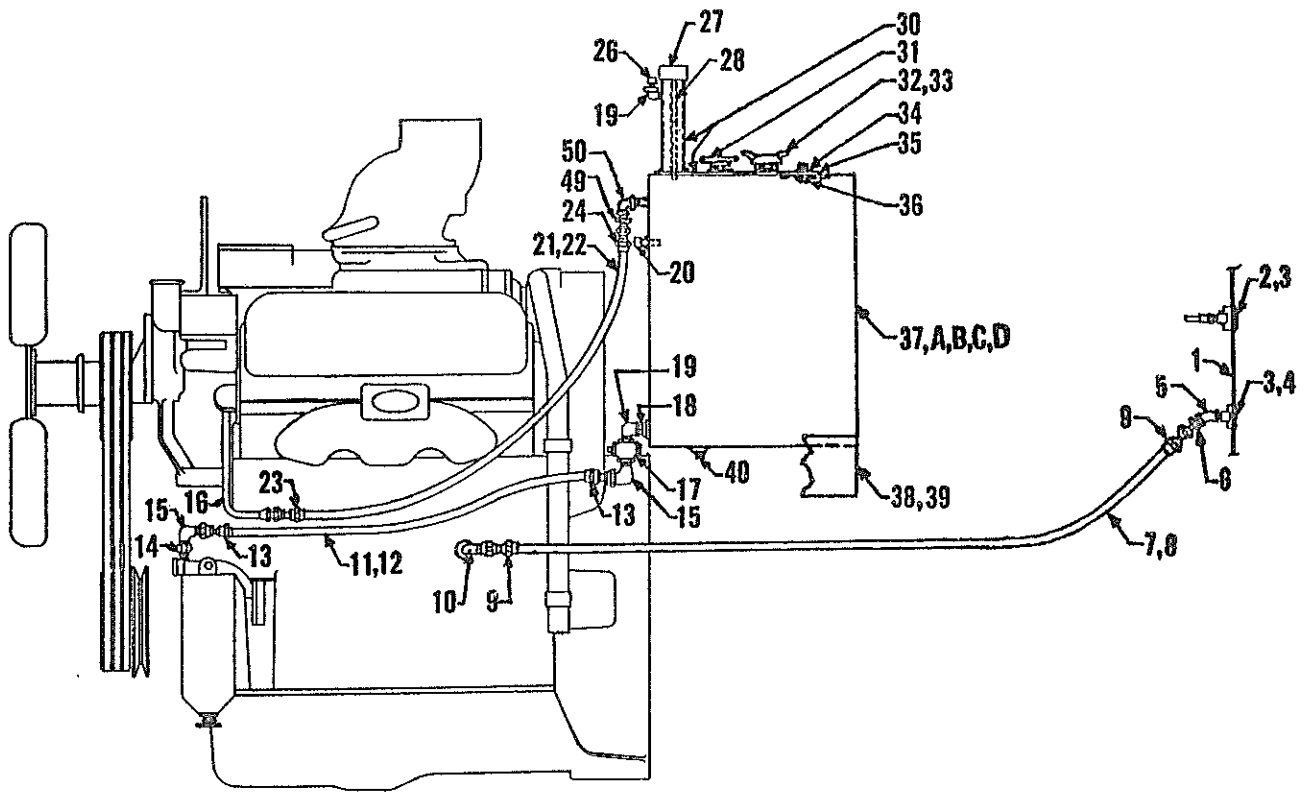
(For Part Numbers, see next page)

ELECTRICAL ACCESSORIES FOR GMC-6V-71 ENGINE

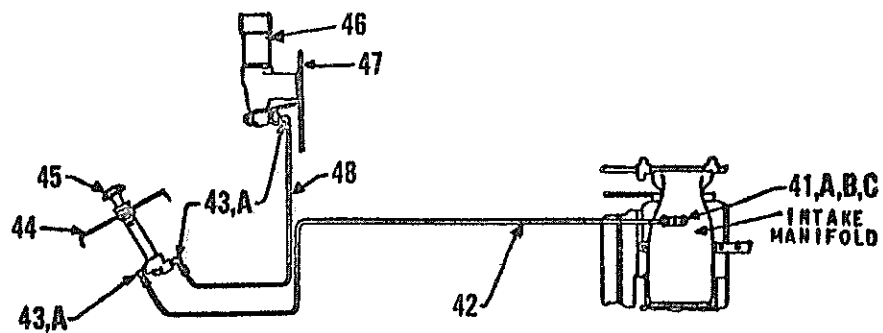
ELECTRICAL ACCESSORIES FOR GMC-6V-71 ENGINE
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-13568	1	REGULATOR, voltage
2	PGF-17197	1	* BRACKET (for Ref. No. 1)
2A	PGF-17224	2	* SPACER (for Ref. No. 2)
3	PGF-11967	1	LOOM, tail light wire
4	PGF-10046	4	CLIP
5	PGF-12652	1	WIRE, R.H. tail light to connector
6	HCF-6357	5	CONNECTOR, 2-wire
7	PGF-16569	2	TAIL LIGHT
8	PGF-5164	2	* BRACKET (for Ref. No. 7)
9	PGF-9520	2	CLIP
10	PGF-12653	1	WIRE, L.H. tail light to connector
11	PGF-12627	1	CONNECTOR, 3-wire
12	PGF-11424	1	LOOM
13	PGF-2897	2	CLIP
14	PGF-17052	1	WIRE ASSEMBLY, generator to regulator
15	PGF-13573	1	GENERATOR
15A	PGF-17050	1	* PULLEY } (for
15B	PGF-11536	1	* FAN } Ref. No.
15C	PGF-17017	1	* BELT } 15)
16	PGF-13981	2	WIRE, ground
17	PGF-16405	1	CABLE, battery to starter solenoid
18	PGF-14662	1	CABLE, battery to starter
19	PGF-16488	1	HARNESS, wiring
19AA	PGF-18407	1	HARNESS, wiring
19A	HCF-3370	2	* HOSE, protector (for Ref. No. 19)
19B	HCF-4452-4	2	* CLAMP, hose (for Ref. No. 19A)
20	WRF-655	2	BATTERY, 6 volt
20A	PGF-16098	1	* BRACKET, hold down, for batteries
20B	PGF-16092	2	* ROD, battery hold down
20C	PGF-16093	1	* SPACER, for batteries
20D	PGF-16094	1	* BASE, for batteries
20E	PGF-16103	1	* SUPPORT PLATE, bottom, battery and heater
20F	PGF-16104	1	* ANGLE, long - front } (for Ref.
20G	PGF-16134	1	* ANGLE, short - rear } No. 20E)
20H	PGF-10120	2	* GROMMET, battery cables
21	PGF-16404	1	CABLE, jumper
22	PGF-9342	1	HORN (1st type - order Ref. Nos. 22A,B,C and D)
22A	HCF-9250	1	HORN (2nd type)
22AA	PGF-18406	1	HORN (3rd type)
22B	HCF-9251	1	BRACKET } (for
22C	HCF-9252	1	NUT } Ref. No.
22D	HCF-6145	1	WIRE, ground } 22A)
23	PGF-15963	1	WIRE, horn button to light switch
24	PGF-9343	1	BUTTON, horn
25	PGF-17138	1	SWITCH, starter
26	PGF-9506	1	WIRE, starter switch to ignition switch
27	PGF-18426	1	AMMETER
28	PGF-9282	1	* GASKET, ammeter
29	PGF-11982	1	HEADLIGHT, left hand (includes Ref. No. 29A)
29A	121052	2	SEALED BEAM (12 volt)
30	PGF-11983	1	HEADLIGHT, right hand (includes Ref. No. 29A)
31	MS-380	2	* SOCKET, headlight mounting
32	PGF-11987	1	LOOM, left hand
33	PGF-11986	1	LOOM, right hand
34	PGF-12654	1	WIRE, headlights
35	ASF-5372	1	LIGHT, dash (less bulb)
36	PGF-11968	1	* BULB, dash light (3CP-SC,12V)
37	PGF-17351	1	SWITCH, ignition
38	ASF-5791	1	WIRE, ammeter to ignition switch
39	ASF-7478	1	SWITCH, light
40	PGF-13902	1	WIRE, ammeter to light switch
41	PGF-17502	1	CABLE, ground
42	PGF-17267	1	MOTOR, starting

Note: * Parts not illustrated.



Fuel and Oil Lines



Ether Starting System

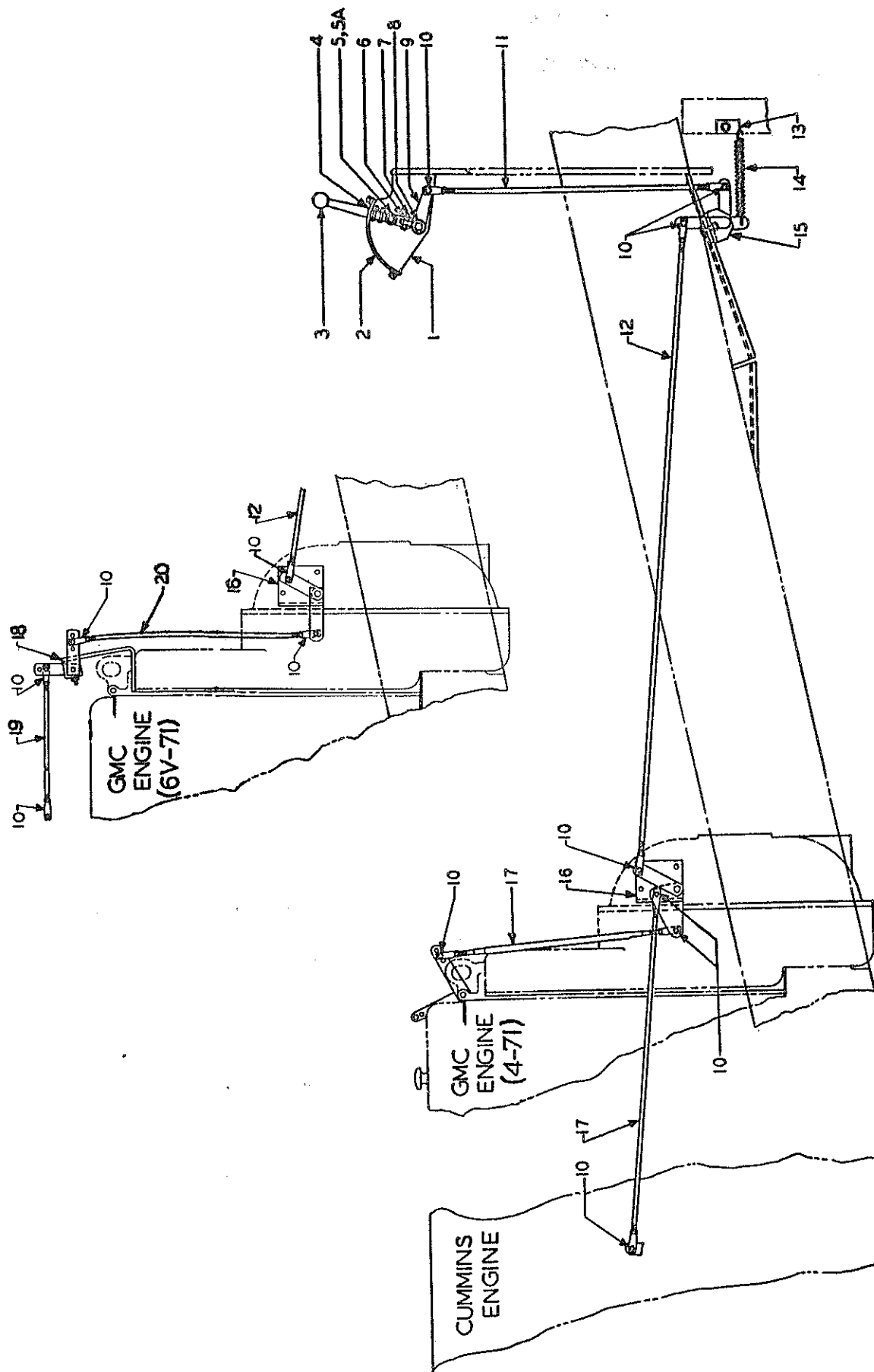
(For Part Numbers,
see next page)

FUEL AND OIL PRESSURE SYSTEM
(For GMC-6V-71 Engine)

FUEL AND OIL PRESSURE SYSTEM
(For GMC-6V-71 Engine)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1			PANEL, instrument (see separate page)
2	PGF-16699	1	GAUGE, water temperature
3	PGF-9282	2	GASKET, gauge
4	TF-1530	1	GAUGE, engine oil pressure
5	568001	1	ELBOW, 45°
6	840005	1	CONNECTOR
7	PGF-14524	1	HOSE ASSEMBLY (includes Ref. Nos. 8 and 9)
8	451013	1	HOSE (5/16" ID x 73" long)
9	PGF-13619-3	2	CONNECTOR
10	835006	1	ELBOW, 90°
11	PGF-18509	1	HOSE ASSEMBLY (includes Ref. Nos. 12 and 13)
12	451023	1	HOSE (1/2" ID x 28" long)
13	PGF-13619-5	2	CONNECTOR
14	922003	1	ADAPTER, reducer
15	835011	2	ELBOW
16		1	TUBE (see engine parts catalog)
17	WRF-1476	1	VALVE
18	532092	1	NIPPLE
19	563003	2	ELBOW, street
20	528003	1	CAP, pipe
21	PGF-17048	1	HOSE ASSEMBLY (includes Ref. Nos. 22, 23 & 24)
22	451013	1	HOSE (5/16" ID x 48" long)
23	PGF-13618-3	1	CONNECTOR
24	PGF-13619-6	1	CONNECTOR
26	PGF-14757	1	BREATHER
27	528009	1	CAP, pipe
28	PGF-16397	2	TUBE, breather
30	PGF-16050	1	COVER, fuel tank
31	PGF-16242	1	GAUGE, fuel, dip stick
32	PG-2474	1	CAP, filler, fuel tank
33	PGF-9648-70	1	* "O" RING, filler cap
34	WRF-1609-1	10	WASHER, cover
35	PGF-16124	1	GASKET, cover
36	HCF-1747-28	10	NUT, cage (for cover)
37	PGF-18100	1	TANK, fuel
37A	PGF-16617	2	* BRACKET, fuel tank rubber mounting
37B	WRF-2452-5	4	* MOUNT, rubber, fuel tank
37C	PGF-16131	4	* WASHER, fuel tank rubber mounting
37D	PGF-16364	4	* BOLT, fuel tank rubber mounting
38	PGF-16122	1	WRAPPER, R.H., fuel tank
39	PGF-16123	1	WRAPPER, L.H., fuel tank
40	810004	1	PLUG, drain
41	PGF-11414	1	ELBOW NOZZLE ASSEMBLY (includes Ref. Nos. 41A, 41B and 41C)
41A		1	BODY } (not sold separately.
41B		1	JET } Order Ref. No. 41)
41C	PGF-11412-3	1	NUT WITH SLEEVE
42	PGF-15071	1	TUBE
43	PGF-11523	3	ELBOW ASSEMBLY (includes one Ref. No. 43A)
43A	PGF-11523-2	3	NUT WITH SLEEVE
44			SUPPORT, instrument panel (see separate page)
45	PGF-11400	1	PRIMER, engine
46	PGF-12309	1	PUNCTURING TOOL
47	PGF-16526	1	PLATE, mounting
48	PGF-16532	1	TUBE
49	836014	1	CONNECTOR, ball check
50	522002	1	ELBOW, 90° @ ball check

Note: * Parts not illustrated.

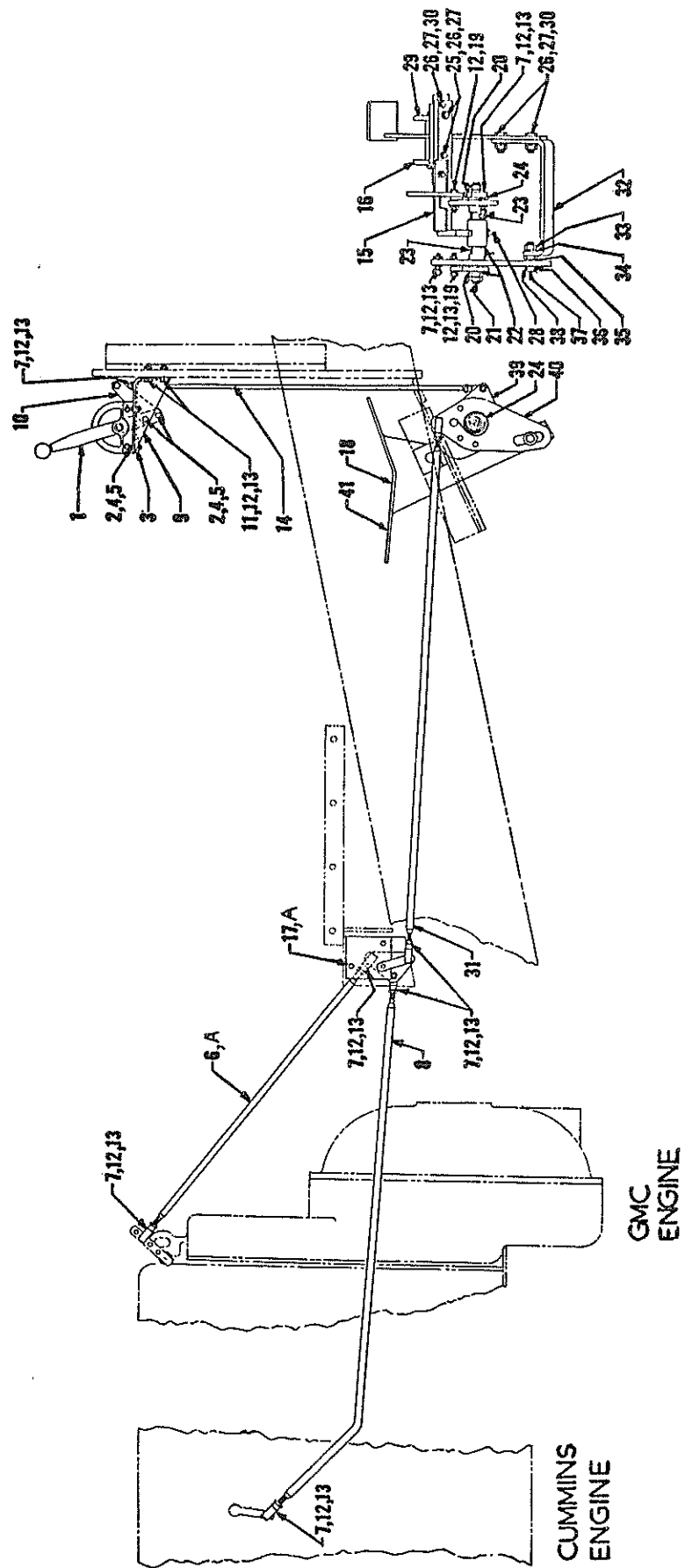


(For Part Numbers,
see next page)

GOVERNOR CONTROL LINKAGE - CUMMINS AND GMC ENGINES
(On Pacer 445 - Super 465 - Super 565)

GOVERNOR CONTROL LINKAGE - CUMMINS AND GMC ENGINES
 (ON PACER 445 - SUPER 465 - SUPER 565)
 (For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-11500	1	SUPPORT, control lever (welded on)
2	PGF-13703	1	RATCHET
3	PG-2100	1	LEVER
4	PGF-12415	1	CLIP, ratchet
5	PGF-12377	1	PIN
5A	MSF-854	1	SPRING
6	762004	1	WASHER
7	783004	1	PIN, yoke
8	PGF-13949	1	PIVOT, lever
9	PG-2098	1	ARM
10	PGF-16262-4	-	BALL JOINT, 5/16" (6 for Models 445 & 465 and 8 for Model 565)
11	PGF-16146	1	ROD
12	PGF-16147	1	ROD
13	PGF-16274	1	SUPPORT, spring
14	PGF-268	1	SPRING
15	PGF-16155	1	SUPPORT, bell crank
16	PGF-17087	1	SUPPORT, bell crank (for Cummins & GMC-4-71 engines)
16	PGF-17060	1	SUPPORT, bell crank (for GMC-6V-71 engine)
17	PGF-15932	1	ROD (for GMC-4-71 engine only)
17	PGF-16263	1	ROD (for Cummins engine only)
18	PGF-17016	1	CRANK, bell (for GMC-6V-71 engine)
19	PGF-17055	1	ROD (for GMC-6V-71 engine)
20	PGF-17056	1	ROD (for GMC-6V-71 engine)

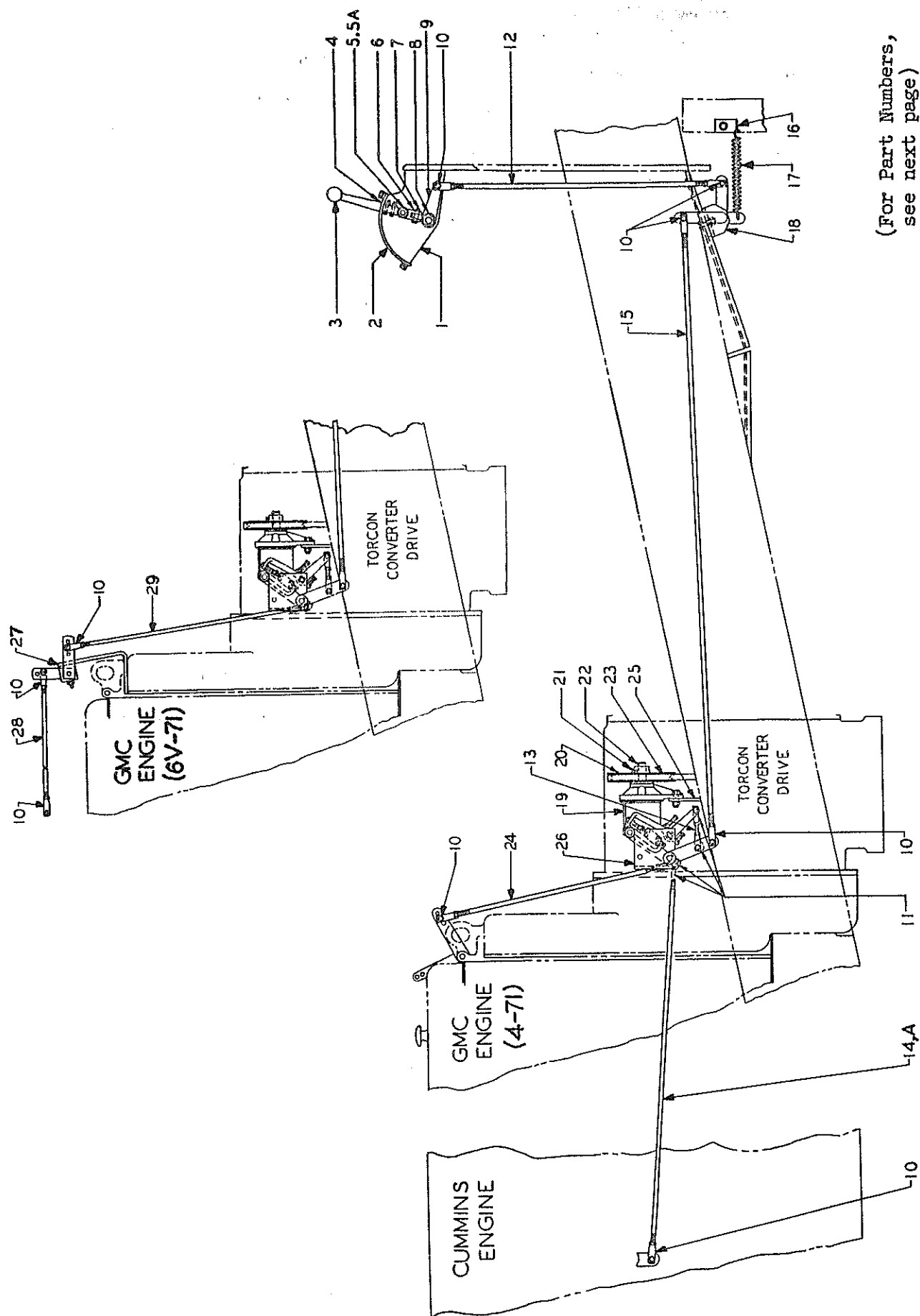


For Part Numbers,
see next page)

GOVERNOR CONTROL LINKAGE - CUMMINS AND GMC ENGINES

GOVERNOR CONTROL LINKAGE - CUMMINS AND GMC ENGINES
(For illustration, see preceding page)

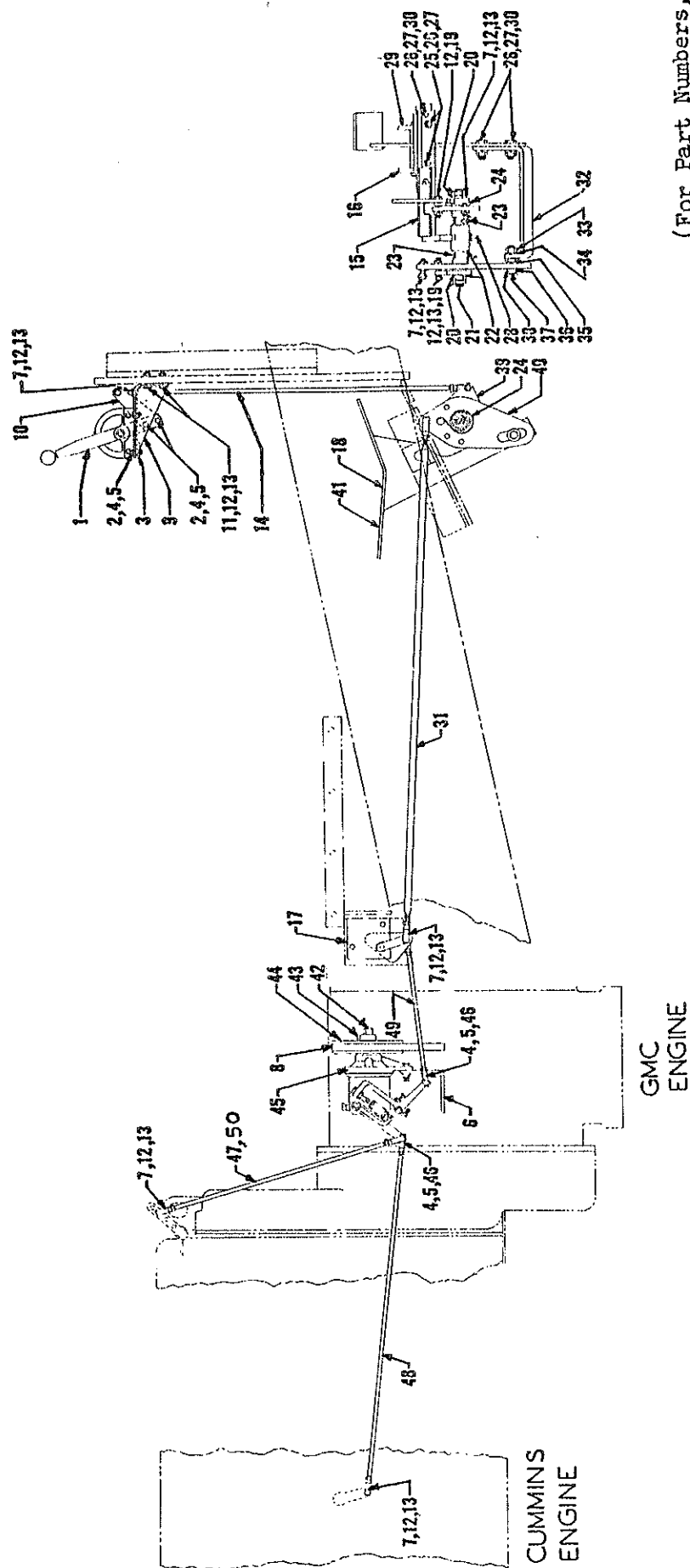
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-18968	1	LEVER, control
2	742005	4	BOLT, hex
3	PGF-18583	1	STOP, control lever
4	778009	4	LOCKWASHER
5	722001	4	NUT
6	PGF-15932	1	ROD, bell crank to engine (GMC engine)
6A	PGF-17056	1	ROD, bell crank to engine (GMC - 545 & 565 only)
7	PGF-16262-4	6	BALL JOINT, for rod - 5/16"
8	PGF-16263	1	ROD, bell crank to engine (Cummins engine)
9	PGF-18795	1	SUPPORT, control lever
10	PGF-18009	1	ARM, control lever
11	742164	2	BOLT, hex
12	778010	10	LOCKWASHER
13	722002	16	NUT
14	PGF-18804	1	ROD, control lever to bell crank
15	PGF-18885	1	SUPPORT, bell crank
16	PGF-18831	1	PIVOT ASSEMBLY, pedal
17	PGF-17087	1	BELL CRANK, rear (445 & 465)
17A	PGF-17060	1	BELL CRANK, rear (545 & 565)
18	PGF-18952	1	TREAD, adhesive
19	PGF-18921	2	BOLT
20	726006	4	NUT, jam
21	PGF-18888	1	SHAFT
22	PGF-18920	4	WASHER
23	968117	2	PIN, coiled spring
24	PGF-18928	2	SPRING
25	742323	2	BOLT, hex
26	778011	8	LOCKWASHER
27	722003	8	NUT
28	064546	3	FITTING, grease
29	PGF-18835	1	ANGLE
30	742319	6	BOLT, hex; pivot
31	PGF-18926	1	ROD, front bell crank to rear bell crank
32	PGF-18834	1	ARM, pedal
33	722005	1	NUT
34	778013	1	LOCKWASHER
35	PGF-8728	1	ROLLER
36	PGF-8731	1	WASHER
37	PGF-18889	1	PIN
38	166017	1	PIN, cotter
39	PGF-18916	1	ARM ASSEMBLY, front bell crank
40	PGF-18917	1	ARM ASSEMBLY, front bell crank
41	PGF-18884	1	PEDAL ASSEMBLY



GOVERNOR CONTROL LINKAGE - CUMMINS AND GMC ENGINES
(On Pacer 446 and 447 - Super 466 and 467 - Super 566)

GOVERNOR CONTROL LINKAGE - CUMMINS AND GMC ENGINES
(ON PACER 446 & 447 - SUPER 466 & 467 - SUPER 566)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-11500	1	SUPPORT, control lever (welded on)
2	PGF-13703	1	RATCHET
3	PG-2100	1	LEVER
4	PGF-12415	1	CLIP, ratchet
5	PGF-12377	1	PIN
5A	MSF-854	1	SPRING
6	762004	1	WASHER
7	783004	1	PIN, yoke
8	PGF-13949	1	PIVOT, lever
9	PG-2098	1	ARM
10	PGF-16262-4	-	BALL JOINT, 5/16" (5 for Models 446, 447, 466, 467 and 7 for Model 566)
11	PGF-16262-3	3	BALL JOINT, 1/4"
12	PGF-16146	1	ROD
13	PGF-15916	1	ROD (short)
14	PGF-15937	1	ROD (for Cummins engine only)
14A	PGF-17849	1	ROD (for Cummins engine only)-(31-1/8" long-no bends)
15	PGF-16147	1	ROD
16	PGF-16274	1	SUPPORT, spring
17	PGF-268	1	SPRING
18	PGF-16155	1	SUPPORT, bell crank
19	PGF-14676	1	GOVERNOR
20	PGF-14677	1	PULLEY
21	753053	1	SETSCREW
22	PGF-14783	1	KEY
23	PGF-15971	1	BELT
24	PGF-15915	1	ROD (for GMC-4-71 engine only)
25	PGF-15924	1	SUPPORT, governor
26	PGF-15975	1	SUPPORT, bell crank
27	PGF-17016	1	CRANK, bell (for GMC-6V-71 engine)
28	PGF-17053	1	ROD (for GMC-6V-71 engine)
29	PGF-17054	1	ROD (for GMC-6V-71 engine)



(For Part Numbers,
see next page)

GOVERNOR CONTROL LINKAGE - CUMMINS AND GMC ENGINES WITH TORCON CONVERTER

GOVERNOR CONTROL LINKAGE - CUMMINS AND GMC ENGINES WITH TORCON CONVERTER

(For Illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-18968	1	LEVER, control
2	742005	4	BOLT, hex
3	PGF-18583	1	STOP, control lever
4	778009	7	LOCKWASHER
5	722001	10	NUT
6	PGF-15924	1	SUPPORT, tail shaft governor
7	PGF-16262-4	5	BALL JOINT for rod - 5/16"
8	PGF-18630	1	BELT for governor
9	PGF-18795	1	SUPPORT, control lever
10	PGF-18009	1	ARM, control lever
11	742164	2	BOLT, hex
12	778010	9	LOCKWASHER
13	722002	14	NUT
14	PGF-18804	1	ROD, control lever to bell crank
15	PGF-18885	1	SUPPORT, bell crank
16	PGF-18831	1	PIVOT ASSEMBLY, pedal
17	PGF-18927	1	BELL CRANK, rear
18	PGF-18952	1	TREAD, adhesive
19	PGF-18921	2	BOLT
20	726006	4	NUT, jam
21	PGF-18888	1	SHAFT
22	PGF-18920	4	WASHER
23	968117	2	PIN, coiled spring
24	PGF-18928	2	SPRING
25	742323	2	BOLT, hex
26	778011	8	LOCKWASHER
27	722003	8	NUT
28	064546	3	FITTING, grease
29	PGF-18835	1	ANGLE
30	742319	6	BOLT, hex; pivot
31	PGF-18926	1	ROD, front bell crank to rear bell crank
32	PGF-18834	1	ARM, pedal
33	722005	1	NUT
34	778013	1	LOCKWASHER
35	PGF-8728	1	ROLLER
36	PGF-8731	1	WASHER
37	PGF-18889	1	PIN
38	166017	1	PIN, cotter
39	PGF-18916	1	ARM ASSEMBLY, front bell crank
40	PGF-18917	1	ARM ASSEMBLY, front bell crank
41	PGF-18884	1	PEDAL ASSEMBLY
42	PGF-14783	1	KEY, for pulley
43	753053	1	SCREW, set
44	PGF-14677	1	PULLEY for governor
45	PGF-14676	1	GOVERNOR, tail shaft
46	PGF-16262-3	3	BALL JOINT - rod
47	PGF-15915	1	ROD - governor to engine (GMC engine only)
48	PGF-17849	1	ROD - governor to engine (Cummins engine only)
49	PGF-15916	1	ROD - bell crank to governor (GMC engine and Cummins engine)
50	PGF-18405	1	ROD - bell crank to governor - GMC - (546 & 566 only)

CONTROL LINKAGE - POWER SHIFT TRANSMISSION, GOVERNOR AND HYDRAULIC DECELERATOR
CUMMINS AND GMC-4-71 ENGINES
(On Pacer 448 and Super 468)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-11500	1	SUPPORT, control lever (welded on)
2	PGF-13703	1	RATCHET
3	PG-2100	1	LEVER
4	PGF-12415	1	CLIP, ratchet
5	PGF-12377	1	PIN
5A	MSF-854	1	SPRING
6	762004	1	WASHER
7	783004	1	PIN, yoke
8	PGF-13949	1	PIVOT, lever
9	PG-2098	1	ARM
10	PGF-16262-4	4	BALL JOINT, 5/16"
11	PGF-16262-3	3	BALL JOINT, 1/4"
12	PGF-15354	1	ROD
13	PGF-15973	1	ROD (short)
14	PGF-16230	1	ROD (for Cummins engine only)
15	PGF-16147	1	ROD
16	PGF-17289	1	SUPPORT, spring
17	PGF-268	1	SPRING
18	PGF-17261	1	SUPPORT, bell crank
19	PGF-16530	1	GOVERNOR
20	PGF-15968	1	SUPPORT, governor
21	PGF-15969	1	SPACER, governor support
22	PGF-15964	1	BELT, governor
23	PGF-16239	1	ROD (for GMC-4-71 engine only)
24	PGF-15919	1	SUPPORT, bell crank
25	PGF-14677	1	PULLEY, governor
26	PGF-14783	1	KEY, governor pulley
27	753053	1	SETSCREW, governor pulley
28	PGF-16549	1	TRANSMISSION (for Cummins engine)(See Allison
29	PGF-16270	1	TRANSMISSION (for GMC-4-71 engine)Repair Catalogs)
30	PGF-15966	1	PULLEY, power take-off
31	PGF-16343	1	POWER TAKE-OFF UNIT (includes Ref. Nos. 32 to 60 inclusive)
32	160043	1	RING, lock
33	160044	2	WASHER, thrust
34	160045	1	PIN, poppet (not shown)
35	160046	1	SHAFT, idler
36	160047	2 Sets	ROLLER, needle (23 per set)
37	160048	1	SPRING (not shown)
38	160049	1	BEARING (complete)
39	160050	1	BEARING (complete)
40	160051	1	SEAL, oil
41	160052	1	PIN, guide (not shown)
42	160053	1	BAR, guide
43	160054	1	CAP, end
44	160055	1	CAP, end, bearing
45	160056	1	SPACER
46	160057	As req'd	GASKET (.010 thick)
47	160058	As req'd	GASKET (.020 thick)
48	160059	1	SHAFT, drive
49	160060	2	PLUG, pipe, 1/4"
50	160061	1	SETSCREW
51	160062	1	"O" RING
52	160063	1	HOUSING
53	160064	1	GEAR, sliding, 25 teeth
54	160065	1	GEAR, driven, 28 teeth
55	160066	1	GEAR, driving, 15 teeth
56	160067	1	SPACER
57	160068	1	SHAFT, shifter
58	160069	1	POST AND ARM ASSEMBLY
59	160070	2	PLUG, welch

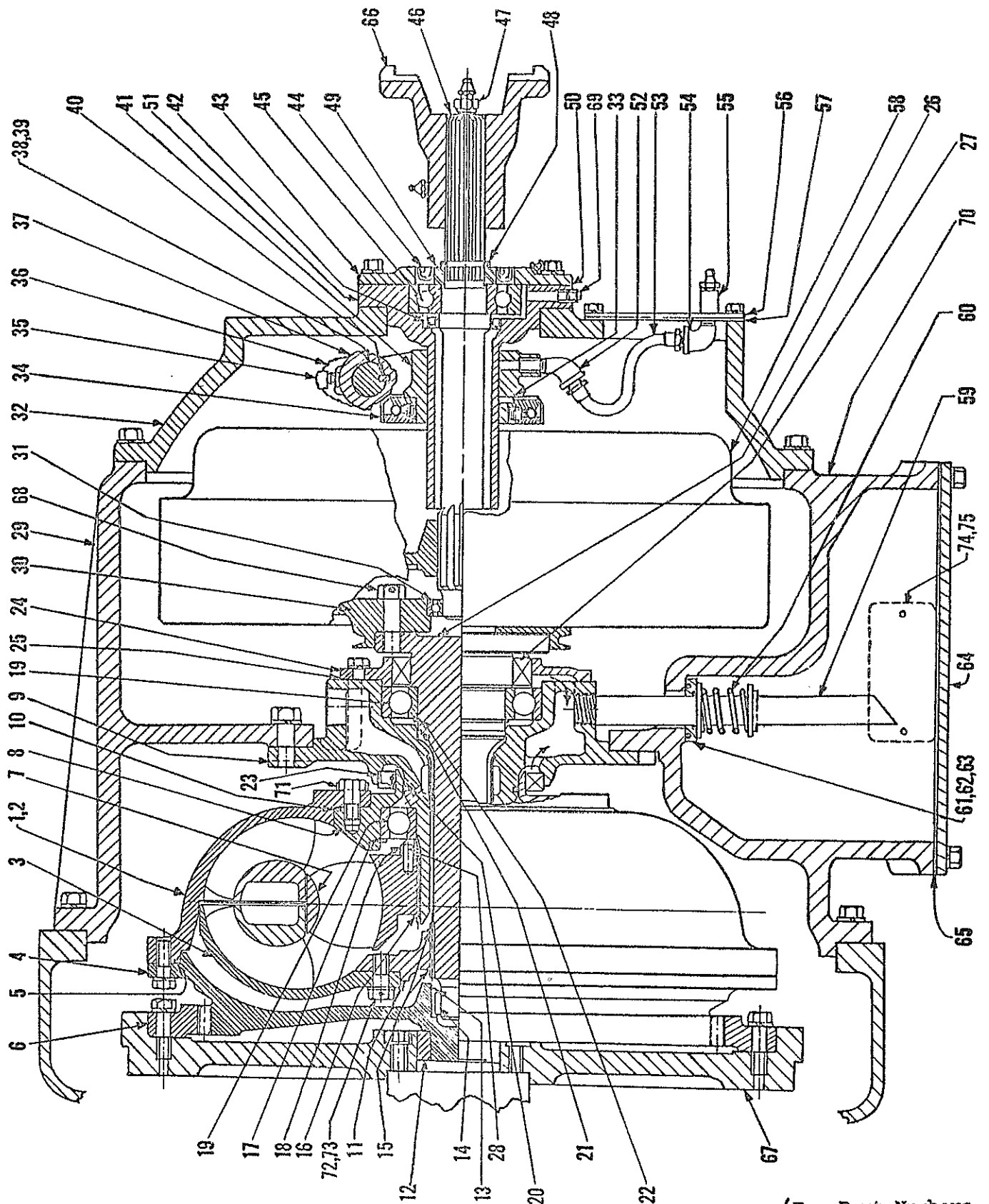
(continued)

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(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
60	160071	1	KEY, Woodruff
61	755029	1	SETSCREW, power take-off pulley
62	733002	1	NUT, jam, power take-off pulley setscrew
63	PGF-15925	4	STUD, P.T.O. opening (3/8 dia. x 1-7/8")
64	PGF-15926	1	STUD, P.T.O. opening (3/8 dia. x 7-7/16")
65	PGF-15927	1	STUD, P.T.O. opening (3/8 dia. x 4-1/8")
66	PGF-6795	1	SPRING, transmission mounting
67	HCF-375	1	WASHER, transmission mounting
68	WRF-1660	1	SCREW, transmission mounting
69	PGF-15922	1	STUD, transmission mounting
70	PGF-16308	1	SUPPORT, transmission mounting
71	PGF-7721	1	BALL, shift lever rod
72	PGF-15938	1	ROD, shift lever
73	783003	1	PIN, shift lever rod yoke
74	PGF-16135	1	LEVER, shift control
75	PGF-15933	2	SPRING, shift lever
76	PGF-15939	1	TOWER, shift lever
77	PGF-16137	1	PIVOT, shift lever
78	PG-2481	1	LEVER, transmission
79	PGF-15918	1	ROD, bell crank to transmission
80	PGF-15920	1	BRACKET, bell crank
81	PGF-15928	1	BELL CRANK
82	PGF-15921	1	PIN, bell crank
83	PGF-16262-5	4	BALL JOINT, 3/8"
84	PGF-15923	1	ROD, shift lever to bell crank
85	879031	1	NUT, acorn
86	WRF-1609-2	1	WASHER
87			MASTER CYLINDER (see Foot Brake Mechanism page)
88	788003	1	ELBOW, 90°
89	PGF-17268	1	TUBE
90	PGF-8991	1	DECELERATOR CYLINDER GROUP (includes Ref. Nos. 91 to 97 inclusive)
91	333122	1	BOOT
92	333116	1	STRAP, boot
93	333120	1	PISTON
94	333119	1	CUP
95	333121	1	SPRING, return
96	333146	1	SCREW, bleeder
97	333118	1	BODY
98	ASF-5451	1	GASKET
99	789004	1	CONNECTOR
100	786009	1	CONNECTOR, male
101	PGF-17262	1	ROD, piston
102	722005	2	NUT, hex
103	765006	1	WASHER, plain
104	PGF-17295	1	SPACER, spring
105	PGF-17296	1	SPRING
106	PGF-17263	1	SUPPORT, cylinder
107	PGF-7737	1	EYEBOLT, spring
108	PGF-12261	1	SWIVEL, control rod
109	PGF-17373	1	ROD, shift lever to bell crank
110	PGF-17377	1	PIVOT, shift control
111	MSF-854	1	SPRING, shift lever
112	PGF-17379	1	PLUNGER, shift control
113	PGF-17375	1	RACK, shift control
114	PGF-17374	1	SUPPORT, shift lever
115	PGF-17378	1	BUSHING, shift lever
116	PGF-17376	1	LEVER, shift
117	PGF-17380	1	BUSHING, throttle lever
118	742804	1	BOLT, throttle and shift lever
119	783004	1	PIN, shift lever
120	PGF-16428	6	* BOLT, converter drive plate (Cummins engine)
121	PGF-15976	6	* BOLT, converter drive plate (GMC-4-71 engine)

Note: * Parts not illustrated.

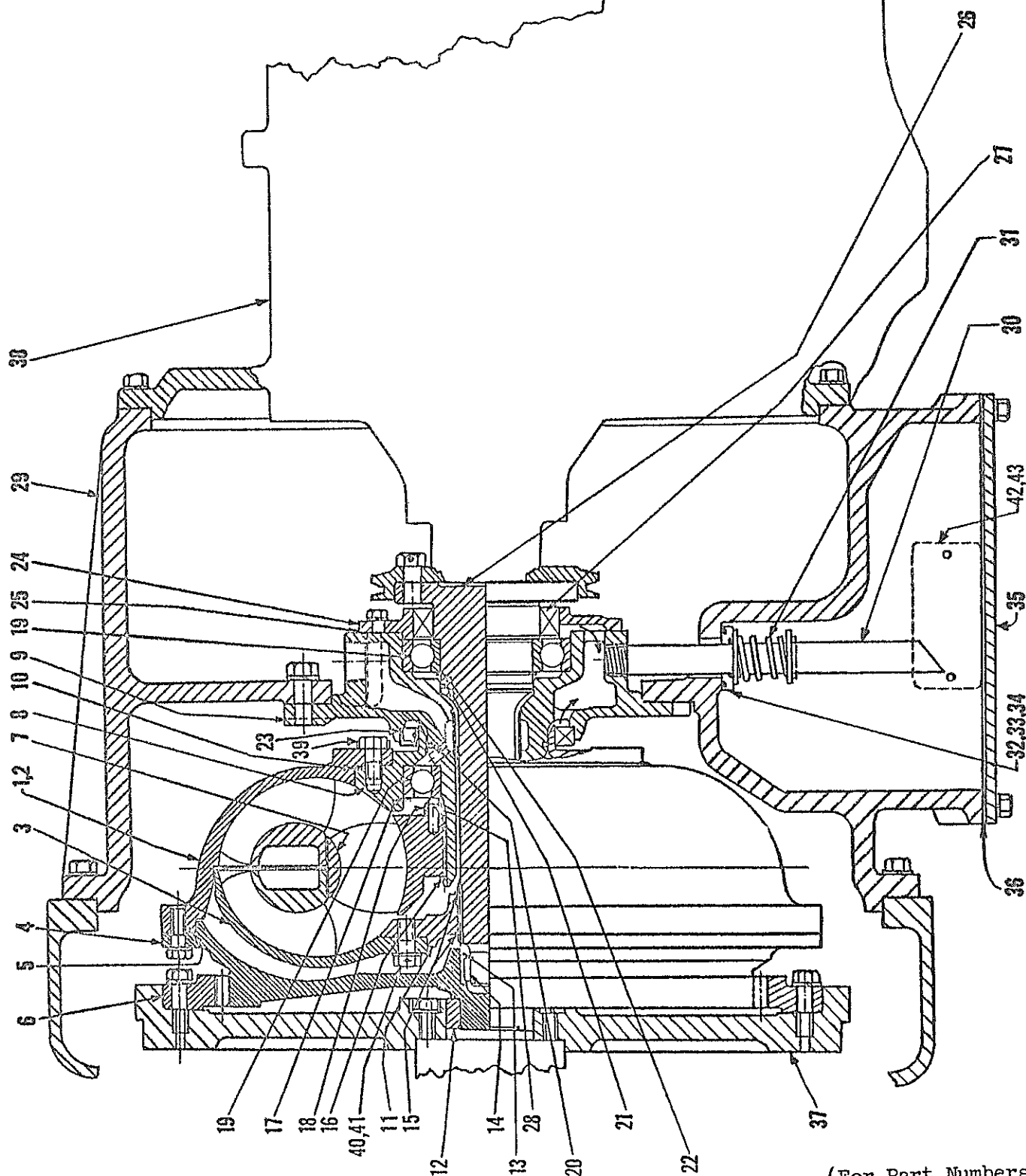


TORCON TORQUE CONVERTER (14")
IN COMBINATION WITH CLUTCH DRIVE
(On Pacer 446 and Super 466)

(For Part Numbers,
see next page)

TORCON TORQUE CONVERTER - 14"
IN COMBINATION WITH CLUTCH DRIVE
(On Pacer 446 and Super 466)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16690	1	TORQUE CONVERTER UNIT (includes Ref. Nos. 2 to 28 inclusive also Ref. Nos. 71, 72 and 73)
2	634213	1	IMPELLER
3	634230	1	TURBINE
4	634236	1	COVER, impeller
5	634237	1	"O" RING, impeller cover
6	634242	1	GEAR, coupling, flywheel
7	634220	1	REACTION MEMBER
8	634214	1	HUB, impeller
9	634208	1	STATOR SUPPORT AND SLEEVE ASSEMBLY
10	634215	1	"O" RING, impeller hub
11	634234	1	HUB, turbine
12	634241	1	SLEEVE, impeller cover
13	634240	1	RING, snap, bearing
14	634239	1	BEARING, impeller cover
15	634235	2	RING, snap, turbine hub
16	634223	1	RING, snap, reaction member
17	634219	1	RING, snap, bearing
18	634222	1	SPACER, reaction member
19	634218	2	BEARING, impeller hub and turbine shaft
20	634212	1	RING, piston
21	634229	1	RING, piston
22	634228	1	RING, snap, bearing
23	634211	1	SEAL, oil
24	634224	1	CAP, rear bearing
25	634225	1	GASKET, rear bearing cap
26	634227	1	SHAFT, turbine
27	634226	1	SEAL, oil
28	634221	1	ROLL PIN
29	PG-2514	1	HOUSING, converter
30	PG-2447	1	FLYWHEEL, clutch
31	311158	1	BEARING, ball, clutch pilot
32	PG-2277	1	BELL HOUSING, clutch
33	PGF-11577	1	PIN, for throwout bearing
34	PGF-11576	1	BEARING, ball, clutch throwout
35	PGF-9269	1	SETSCREW, yoke
36	PGF-9738	1	WIRE, locking
37	PG-2015	1	YOKE, clutch throwout
38	HCF-2823	1	SHAFT, throwout yoke
39	PGF-8978	1	LEVER (not shown - on outer end of shaft)
40	111010	1	KEY, Woodruff, in yoke
41	PG-2493	1	CARRIER, bearing
42	194262	1	SEAL, oil, small
43	PG-2413	1	CAP, oil seal
44	PGF-11192	1	SEAL, oil, large
45	311167	1	BEARING, ball
46	HCF-1923	1	SHAFT, clutch
47	PGF-15787	1	NIPPLE, extension
48	PGF-10452	1	RING, snap
49	PGF-11178	1	SPACER, clutch shaft
50	PGF-8766	1	GASKET, bearing cap
51	PG-2017	1	SLEEVE, bearing carrier
52	565001	1	ELBOW, street, 90°
53	PGF-17580	1	HOSE, grease
54	563001	1	ELBOW, street, 90°
55	525001	1	COUPLING
56	HCF-1969	1	PLATE, inspection
57	HCF-1968	1	GASKET, inspection plate
58			CLUTCH (see separate page)
59	PGF-16064	1	PIPE, drain
60	ASF-3541	1	SPRING
61	PGF-16065	1	RETAINER, "O" ring
62	PGF-9648-5	1	"O" RING, small
63	PGF-9648-8	1	"O" RING, large
64	PGF-16498	1	COVER
65	PGF-16497	1	GASKET, cover
66			YOKE, fitting (see separate page)
67			FLYWHEEL (see engine page)
68	PGF-16428	6	BOLT, clutch flywheel
69	813000	1	PLUG, pipe
70	164046	1	PLUG, expansion, 1-5/8" dia. (not shown)
71	634217	4	LOCK PLATE, impeller hub screw
72	634231	8	SCREW, turbine hub
73	634232	8	WASHER, lock, turbine hub screw
74	PGF-17650	1	PLATE, name, converter serial number
75	751020	2	SCREW, converter serial number plate

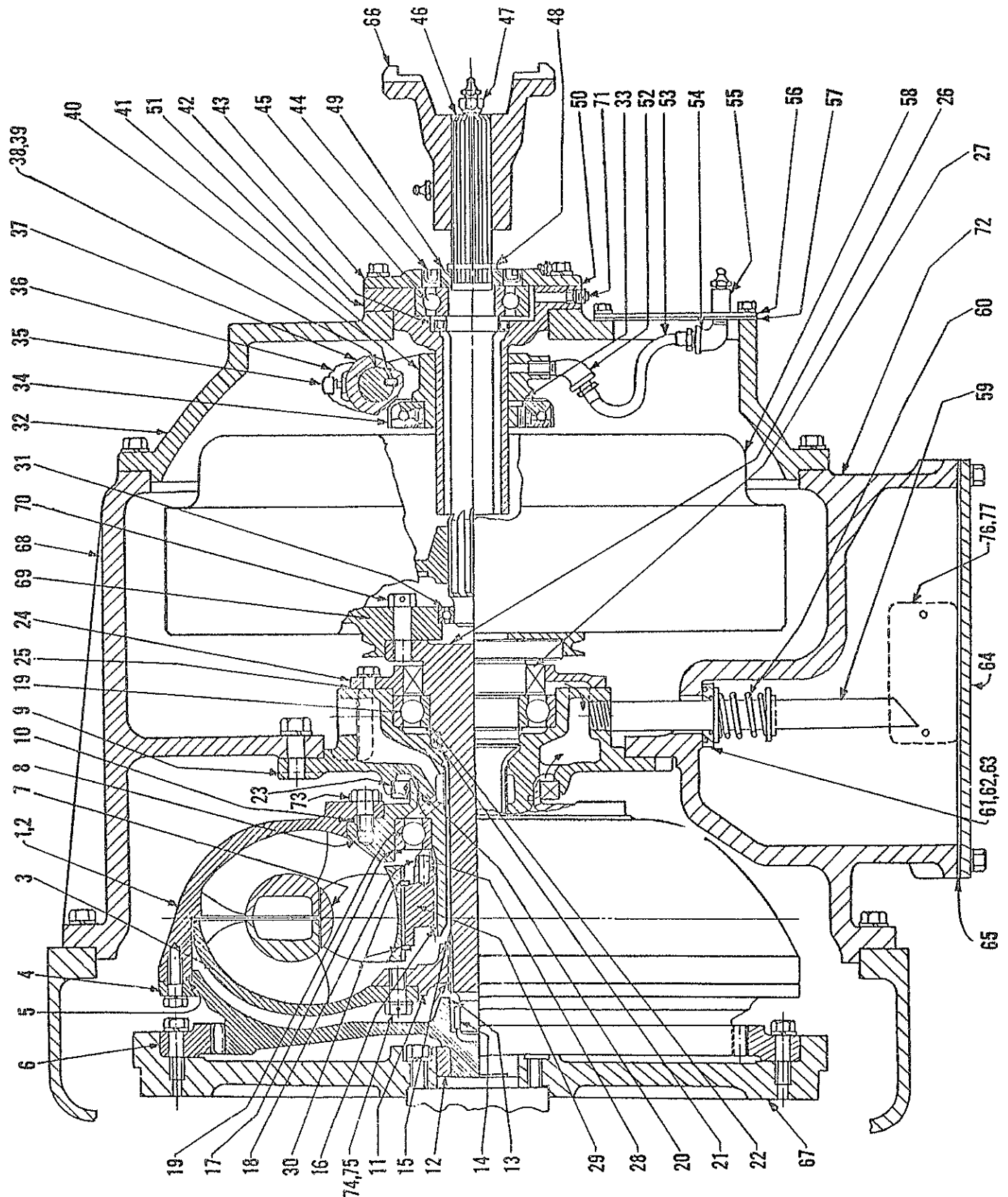


(For Part Numbers,
see next page)

TORCON TORQUE CONVERTER (14")
IN COMBINATION WITH POWER REVERSE UNIT
(On Pacer 447 & Super 467)

TORCON TORQUE CONVERTER - 14"
IN COMBINATION WITH POWER REVERSE UNIT
(On Pacer 447 and Super 467)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16690	1	TORQUE CONVERTER UNIT (includes Ref. Nos. 2 to 28 inclusive also Ref. Nos. 39, 40 and 41)
2	634213	1	IMPELLER
3	634230	1	TURBINE
4	634236	1	COVER, impeller
5	634237	1	"O" RING, impeller cover
6	634242	1	GEAR, coupling, flywheel
7	634220	1	REACTION MEMBER
8	634214	1	HUB, impeller
9	634208	1	STATOR SUPPORT & SLEEVE ASSEMBLY
10	634215	1	"O" RING, impeller hub
11	634234	1	HUB, turbine
12	634241	1	SLEEVE, impeller cover
13	634240	1	RING, snap, bearing
14	634239	1	BEARING, impeller cover
15	634235	2	RING, snap, turbine hub
16	634223	1	RING, snap, reaction member
17	634219	1	RING, snap, bearing
18	634222	1	SPACER, reaction member
19	634218	2	BEARING, impeller hub and turbine shaft
20	634212	1	RING, piston
21	634229	1	RING, piston
22	634228	1	RING, snap, bearing
23	634211	1	SEAL, oil
24	634224	1	CAP, rear bearing
25	634225	1	GASKET, rear bearing cap
26	634227	1	SHAFT, turbine
27	634226	1	SEAL, oil
28	634221	1	ROLL PIN
29	PG-2514	1	HOUSING, converter
30	PGF-16064	1	PIPE, drain
31	ASF-3541	1	SPRING
32	PGF-16065	1	RETAINER, "O" ring
33	PGF-9648-5	1	"O" RING, small
34	PGF-9648-8	1	"O" RING, large
35	PGF-16498	1	COVER
36	PGF-16497	1	GASKET, cover
37			FLYWHEEL (see engine page)
38			REVERSE UNIT (see separate page)
39	634217	4	LOCK PLATE, impeller hub screw
40	634231	8	SCREW, turbine hub
41	634232	8	WASHER, lock, turbine hub screw
42	PGF-17650	1	PLATE, name, converter serial number
43	751020	2	SCREW, converter serial number plate

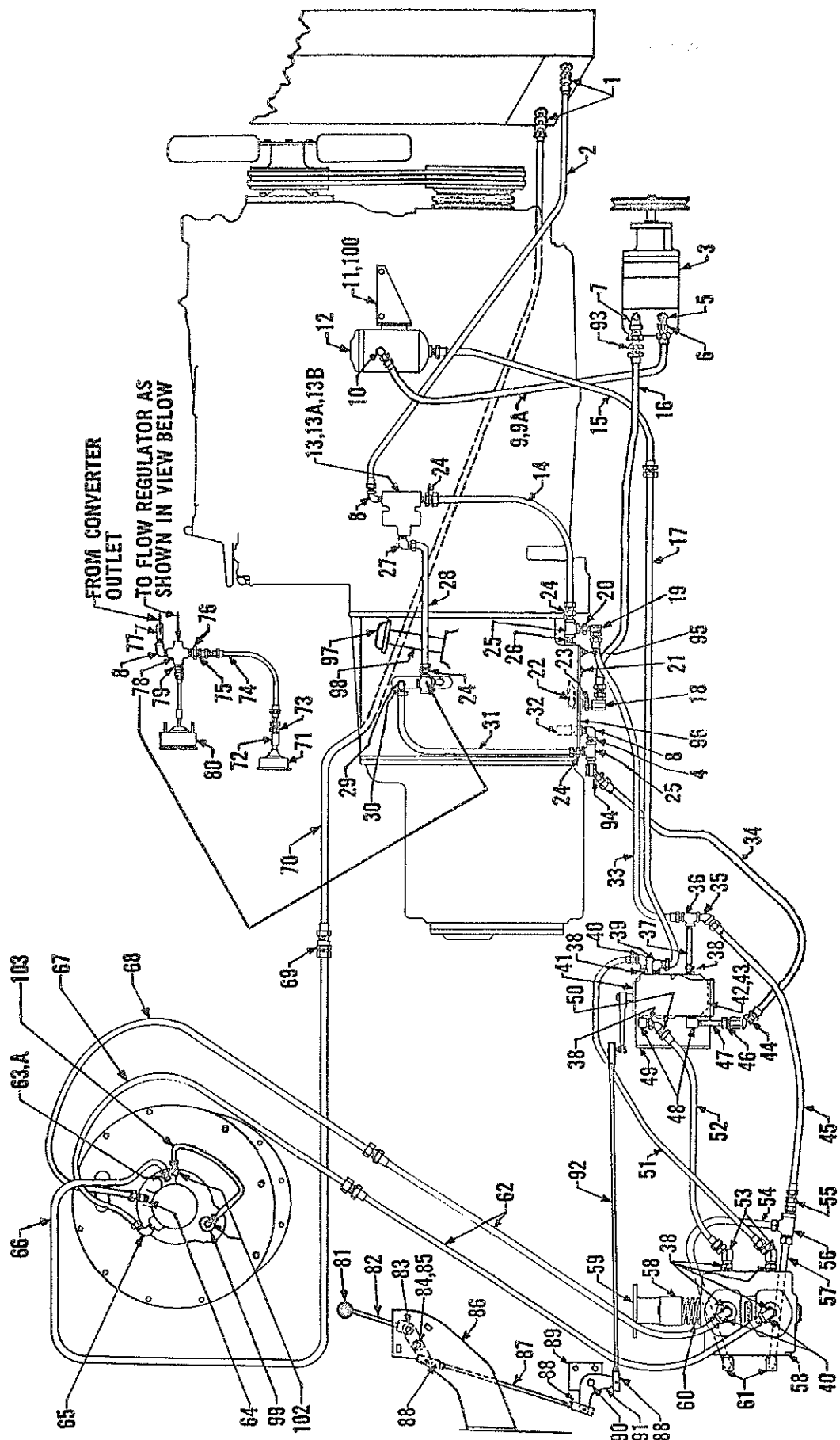


TORCON TORQUE CONVERTER (15")
IN COMBINATION WITH CLUTCH DRIVE
(On Super 566)

(For Part Numbers,
see next page)

TORCON TORQUE CONVERTER - 15"
IN COMBINATION WITH CLUTCH DRIVE
(On Super 566)
(For illustration, see preceding page)

PAGE NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16706	1	TORQUE CONVERTER UNIT (includes Ref. Nos. 2 to 30 inclusive also Ref. Nos. 73, 74 and 75)
2	634244	1	IMPELLER
3	634245	1	TURBINE
4	634236	1	COVER, impeller
5	634237	1	"O" RING, impeller cover
6	634242	1	GEAR, coupling, flywheel
7	634243	1	REACTION MEMBER
8	634214	1	HUB, impeller
9	634208	1	STATOR SUPPORT AND SLEEVE ASSEMBLY
10	634215	1	"O" RING, impeller hub
11	634234	1	HUB, turbine
12	634241	1	SLEEVE, impeller cover
13	634240	1	RING, snap, bearing
14	634239	1	BEARING, impeller cover
15	634235	2	RING, snap, turbine hub
16	634223	1	RING, snap, reaction member
17	634219	1	RING, snap, bearing
18	634222	1	SPACER, reaction member
19	634218	2	BEARING, impeller hub and turbine shaft
20	634212	1	RING, piston
21	634229	1	RING, piston
22	634228	1	RING, snap, bearing
23	634211	1	SEAL, oil
24	634224	1	CAP, rear bearing
25	634225	1	GASKET, rear bearing cap
26	634227	1	SHAFT, turbine
27	634226	1	SEAL, oil
28	634221	1	ROLL PIN
29	634246	1	HUB, reaction member
30	634247	2	RING, snap, reaction member hub
31	311158	1	BEARING, ball, clutch pilot
32	PG-2277	1	BELL HOUSING, clutch
33	PGF-11577	1	PIN, for throwout bearing
34	PGF-11576	1	BEARING, ball, clutch throwout
35	PGF-9269	1	SETSCREW, yoke
36	PGF-9738	1	WIRE, locking
37	PG-2015	1	YOKE, clutch throwout
38	HCF-2823	1	SHAFT, throwout yoke
39	PGF-8978	1	LEVER (not shown - on outer end of shaft)
40	111010	1	KEY, Woodruff, in yoke
41	PG-2493	1	CARRIER, bearing
42	194262	1	SEAL, oil, small
43	PG-2413	1	CAP, oil seal
44	PGF-11192	1	SEAL, oil, large
45	311167	1	BEARING, ball
46	HCF-1923	1	SHAFT, clutch
47	PGF-15787	1	NIPPLE, extension
48	PGF-10452	1	RING, snap
49	PGF-11178	1	SPACER, clutch shaft
50	PGF-8766	1	GASKET, bearing cap
51	PG-2017	1	SLEEVE, bearing carrier
52	565001	1	ELBOW, street, 90°
53	PGF-17580	1	HOSE, grease
54	563001	1	ELBOW, street, 90°
55	525001	1	COUPLING
56	HCF-1969	1	PLATE, inspection
57	HCF-1968	1	GASKET, inspection plate
58			CLUTCH (see separate page)
59	PGF-16064	1	PIPE, drain
60	ASF-3541	1	SPRING
61	PGF-16065	1	RETAINER, "O" ring
62	PGF-9648-5	1	"O" RING, small
63	PGF-9648-8	1	"O" RING, large
64	PGF-16498	1	COVER
65	PGF-16497	1	GASKET, cover
66			YOKE, fitting (see separate page)
67			FLYWHEEL (see engine page)
68	PG-2514	1	HOUSING, converter
69	PG-2447	1	FLYWHEEL, clutch
70	PGF-16428	6	BOLT, clutch flywheel
71	813000	1	PLUG, pipe
72	164046	1	PLUG, expansion, 1-5/8" dia. (not shown)
73	634217	4	LOCK PLATE, impeller hub screw
74	634231	8	SCREW, turbine hub
75	634232	8	WASHER, lock, turbine hub screw
76	PGF-17650	1	PLATE, name, converter serial number
77	751020	2	SCREW, converter serial number plate



(For Part Numbers,
see next page)

INSTRUMENTS, PIPING, CONNECTIONS AND CONTROLS
(Torcon Torque Converter with Forward and Reverse Unit)
(Pacer 447 and Super 467)

INSTRUMENTS, PIPING, CONNECTIONS AND CONTROLS
(Torcon Torque Converter with Forward and Reverse Unit)
(Pacer 447 and Super 467)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-12294-8	4	UNION, adapter
2	PGF-16356	1	* HOSE ASSEMBLY (36" overall length)
3		1	DUAL PUMP (see separate page)
4	532184	1	NIPPLE
5	532188	1	NIPPLE
6	PGF-12286-7	1	COUPLING, 90° female
7	WRF-1591	1	ELBOW, 90° street
8	563005	3	ELBOW, 90° street
9	PGF-16351	1	½ HOSE ASSEMBLY (23" overall length)
9A	PGF-16357	1	* HOSE ASSEMBLY (27½" overall length)
10	PGF-12282-7	1	COUPLING, 90° male
11	PGF-16441	1	* BRACKET, oil filter
12	PGF-17270	1	FILTER ASSEMBLY (063037 element)
13	PGF-16907	1	FLOW CONTROL ASSEMBLY
13A	PGF-17005	1	## PAD, mounting
13B	PGF-17010	1	# PLATE, flow regulator
14	PGF-17002	1	* TUBE ASSEMBLY (¾" O.D. x 23-1/2" long with two PGF-9496-8 sleeves and two PGF-9497-8 nuts)
15	PGF-14688	1	HOSE ASSEMBLY (16-1/2" overall length)
16	PGF-17465	1	HOSE ASSEMBLY (37" overall length)
17	PGF-16583	1	TUBE ASSEMBLY (¾" O.D. x 47-1/4" long with two PGF-9496-8 sleeves and two PGF-9497-8 nuts)
18	PGF-12282-9	1	COUPLING, 90° male
19	PGF-12282-4	1	COUPLING, 90° male
20	883008	1	BUSHING, reducer
21	810004	1	PLUG, pipe
22	PGF-16506	1	NIPPLE
23	883010	1	BUSHING, reducer
24	PGF-10143-8	4	COUPLING, male connector
25	537005	2	TEE, pipe
26	532183	1	NIPPLE
27	PGF-10144-8	1	COUPLING, 90° elbow
28	PGF-17001	1	* TUBE ASSEMBLY (¾" O.D. x 13-1/2" long with two PGF-9496-8 sleeves and two PGF-9497-8 nuts)
29	532208	1	NIPPLE
30	PGF-10145-8	1	COUPLING, 90° female elbow
31	PGF-17003	1	TUBE ASSEMBLY (¾" O.D. x 20-1/4" long with two PGF-9496-8 sleeves and two PGF-9497-8 nuts)

Note: * Used on GMC-471 engine only.
 ½ Used on Cummins engine only.
 # Parts not illustrated.

(continued)

(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
32	PGF-16459	1	VALVE, relief
33	ASF-7464	1	HOSE ASSEMBLY (33" overall length)
34	ASF-6978	1	HOSE ASSEMBLY (15½" overall length)
35	564003	1	ELBOW, 45° street
36	537003	1	TEE, pipe
37	532093	1	NIPPLE
38	883004	6	BUSHING, reducer
39	PGF-10144-14	1	COUPLING, 90° elbow
40	563003	3	ELBOW, 90° street
41	PGF-16416	1	SELECTOR VALVE ASSEMBLY
42	PG-2492	1	PAD
43	PGF-16657	1	GASKET
44	PGF-12282-2	1	COUPLING
45	PGF-17058	1	HOSE ASSEMBLY (13" overall length)
46	883007	1	BUSHING, reducer
47	532144	1	NIPPLE
48	PGF-10104-4	2	ELBOW, 90°
49	PGF-16608	1	BRACKET, power reverse valve
50	559003	1	ELBOW, 45° street
51	PGF-17008	1	HOSE ASSEMBLY (16" overall length)
52	PGF-17006	1	HOSE ASSEMBLY (28" overall length)
53	PGF-12287-3	2	COUPLING, 45° male
54	PGF-17062	1	TUBE ASSEMBLY (1/2" O.D. x 10-1/4" long with two PGF-9496-6 sleeves and two PGF-9497-6 nuts)
55	PGF-12294-5	1	UNION, adapter
56	PGF-10184-6	1	TEE, coupling
57	PGF-17063	1	TUBE ASSEMBLY (1/2" O.D. x 7-7/16" long with two PGF-9496-6 sleeves and two PGF-9497-6 nuts)
58	PGF-17046	1	VALVE ASSEMBLY, double selector
58A	PGF-16722	1	# BRACKET, foot control valve
59	PGF-17026	1	PAD, foot, for valve
60	PGF-15988	1	SPRING, valve foot pad
61	PGF-10144-15	2	COUPLING, 90° elbow
62	PGF-17009	2	HOSE ASSEMBLY (29-1/2" overall length)
63	PGF-10143-14	1	COUPLING, male connector
63A	PGF-17838	1	CONNECTOR (1/8" pipe tap on side)
64	PGF-10331-7	1	COUPLING, 45° male elbow
65	PGF-10144-7	1	COUPLING, 90° elbow

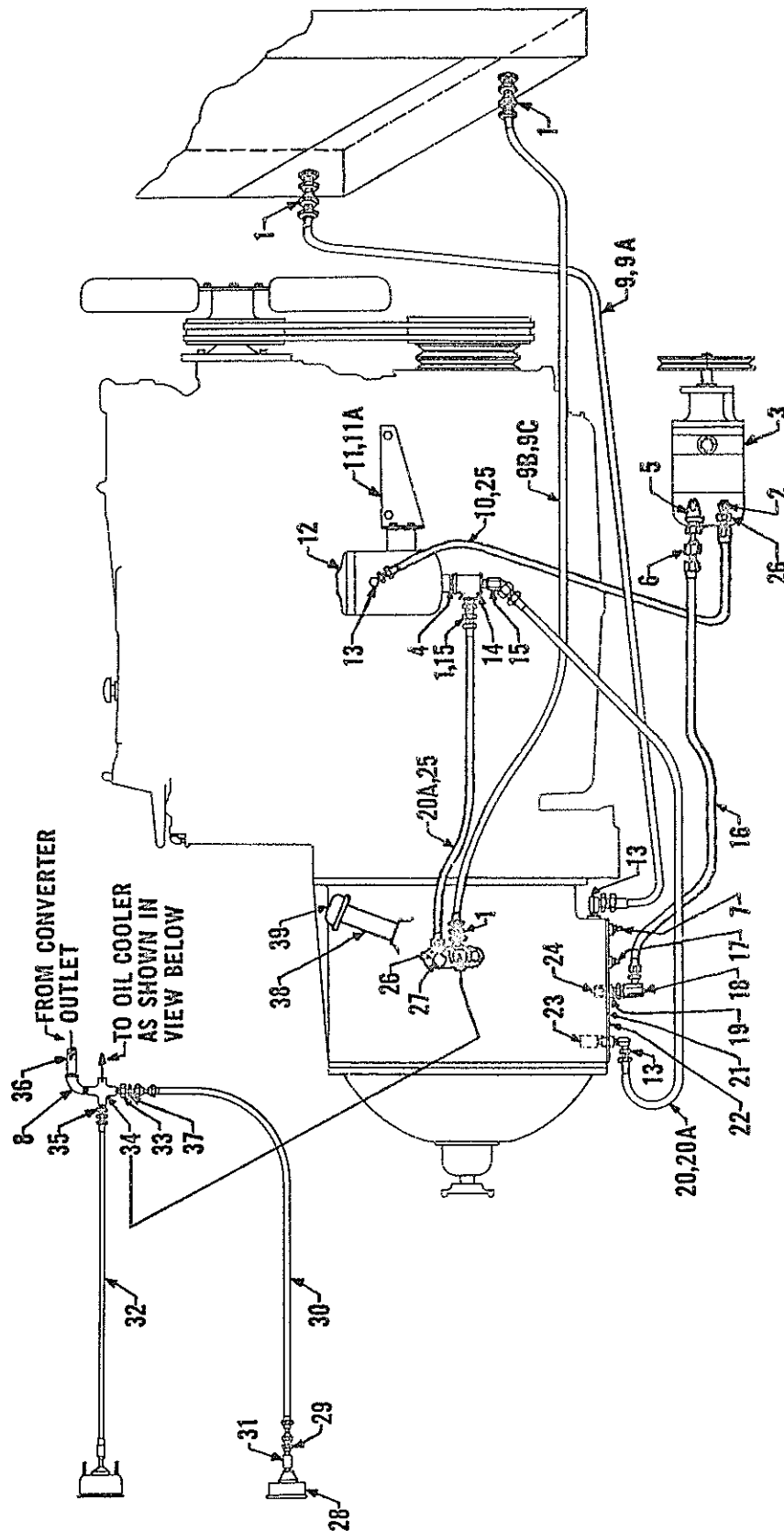
Note: # Parts not illustrated.

(continued)

(Continued from preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
66	PGF-17004	1	TUBE ASSEMBLY (3/4" O.D. x 27" long with two PGF-9496-8 sleeves and two PGF-9497-8 nuts)
67	PGF-16586	1	TUBE ASSEMBLY (5/8" O.D. x 39-1/4" long with two PGF-9496-7 sleeves and two PGF-9497-7 nuts)
68	PGF-16585	1	TUBE ASSEMBLY (5/8" O.D. x 35-1/2" long with two PGF-9496-7 sleeves and two PGF-9497-7 nuts)
69	PGF-10310-8	1	COUPLING, female connector
70	PGF-16641	1	* HOSE ASSEMBLY (58" overall length)
71	PGF-15767	1	GAUGE, converter oil pressure
72	525001	1	COUPLING, pipe
73	840003	1	CONNECTOR, half union
74	PGF-14660	1	HOSE ASSEMBLY (56-1/2" overall length)
75	840004	1	CONNECTOR, half union
76	526008	1	BUSHING, reducer
77	532216	1	NIPPLE
78	535005	1	CROSS, pipe
79	526010	1	BUSHING, reducer
80	PGF-15769	1	GAUGE, converter temperature
81	PGF-7721	1	BALL, shift lever
82	PGF-16726	1	SHIFT LEVER ASSEMBLY
83	PGF-16724	1	SPACER
84	PGF-15672	1	SPRING
85	021003	1	BALL
86	PGF-16723	1	SUPPORT, shift lever
87	PGF-16718	1	ROD, shift lever
88	PGF-16262-4	4	JOINT, ball
89	PGF-16605	1	ANCHOR, bell crank
90	PGF-16725	1	SPACER, bell crank anchor
91	PGF-16719	1	BELL CRANK
92	PGF-17056	1	ROD, shift lever
93	PGF-12294-9	1	UNION, adapter
94	PGF-12287-5	1	UNION, adapter
95	810001	1	PLUG, pipe
96		1	COVER AND GASKET (see converter page)
97	PGF-16508	1	TUBE, breather
98	PGF-16509	1	BREATHER ASSEMBLY, filler and oil gauge
99	PGF-18063	1	PLUG
100	PGF-17090	1	% BRACKET, oil filter
101	PGF-17037	1	# ANGLE, selector control rod mount
102	PGF-11523	2	ELBOW (use with Ref. 63A)
103	PGF-15054	1	TUBE (use with Ref. 63A)

Note: * Used on GMC-471 engine only.
 % Used on Cummins engine only.
 # Parts not illustrated.



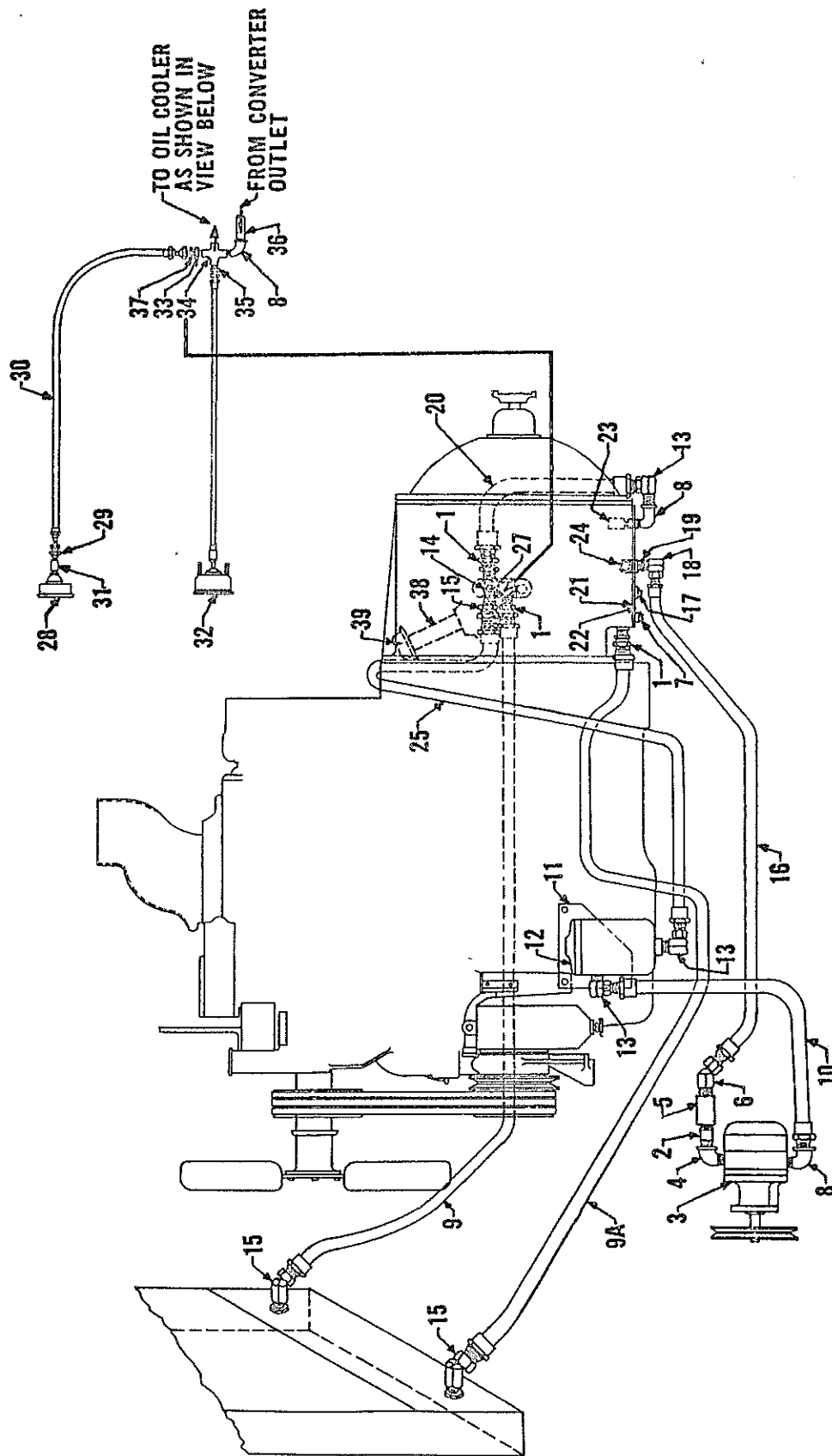
(For Part Numbers,
see next page)

INSTRUMENTS, PIPING AND CONNECTIONS
(Torcon Torque Converter and Dry Clutch)
(Pacer 446 and Super 466)

INSTRUMENTS, PIPING AND CONNECTIONS
(Torcon Torque Converter and Dry Clutch)
(Pacer 446 and Super 466)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-12294-8	4	UNION, adapter
2	532188	1	NIPPLE
3		1	DUAL PUMP (see separate page)
4	532184	1	NIPPLE
5	WRF-1591	1	ELBOW, 90°
6	PGF-12294-9	1	UNION, adapter
7	810001	1	PLUG, pipe
8	563005	1	ELBOW, 90° street
9	PGF-16641	1	* HOSE ASSEMBLY (58" overall length)
9A	PGF-16640	1	% HOSE ASSEMBLY (60" overall length)
9B	PGF-16640	1	* HOSE ASSEMBLY (60" overall length)
9C	PGF-16641	1	% HOSE ASSEMBLY (58" overall length)
10	PGF-16351	1	HOSE ASSEMBLY (23" overall length)
11	PGF-16441	1	* BRACKET, oil filter
11A	PGF-17090	1	% BRACKET, oil filter
12	PGF-17270	1	FILTER ASSEMBLY (063037 element)
13	PGF-12282-7	3	COUPLING, 90° male
14	537005	1	TEE, pipe
15	PGF-12287-5	2	COUPLING, 45° male (1 req'd on GMC engine)
16	PGF-17465	1	HOSE ASSEMBLY (37" overall length)
17	810004	1	PLUG, pipe
18	PGF-12282-9	1	COUPLING, 90° male
19	883010	1	BUSHING, reducer
20	PGF-16356	1	* HOSE ASSEMBLY (36" overall length)
20A	PGF-16354	2	% HOSE ASSEMBLY (42-1/2" overall length)
21		1	GASKET (see converter page)
22		1	PLATE, cover (see converter page)
23	PGF-16459	1	VALVE, relief
24	PGF-16506	1	NIPPLE
25	PGF-16357	2	* HOSE ASSEMBLY (27-1/2" overall length)
26	PGF-12286-7	2	COUPLING, 90° female
27	532208	1	NIPPLE
28	PGF-15767	1	GAUGE, pressure
29	840003	1	CONNECTOR, half union
30	PGF-14660	1	HOSE ASSEMBLY (56-1/2" overall length)
31	525001	1	COUPLING, pipe
32	PGF-15769	1	HEAT INDICATOR ASSEMBLY
33	526008	1	BUSHING, reducer
34	535005	1	CROSS, pipe
35	526010	1	BUSHING, reducer
36	532216	1	NIPPLE
37	840004	1	CONNECTOR, half union
38	PGF-16508	1	TUBE, breather
39	PGF-16509	1	BREATHER ASSEMBLY, filler and oil gauge

Note: * GMC engine only.
% Cummins engine only.

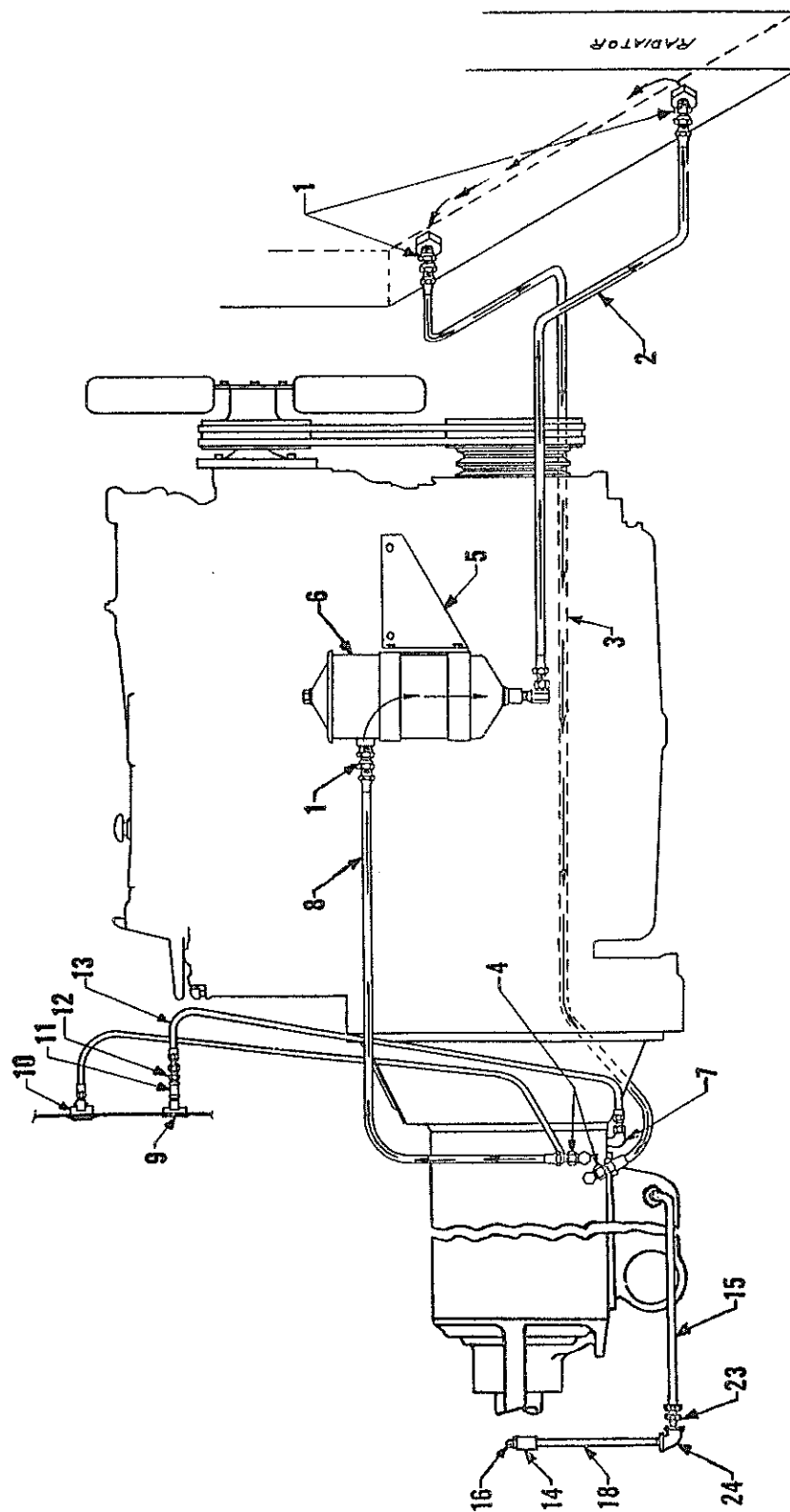


(For Part Numbers,
see next page)

INSTRUMENTS, PIPING AND CONNECTIONS
(Torcon Torque Converter and Dry Clutch)
(Super 566)

INSTRUMENTS, PIPING AND CONNECTIONS
(Torcon Torque Converter and Dry Clutch)
(Super 566)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-12294-8	3	UNION, adapter
2	532232	1	NIPPLE
3		1	PUMP (see separate page)
4	563006	1	ELBOW, 90°
5	525006	1	COUPLING
6	PGF-12287-6	1	COUPLING, 45° swivel
7	810001	1	PLUG, pipe
8	563005	3	ELBOW, 90° street
9	PGF-16640	1	HOSE ASSEMBLY (60" overall length)
9A	PGF-16641	1	HOSE ASSEMBLY (58" overall length)
10	ASF-6978	1	HOSE ASSEMBLY (15-1/2" overall length)
11	PGF-17015	1	BRACKET, oil filter
12	PGF-17270	1	FILTER ASSEMBLY (063037 element)
13	PGF-12282-7	3	COUPLING, 90° male
14	537005	1	TEE, pipe
15	PGF-12287-5	3	COUPLING, 45° male
16	PGF-17021	1	HOSE ASSEMBLY (48" overall length)
17	810004	1	PLUG, pipe
18	PGF-12282-9	1	COUPLING, 90° male
19	883010	1	BUSHING, reducer
20	PGF-17059	1	HOSE ASSEMBLY (22" overall length)
21		1	GASKET (see converter page)
22		1	PLATE, cover (see converter page)
23	PGF-16459	1	VALVE, relief
24	PGF-16506	1	NIPPLE
25	PGF-17024	1	HOSE ASSEMBLY (67" overall length)
27	532208	1	NIPPLE
28	PGF-15767	1	GAUGE, pressure
29	840003	1	CONNECTOR, half union
30	PGF-14660	1	HOSE ASSEMBLY (56-1/2" overall length)
31	525001	1	COUPLING, pipe
32	PGF-15769	1	HEAT INDICATOR ASSEMBLY
33	526008	1	BUSHING, reducer
34	535005	1	CROSS, pipe
35	526010	1	BUSHING, reducer
36	532216	1	NIPPLE
37	840004	1	CONNECTOR, half union
38	PGF-16508	1	TUBE, breather
39	PGF-16509	1	BREATHER ASSEMBLY, filler and oil gauge



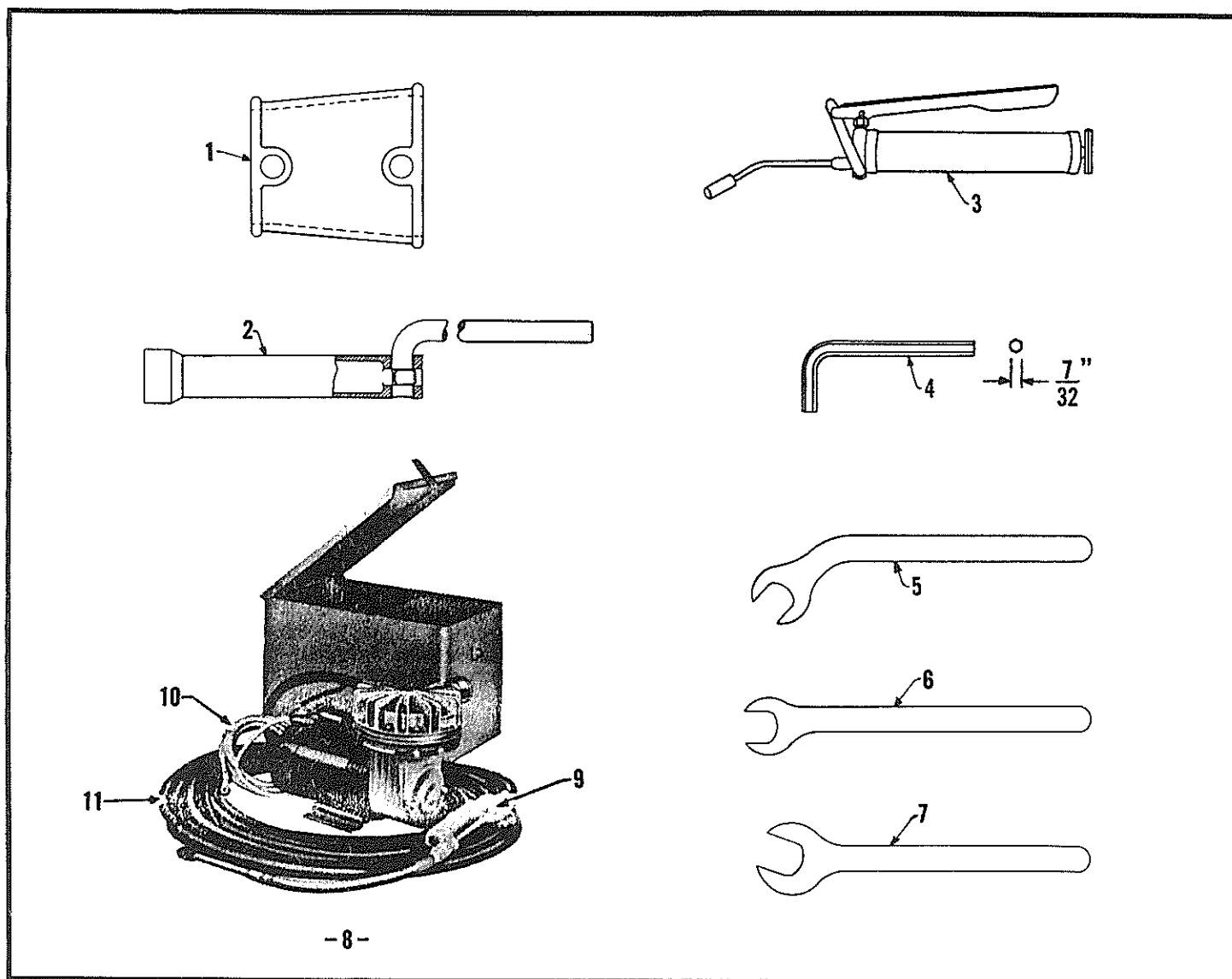
(For Part Numbers,
see next page)

INSTRUMENTS, PIPING AND CONNECTIONS
(Allison Torque Converter Integral With Power Shift Transmission)
(Pacer 448 and Super 468)

INSTRUMENTS, PIPING AND CONNECTIONS
 (Allison Torque Converter Integral with Power Shift Transmission)
 (Pacer 448 and Super 468)
 (For illustration, see preceding page)

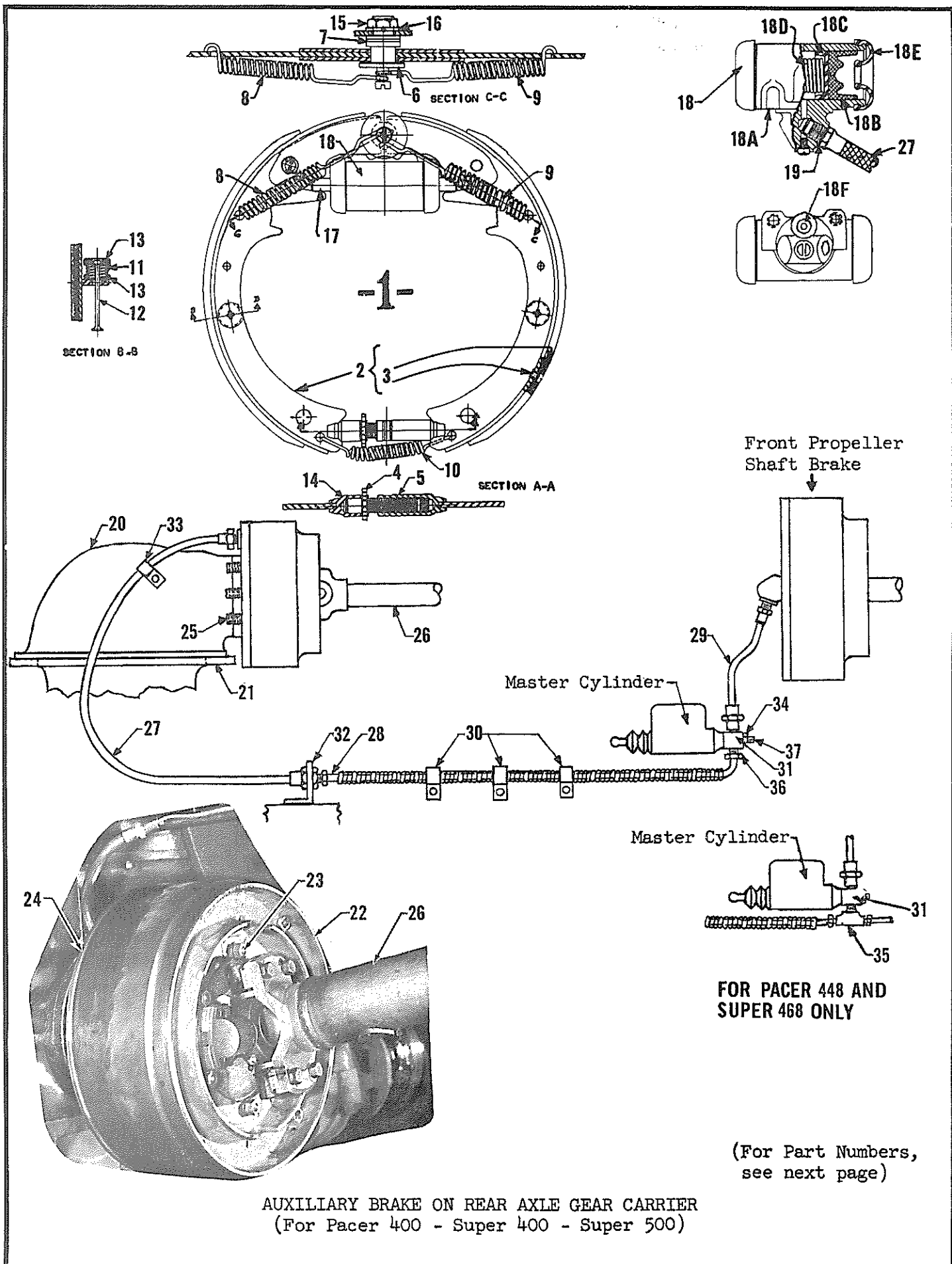
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-12294-8	3	UNION, adapter
2	PGF-16487	1	HOSE ASSEMBLY (34" overall length)
3	PGF-16482	1	HOSE ASSEMBLY (75" overall length)
4	PGF-12282-7	3	COUPLING, 90° male
5	PGF-16517	1	SUPPORT, oil filter
6	PGF-15898	1	FILTER ASSEMBLY
7	835003	1	ELBOW, male, 45° half union
8	PGF-16510	1	HOSE ASSEMBLY (45" overall length)
9	PGF-16297	1	GAUGE, oil pressure
10	PGF-15769	1	HEAT INDICATOR ASSEMBLY
11	525001	1	COUPLING, pipe
12	840003	1	CONNECTOR, half union
13	PGF-16703	1	HOSE ASSEMBLY 80-1/2" overall length)
14	525005	1	COUPLING
15	PGF-17186	1	TUBE, filler (includes #787020 inverted nut - 1 required)
16	PGF-16248	1	GAUGE, oil, dip stick
17	PGF-17190	1	* BRACKET, filler tube
18	532203	1	NIPPLE
19	WRF-1004	1	* CLIP, for Ref. No. 15
20	PGF-16710	1	* CLIP, hose (1-1/4" Dia.)
21	PGF-16711	1	* ANGLE, for Ref. No. 20
22	PGF-14757	1	* BREATHER
23	PGF-10143-8	1	COUPLING, male
24	522005	1	ELBOW, 90°

Note: * Parts not illustrated.



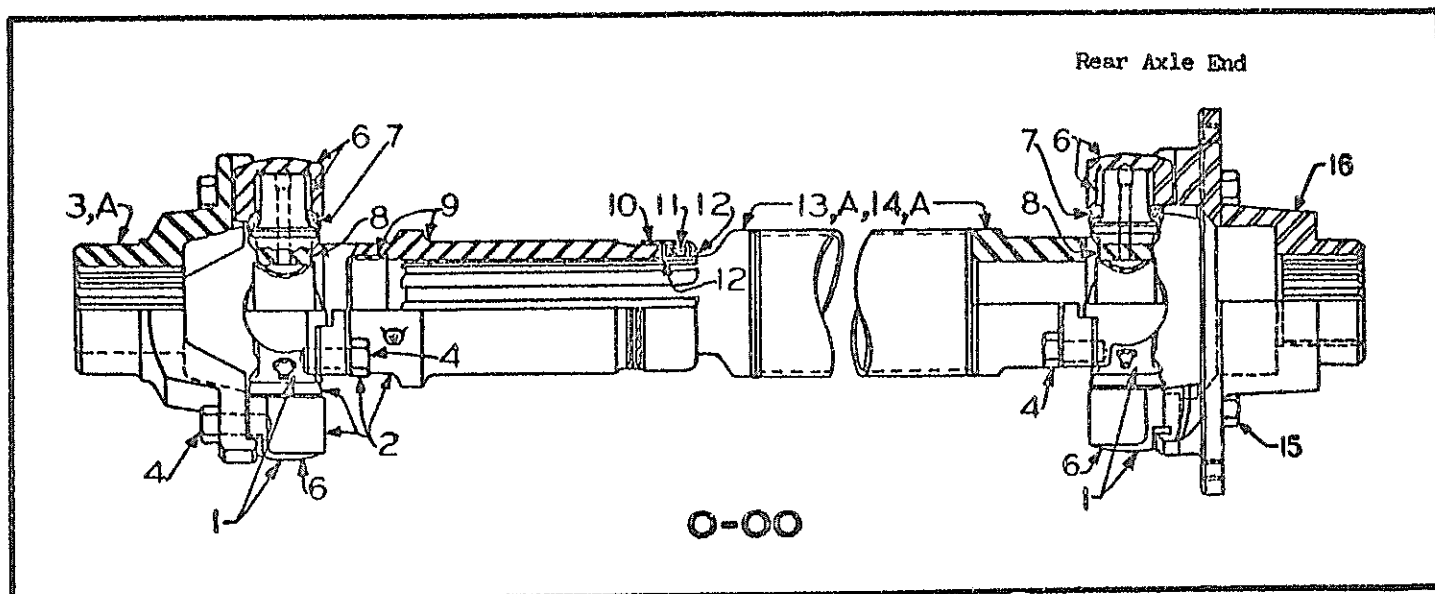
TOOLS AND TIRE PUMP

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PG-934	1	WRENCH, front wheel bearing nut
2	PGF-6510	1	WRENCH, wheel stud
3	ASF-6993	1	GREASE GUN
4	848007	1	WRENCH, control valve, hollow head capscrew
5	PGF-10149	1	WRENCH (1-1/8" opening), hydraulic coupling for 5/8" fitting
6	PGF-10150	1	WRENCH (1-1/8" opening), hydraulic coupling for 5/8" fitting
7	PGF-10148	1	WRENCH (1-1/4" opening), hydraulic coupling for 3/4" fitting
8	PGF-13961	1	ELECTRIC TIRE PUMP - battery operated (special order) - (includes Ref. Nos. 9, 10 and 11) Obtain repair parts from Johnson Service Co., Milwaukee, Wisconsin
9	515003	1	IN-LINE AIR GAUGE AND SWITCH
10	515004	1	CABLE, battery (9')
11	515005	1	HOSE AND WIRE ASSEMBLY (30')



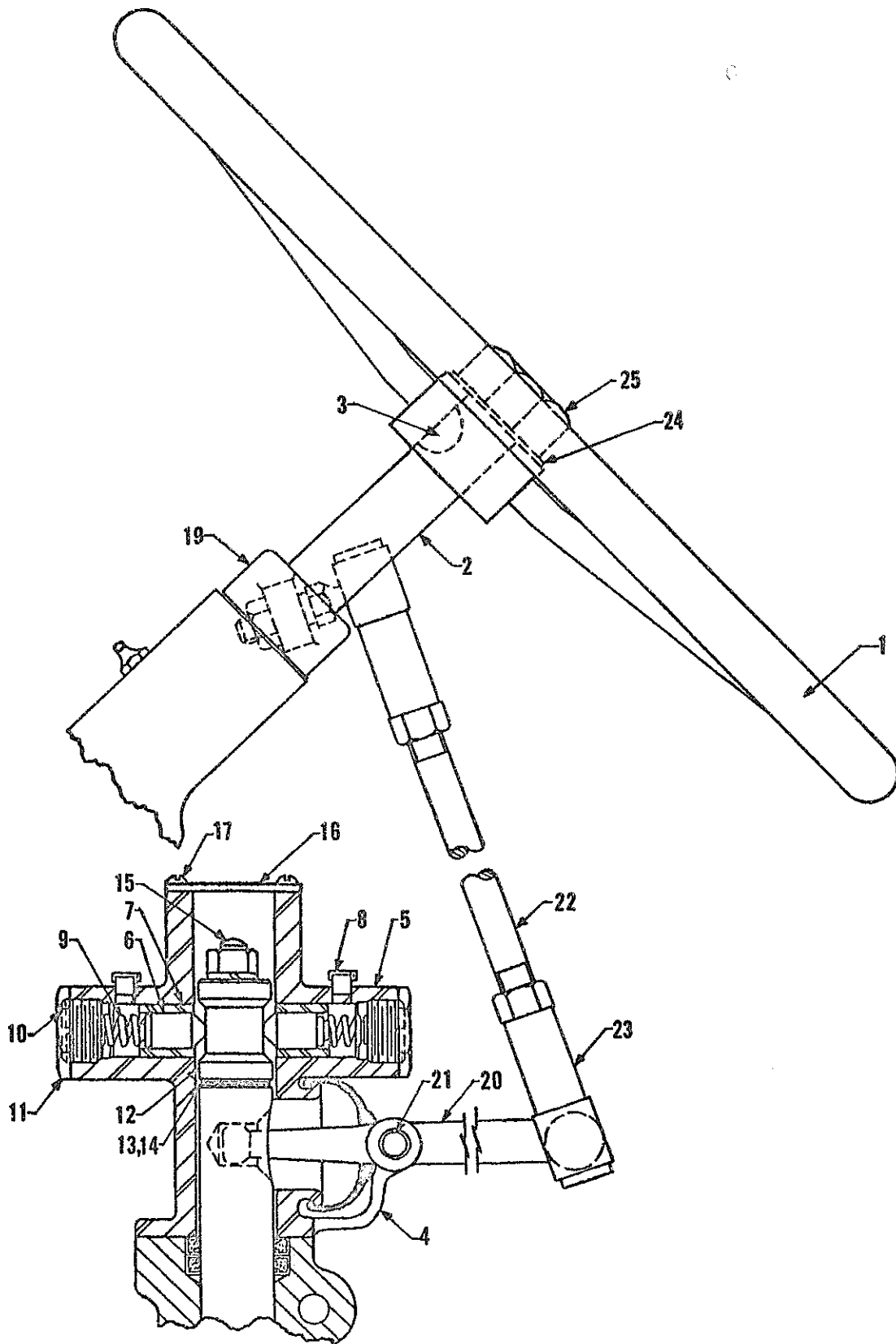
AUXILIARY BRAKE ON REAR AXLE GEAR CARRIER
(For Pacer 400 - Super 400 - Super 500)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-17362	1	BRAKE GROUP (includes Ref. Nos. 2 to 16 inclusive)
2	PGF-17362-55	1	SHOE AND LINING SET (2 shoes lined. Includes Ref. No. 3)
3	PGF-17362-56	1	LINING SET (2 linings includes rivets)
4	331033	1	SCREW, adjusting
5	331061	1	NUT, pivot, adjusting screw
6	331035	1	GUIDE, anchor pin shoe
7	331053	1	PIN, anchor
8	331039	1	SPRING (primary), anchor to shoe
9	331038	1	SPRING (secondary), anchor to shoe
10	331034	1	SPRING, adjusting screw
11	331020	2	SPRING, shoe hold down
12	331024	2	PIN, spring
13	331021	4	CUP, spring
14	331065	1	SOCKET, adjusting screw
15	331062	1	NUT, anchor pin
16	331027	1	LOCK WASHER, anchor pin
17	PGF-7359	2	LINK, connecting
18	PGF-11504	1	CYLINDER GROUP (includes Ref. Nos. 18A to 18F inclusive)
18A	333133	1	CASTING
18B	333014	2	PISTON
18C	333015	2	CUP
18D	333016	1	SPRING, return
18E	333117	2	BOOT
18F	333146	1	SCREW, bleeder
19	ASF-5451	1	GASKET
20	PGF-16144	1	GEAR CARRIER ASSEMBLY (replaces regular part)
21	PGF-16629	1	PLATE, rear axle support (replaces regular part)
22	PG-944	1	DRUM, brake
23	PGF-4450	6	STUD, brake drum
24	PG-2071	1	PLATE, backing
25	PGF-8851	7	STUD, backing plate
26		1	PROPELLER SHAFT (replaces regular part) (see separate page)
27	PGF-17561	1	HOSE ASSEMBLY, rear brake (32-1/8" overall length)
28	PGF-15222	1	TUBE ASSEMBLY
29	PGF-17581	1	HOSE ASSEMBLY, front brake (17-7/8" overall length)
30	PGF-9524	3	CLAMP
31	PGF-12234	1	FITTING
32	PGF-12243	1	CLIP, tube
33	PGF-11604	1	CLIP, hose
34	PGF-12249	1	BOLT, fitting
35	842003	1	TEE, 2 way (448 and 468 only)
36	786003	1	FITTING
37	810000	1	PLUG, pipe



REAR PROPELLER SHAFT
 (From Transfer Case to Auxiliary Brake on Rear Axle Gear Carrier)
 (For Pacer 400 - Super 400 - Super 500)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-17223	1	PROPELLER SHAFT, complete
00	PGF-18138	1	PROPELLER SHAFT, complete
1	PGF-8807-57	2	SPIDER AND BEARING GROUP (includes Ref. Nos. 6, 7 and 8 assembled)
2	465289	1	JOINT GROUP (includes Ref. Nos. 4 to 12 inclusive)
3	PGF-8537-58	1	YOKE, fitting (10 spline)
3A	PGF-18311-55	1	YOKE, fitting (27 spline)-(for Ref. 00 only)
4	PGF-9717-55	12	CAPSCREW
6		8	BEARING GROUP (not sold separately)- (Order Ref. No. 1)
7	465149	8	WASHER, cork
8		2	SPIDER GROUP (not sold separately)- (Order Ref. No. 1)
9	465292	1	SLIP YOKE, with dust cup
10	465013	1	RETAINER, felt
11	465293	1	FELT
12	465294	2	WASHER, felt retainer
13	465290	1	PROPELLER TUBE AND JOINT GROUP (includes Ref. Nos. 4, 6, 7, 8 and 14)
13A	PGF-18139-55	1	PROPELLER TUBE AND JOINT GROUP (includes Ref. Nos. 4, 6, 7, 8 and 14A)
14	465291	1	PROPELLER TUBE GROUP
14A	465314	1	PROPELLER TUBE GROUP
15	PGF-10797-57	4	CAPSCREW
16	PGF-16229-55	1	YOKE, flanged



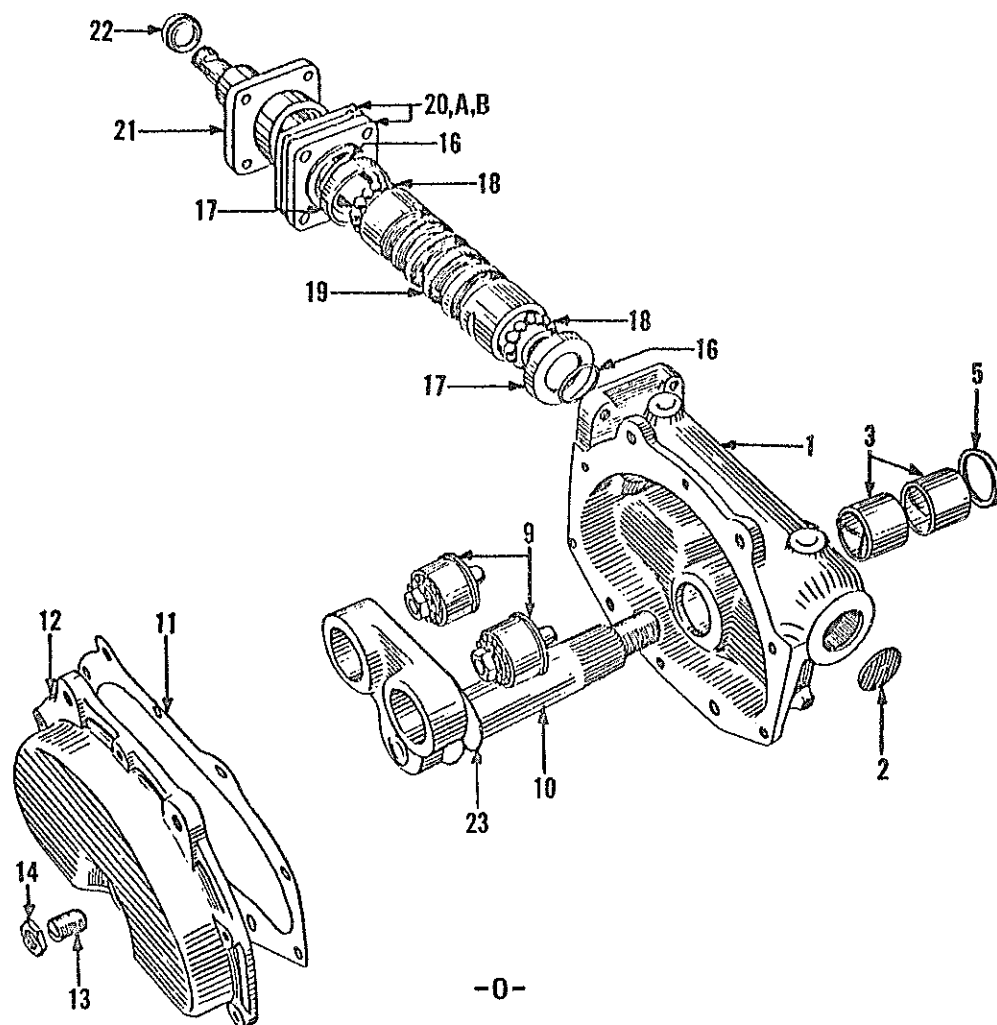
(For Part Numbers,
see next page)

DUOMATIC FRONT STEER MECHANISM
(For Pacer 400 - Super 400 - Super 500)

DUOMATIC FRONT STEER MECHANISM
(For Pacer 400 - Super 400 - Super 500)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-15600	1	WHEEL, steering
2	PGF-15491	1	SHAFT, steering wheel
3	111008	1	KEY, Woodruff
4	PG-2386	1	BRACKET, valve lever
5	PG-2448	1	HOUSING, valve sleeve
6	PGF-15615	2	PLUNGER, valve spool
7	PGF-15660	2	BUSHING, valve housing
8	PGF-15621	2	CUP, oil
9	PGF-15672	2	SPRING, valve housing
10	PGF-15764	2	SCREW, adjusting, valve spool
11	724010	2	PALNUT
12	PGF-16055	1	SPOOL, valve plug
13	PGF-15616	3	SHIM (.010), valve spool
14	PGF-15661	3	SHIM (.020), valve spool
15	PGF-16056	1	STUD, steer spool
16	PGF-15663	1	COVER, housing
17	747082	2	SCREW, machine
18	PGF-15749	1	INSTRUCTION TAG (not illustrated)
19	PG-2466	1	LEVER, counterbalance
20	PG-2418	1	LEVER, valve shift
21	PGF-15673	1	BUSHING, valve shift lever
22	PGF-15603	1	ROD, steering link
23	PGF-15602	2	JOINT, ball and socket
24	766015	1	WASHER, lock, external teeth
25	726010	1	NUT, jam

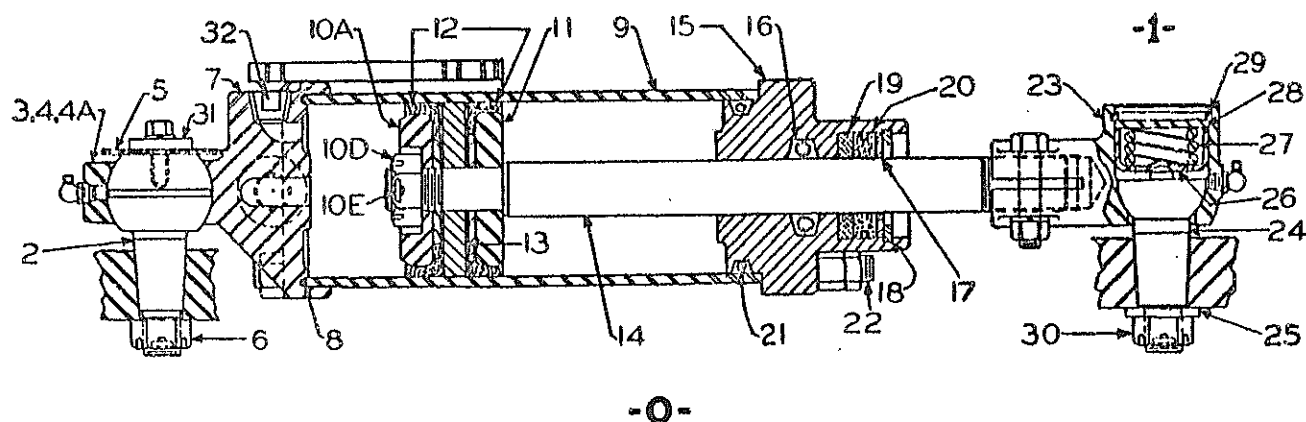
Note: For parts not identified, refer to standard equipment hydraulic valve control pages.



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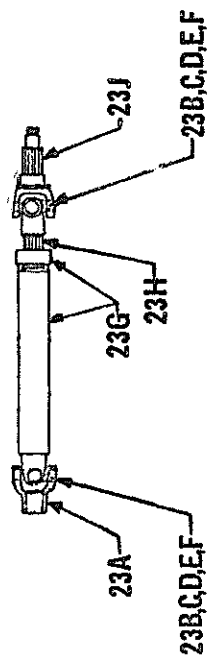
STEERING GEAR UNIT
For Front Wheel Booster Steering
(For Pacer 400 - Super 400 - Super 500)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-12840	1	STEERING GEAR UNIT
1	422117	1	HOUSING ASSEMBLY (includes Ref. No. 3)
2	422126	1	PLUG, expansion
3	422040	2	BUSHING
5	422041	1	SEAL, oil
9	422112	1 Set	STUD-ROLLER BEARING GROUP (one set consists of two matched units)
10	422014	1	LEVERSHAFT ASSEMBLY
11	422026	1	GASKET, side cover
12	422023	1	COVER, side
13	422024	1	SCREW, adjusting
14	422025	1	NUT, lock
16	422049	2	RING, retaining
17	422047	2	CUP, ball
18	422048	28	BALL
19	422115	1	CAM AND SHAFT ASSEMBLY
20	422061	As req'd	SHIM - .002"
20A	422062	As req'd	SHIM - .003"
20B	422063	As req'd	SHIM - .010"
21	422123	1	COVER ASSEMBLY (includes Ref. No. 22)
22	422021	1	SEAL, oil
23	422120	2	WASHER, spring

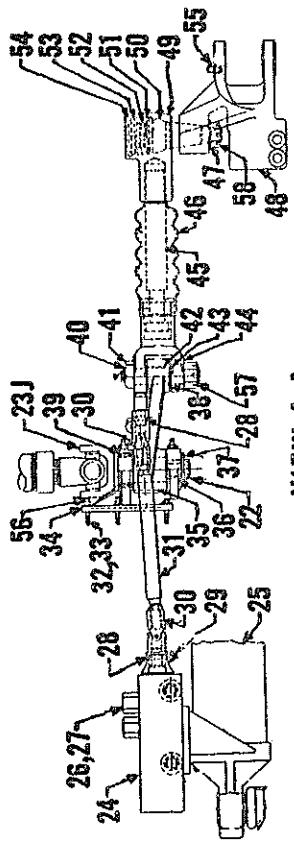
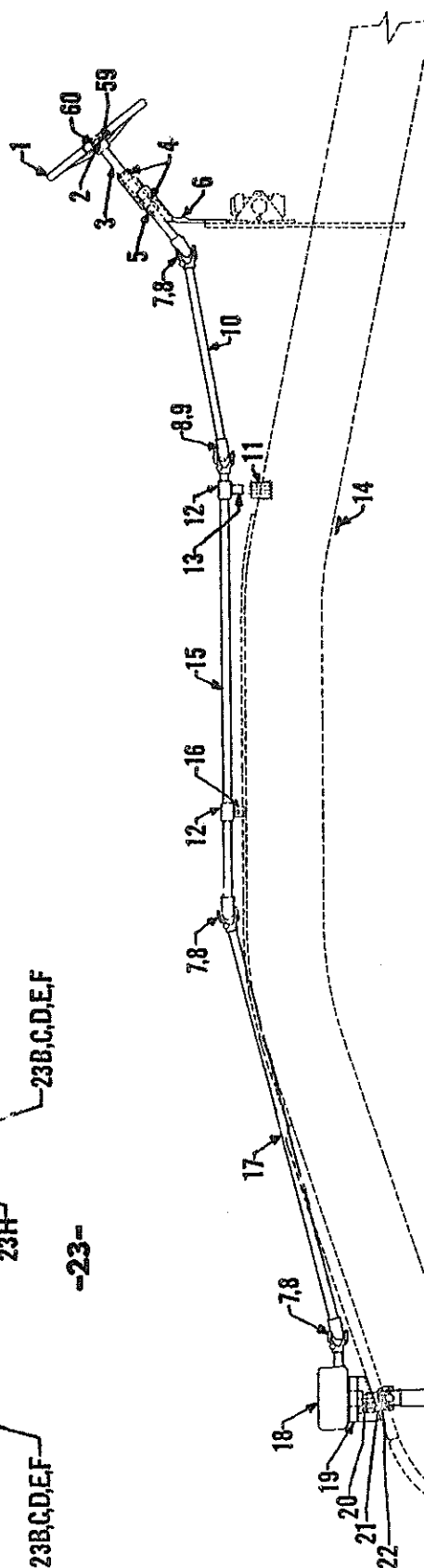


RAM FOR FRONT WHEEL BOOSTER STEERING
(For Pacer 400 - Super 400 - Super 500)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0		1	STEERING RAM GROUP (part of PGU-2812)
1	PGUS-9206	1	SOCKET GROUP (Ref. Nos. 23 to 30 incl.)
2	PGF-8823	1	STUD, ball
3	PGF-9487	1	CAP, ball
4	MGF-1992	4	SHIM, ball cap - .024" thick
4A	PGF-11856	4	SHIM, ball cap - .010" thick
5	PGF-3318	1	WASHER
6	734010	1	NUT, slotted
7	PGF-16377	1	BASE
8	PGF-9648-69	2	"O" RING
9	PGF-16372	1	CYLINDER
10A	PGF-10805	1	SPREADER, outer
10D	PGF-11547	1	NUT, slotted
10E	166037	1	PIN, cotter
11	PGF-8227	1	SPREADER, inner
12	PGF-17086	2	CUP
13	PG-A-694	1	PISTON
14	PGF-8982	1	ROD, piston
15	PG-A-2000	1	HEAD
16	PGF-9648-27	1	"O" RING
17	PGF-13171	1	WASHER
18	PGF-4515	1	RING, snap
19	PGF-7022	1	FELT
20	PGF-7026	1	WIPER
21	PGF-9648-1	1	"O" RING
22	PGF-16374	4	ROD, tie
23	PGF-4256	1	SOCKET
24	PGF-9939	1	STUD, ball
25	PGF-9944	1	WASHER, ball stud
26	PGF-4258	1	SEAT, spring
27	PGF-4259	1	SPRING
28	PGF-4261	1	PLUG
29	PGF-4260	1	WIRE, lock
30	737009	1	NUT, slotted
31	PGF-10314	1	PLATE, washer
32	812003	1	PLUG, pipe



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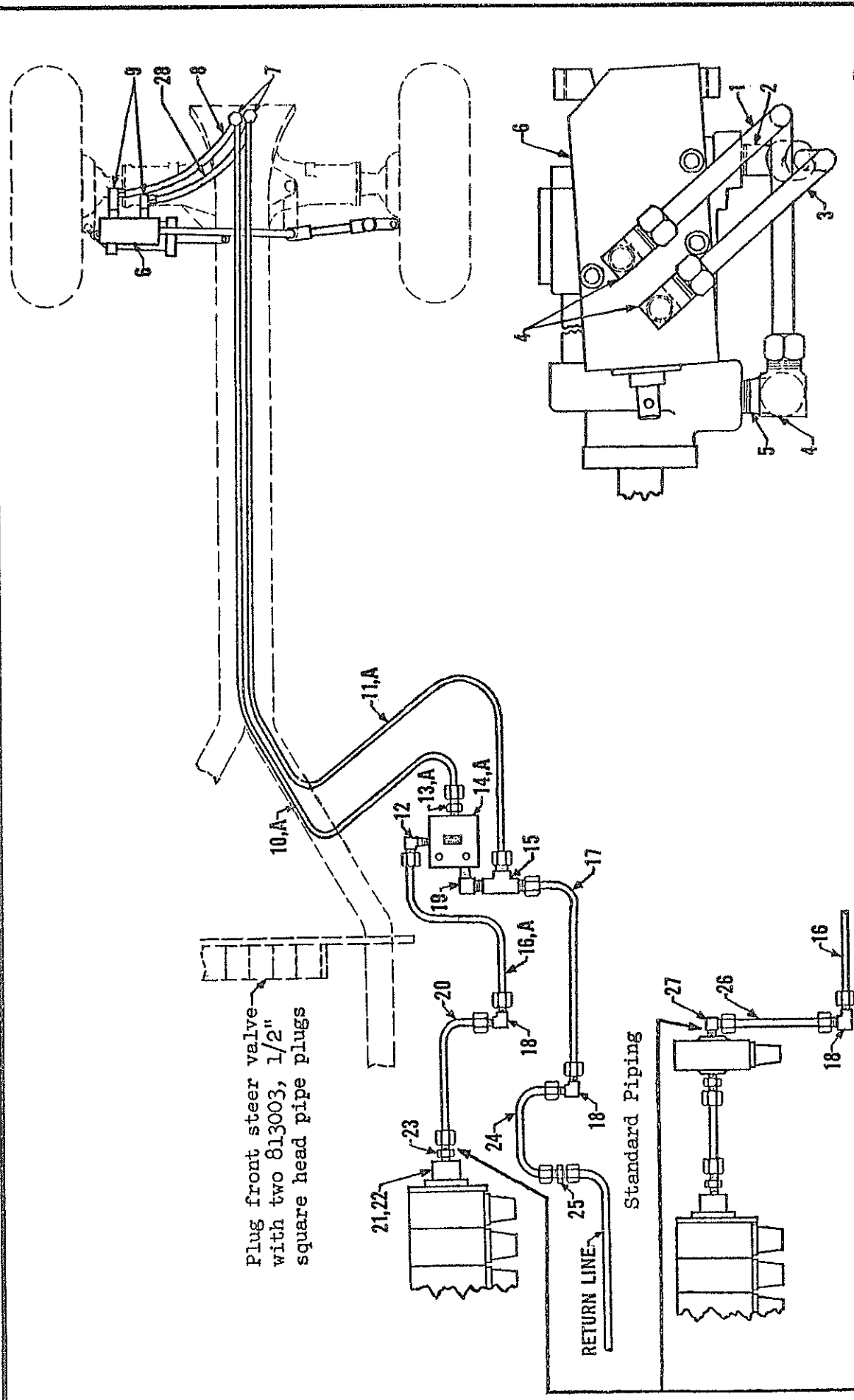
VIEW A-A
RIGHT SIDE OF MACHINE

(For Part Numbers,
see next page)

LINKAGE FOR FRONT WHEEL BOOSTER STEERING
(For Pacer 400 - Super 400 - Super 500)

LINKAGE FOR FRONT WHEEL BOOSTER STEERING
(For Pacer 400 - Super 400 - Super 500)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-15600	1	WHEEL, steering
2	111008	1	KEY, Woodruff
3	PGF-16221	1	SHAFT, steering wheel
4			BUSHING, steering wheel shaft support (see hydraulic valve control page)
5	PGF-16222	1	COLLAR, steering wheel shaft
6			SUPPORT, steering wheel shaft (see hydraulic valve control page)
7	PGF-12845	3	JOINT, steering shaft
8	111010	7	KEY, Woodruff
9	PGF-12819	1	JOINT, steering shaft
10	PGF-12849	1	SHAFT, rear, steering
11	PGF-12049	1	SUPPORT, steering shaft (welded to frame)
12	PG-1282	2	BEARING, steering shaft
13	PGF-6563	1	PIN, steering shaft support
14	PGF-13811	1	STOP, hi-lift ram (welded to frame)
15	PGF-12847	1	SHAFT, center, steering
16	PGF-12050	1	SUPPORT, steering shaft bearing (welded to frame)
17	PGF-12848	1	SHAFT, front, steering
18			STEERING GEAR UNIT (see separate page)
19	PGF-12172	1	BRACKET, steering gear unit (welded to frame)
20	PGF-12827	1	RING, snap
21	PGF-12747	1	WASHER, upper
22	PGF-12030	2	NUT, slotted
23	PGF-12885	1	PROPELLER SHAFT, complete
23A	465233	1	YOKE, slip
23B	465225	2	SPIDER AND BEARING GROUP (includes Ref. Nos. 23C, D and E assembled; also Ref. No. 23F)
23C		8	BEARING GROUP (not sold separately. Order Ref. No. 23B)
23D	465150	8	WASHER, cork
23E		2	SPIDER GROUP (not sold separately. Order Ref. No. 23B)
23F	465226	8	RING, snap
23G	465251	1	PROPELLER TUBE AND CAP GROUP
23H	465252	1	WELD YOKE AND STUB SHAFT GROUP
23J	465224	1	YOKE, slip
24	PGF-13732	1	VALVE UNIT
25			RAM (see separate page)
26	PGF-13741	4	ADAPTER, steer valve
27	PGF-9648-41	4	"O" RING, steer valve adapter
28	739100	2	PIN, groove
29	PGF-14671	1	BOOT
30	PGF-13725	2	JOINT, universal
31	PGF-13728	1	ROD, steer valve
32	PGF-16342	1	STUD, bracket (3-1/8" long)
33	PGF-15487	5	STUD, bracket (3-1/2" long)
34	PG-2428	1	BRACKET
35	PG-2376	1	ARM, steering
36	PGF-12458	1	BUSHING, lower, steering arm
37	PGF-12459	1	WASHER, lower
38	PGF-15724	1	SPACER, steering arm
39	PGF-12886	1	BUSHING, upper, steering arm
40	PGF-12008	1	BOLT, steer valve pivot
41	PGF-5502	1	PIN, locking (for yoke pivot bolt)
42	PGF-13759	1	BUSHING, steering arm
43	PGF-13729	4	WASHER, steering arm
44	PGF-15723	1	YOKE (also order PGF-5502 pin)
45	PGF-13730	1	SHAFT with adjusting nut and bushing
46	PGF-14199	1	BOOT, shaft
47	PGF-9944	1	WASHER, ball stud
48	PG-2074	1	FORK, tie rod (also order PGF-13270 pin)
49	PGF-4256	1	SOCKET
50	PGF-9939	1	STUD, ball
51	PGF-4258	1	SEAT, spring
52	PGF-4259	1	SPRING
53	PGF-4261	1	PLUG
54	PGF-4260	1	WIRE, lock
55	PGF-13270	1	PIN, locking (for fork bolt)
56	914006	6	NUT, huglock
57	734011	1	NUT, slotted
58	734010	1	NUT, slotted
59	766015	1	WASHER, lock, external teeth
60	726010	1	NUT, jam



Top View of Booster Valve at Steer Ram

(For Part Numbers, see next page)

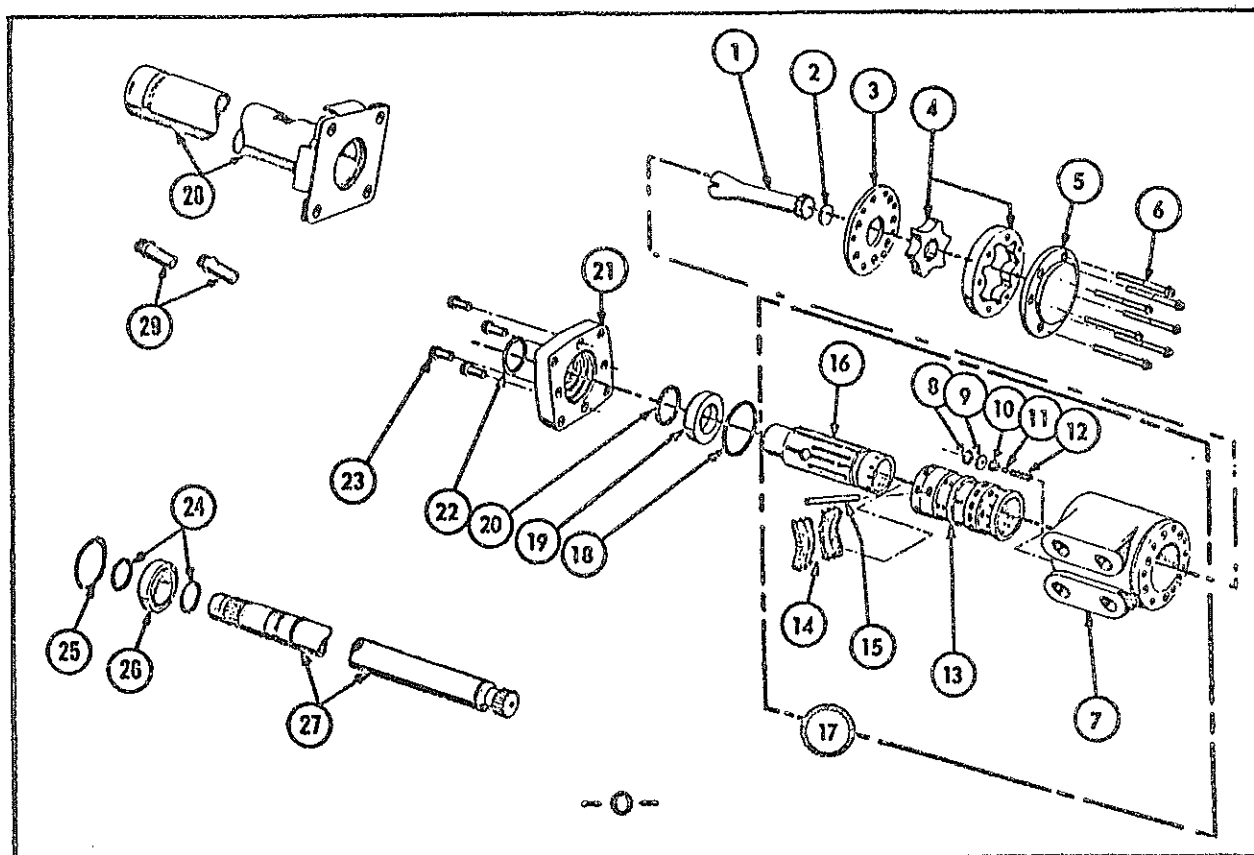
Typical Piping For R.H. Attachment Valve

Note: Attach pressure line to last valve in bank, or, last attachment valve

HYDRAULIC PIPING PARTS FOR FRONT WHEEL BOOSTER STEERING
(For Pacer 400 - Super 400 - Super 500)

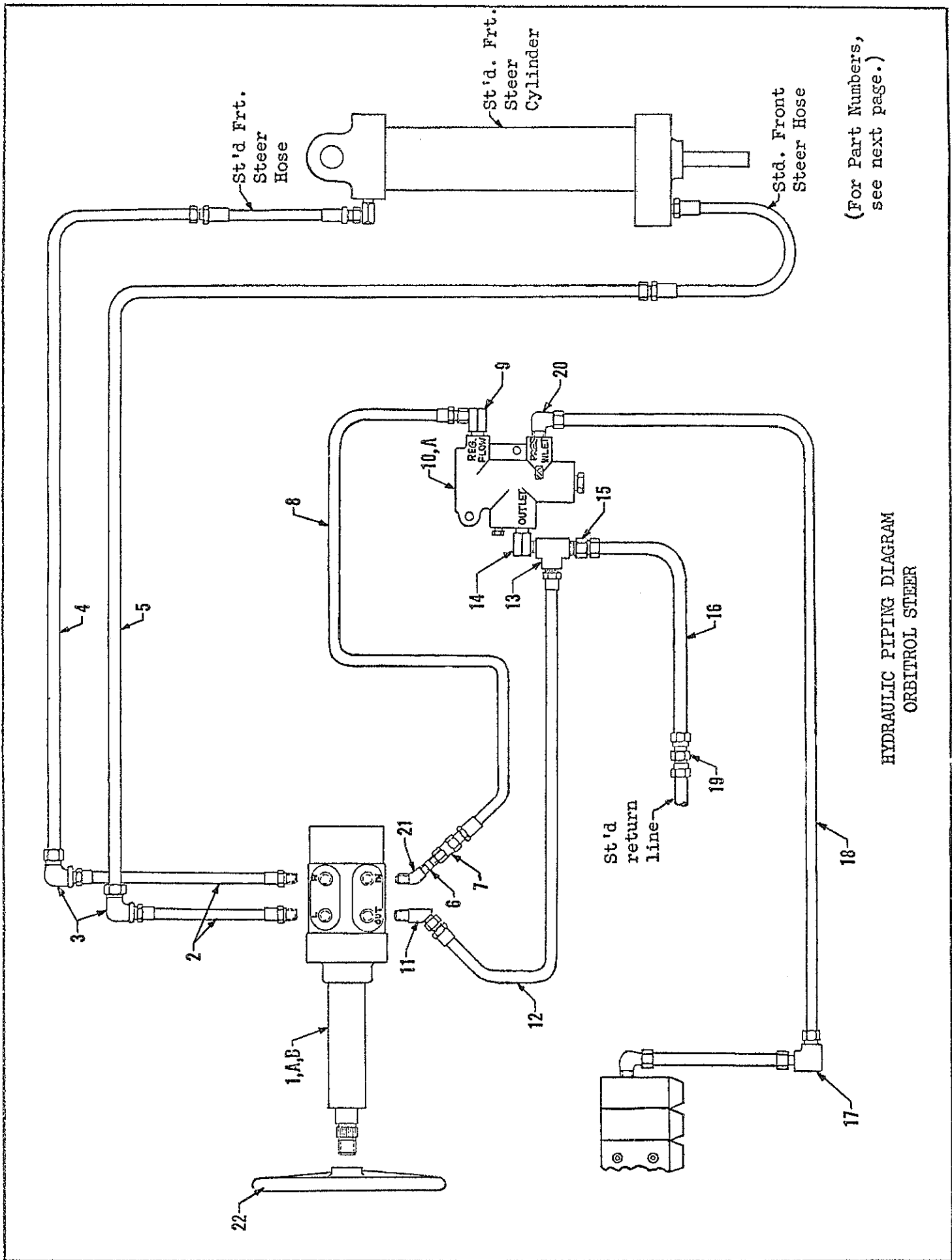
HYDRAULIC PIPING PARTS FOR FRONT WHEEL BOOSTER STEERING
(For Pacer 400 - Super 400 - Super 500)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16318	1	TUBE ASSEMBLY (5/8" OD x 23-1/4" long, with two PGF-9496-7 sleeves and two PGF-9497-7 nuts)
2	PGF-10331-7	1	ELBOW, 45° male
3	PGF-13763	1	TUBE ASSEMBLY (5/8" OD x 14" long, with two PGF-9496-7 sleeves and two PGF-9497-7 nuts)
4	PGF-10144-7	3	ELBOW, 90° male
5	PGF-9537-4	1	ELBOW, 90° male
6			BOOSTER VALVE (see linkage page)
7	PGF-12331	2	UNION, adapter
8	PGF-10772	1	HOSE ASSEMBLY (45-3/8" overall length)
9	PGF-12282-5	2	COUPLING, 90° male
10	PGF-12456	1	TUBE ASSEMBLY (3/4" OD x 176" long, with two PGF-9496-8 sleeves and two PGF-9497-8 nuts)
10A	PGF-17834	1	TUBE ASSEMBLY (3/4" OD x 173" long, with two PGF-9496-8 sleeves and two PGF-9497-8 nuts)
11	PGF-12461	1	TUBE ASSEMBLY (3/4" OD x 173-1/2" long, with two PGF-9496-8 sleeves and two PGF-9497-8 nuts)
11A	PGF-18134	1	TUBE ASSEMBLY (3/4" OD x 176-3/4" long, with two PGF-9496-8 sleeves and two PGF-9497-8 nuts)
12	PGF-10144-14	1	ELBOW, 90° male
13	PGF-10143-14	1	CONNECTOR, male
13A	922004	1	REDUCER
14	PGF-13734	1	VALVE, flow control
14A	HCF-10103	1	VALVE
15	PGF-10146-14	1	TEE
16	PGF-15119	1	TUBE ASSEMBLY (3/4" OD x 33" long, with two PGF-9496-8 sleeves and two PGF-9497-8 nuts)
16A	PGF-17814	1	TUBE ASSEMBLY (3/4" OD x 34" long, with two PGF-9496-8 sleeves and two PGF-9497-8 nuts)
17	PGF-15118	1	TUBE ASSEMBLY (3/4" OD x 26-7/8" long, with two PGF-9496-8 sleeves and two PGF-9497-8 nuts)
18	PGF-10161-8	2	ELBOW, 90° male
19	PGF-10104-4	1	ELBOW, 90° male
20	PGF-15115	1	TUBE ASSEMBLY (3/4" OD x 28-7/8" long, with two PGF-9496-8 sleeves and two PGF-9497-8 nuts)
21	PG-2227	1	ADAPTER
22	PGF-9648-2	1	"O" RING, adapter
23	PGF-10143-8	1	COUPLING
24	PGF-15116	1	TUBE ASSEMBLY (3/4" OD x 22-3/4" long, with two PGF-9496-8 sleeves and two PGF-9497-8 nuts)
25	PGF-9812-8	1	UNION
26	PGF-15117	1	TUBE ASSEMBLY (3/4" OD x 21-1/2" long, with two PGF-9496-8 sleeves and two PGF-9497-8 nuts)
27	PGF-10144-8	1	ELBOW, 90° male
28	PGF-10772	1	HOSE ASSEMBLY (45-3/8" overall length)
29	PGF-13769	8	STUD, pipe clamp (not illustrated)
30	PGF-13770	8	PLATE, pipe (not illustrated)



STEERING UNIT - ORBITROL

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGF-17642	1	STEERING UNIT - ORBITROL (includes Ref. Nos. 1 to 29 inclusive)
1	190042	1	DRIVE
2	190024	1	SPACER
3	190047	1	PLATE
4	190025	1	GENERATOR SET
5	190046	1	CAP, end
6	190045	7	CAPSCREW
7		1	HOUSING (not sold separately) - (see Ref. 17)
8	190037	1	"O" RING, seal
9	190048	1	PLUG, seal
10	190059	1	SEAT, check
11	190040	1	BALL, steel
12	190041	1	SPRING, compression
13		1	SLEEVE, control (not sold separately) - (see Ref. 17)
14	190034	6	SPRING, centering
15	190035	1	PIN, centering
16		1	SPOOL, control (not sold separately) - (see Ref. 17)
17	190036	1	CONTROL PARTS ASSEMBLY
18	190033	1	"O" RING, seal
19	190032	1	BUSHING, cap locator
20	190031	1	SEAL, quad ring
21	190029	1	PLATE, mounting
22	190028	1	SEAL, oil
23	190049	4	CAPSCREW
24	190053	2	RING, snap
25	190080	1	RING, retaining
26	190052	1	BEARING
27	190081	1	STEERING SHAFT ASSEMBLY
28	190082	1	TUBE AND FLANGE ASSEMBLY
29	190083	2	CAPSCREW

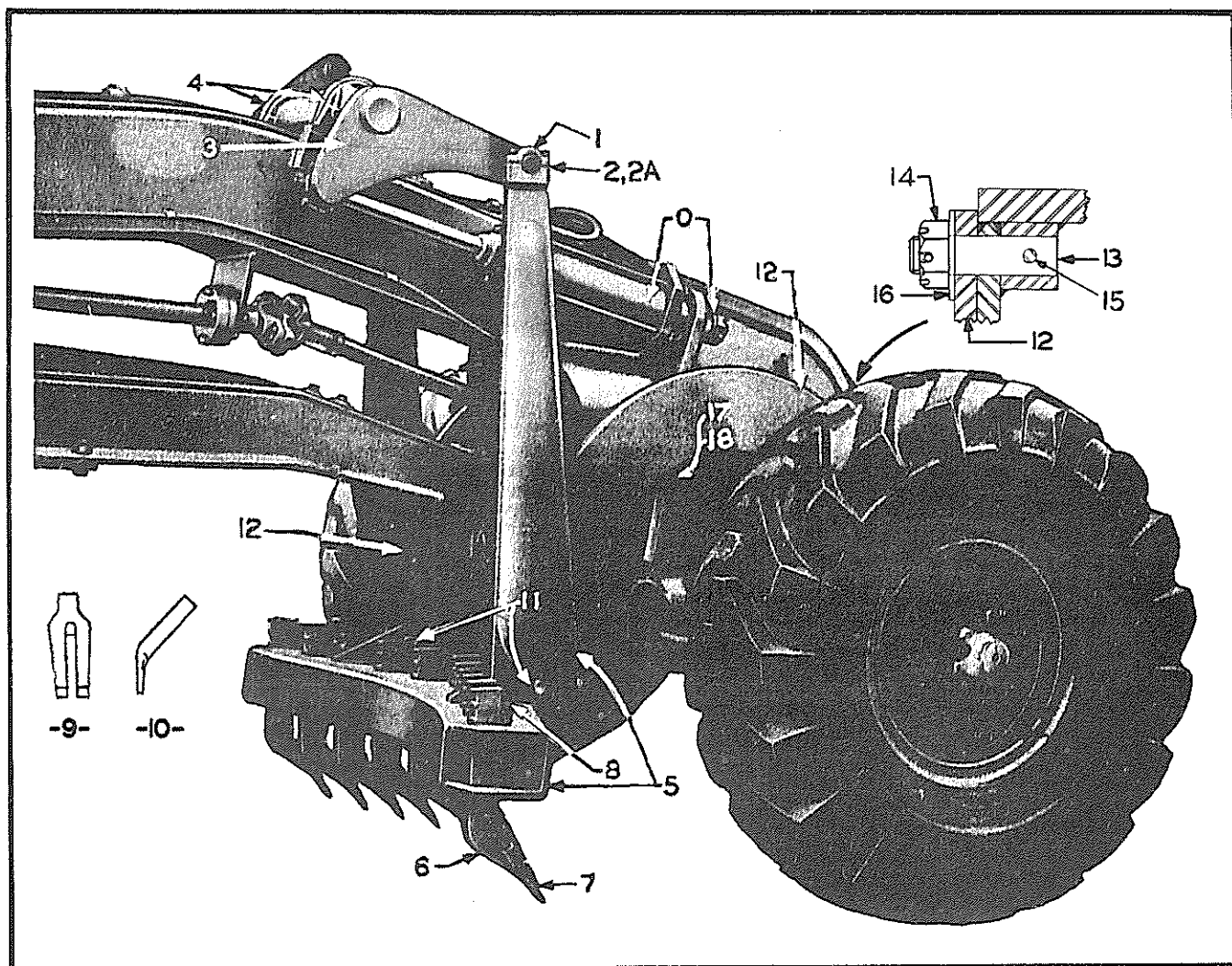


(For Part Numbers, see next page.)

HYDRAULIC PIPING DIAGRAM
ORBITROL STEER

HYDRAULIC PIPING DIAGRAM
ORBITROL STEERING
(For illustration, see preceding page)

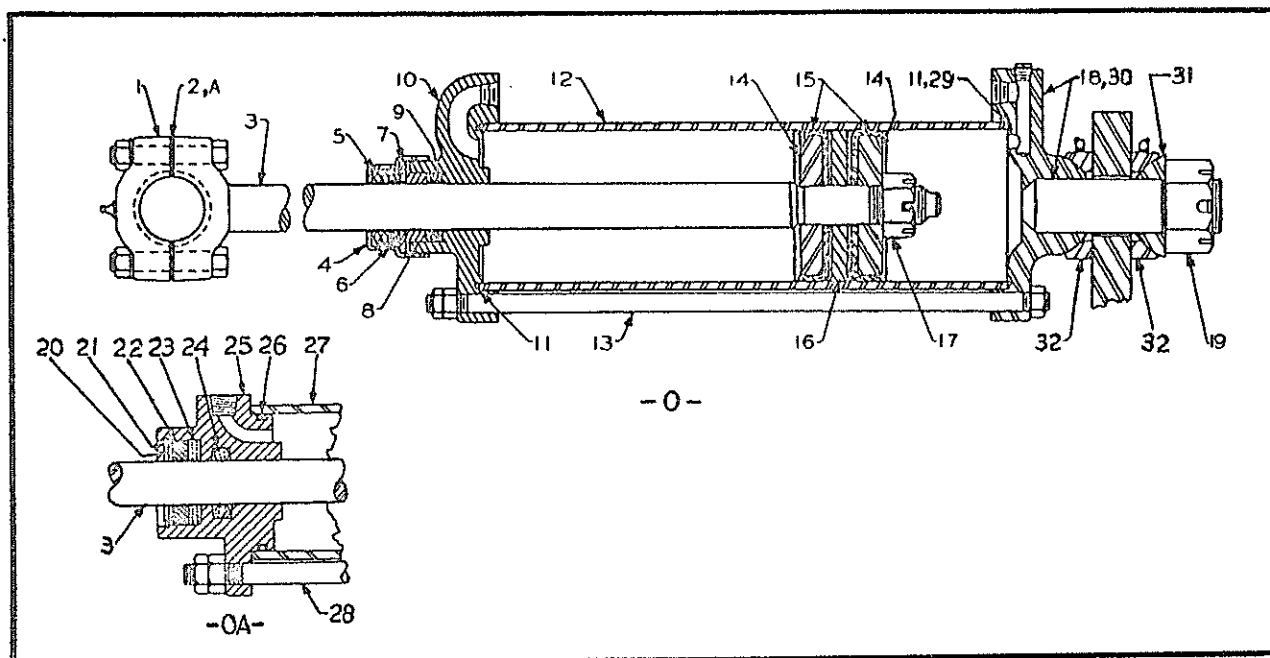
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-17642	1	ORBITROL STEERING UNIT
1A	PGF-17660	1	BRACKET
1B	TF-382	1	SPACER, valve bracket
2	PGF-17805	2	HOSE - orbitrol to ram (14" overall length)
3	PGF-10145-7	2	ELBOW, 90° - Female
4	PGF-17804	1	PIPE ASSEMBLY - front steer cylinder
5	PGF-17803	1	PIPE ASSEMBLY - front steer cylinder
6	530032	1	NIPPLE
7	PGF-17661	1	VALVE, check
8	PGF-17807	1	HOSE ASSEMBLY - steer unit to regulator (12" overall length)
9	PGF-12282-4	1	COUPLING, 90° - male anchor
10	HCF-10103	1	REGULATOR, flow
10A	PGF-18153	1	BRACKET, regulator
11	PGF-12287-3	1	ELBOW, 45° - male swivel
12	PGF-17806	1	HOSE, return line from Orbitrol (19" overall length)
13	HCF-1596-3	1	TEE, service
14	PGF-10104-4	1	ELBOW, 90°, street
15	PGF-10143-14	1	COUPLING, Ermeto - male connector
16	PGF-19065	1	PIPE ASSEMBLY - return line
17	PGF-10161-8	2	UNION, Ermeto coupling, elbow
18	PGF-19064	1	PIPE ASSEMBLY - pressure line
19	PGF-9812-8	1	UNION, Ermeto, coupling
20	PGF-10144-14	1	ELBOW, Ermeto, coupling, 90° male
21	PGF-1593-3	1	ELBOW, 45°, street
22	PGF-17666	1	STEERING WHEEL



SCARIFIER
(FOR PACER 400 - SUPER 400 - SUPER 500 GRADERS)

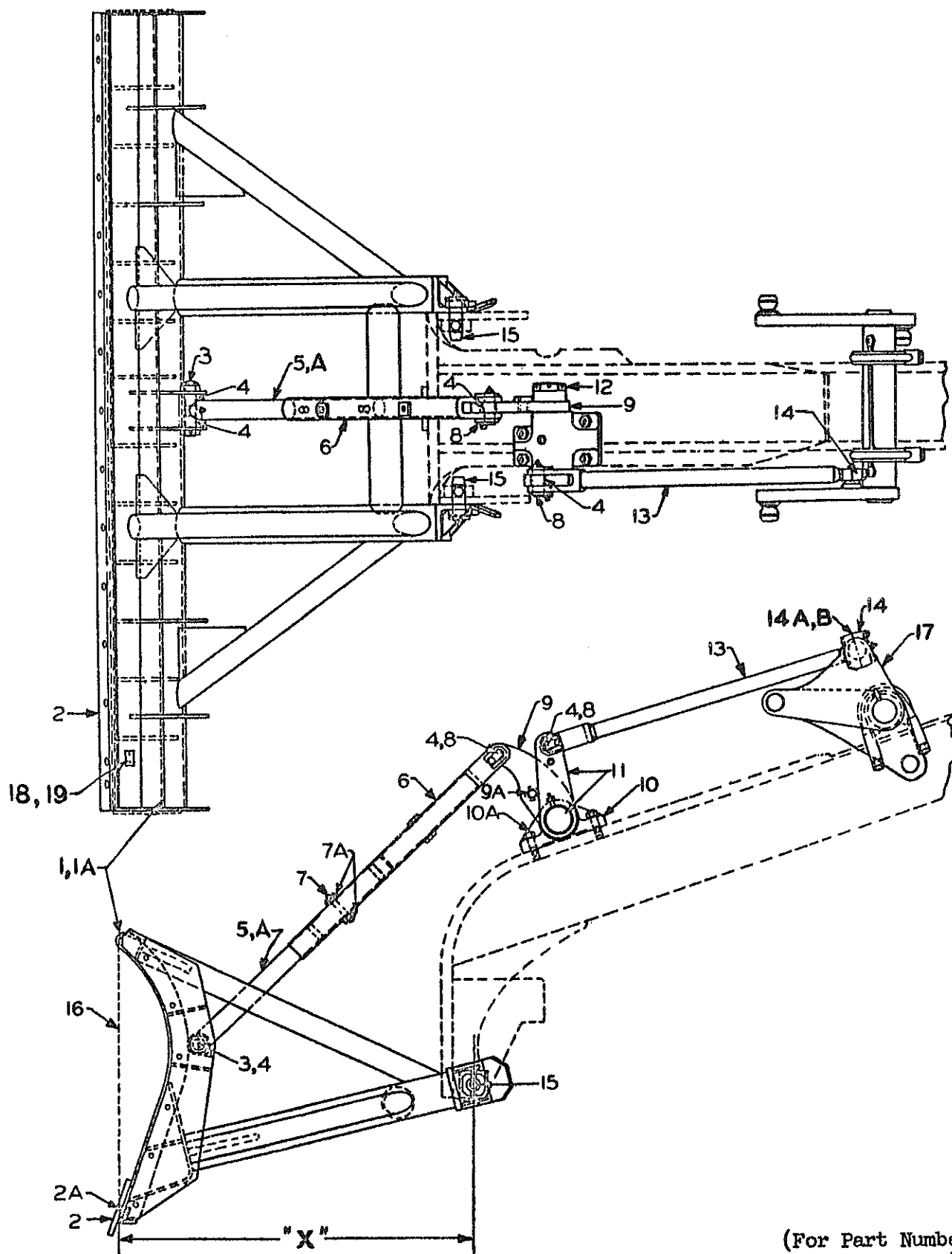
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0			SCARIFIER RAM GROUP (see separate page)
1	PGF-9487	2	CAP, ball
2	MGF-1992	4	SHIM, ball cap - .024" thick
2A	PGF-11856	8	SHIM, ball cap - .010" thick
3	PGF-14634	1	SHAFT, lift
4	PGF-8390	2	"U" BOLT
5	PGFA-9790	1	BLOCK
6	PGF-5375	11	SHANK, tooth
7	PGF-5376	11	POINT, tooth
8	PGF-16401	11	WEDGE, tooth
9	PGF-5698	1	REMOVER, tooth point
10	MGF-2454	1	REMOVER, tooth wedge
11	PGF-9049	2	PIN
12	PGF-17570	2	ARM
13	PGF-6640	2	PIN
14	PGF-6641	2	NUT, slotted
15	PGF-14786	2	PIN
16	MGF-1185	2	WASHER
17	PGF-13637	1	* LATCH - R.H., arm
18	PGF-13638	1	* LATCH - L.H., arm

Note: * Indicates parts used when machine is equipped with a bulldozer or snow plow in addition to scarifier.



SCARIFIER RAM
(Also used with Bulldozer)
(For Pacer 400 - Super 400 - Super 500)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
0	PGU-1960	1	RAM GROUP (1st type - head with cap and chevrons) - (includes Ref. Nos. 1 to 19 inclusive)
0A	PGU-2849	1	RAM GROUP (2nd type - head with "O" ring and no cap) - (includes Ref. Nos. 1, 2, 2A, 3 and 14 to 30 inclusive except Ref. 18)
1	PGF-9487	1	CAP, ball
2	MGF-1992	4	SHIM, ball cap (.024)
2A	PGF-11856	4	SHIM, ball cap (.010)
3	PGF-14465	1	ROD, piston
4	PGF-9243	1	CAP
5	PGF-9239	1	WIPER
6	PGF-9238	1	FELT
7	PGF-9237	1	RETAINER
8	PGF-9221	1	RING, pressure
9	PGF-9229	4	CHEVRON
10	PG-1981	1	HEAD
11	PGF-1688	2	GASKET
12	PGF-7857	1	CYLINDER
13	PGF-7858	4	ROD, tie
14	PGF-3255	2	SPREADER
15	PGF-11776	2	CUP
16	PG-A-862	1	PISTON
17	734013	1	NUT, slotted
18	PGF-10699	1	BASE WITH SHAFT
19	PGF-6641	1	NUT, slotted
20	SPF-1098	1	WASHER
21	SPF-1094	1	RING, snap
22	PGF-9225	1	WIPER
23	SPF-1122	1	FELT
24	PGF-9648-29	1	"O" RING
25	PG-A-2014	1	HEAD
26	PGF-9648-19	1	"O" RING
27	PGF-16914	1	CYLINDER
28	PGF-16913	4	ROD, tie
29	PGF-9648-76	1	"O" RING
30	PGF-16912	1	BASE WITH SHAFT
31	PG-1926	1	PLATE, ball
32	PG-1709	2	SOCKET

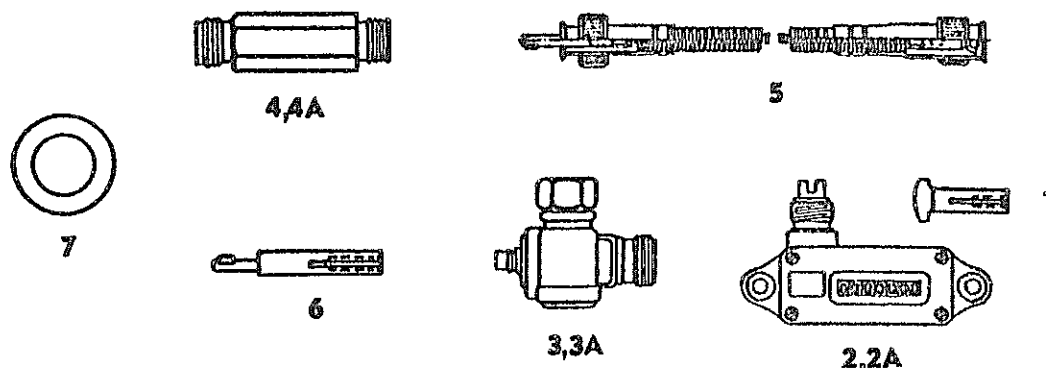


(For Part Numbers,
see next page)

BULLDOZER
(For Pacer 400 - Super 400 - Super 500)

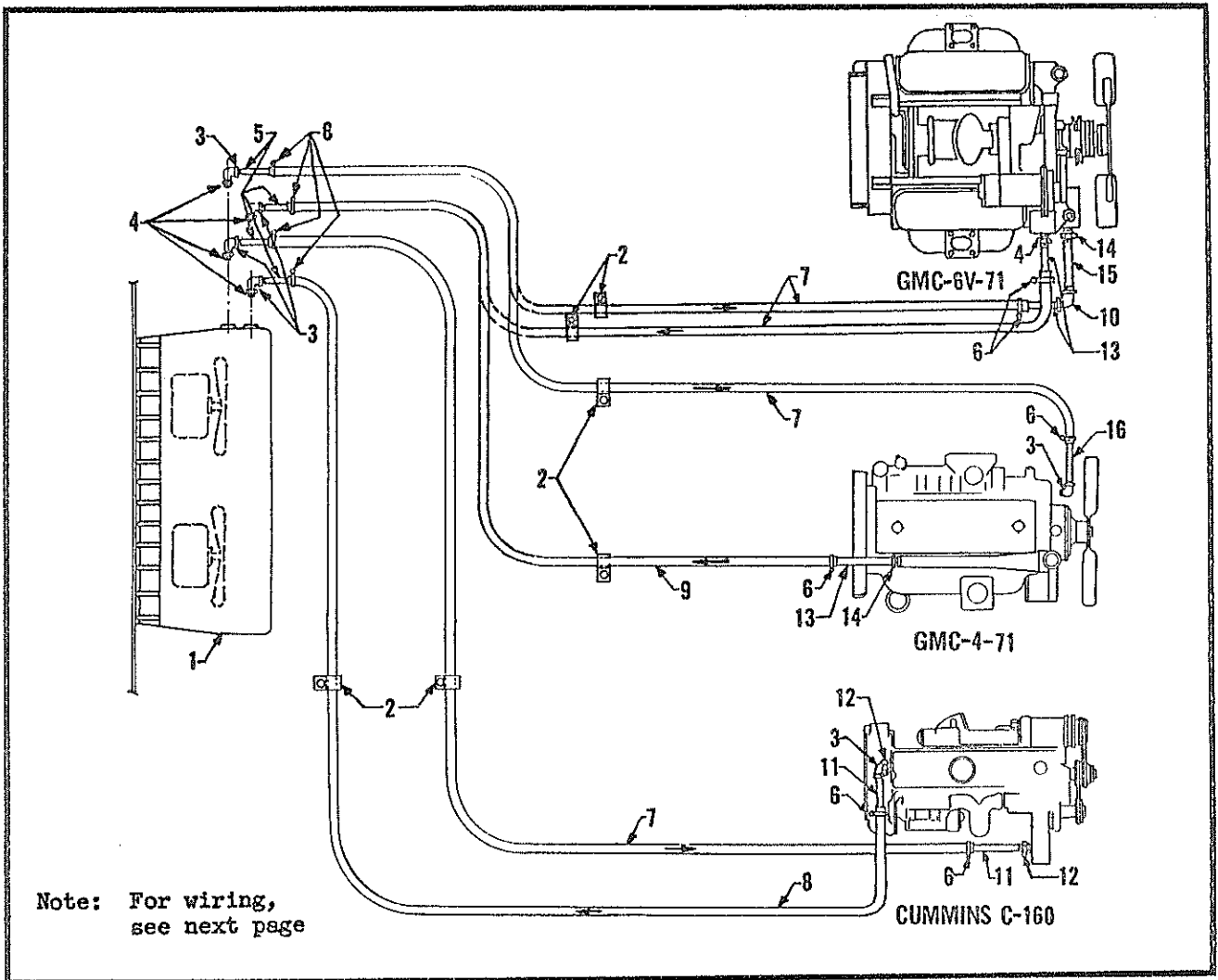
BULLDOZER
(For Pacer 400 - Super 400 - Super 500)
(For illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGU-1949-A	1	BLADE ASSEMBLY WITH BIT (includes Ref. Nos. 2 and 2A) - ("X"=47-7/8")
1A	PGU-2933	1	BLADE ASSEMBLY WITH BIT (includes Ref. Nos. 2 and 2A) - ("X"=54-5/8")
2	PGF-9556	1	BIT (5/8" x 8" x 9')
2A	RGF-6461	15	BOLT, bit
3	PGF-10726	1	PIN
4	SPF-1100	4	BUSHING
5	PGF-10733	1	ROD, lift (with 2 holes - used with Ref. 1)
5A	PGF-17358	1	ROD, lift (with 3 holes - used with Ref. 1A)
6	PGF-10721	1	TUBE, lift
7	SPF-1085	1	PIN
7A	762009	2	WASHER, plain
8	PGF-10731	2	PIN
9	PGF-10734	1	ARM
9A	SPF-1193	1	BUSHING
10	PG-1815	1	SUPPORT
10A	PGF-10730	4	STUD
11	PGF-11849	1	SHAFT, lift
12	PG-728	1	NUT, slotted, lift shaft
13	PGF-10720	1	ROD, connecting
14	PGF-9487	1	CAP, ball
14A	PGF-11856	4	SHIM, ball cap (.010)
14B	MGF-1992	4	SHIM, ball cap (.024)
15	PGF-10736	2	PIN, pivot
16	PGU-1690	1	BLADE LANDSIDE (special order)
17	PGF-14634	1	SHAFT, scarifier lift
18	PGF-17639	1	PLATE, name, serial number
19	751002	2	SCREW, serial number plate



ODOMETER
(For GMC-4-71, Cummins C-160, and GMC-6V-71 Engines)

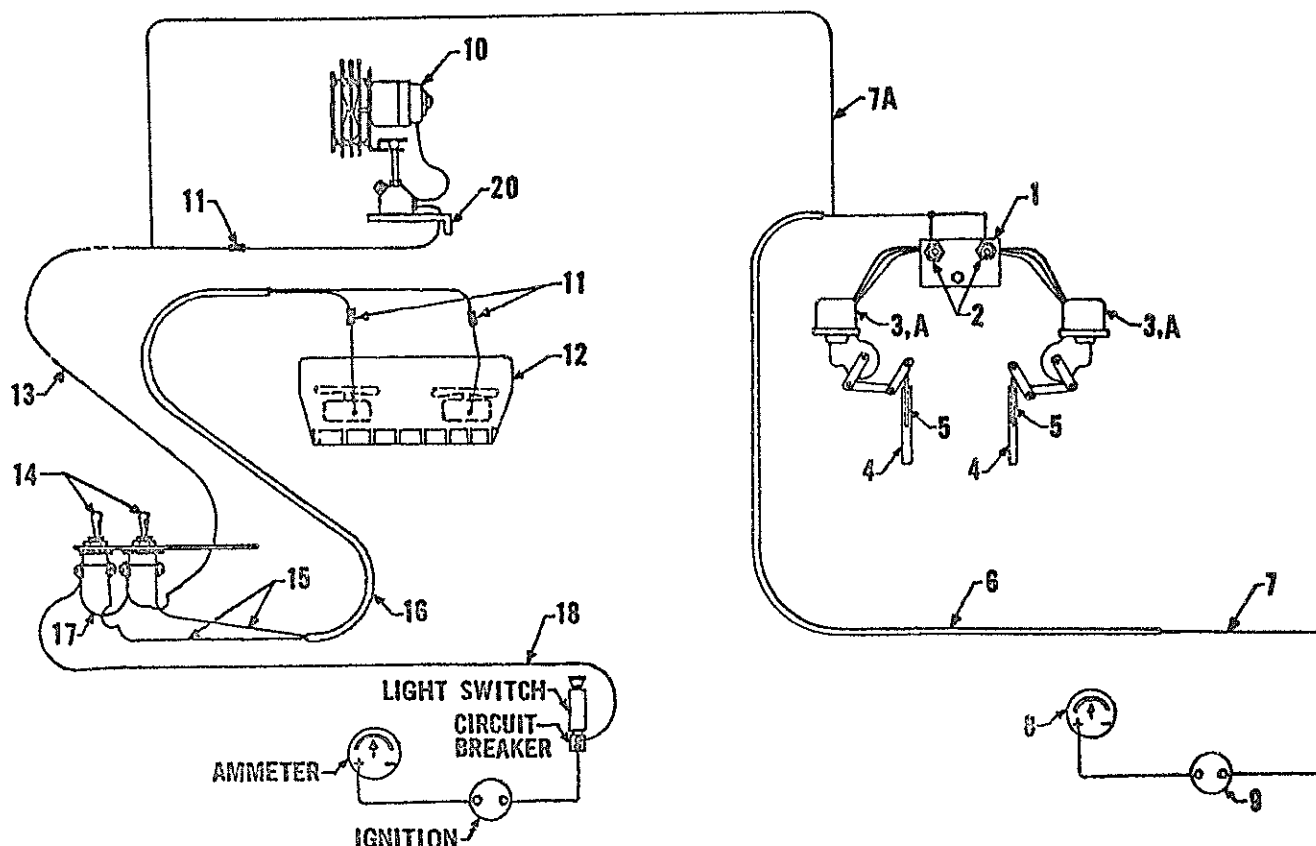
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-3850	1	TIP, drive
2	PGF-9361	1	ODOMETER - mile reading
2A	PGF-9831	1	ODOMETER - kilometer reading
3	PGF-9363	1	ADAPTER (.266 ratio - for 13.00 x 24 tires)
3A	PGF-11944	1	ADAPTER (.294 ratio - for 14.00 x 24 and 16.00 x 24 tires)
4	PGF-9889	1	SLEEVE, extension (not used on Model 447 and 467 graders)
4A	ASF-5281	1	SLEEVE, extension (used on Model 447 and 467 graders)
5	PGF-9364	1	SHAFT, flexible
6	PGF-9888	1	EXTENSION, shaft (not used on Model 447 and 467 graders)
7	NES-1652	1	WASHER
8	PGF-17117	1	PLATE, cab seal (not illustrated - used on Model 447 and 467 graders - replaces regular part)



HEATER PIPING
(For GMC-471, Cummins C-160, and GMC-6V-71 Engines)

REF. NO.	PART NO. (GMC-471)	PART NO. (Cummins C-160)	PART NO. (GMC-6V-71)	QTY.	DESCRIPTION
1	PGF-16060	PGF-16060	PGF-16060	1	HEATER
2	PGF-9960	PGF-9960	PGF-9960	2	CLAMP
3	563852	563852	563852	3	ELBOW (2 on 6V-71)
4	884008	884008	884008	2	BUSHING (3 on 6V-71)
5	556105	556105	556105	2	NIPPLE
6	034010	034010	034010	4	CLAMP
7	PGF-15078	PGF-15078	PGF-15078	1	HOSE (2 on 6V-71)
8		PGF-10131		1	HOSE
9	PGF-13963			1	HOSE
10			522053	1	ELBOW
11		556095		2	NIPPLE
12		534009		2	BUSHING
13	556101		556101	1	NIPPLE (2 on 6V-71)
14	884004		884004	1	BUSHING
15			555097	1	NIPPLE
16	556096			1	NIPPLE
17	HCF-3370	HCF-3370	HCF-3370	1	* HOSE, protector (for hoses)
18	HCF-4452-4	HCF-4452-4	HCF-4452-4	1	* CLAMP, hose (for Ref. 17)

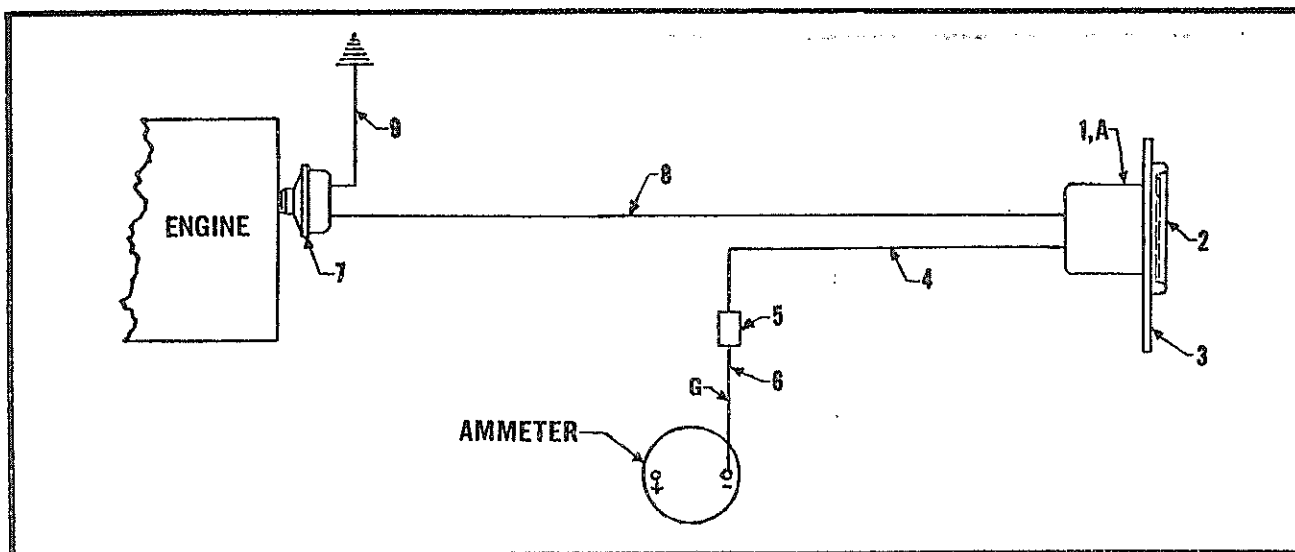
Note: * Parts not illustrated.



HEATER, DEFROSTER, AND WINDSHIELD WIPER WIRING
(For Pacer 400 - Super 400 - Super 500)

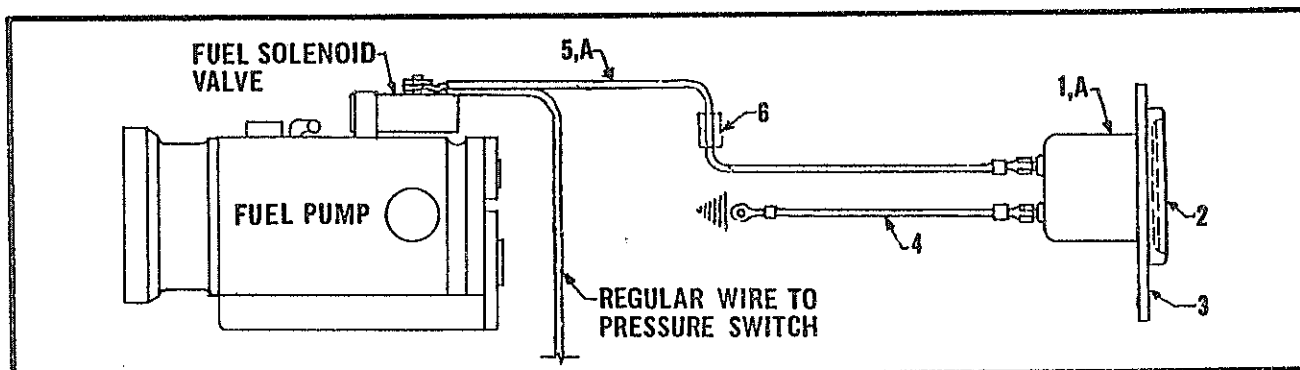
REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-16341	1	BRACKET, switch (not used with latest style cab)
2	PGF-16324	2	SWITCH (with circuit breaker)
3	PGF-16275	2	WINDSHIELD WIPER ASSEMBLY
3A	PGF-18151	2	WIPER
4	PGF-9797	2	BLADE, wiper
5	PGF-9799	2	ARM, wiper
6	PGF-11424	1	LOOM
7	PGF-16339	1	WIRE ASSEMBLY
7A	PGF-18164	1	WIRE (use with Ref. 3A)
8			AMMETER (see separate page)
9			IGNITION (see separate page)
10	PGF-16070	1	DEFROSTER FAN UNIT
11	HCF-6357	3	CONNECTOR, wire
12			HEATER UNIT (see separate page for piping)
13	PGF-14267	1	WIRE ASSEMBLY (use with Ref. 3 only)
14	PGF-11432	2	SWITCH
15	HCF-3892	2	WIRE ASSEMBLY
16	PGF-16529	1	LOOM
17	ASF-7050	1	WIRE ASSEMBLY
18	PGF-10135	1	WIRE ASSEMBLY
19	PGF-15960	2	* PLATE, mounting for wiper
20	PGF-16334	1	BRACKET, defroster

Note: * Parts not illustrated.



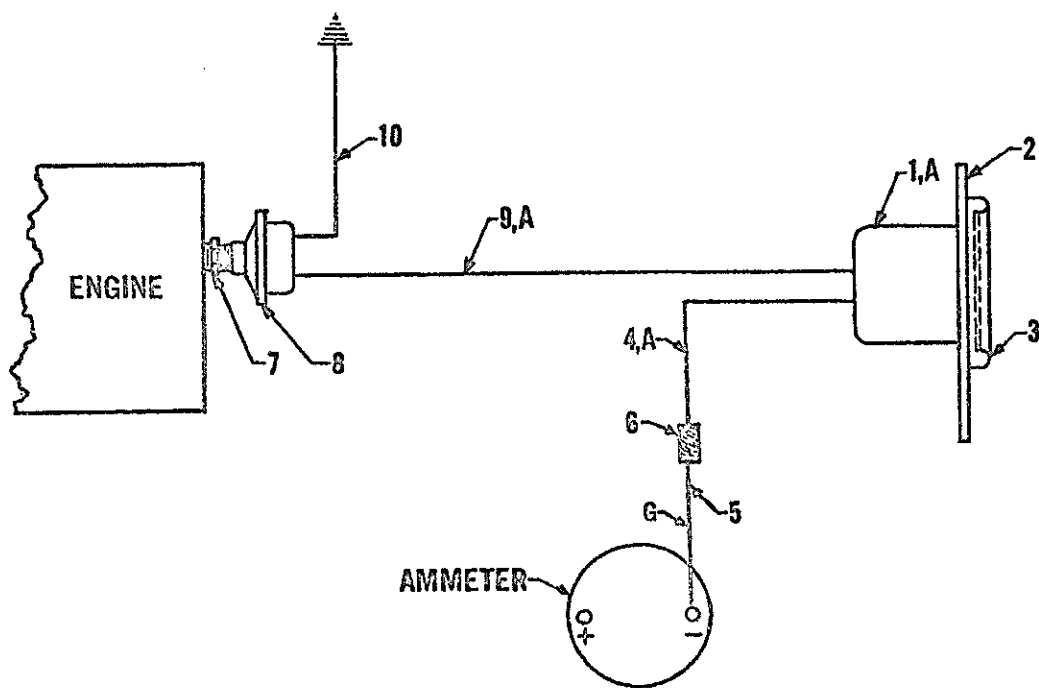
HOURLMETER FOR GMC-4-71 ENGINE

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-15139	1	HOURLMETER (1st type - with connecting wires) - (order Ref. Nos. 1A, 4 and 8)
1A	HCF-8456	1	HOURLMETER (2nd type - with wire terminals)
2	PGF-14641	1	DAMPENER, vibration
3			BRACKET, mounting, regulator and hourmeter (see electrical accessories page)
4	PGF-17576	1	WIRE, hourmeter to harness (for Ref. No. 1A)
5	HCF-6357	1	CONNECTOR, wire
6		1	WIRE (part of harness assembly)
7	PGF-11652	1	SWITCH, pressure
8	PGF-17577	1	WIRE, hourmeter to switch (for Ref. No. 1A)
9	PGF-13981	1	WIRE, switch to ground



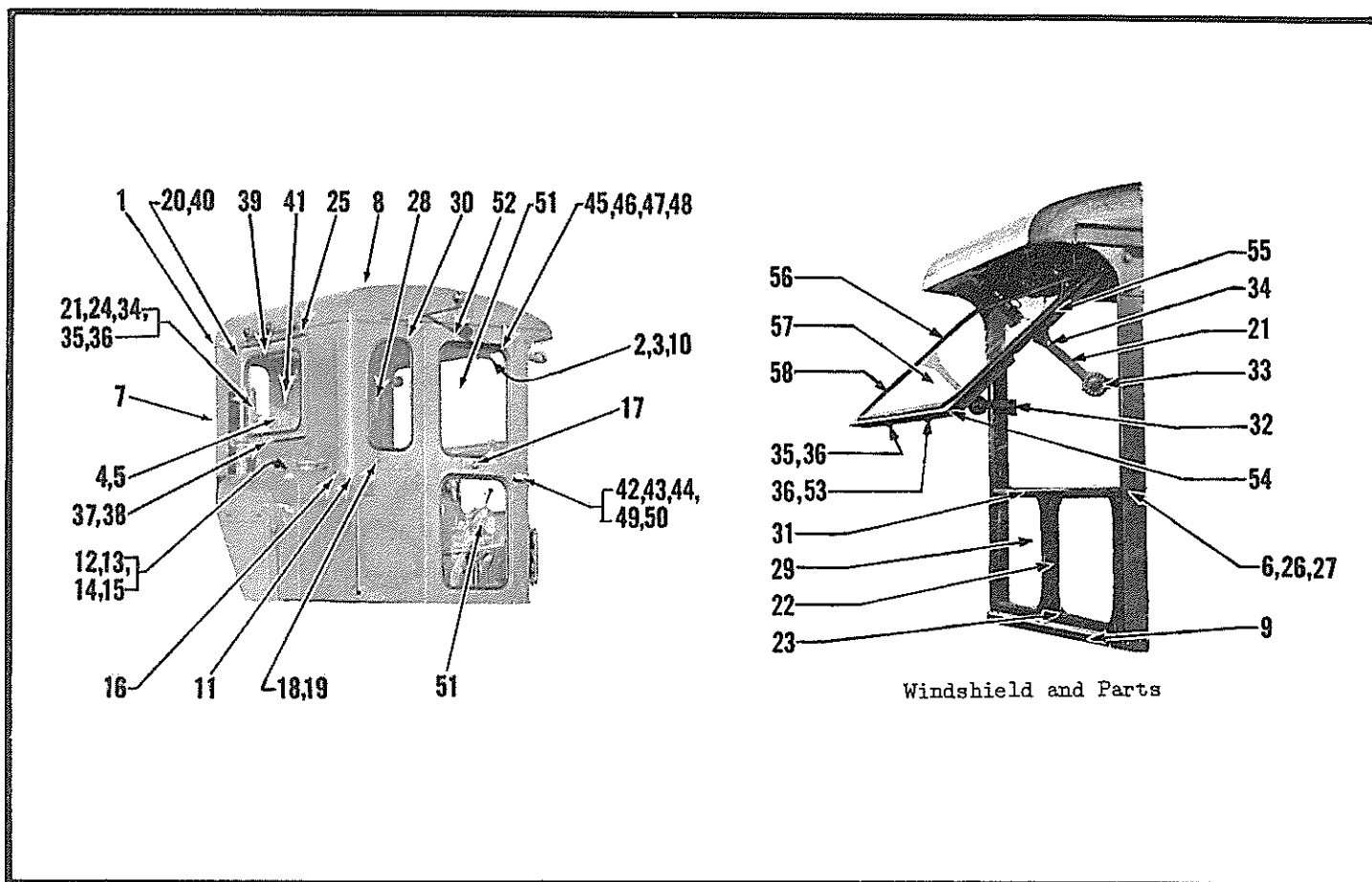
HOURLMETER FOR CUMMINS C-160 ENGINE

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-15139	1	HOURLMETER (1st type - with connecting wires) - (order Ref. Nos. 1A, 4 and 5A)
1A	HCF-8456	1	HOURLMETER (2nd type - with wire terminals)
2	PGF-14641	1	DAMPENER, vibration
3			BRACKET, mounting, regulator and hourmeter (see electrical accessories page)
4	PGF-17577	1	WIRE, hourmeter to ground (for Ref. No. 1A)
5	PGF-16403	1	WIRE, fuel solenoid valve to hourmeter (for Ref. No. 1)
5A	PGF-17577	1	WIRE, fuel solenoid valve to hourmeter (for Ref. No. 1A)
6	HCF-6357	1	CONNECTOR, wire (for Ref. No. 1)



HOURLMETER FOR GMC-6V-71 ENGINE

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	HCF-4637	1	HOURLMETER (1st type - with connecting wires) - (order Ref. Nos. 1A, 4A and 9A)
1A	HCF-8456	1	HOURLMETER (2nd type - with wire terminals)
2	PGF-17023	1	BRACKET, mounting
3	PGF-14641	1	DAMPENER, vibration
4	PGF-12652	1	WIRE, hourmeter to harness (for Ref. No. 1)
4A	PGF-17579	1	WIRE, hourmeter to harness (for Ref. No. 1A)
5		1	WIRE (part of harness assembly)
6	HCF-6357	—	CONNECTOR, wire (3 used with Ref. No. 1 - 1 used with Ref. No. 1A)
7	534001	1	BUSHING, reducer
8	PGF-11652	1	SWITCH, pressure
9	PGF-17067	1	WIRE, hourmeter to switch (for Ref. No. 1)
9A	PGF-17578	1	WIRE, hourmeter to switch (for Ref. No. 1A)
10	PGF-13981	1	WIRE, switch to ground



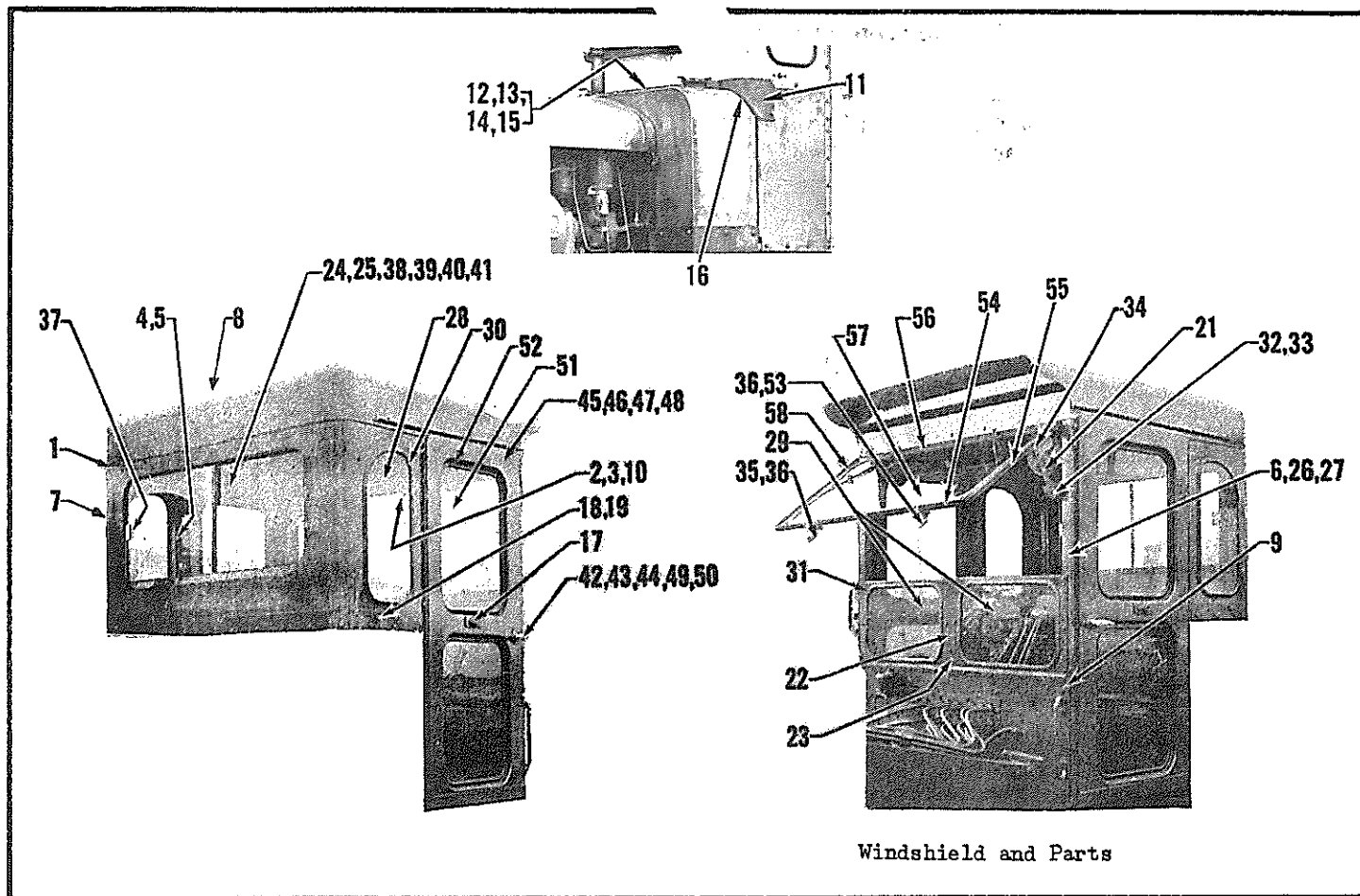
CAB - OPEN AND CLOSED TYPES
(For Pacer 400 - Super 400 - Super 500)

REF. NO.	PART NO.	QTY. (Open Cab)	QTY. (Closed Cab)	DESCRIPTION
1	PGF-9586-1	1	1	WELT, fender (100" long)
2	PGF-10369	1	1	BRACKET for mirror
3	PGF-10370	1	1	SPACER for mirror bracket
4	PGF-13746	1	1	ANGLE, side, R.H.
5	PGF-13747	1	1	ANGLE, side, L.H.
6	PGF-15377	1	1	FRONT POST ASSEMBLY
7	PGF-15410	1	1	WRAPPER, sheet, upper
8	PGF-15412	1	1	TOP, cab
9	PGF-13079	1	1	SPACER, front post
10	MSF-1775	1	1	MIRROR, rear view
11	PGF-16041	2	2	FILLER, cab and fuel tank
12	PGF-16164	1	1	STRIP, cab and fuel tank
13	PGF-16386	4	4	SPACER, pipe for upper cab tie
14	PGF-16389	1	1	ANGLE, upper cab
15	PGF-16531	1	1	ANGLE PLATE, cab seal
16	PGF-16381	1	1	WELT, fender (70-1/4" long)
17	PG-1831		2	NUT, door stop
18	PGF-8555		2	CRANK, door stop
19	PGF-8557		2	CLAMP, door stop
20	PGF-9586-5		1	WELT, fender (25" long)
21	PGF-13080		4	ARMS, window adjusting
22	PGF-13094		1	COVER PLATE, windshield

(continued)

(Continued from preceding page)

REF. NO.	PART NO.	QTY. (Open Cab)	QTY. (Closed Cab)	DESCRIPTION
23	PGF-14472		1	FRAME, windshield, lower
24	PGF-15346		2	SPACER, rear window
25	PGF-15352		1	TROUGH, rear window
26	PGF-15375		2	CATCH, door
27	PGF-15376		2	SHIMS, door
28	PGF-16864		2	GLASS, side of cab
29	PGF-16862		2	GLASS, windshield lower
30	PGF-15125-2		2	MOULDING, rubber (62-1/2" long)
31	PGF-15125-9		2	MOULDING, rubber (67-5/8" long)
32	PGF-13082		1	BRACKET, arm, R.H. (includes 1 PGF-13093 bushing)
33	PGF-13083		1	BRACKET, arm, L.H. (includes 1 PGF-13093 bushing)
34	PGF-13081		4	BRACKET, rear window and windshield
35	PGF-13254		2	HANDLE, rear window and windshield
36	PGF-13257		3	BOLT, rear window and windshield
37	PGFA-13304-2		2	WEATHER STRIP, rear window (19-3/16" long)
38	PGFA-13304-3		2	WEATHER STRIP, rear window (25-1/4" long)
39	PGF-15125-14		1	MOULDING (75-1/4" long)
40	PGF-15344		1	WINDOW, rear
41	PGF-16863		1	GLASS, rear window
42	PGF-9632		1	LOCK, door, R.H.
43	PGF-9633		1	LOCK, door, L.H.
44	PGF-11108		2	SHIM, door lock
45	PGU-8253		1	DOOR, R.H. (complete)
46	PGU-8254		1	DOOR, L.H. (complete)
47	PGFA-13689-2		2	WEATHER STRIP, door (56-5/8" long)
48	PGFA-13690-2		2	WEATHER STRIP, door (106" long)
49	HCF-7100		1	HANDLE, door, R.H.
50	HCF-7101		1	HANDLE, door, L.H.
51	PGF-16865		4	GLASS, door
52	PGF-15125-3		4	MOULDING, rubber (77" long)
53	PGF-13255		1	HANDLE, windshield, L.H.
54	PGFA-13304-1		1	WEATHER STRIP, windshield (52-3/4" long)
55	PGFA-13305-1		2	WEATHER STRIP, windshield (21-3/4" long)
56	PGF-15125-11		1	MOULDING RUBBER (138-1/2" long)
57	PGF-15272		1	GLASS, windshield, upper
58	PGF-16281		1	WINDSHIELD ASSEMBLY



CAB - OPEN AND CLOSED TYPES
(For Pacer 400 - Super 400 - Super 500)

REF. NO.	PART NO.	QTY. (Open Cab)	QTY. (Closed Cab)	DESCRIPTION
1	PGF-9586-1	1	1	WELT, fender (100" long)
2	PGF-10369	1	1	BRACKET for mirror
3	PGF-10370	1	1	SPACER for mirror bracket
4	PGF-13746	1	1	ANGLE, side, R.H.
5	PGF-13747	1	1	ANGLE, side, L.H.
6	PGF-15377	1	1	FRONT POST ASSEMBLY
7	PGF-17638	1	1	WRAPPER, sheet, upper
8	PGF-17636	1	1	TOP, cab
9	PGF-13079	1	1	SPACER, front post
10	MSF-1775	1	1	MIRROR, rear view
11	PGF-16041	2	2	FILLER, cab and fuel tank
12	PGF-16164	1	1	STRIP, cab and fuel tank
13	PGF-16386	4	4	SPACER, pipe for upper cab tie
14	PGF-16389	1	1	ANGLE, upper cab
15	PGF-16531	1	1	ANGLE PLATE, cab seal
16	PGF-16381	1	1	WELT, fender (70-1/4" long)
17	PG-1831		2	NUT, door stop
18	PGF-8555		2	CRANK, door stop
19	PGF-8557		2	CLAMP, door stop
21	PGF-13080		4	ARMS, window adjusting
22	PGF-13094		1	COVER PLATE, windshield

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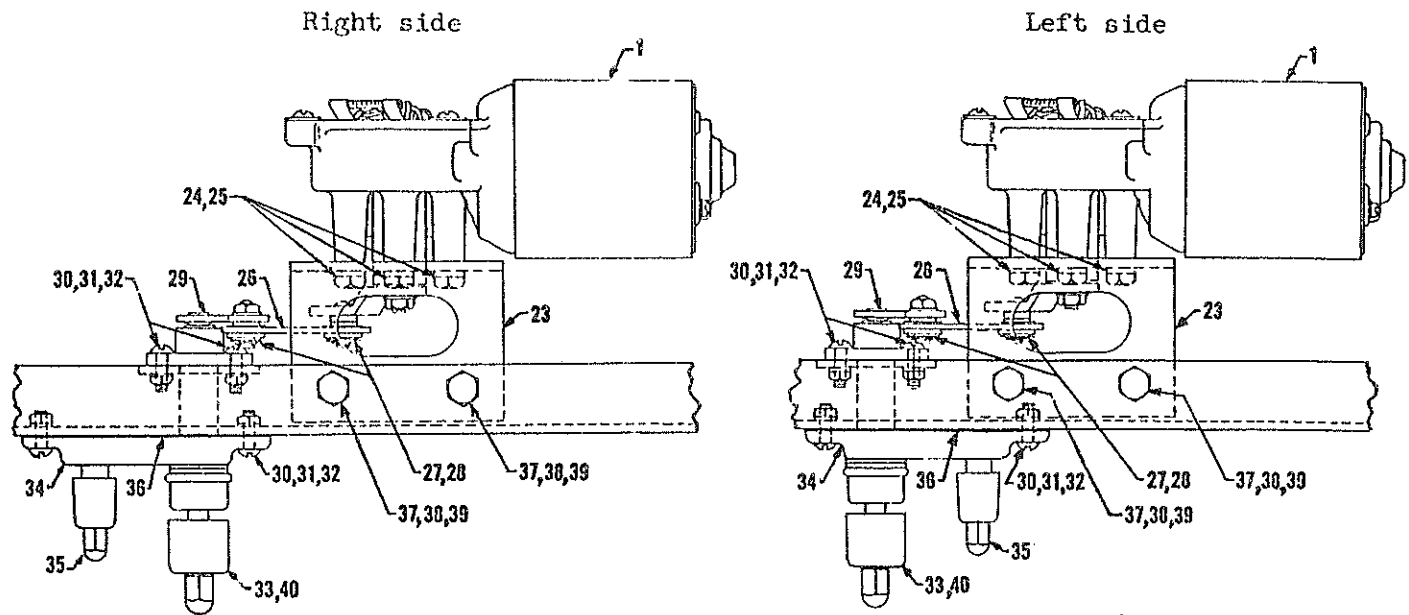
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REF. NO.	PART NO.	QTY. (Open Cab)	QTY. (Closed Cab)	DESCRIPTION
23	PGF-17820		1	FRAME, windshield, lower
24	HCF-3237-8		2	CHANNEL, rear glass
25	HCF-3237-9		2	CHANNEL, rear glass
26	PGF-15375		2	CATCH, door
27	PGF-15376		2	SHIMS, door
28	PGF-16864		2	GLASS, side of cab
29	PGF-16862		2	GLASS, windshield, lower
30	PGF-15125-2		2	MOULDING, rubber (62-1/2" long)
31	PGF-15125-9		2	MOULDING, rubber (67-5/8" long)
32	PGP-13082		1	BRACKET, arm, R.H. (includes 1 PGF-13093 bushing)
33	PGP-13083		1	BRACKET, arm, L.H. (includes 1 PGF-13093 bushing)
34	PGF-13081		2	BRACKET, windshield
35	PGF-13254		1	HANDLE, windshield, R.H.
36	PGF-13257		2	BOLT, windshield handle
37	HCF-7744		2	FINGER LIFT, rear glass
38	PGFA-13304-5		2	WEATHER STRIP, rear glass
39	HCF-7563		1	FELT, rear glass
40	PGF-17647		1	BRACKET, rear glass control
41	PGF-17646		2	GLASS, rear window
42	PGF-18300		1	LOCK, door, R.H.
43	PGF-18299		1	LOCK, door, L.H.
44	PGF-11108		2	SHIM, door lock
45	PGU-8253		1	DOOR, R.H. (complete)
46	PGU-8254		1	DOOR, L.H. (complete)
47	PGFA-13689-2		2	WEATHER STRIP, door (56-5/8" long)
48	PGFA-13690-2		2	WEATHER STRIP, door (106" long)
49	HCF-7100		1	HANDLE, door, R.H.
50	PGF-18298		1	HANDLE, door, L.H.
51	PGF-16865		4	GLASS, door
52	PGF-15125-3		4	MOULDING, rubber (77" long)
53	PGF-13255		1	HANDLE, windshield, L.H.
54	PGFA-13304-1		1	WEATHER STRIP, windshield (52-3/4" long)
55	PGFA-13305-1		2	WEATHER STRIP, windshield (21-3/4" long)
56	PGF-15125-11		1	MOULDING RUBBER (138-1/2" long)
57	PGF-15272		1	GLASS, windshield, upper
58	PGF-17884		1	WINDSHIELD ASSEMBLY

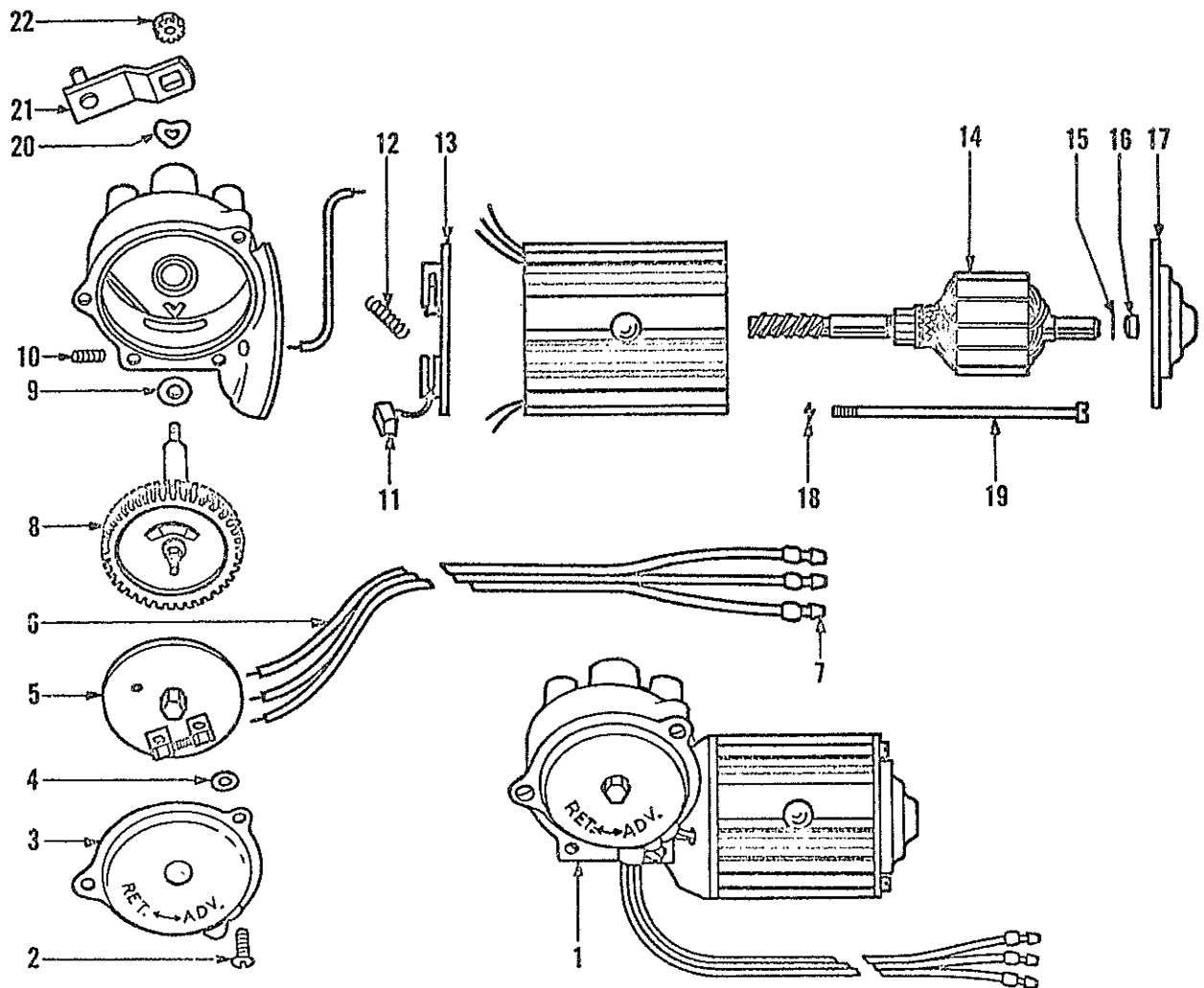
1
 2
 3,4,5 (opposite side of Ref. 6 for accelerator)
 6
 7
 8
 9
 10
 11
 12
 13
 Accelerator link location
 Accelerator spring location

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-15746	1	RATCHET (replaces regular part)
2	PGF-15354-1	1	ROD (replaces regular part)
3	PGF-17320	1	STOP, lever
4	755027	1	SETSCREW
5	733002	1	NUT, jam
6	PGF-12261	1	SWIVEL (replaces regular ball joint)
7	PGF-16422	1	ROD
8	782003	2	YOKE
9	783003	2	PIN, yoke
10	PGF-16424	1	PIN, lever
11	PGF-16425	1	BRACKET, lever
12	PGF-16426	1	LEVER, bell crank
13	PGF-16420	1	SUPPORT, bell crank (replaces regular part)

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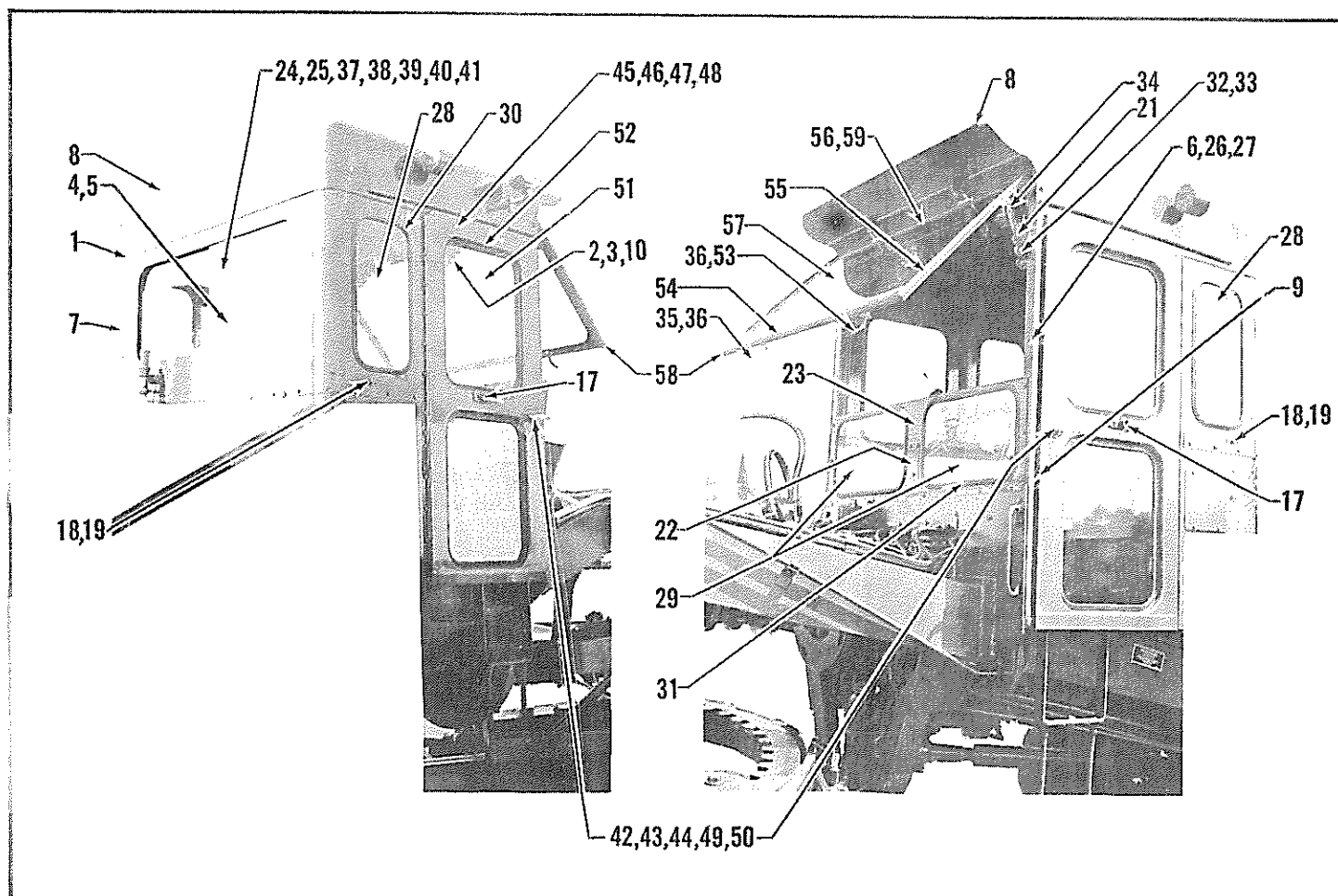


WINDSHIELD WIPERS



WINDSHIELD WIPER
(For Illustration, see preceding page)

REF. NO.	PART NO.	QUANTITY	DESCRIPTION
1	PGF-18675	2	MOTOR, windshield wiper (includes Ref. Nos. 2 thru 22 inclusive)
2	486047	3	SCREW
3	486048	1	COVER, wiper
4	486049	2	WASHER
5	486050	1	PARKING SWITCH ASSEMBLY
6	486051	1	CABLE ASSEMBLY
7	486052	3	TERMINAL
8	486053	1	GEAR AND SHAFT ASSEMBLY
9	486054	1	WASHER
10	486055	1	SCREW
11	486056	2	BRUSH, commutator
12	486057	2	SPRING, brush
13	486058	1	BRUSH HOLDER ASSEMBLY (includes Ref. Nos. 11 and 12)
14	486059	1	ARMATURE
15	486034	1	DISC, thrust (Nylon)
16	486060	1	DISC, thrust (Metal)
17	486061	1	CAP ASSEMBLY
18	486062	2	WASHER
19	486063	2	THRU BOLT
20	486026	1	WASHER
21	486064	1	ARM DRIVE
22	486065	1	NUT AND LOCKWASHER
23	PGF-17782	2	PLATE, mounting
24	742002	6	BOLT
25	778009	6	LOCKWASHER
26	PGF-18680	2	LINK, wiper
27	PGF-18679	4	CLIP, spring
28	PGF-18678	4	WASHER
29	PGF-18676	2	SHAFT AND PIVOT ASSEMBLY
30	720083	8	SCREW
31	778007	8	LOCKWASHER
32	862022	8	NUT
33	PGF-18662	2	ARM, wiper
34	PGF-18677	2	PIVOT, outer spacer and guide
35	PGF-18691	2	NUT
36	PGF-18690	2	GASKET, rubber
37	742160	4	BOLT
38	778010	4	LOCKWASHER
39	722002	4	NUT
40	PGF-18671	2	BLADE, wiper



CAB - OPEN AND CLOSED TYPES

R.L. NO.	PART NO.	QTY. (Open Cab)	QTY. (Closed Cab)	DESCRIPTION
1	PGF-9586-1	1	1	WELT, fender (100" long)
2	PGF-10369	1	1	BRACKET for mirror
3	PGF-10370	1	1	SPACER for mirror bracket
4	PGF-13746	1	1	ANGLE, side, R.H.
5	PGF-13747	1	1	ANGLE, side, L.H.
6	PGF-17755	1	1	FRONT POST ASSEMBLY
7	PGF-18762	1	1	WRAPPER, sheet, upper
8	PGF-18640	1	1	TOP, cab
9	PGF-13079	1	1	SPACER, front post
10	MSF-1775	1	1	MIRROR, rear view
17	PG-1831		2	NUT, door stop
18	PGF-8555		2	CRANK, door stop
19	PGF-8557		2	CLAMP, door stop
21	PGF-13080		4	ARMS, window adjusting
22	PGF-13094		1	COVER PLATE, windshield
23	PGF-17820		1	FRAME, windshield, lower
24	PGF-18759-3		2	CHANNEL, rear glass - side
25	PGF-18759-4		2	CHANNEL, rear glass - top and bottom
26	PGF-15375		2	CATCH, door
27	PGF-15376		2	SHIMS, door
28	PGF-17756		2	GLASS, side of cab
29	PGF-16862		2	GLASS, windshield, lower

(continued)

(Continued from preceding page)

REF. NO.	PART NO.	QTY. (Open Cab)	QTY. (Closed Cab)	DESCRIPTION
30	PGF-15125-26		2	MOULDING, rubber (64-1/2" long)
31	PGF-15125-9		2	MOULDING, rubber (67-5/8" long)
32	PGP-13082		1	BRACKET, arm, R.H. (includes 1 PGF-13093 bushing)
33	PGP-13083		1	BRACKET, arm, L.H. (includes 1 PGF-13093 bushing)
34	PGF-13081		2	BRACKET, windshield
35	PGF-13254		1	HANDLE, windshield, R.H.
36	PGF-13257		2	BOLT, windshield handle
37	PGF-18759-5		1	CLAMPING STRIP - R.R. Window
38	PGF-18759-11		1	CHANNEL - top glass run
39	PGF-18759-12		2	CLAMPING PLATE
40	PGF-18759-1		1	GLASS, R.R. Window L.H.
41	PGF-18759-2		1	GLASS, rear window - R.H. W/channel
42	PGF-18300		1	LOCK, door, R.H.
43	PGF-18299		1	LOCK, door, L.H.
44	PGF-11108		2	SHIM, door lock
45	PGU-8253		1	DOOR, R.H. (complete)
46	PGU-8254		1	DOOR, L.H. (complete)
47	PGFA-13689-2		2	WEATHER STRIP, door (56-5/8" long)
48	PGFA-13690-2		2	WEATHER STRIP, door (106" long)
49	HCF-7100		1	HANDLE, door, R.H.
50	PGF-18298		1	HANDLE, door, L.H.
51	PGF-16865		4	GLASS, door
52	PGF-15125-3		4	MOULDING, rubber (77" long)
53	PGF-13255		1	HANDLE, windshield, L.H.
54	PGFA-13305-11		1	WEATHER STRIP, windshield (52-3/4" long)
55	PGFA-13305-10		2	WEATHER STRIP, windshield (28-1/4" long)
56	ASF-5884-14		2	MOULDING RUBBER (75-1/8" long)
57	PGF-17881		1	GLASS, windshield, upper
58	PGF-17753		1	WINDSHIELD ASSEMBLY
59	ASF-5883-14		1	FILLER STRIP (for Ref. 56)

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PART NUMBER				PAGE NUMBER				PART NUMBER				PAGE NUMBER				PART NUMBER				PAGE NUMBER			
A JF	2757	M	7	10	HCF	1341	D	3	40	HCF	7563	S	15	21	HCF	7630	S	15	21				
A JF	3100	A	1	20	HCF	1341	M	7	10	HCF	7630-10	L	1	50	HCF	7744	S	15	21				
A JF	3100	A	2	20	HCF	1350	K	2	20	HCF	8456	S	13	10	HCF	8456	S	13	10				
					HCF	1568	K	3	20	HCF	8456	S	14	10	HCF	9250	M	2	20				
AS	1010	L	5	10	HCF	1568-6	L	1	50	HCF	9250	M	5	20	HCF	9250	M	6	20				
AS	1010	L	6	10	HCF	1568-8	L	1	50	HCF	9251	M	2	20	HCF	9251	M	5	20				
AS	1010	K	3	20	HCF	1596	L	1	50	HCF	9251	M	8	20	HCF	9252	M	2	20				
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ASF	3678	K	5	20	HCF	1923	P	1	20						MGF	1992	S	4	10				
ASF	5057	C	1	20	HCF	1923	G	2	20						MGF	1992	S	7	10				
ASF	5105	L	5	10	HCF	1968	P	3	20						MGF	1992	K	1	20				
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ASF	5105	K	3	20	HCF	1969	P	3	20						MGF	1992	K	8	20				
ASF	5109	L	6	10	HCF	1969	P	1	20						MGF	1992	J	5	20				
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ASF	5112	M	7	10	HCF	2464	M	1	10														
ASF	5281	S	10	10	HCF	2464	M	7	10	MS	380	M	2	20	MSF	853	C	2	20				
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ASF	5727	D	3	20	HCF	3237-9	S	15	21														
ASF	5727	F	1	20	HCF	3330	E	4	20														
ASF	5766	L	1	40	HCF	3370	M	2	20														
ASF	5791	M	2	20	HCF	3370	S	11	10														
ASF	5791	M	8	20	HCF	3370	M	5	20														
ASF	6008	C	3	10	HCF	3370	M	8	20														
ASF	6009	C	3	10	HCF	3370	M	8	20														
ASF	6978	P	4	30	HCF	3606	M	4	10														
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ASF	7050	S	12	10	HCF	3892	S	12	10														
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					HCF	4452-6	M	4	20														
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BRF	1894	E	1	50	HCF	4452-8	M	7	20														
BRF	1894	E	3	50	HCF	4637	S	14	10														
BRF	2293	L	1	40	HCF	4825	L	8	10														
BRF	2299	L	1	40	HCF	4889	M	7	10														
BRF	2299	L	2	10	HCF	5293	M	4	20														
					HCF	5980	L	5	10														
					HCF	5980	L	6	10														
					HCF	5980	K	3	20														
BTF	517	A	1	20	HCF	6050	K	5	12														
BTF	517	A	2	20	HCF	6059	L	1	50														
BTF	872	G	2	10	HCF	6145	M	2	20														
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HC	47	L	2	10	HCF	6145	M	8	20														
					HCF	6357	M	2	20														
HCF	334	L	2	10	HCF	6357	S	12	10														
HCF	368	L	2	10	HCF	6357	S	13	10														
HCF	373	L	5	10	HCF	6357	S	13	10														
HCF	373	L	6	10	HCF	6357	S	14	10														
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