



SECTION B
DRIVE SYSTEM

MACHINE

SECTION

MODEL 361 SWINGLOADER

DRIVE SYSTEM

DESCRIPTION

ENGINE - TORQUE CONVERTER INSTALLATION

TORQUE CONVERTER ASSEMBLY

PRESSURE REGULATING VALVE GROUP
CONVERTER HOUSING AND OIL BAFFLE GROUP
13.5" WHEEL GROUP
RING GEAR MOUNTING GROUP
STATOR SUPPORT GROUP
TURBINE SHAFT AND OUTPUT SHAFT GROUP
CHARGING PUMP GROUP
PUMP DRIVE GROUP
PUMP ADAPTER GROUP

TRANSMISSION INSTALLATION

TRANSMISSION ASSEMBLY

3 SPEED REMOTE CASE GROUP
TRANSMISSION CASE AND REAR GROUP
REVERSE AND HIGH SHAFT GROUP
FORWARD AND SECOND SHAFT GROUP
LOW SPEED SHAFT GROUP
IDLER SHAFT GROUP
OUTPUT SHAFT GROUP
HIGH AND LOW RANGE SHIFT CONTROL GROUP
SOLENOID CONTROL VALVE ASSEMBLY
DRIVE FLANGE

TRANSMISSION OIL FILLER INSTALLATION

SWINGMASTER CORPORATION

11415 MELROSE AVENUE

FRANKLIN PARK, ILLINOIS 60131

TELEPHONE: (847) 451-1224

SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION .

MODEL 361 SWINGLOADER

DRIVE SYSTEM

DESCRIPTION

TRANSMISSION & TORQUE CONVERTER LINES AND FITTINGS
TRANSMISSION OIL FILTER ASSEMBLY

AXLE INSTALLATION

AXLE ASSEMBLY

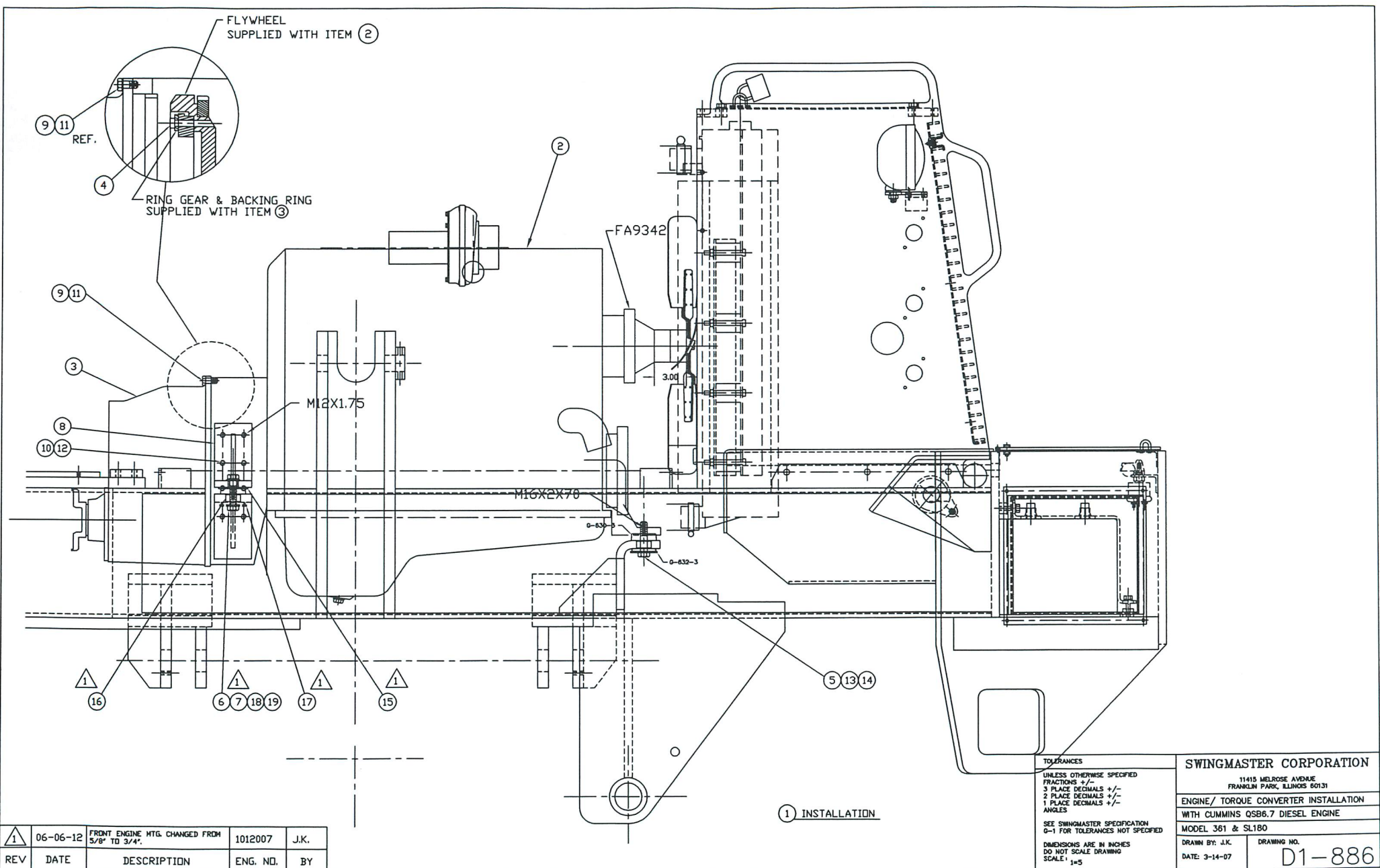
STEERING TIE ROD ASSEMBLY
PLANETARY END ASSEMBLY
BALL SOCKET HOUSING ASSEMBLY
DRUM BRAKE ASSEMBLY
RZEPPA UNIVERSAL JOINT
DIFFERENTIAL CARRIER

DRIVE SHAFT INSTALLATION

DRIVE SHAFT - TRANSMISSION TO AXLE
DRIVE SHAFT - TORQUE CONVERTER TO TRANSMISSION

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MACHINE

SECTION

2

MODEL 361 SWINGLOADER

DRIVE SYSTEM

ASSEMBLY		DESCRIPTION	QTY USED
NUMBER			
1806704		ENGINE AND TORQUE CONVERTER INST'L	
ITEM NO.	PART NUMBER	DESCRIPTION	
2	1806706	CUMMINS QSB6.7 DIESEL ENGINE	1
3	1802040	TORQUE CONVERTER MODEL C-273.5	1
4	1806155	H.H.C.S.	32
5	1805552	H.H.C.S. M-16X2.00X70MM	1
6	1806357	H.H.C.S. 3/4-16 x 4" LONG	2
7	1800534	ESNA HEX NUT 3/4-16	2
8	1806685	REAR ENGINE MTG. BRACKET	2
9	1802043	M-10 LOCK WASHER	12
10	1803484	M-12 LOCK WASHER	8
11	1803486	H.H.C.S. M*10-1.50 X 30MM LONG	12
12	1803704	H.H.C.S. M*12-1.75 X 60MM LONG	8
13	1803488	CENTER BONDED MOUNT - FOR 5/8" BOLT	1
14	1803489	TAIL WASHER - 2 1/2" OD X 5/8" ID	1
15	1806980	HEAD WASHER 3.25"O.D. X 0.75"I.D.	2
16	1805555	CENTER BONDED MOUNTS	2
17	1805556	TAIL WASHER - 3"O.D.X13/16"I.D.	2
18	1800557	3/4" FLAT WASHER	2
19	1800572	3/4" LOCK WASHER	2

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PARTS BOOK

MACHINE

SECTION

MODEL 361 SWINGLOADER

DRIVE SYSTEM

TORQUE CONVERTER ASSEMBLY

DESCRIPTION

PRESSURE REGULATING VALVE GROUP
CONVERTER HOUSING AND OIL BAFFLE GROUP
13.5" WHEEL GROUP
RING GEAR MOUNTING GROUP
STATOR SUPPORT GROUP
TURBINE SHAFT AND OUTPUT SHAFT GROUP
CHARGING PUMP GROUP
PUMP DRIVE GROUP
PUMP ADAPTER GROUP

PART

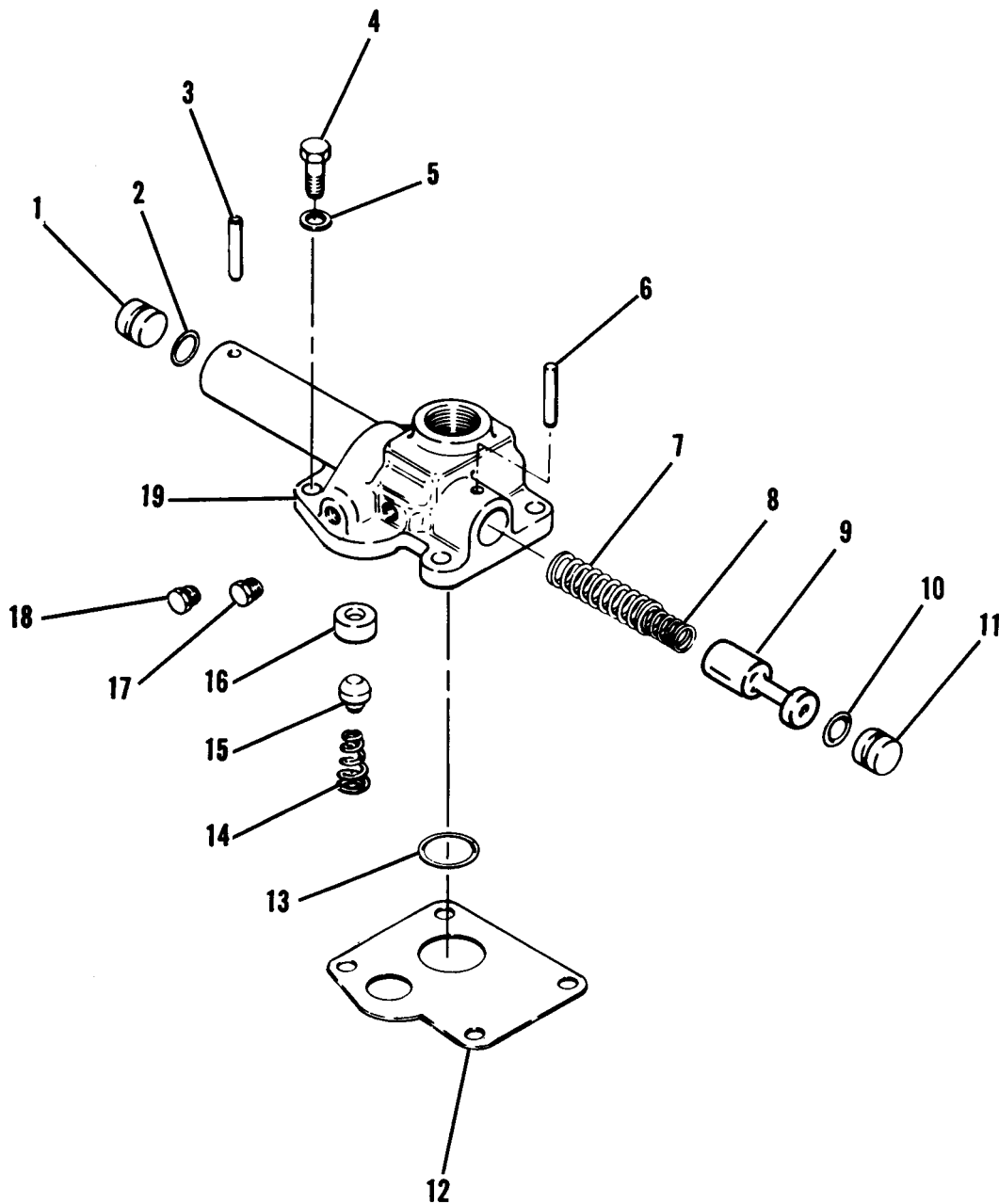
NUMBER DESCRIPTION

8702143 TORQUE CONVERTER GASKET & SEALING KIT

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PRESSURE REGULATING VALVE



SWINGMASTER CORPORATION

PARTS BOOK

MACHINE	SECTION	2
MODEL 361 SWINGLOADER	DRIVE SYSTEM	

ASSEMBLY

NUMBER

DESCRIPTION

1802040

TORQUE CONVERTER ASSEMBLY
- PRESSURE REGULATING VALVE GROUP

ITEM PART			QTY.
NO.	NUMBER	DESCRIPTION	USED
1	8700036	VALVE STOP	1
2	8700135	VALVE STOP O-RING	1
3	8700037	VALVE STOP ROLL PIN	1
4	8700057	CAP SCREW & LOCK WASHER	4
5		SEE ITEM 4	
6	8700037	VALVE STOP ROLL PIN	1
7	8702109	VALVE SPRING - OUTER	1
8	8702110	VALVE SPRING - INNER	1
9	8700043	VALVE PISTON	1
10	8700037	VALVE STOP O-RING	1
11	8700036	VALVE STOP	1
12	8700029	GASKET	1
13	8700030	O-RING	1
14	8700031	VALVE SPRING	1
15	8700032	VALVE PLUNGER	1
16	8700033	VALVE SEAT	1
17	8700034	PIPE PLUG	1
18	8700034	PIPE PLUG	1
19	8702111	REGULATOR VALVE ASSEMBLY	1

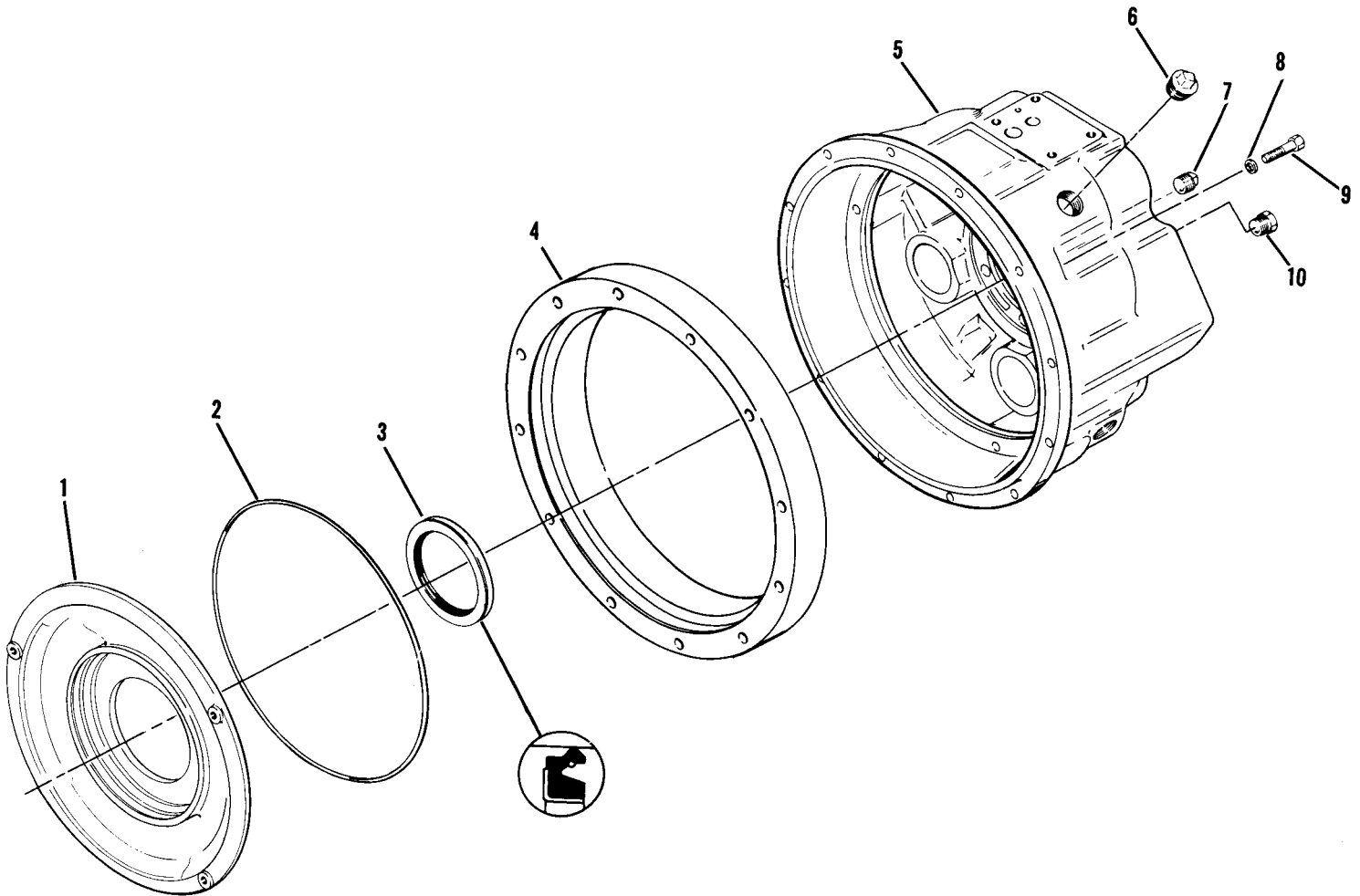
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CONVERTER HOUSING & OIL BAFFLE GROUP



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PARTS BOOK

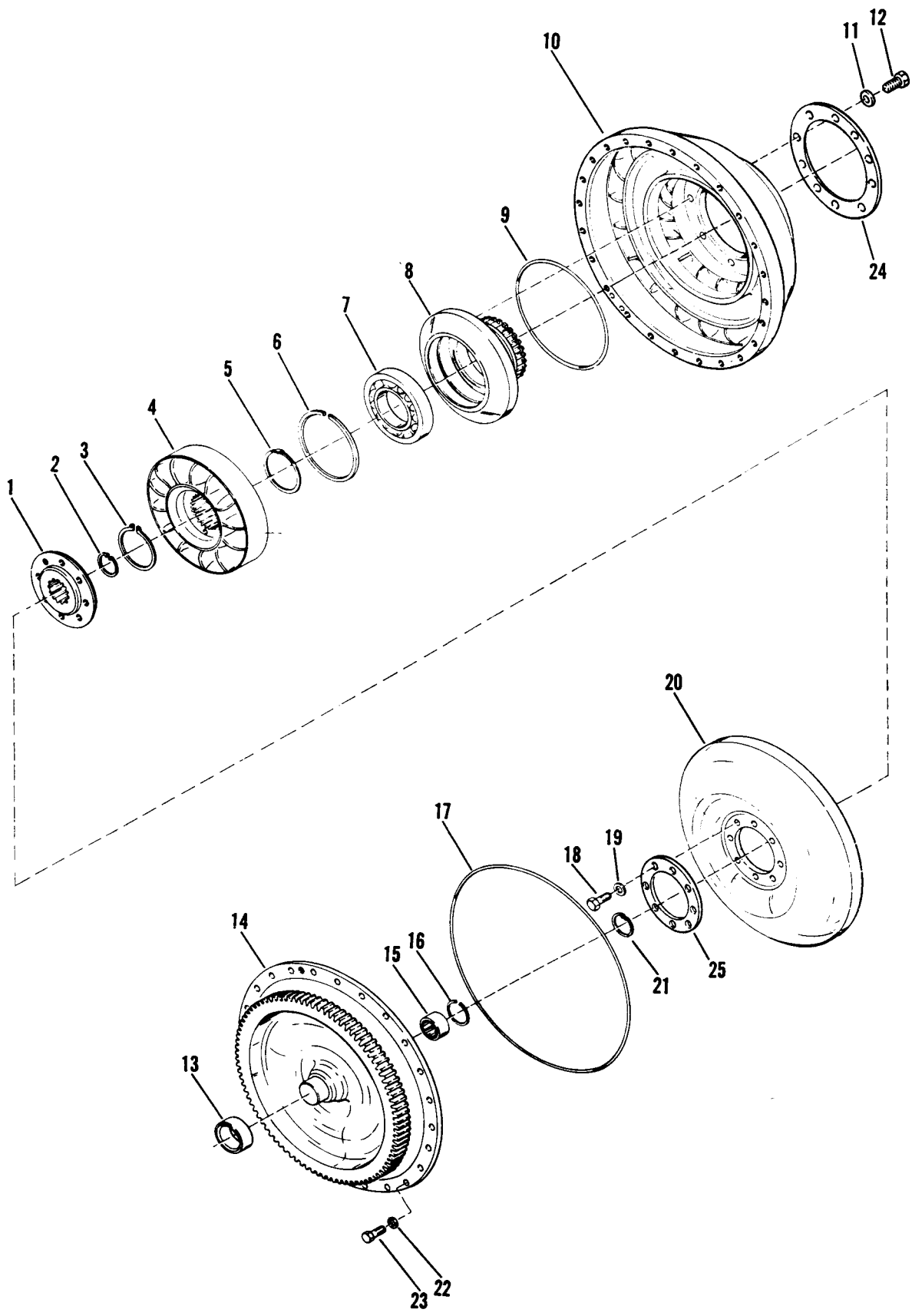
MACHINE	SECTION	2
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MODEL 361 SWINGLOADER	DRIVE SYSTEM	
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ASSEMBLY NUMBER	DESCRIPTION
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1802040	TORQUE CONVERTER ASSEMBLY
	- CONVERTER HOUSING & OIL BAFFLE GROUP
-----	-----

ITEM PART NO. NUMBER DESCRIPTION	QTY. USED
-----	-----
1 8702112 OIL BAFFLE - INCLUDES ITEM 3	1
2 8700081 O-RING	1
3 8702113 OIL BAFFLE OIL SEAL	1
4 NOT USED ON THIS MODEL	
5 8700080 CONVERTER HOUSING	1
6 8700058 PIPE PLUG	4
7 8700059 PIPE PLUG	1
8 8700060 LOCK WASHER	3
9 8700061 CAP SCREW	3
10 8700034 PIPE PLUG	1
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MACHINE	SECTION
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MODEL 361 SWINGLOADER	DRIVE SYSTEM
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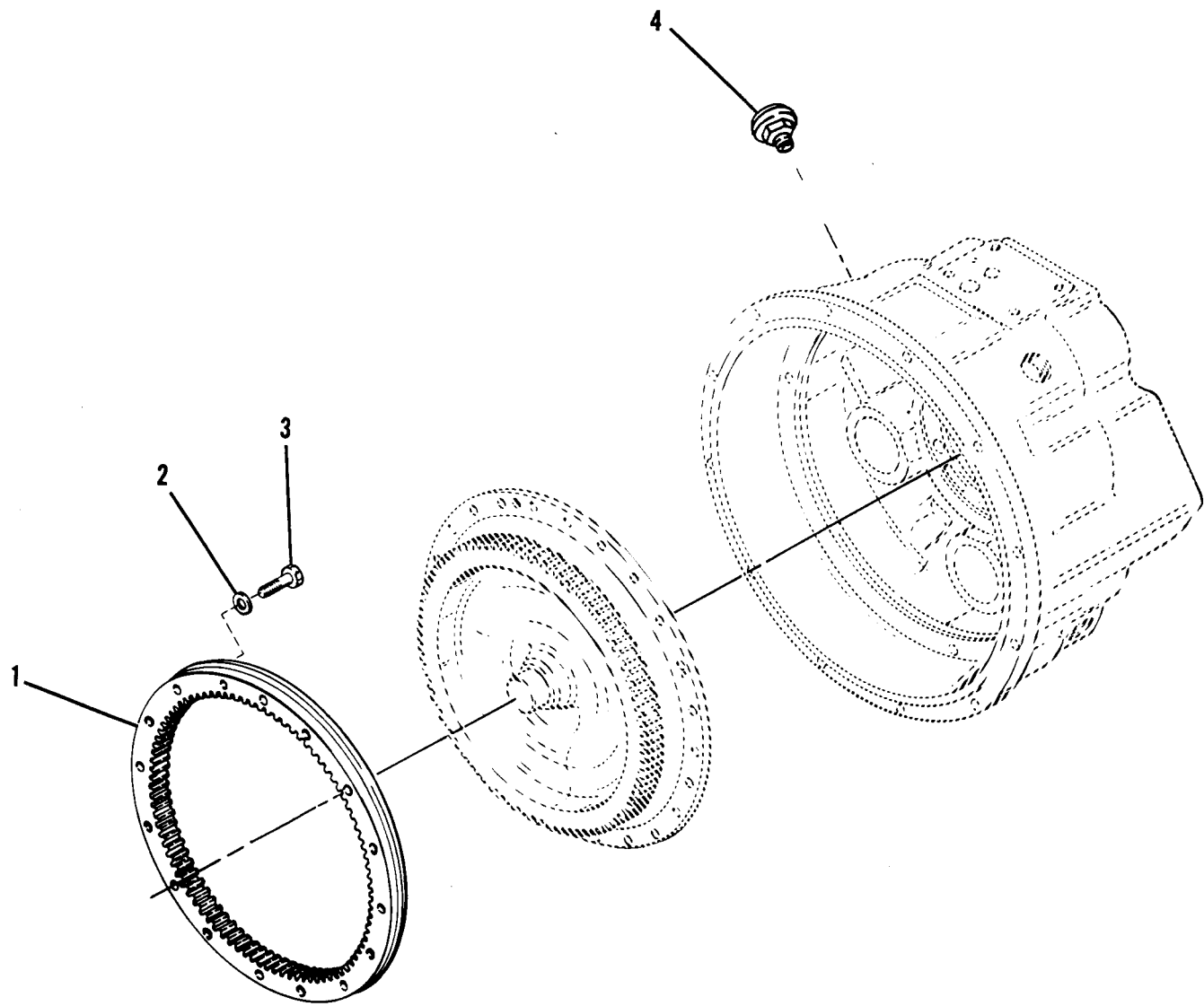
ASSEMBLY NUMBER	DESCRIPTION
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1802040	TORQUE CONVERTER ASSEMBLY
	- 13.5" WHEEL GROUP
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ITEM NO.	PART NUMBER	DESCRIPTION	QTY. USED
1	8702114	TURBINE HUB	1
2	8702115	TURBINE HUB RETAINING	1
3	8702116	RING REACTION MEMBER	1
4	8702117	SNAP RING REACTION	1
5	8702118	MEMBER	1
6	8700095	REACTION MEMBER SPACER	1
7	8702119	BEARING SNAP RING	1
8	8702120	IMPELLER HUB BEARING	1
9	8702121	IMPELLER HUB	1
10	8702122	IMPELLER HUB O-RING	1
11	8702123	IMPELLER	8
12	8702124	CAP SCREW	8
13	8702125	IMPELLER COVER SLEEVE	1
14	8702126	IMPELLER COVER	1
15	8702127	IMPELLER COVER BEARING	1
16	8702128	BEARING SNAP RING	1
17	8700112	O-RING	1
18	8700108	CAP SCREW	1
19	8702129	WASHER	8
20	8702130	TURBINE	1
21	8702115	TURBINE HUB RETAINING RING	1
22		SEE ITEM 23	
23	8700057	CAP SCREW & LOCK WASHER	24
24		NOT USED ON THIS MODEL	
25		NOT USED ON THIS MODEL	

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RING GEAR MOUNTING GROUP



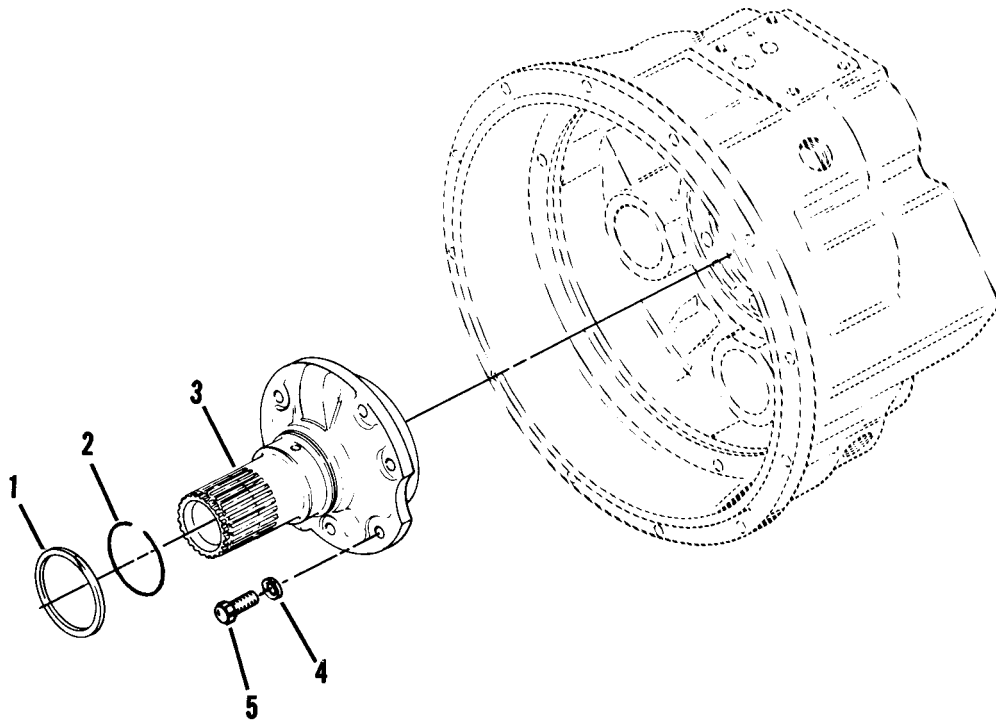
SWINGMASTER CORPORATION
PARTS BOOK

MACHINE	SECTION	2
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MODEL 361 SWINGLOADER	DRIVE SYSTEM	
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**ASSEMBLY
NUMBER**
DESCRIPTION
1802040
**TORQUE CONVERTER ASSEMBLY
- RING GEAR MOUNTING GROUP**

ITEM	PART		QTY.
NO.	NUMBER	DESCRIPTION	USED
1	8702133	RING GEAR	1
2		NOT USED ON THIS MODEL	
3	8702135	SELF LOCKING CAP SCREW	32
4	8700026	BREATHER ASSEMBLY	1
5	8702134	BACKING RING - NOT SHOWN IN PICTURE	1
	8702132	RING GEAR KIT - INCLUDES ITEMS 1 & 3	1

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STATOR SUPPORT GROUP

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PARTS BOOK

MACHINE	SECTION	2
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MODEL 361 SWINGLOADER	DRIVE SYSTEM	
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ASSEMBLY
NUMBER

DESCRIPTION

1802040

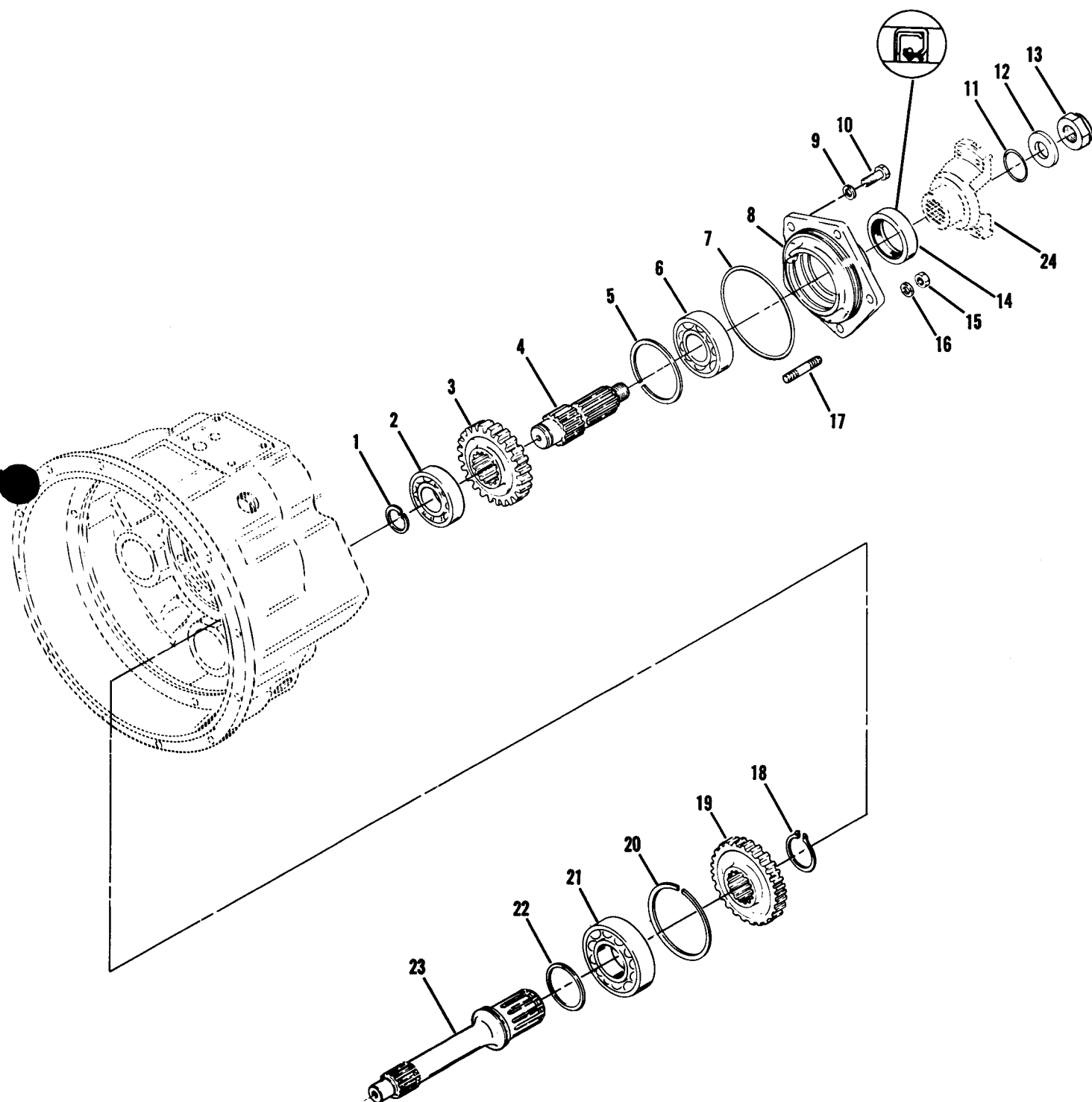
TORQUE CONVERTER ASSEMBLY
- STATOR SUPPORT GROUP

ITEM PART			QTY.
NO.	NUMBER	DESCRIPTION	USED
1	8702136	STATOR SUPPORT PISTON RING	1
2	8702137	PISTON RING EXPANDER SPRING	1
3	8702138	STATOR SUPPORT & SLEEVE ASSEMBLY	1
4	8700090	LOCK WASHER	6
5	8700089	CAP SCREW	6

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TURBINE SHAFT & OUTPUT SHAFT GROUP



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PARTS BOOK

MACHINE	SECTION	2
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MODEL 361 SWINGLOADER	DRIVE SYSTEM	
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ASSEMBLY

NUMBER

DESCRIPTION

1802040

TORQUE CONVERTER ASSEMBLY
- TURBINE SHAFT & OUTPUT SHAFT GROUP

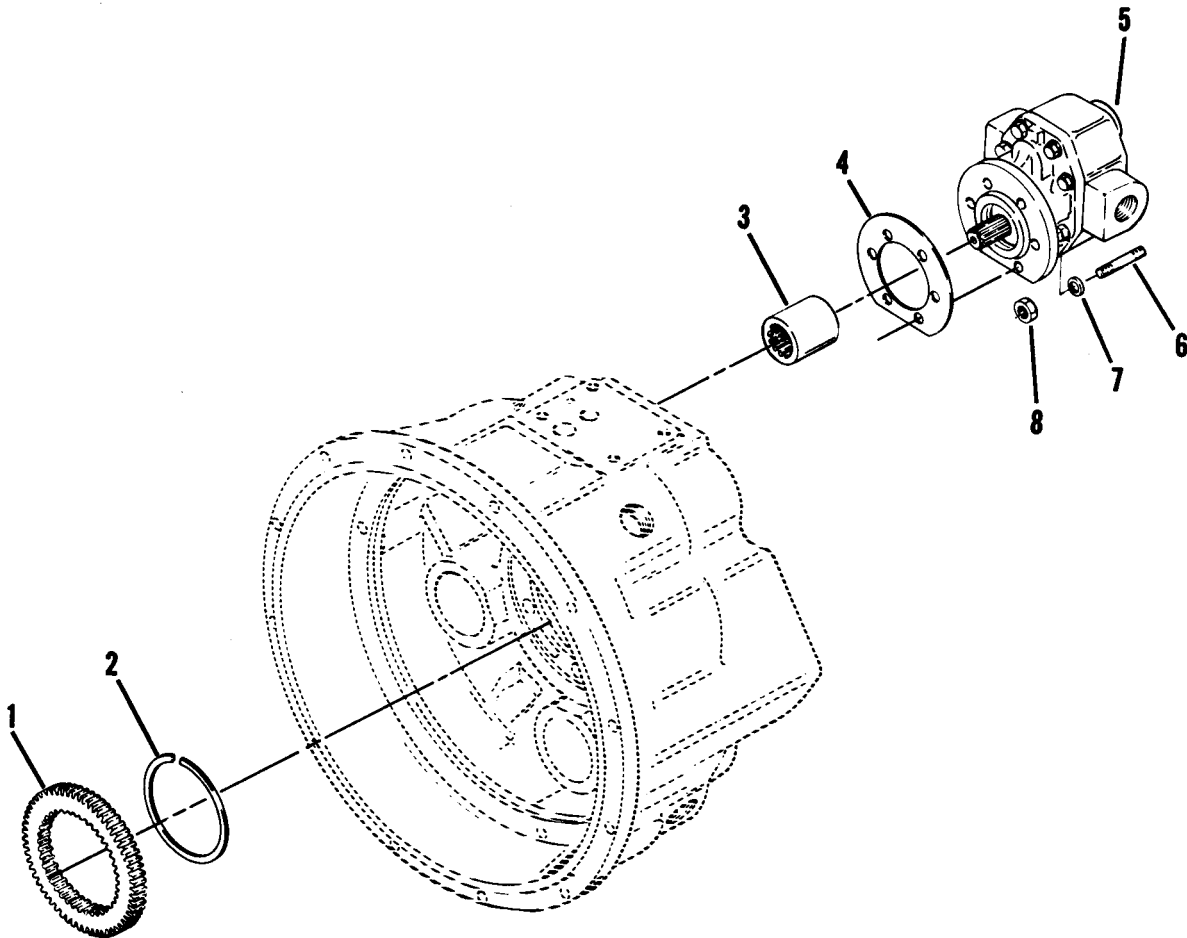
ITEM	PART		QTY.
NO.	NUMBER	DESCRIPTION	USED
1	8700078	BEARING SNAP RING	1
2	8700077	OUTPUT SHAFT FRONT BEARING	1
3	8700076	OUTPUT SHAFT GEAR (27 TEETH)	1
4	8700075	OUTPUT SHAFT	1
5	8700325	OUTPUT SHAFT BEARING SNAP RING	1
6	8700073	OUTPUT SHAFT REAR BEARING	1
7	8700072	BEARING RETAINER O-RING	1
8	8700070	BEARING RETAINER	1
9	8700158	BEARING RETAINER SCREW LOCK WASHER	3
10	8700064	BEARING RETAINER SCREW	3
11	8700065	OUTPUT SHAFT O-RING	1
12	8700066	OUTPUT SHAFT WASHER	1
13	8700065	OUTPUT SHAFT NUT	1
14	8700062	BEARING RETAINER OIL SEAL	1
15	8700069	BEARING RETAINER STUD NUT	2
16	8700158	BEARING RETAINER OIL LOCK WASHER	2
17	8700071	BEARING RETAINER STUD	2
18	8700097	GEAR SNAP RING	1
19	8700096	TURBINE SHAFT GEAR	1
20	8700095	TURBINE SHAFT SNAP RING	1
21	8700094	TURBINE SHAFT BEARING	1
22	8700092	TURBINE SHAFT PISTON RING	1
23	8702139	TURBINE SHAFT	1
24	8700068	OUTPUT FLANGE	1

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CHARGING PUMP GROUP

SWINGMASTER CORPORATION

PARTS BOOK

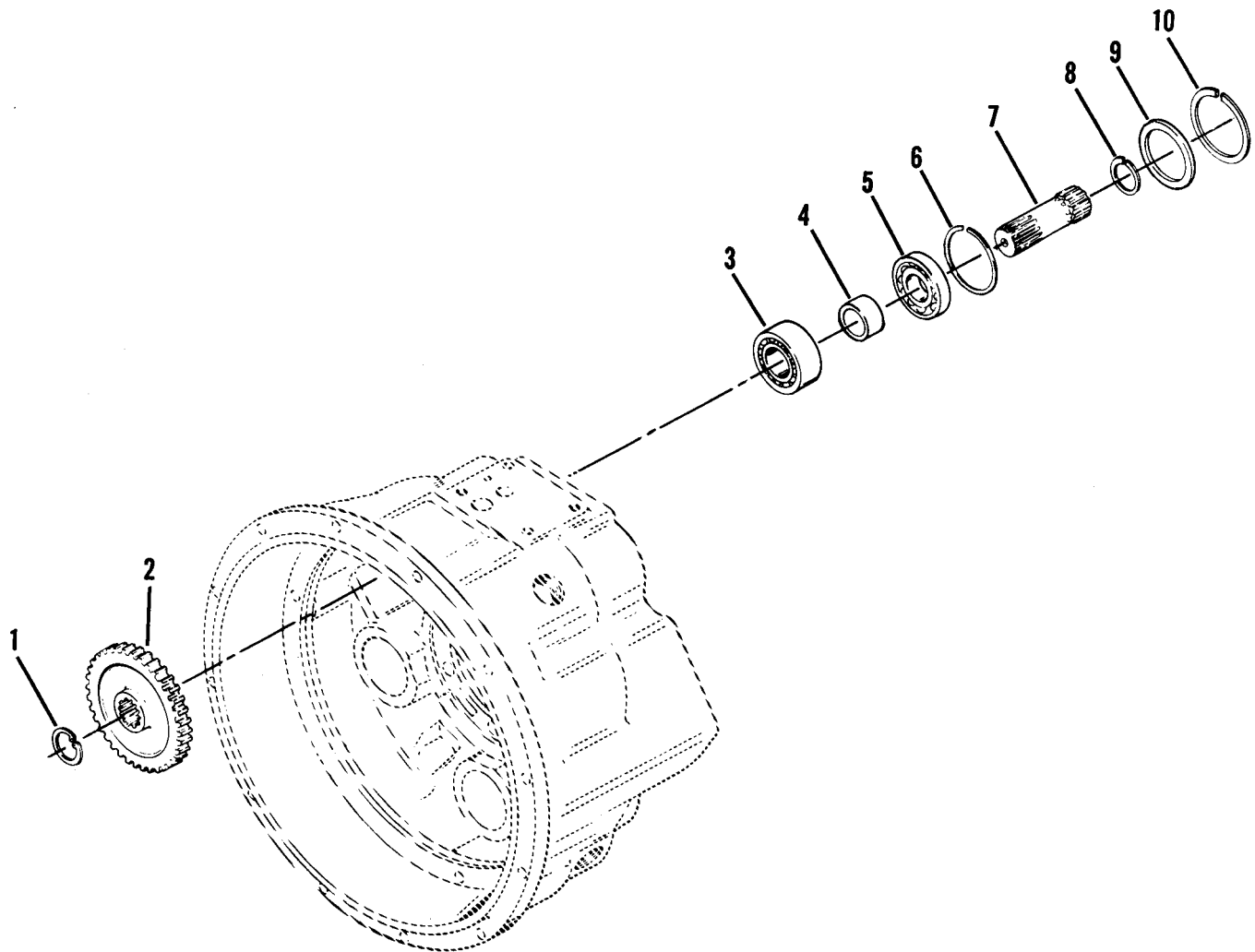
MACHINE	SECTION	2
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MODEL 361 SWINGLOADER	DRIVE SYSTEM	
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ASSEMBLY NUMBER	DESCRIPTION
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1802040	TORQUE CONVERTER ASSEMBLY
	- CHARGING PUMP GROUP
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ITEM PART NO. NUMBER DESCRIPTION	QTY. USED
1 8702140 IMPELLER HUB GEAR	1
2 8702141 IMPELLER HUB GEAR SNAP RING	1
3 8700054 CHARGING PUMP SLEEVE	1
4 8700055 CHARGING PUMP GASKET	1
5 8702142 CONVERTER CHARGING PUMP	1
6 8700057 SCREW & LOCK WASHER (NOT AS SHOWN)	3
7 PART OF ITEM 6	
8 NOT USED ON THIS MODEL	
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PUMP DRIVE GROUP

SWINGMASTER CORPORATION

PARTS BOOK

MACHINE	SECTION	2
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MODEL 361 SWINGLOADER	DRIVE SYSTEM	
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ASSEMBLY
NUMBER

DESCRIPTION

1802040

TORQUE CONVERTER ASSEMBLY
- PUMP DRIVE GROUP

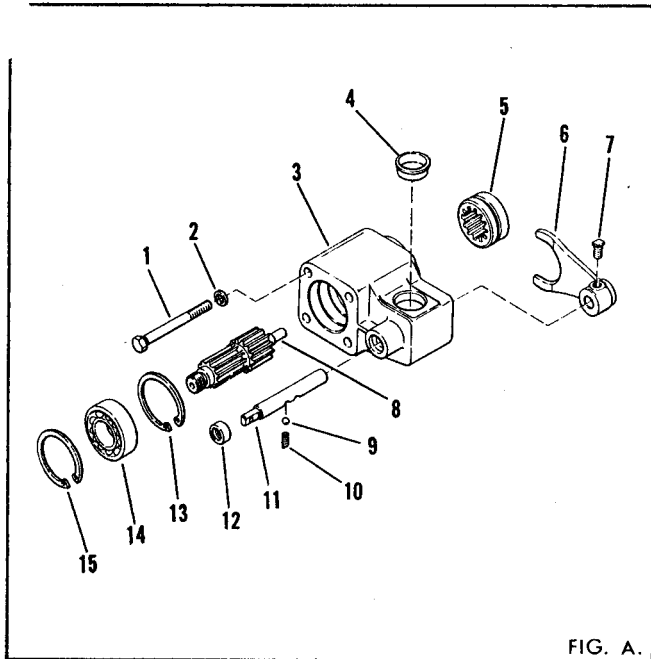
ITEM PART			QTY.
NO. NUMBER DESCRIPTION			USED
1	8700024	PUMP DRIVE GEAR SNAP RING	3
2	8700025	PUMP DRIVE GEAR (39 TEETH)	3
3	8700046	PUMP DRIVE SHAFT BEARING	3
4	8700047	PUMP DRIVE SHAFT SPACER	3
5	8700048	PUMP DRIVE SHAFT BEARING	3
6	8700049	PUMP DRIVE SHAFT BEARING SNAP RING	3
7	8700050	PUMP DRIVE SHAFT	3
8	8700051	PUMP DRIVE SHAFT SNAP RING	3
9	8700052	PUMP DRIVE WASHER	3
10	8700053	PUMP SHAFT SNAP RING	3
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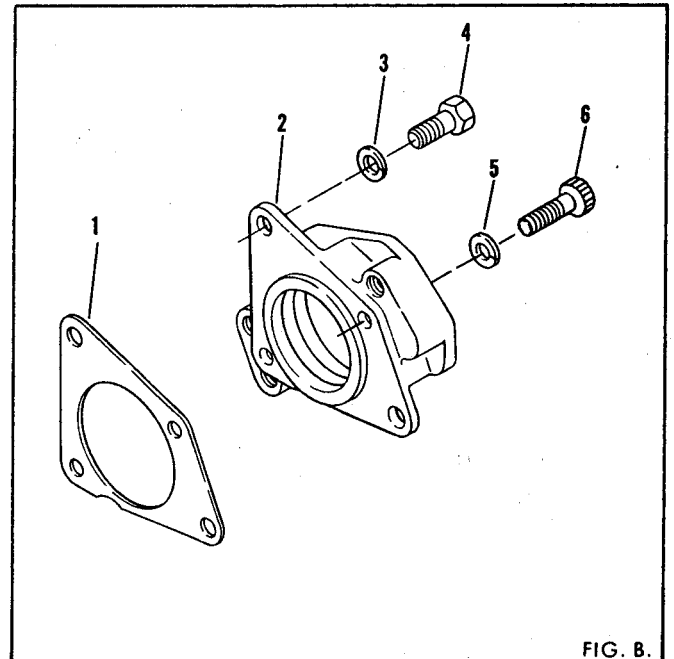
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CLARK

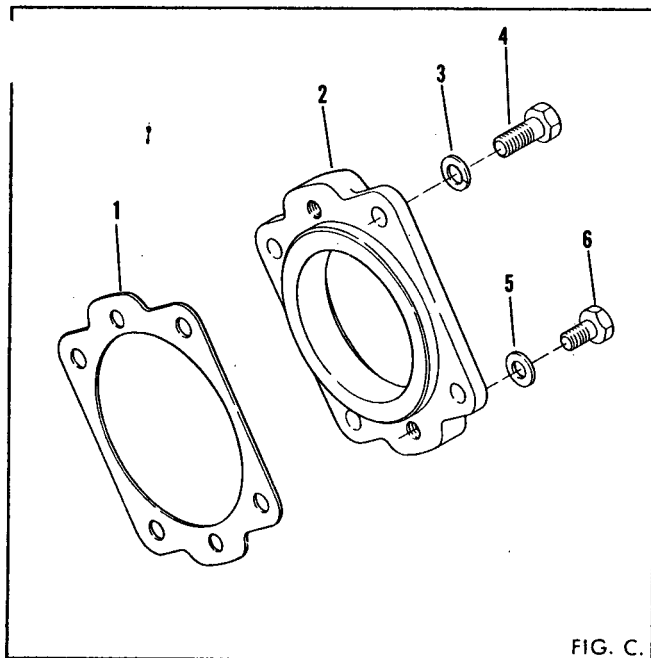
CLARK



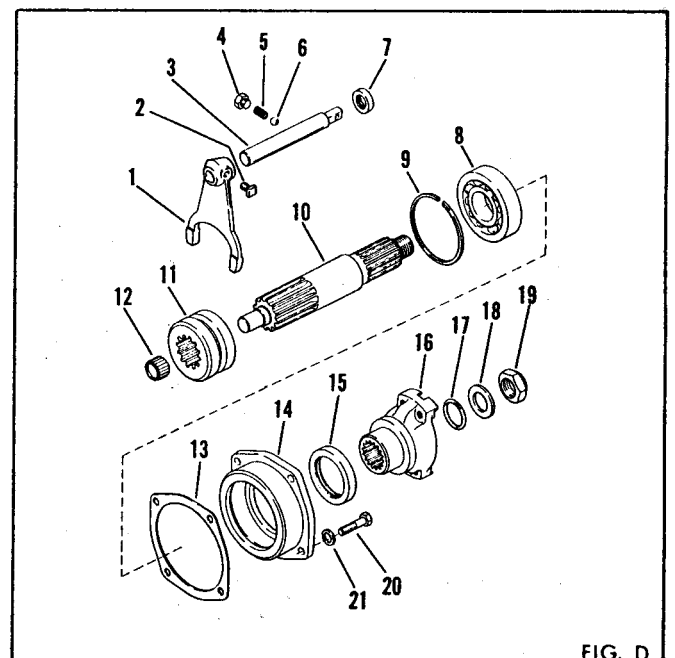
DISCONNECT ASSEMBLY



"A" SIZE TO "B" SIZE PUMP ADAPTOR



"B" SIZE PUMP ADAPTOR



FORWARD & REVERSE P.T.O.

R & HR 28000 SERIES-VARIOUS OPTIONS

MACHINE	SECTION	2
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MODEL 361 SWINGLOADER	DRIVE SYSTEM	
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ASSEMBLY
NUMBER

DESCRIPTION

1802040-----
TORQUE CONVERTER ASSEMBLY
- PUMP ADAPTOR GROUP

ITEM PART		QTY.
NO. NUMBER DESCRIPTION		USED

REFERENCE FIGURE C, FOR THE FOLLWING ITEMS
FOR USE WITH HYDRAULIC PUMP 1800120
(SEE HYDRAULIC PUMP INSTALLATION IN SECTION 20)

1	8700055	PUMP ADAPTOR GASKET	1
2	8700123	PUMP ADAPTOR	1
3	8700124	PUMP ADAPTOR SCREW LOCK WASHER	3
4	8700125	PUMP ADAPTOR SCREW	3
5		NOT USED ON THIS MODEL	
6		NOT USED ON THIS MODEL	

REFERENCE FIGURE C, FOR THE FOLLOWING ITEMS
FOR USE WITH HYDRAULIC PUMP 1800121
(SEE HYDRAULIC PUMP INSTALLATION IN SECTION 20)

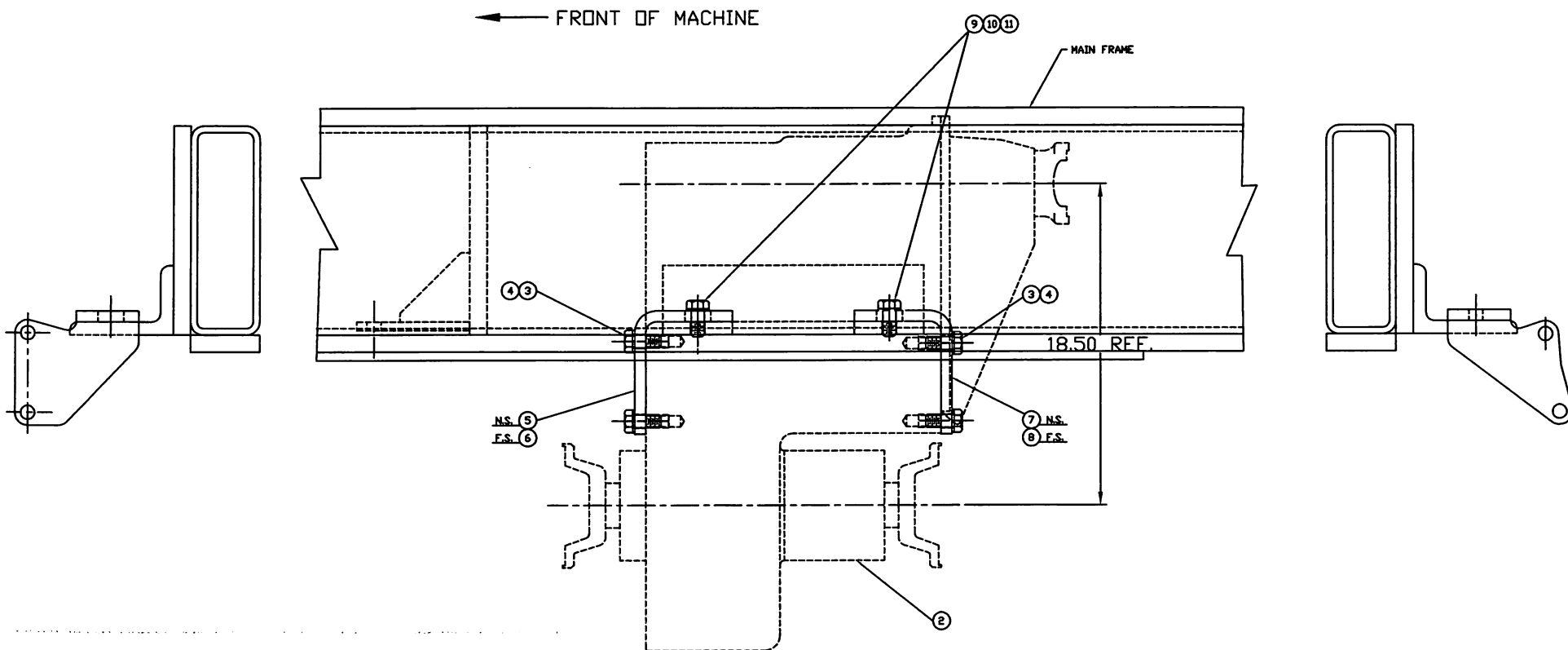
1	8700055	PUMP ADAPTOR GASKET	1
2	8700128	PUMP ADAPTOR (NOT AS SHOWN)	1
3		NOT USED ON THIS MODEL	
4	8700129	PUMP ADAPTOR SCREW	6
5		NOT USED ON THIS MODEL	
6		NOT USED ON THIS MODEL	

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① INSTALLATION

TOLERANCES		SWINGMASTER CORPORATION	
UNLESS OTHERWISE SPECIFIED		11415 MELROSE AVENUE	
FRACTIONS +/-		FRANKLIN PARK, ILLINOIS 60131	
3 PLACE DECIMALS +/-		TRANSMISSION INSTALLATION	
2 PLACE DECIMALS +/-		MODEL 361 & SL180	
1 PLACE DECIMALS +/-		DRAWN BY: J.K.	
ANGLES		DATE: 7-11-97	
SEE SWINGMASTER SPECIFICATION		DRAWING NO.	
0-1 FOR TOLERANCES NOT SPECIFIED		D-735	
DIMENSIONS ARE IN INCHES			
DO NOT SCALE DRAWING			
SCALE: 1/4"=1'			

MACHINE

SECTION

2

MODEL 361 SWINGLOADER

DRIVE SYSTEM

ASSEMBLY NUMBER		DESCRIPTION	
1805738		TRANSMISSION INSTALL	
ITEM NO.	PART NUMBER	DESCRIPTION	QTY USED
002	1802018	TRANSMISSION - R28662	1
003	1800479	H.H.C.S. 3/4-10 X 2" LONG	8
004	1800572	3/4" LOCK WASHER	8
005	1805753	FRONT LEFT TRANS. MOUNTING BRACKET	1
006	1805330	FRONT RIGHT TRANS. MTG. BRACKET	1
007	1805332	REAR LEFT TRANS. MTG. BRACKET	1
008	1805331	REAR RIGHT TRANS. MTG. BRACKET	1
009	1802023	H.H.C.S. 3/4-10 X 3" LONG	4
010	1800522	ESNA HEX NUT 3/4-10	4
011	1800557	3/4" FLAT WASHER	8

MACHINE

SECTION

MODEL 361 SWINGLOADER

DRIVE SYSTEM

TRANSMISSION ASSEMBLY

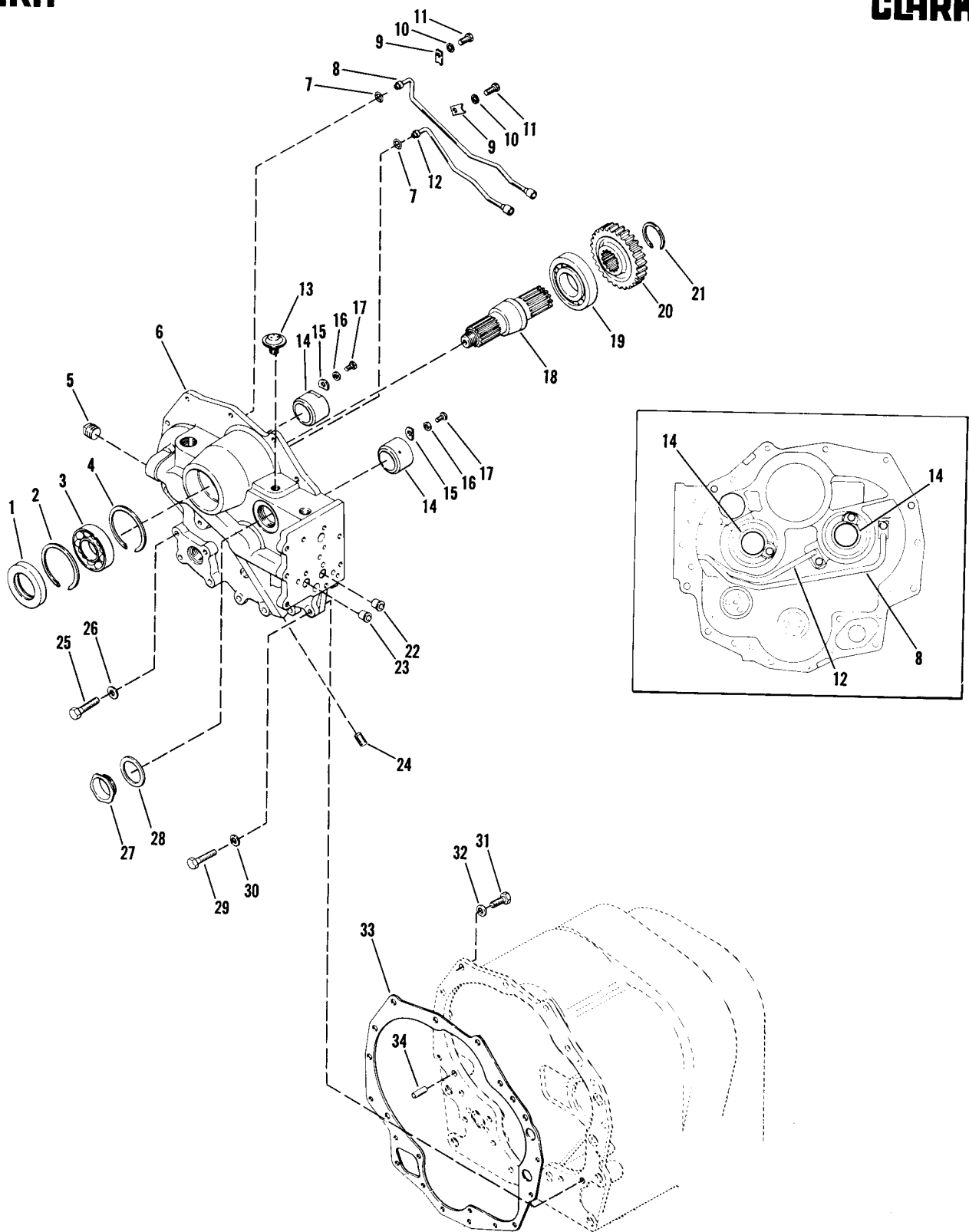
DESCRIPTION

3 SPEED REMOTE CASE GROUP
TRANSMISSION CASE AND REAR GROUP
REVERSE AND HIGH SHAFT GROUP
FORWARD AND SECOND SHAFT GROUP
LOW SPEED SHAFT GROUP
IDLER SHAFT GROUP
OUTPUT SHAFT GROUP
HIGH AND LOW RANGE SHIFT CONTROL GROUP
SOLENOID CONTROL VALVE ASSEMBLY
DRIVE FLANGE

PART

NUMBER DESCRIPTION

8702307 FRONT COVER & TRANSMISSION GASKET & SEALING KIT



MACHINE	SECTION	2
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MODEL 361 SWINGLOADER	DRIVE SYSTEM	
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 ASSEMBLY
NUMBER

1802018

DESCRIPTION

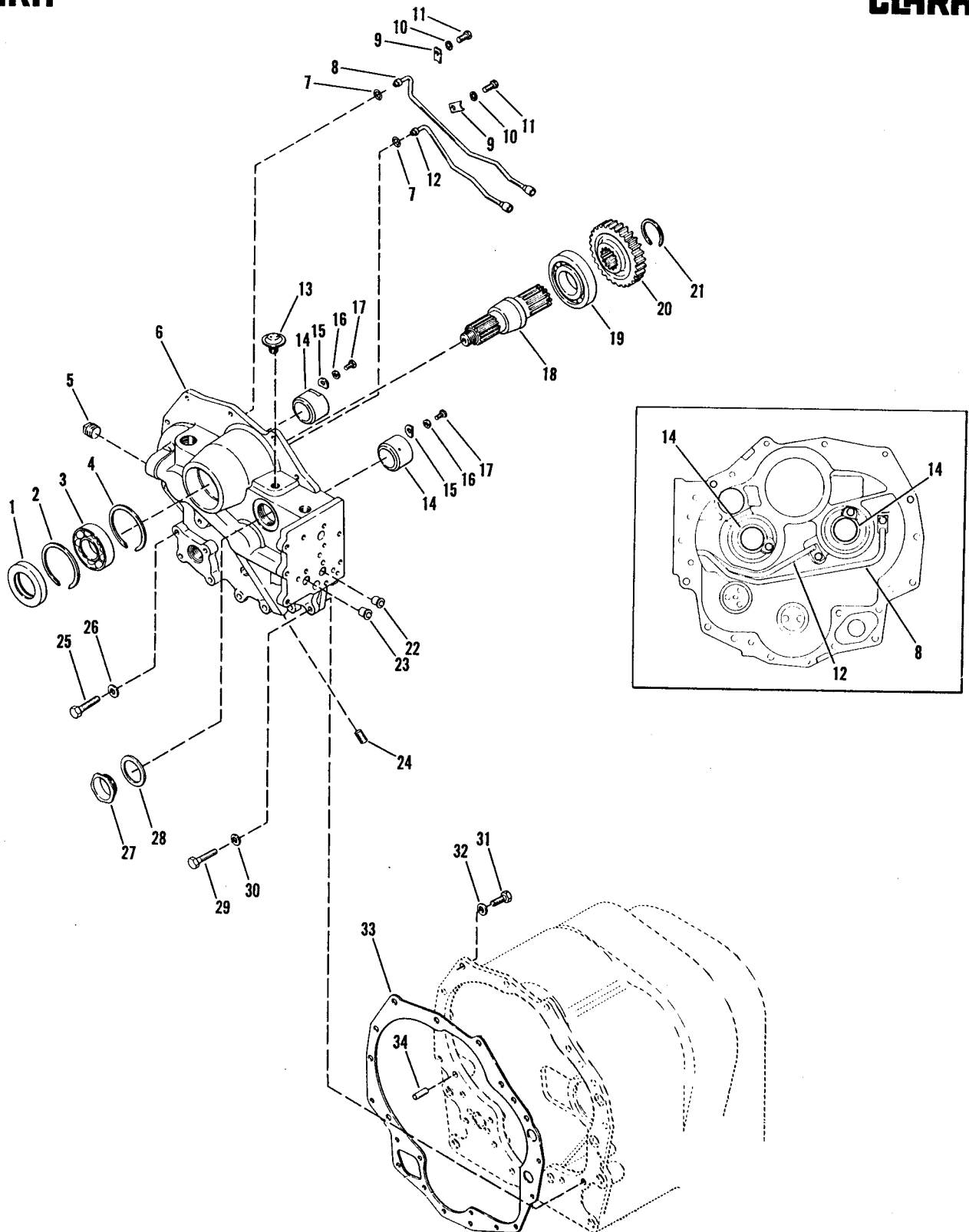
 TRANSMISSION ASSEMBLY
- 3 SPEED REMOTE CASE GROUP

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. USED
1	8700166	INPUT FLANGE OIL SEAL	1
2	8700325	INPUT SHAFT FRONT BRG. RET. RING	1
3	8702144	INPUT SHAFT FRONT BEARING	1
4	8700325	INPUT SHAFT FRONT BRG. RET. RING	1
5	8700058	PIPE PLUG	1
6	8702145	FRONT COVER & TUBE ASSEMBLY INCLUDES ITEMS 7-12,14-17,22,23	1
7	8702146	O-RING	2
8	8702147	3RD SPEED TUBE ASSEMBLY	1
9	8702148	TUBE CLIP	2
10	8700155	TUBE CLIP SCREW LOCK WASHER	2
11	8700154	TUBE CLIP SCREW	2
12	8702149	REVERSE TUBE ASSEMBLY	1
13	8700169	BREATHER	1
14	8702150	FRONT COVER SLEEVE	2
15	8702151	FRONT COVER SLEEVE LOCK	2
16	8700155	SLEEVE LOCK SCREW LOCK WASHER	2
17	8700154	SLEEVE LOCK SCREW	2
18	8702152	INPUT SHAFT	1
19	8702153	INPUT SHAFT REAR BEARING	1
20	8702154	INPUT SHAFT GEAR	1
21	8700097	INPUT SHAFT GEAR RETAINER RING	1
22	8700134	TUBE SLEEVE	1
23	8700134	TUBE SLEEVE	1
24	8700148	PIPE PLUG	1
25	8702155	COVER TO CASE SCREW	4

PAGE 1 OF 2

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MACHINE	SECTION	2
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MODEL 361 SWINGLOADER	DRIVE SYSTEM	
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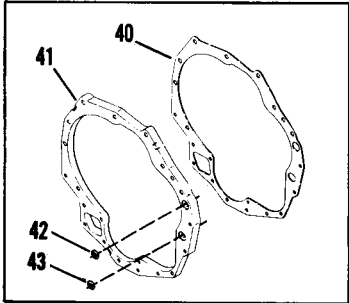
ASSEMBLY
NUMBER

DESCRIPTION

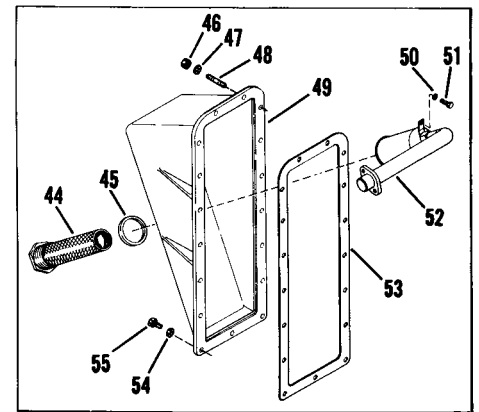
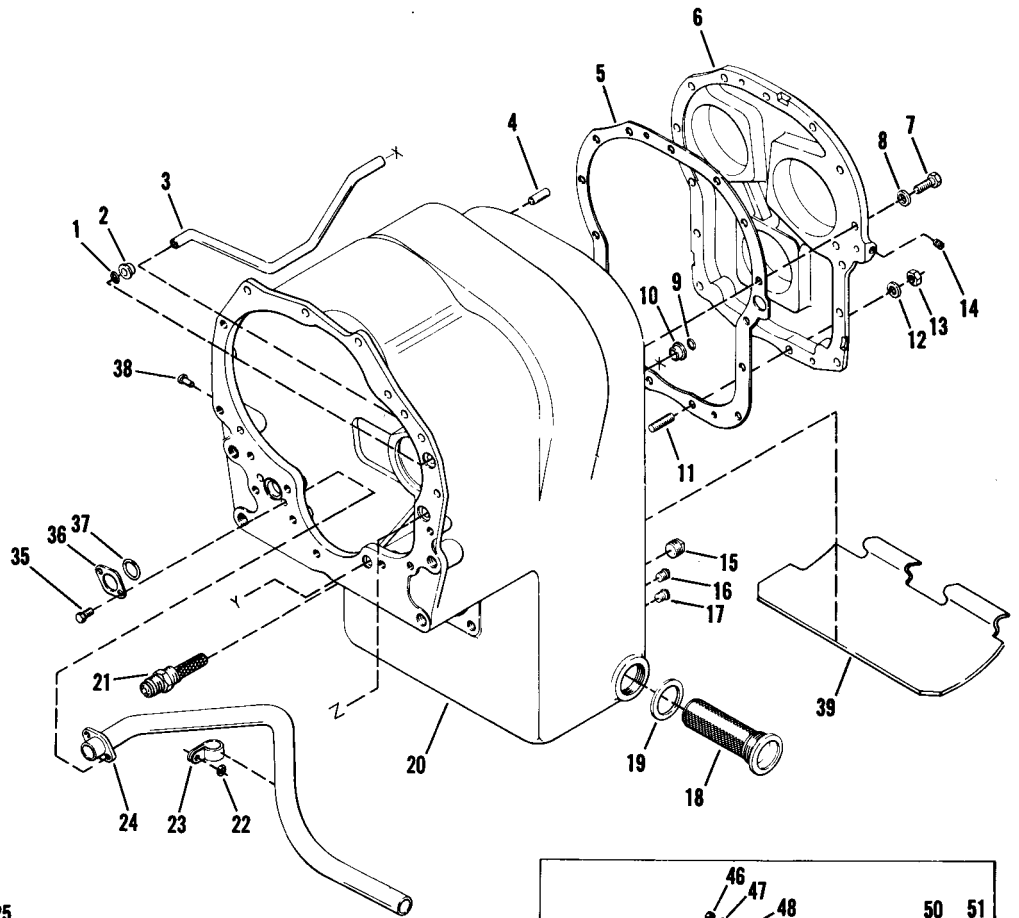
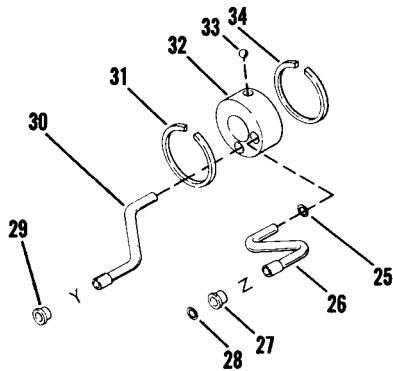
1802018

TRANSMISSION ASSEMBLY
- 3 SPEED REMOTE CASE GROUP

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. USED
26	8700158	COVER TO CASE SCREW LOCK WASHER	4
27	8700184	FRONT COVER PLUG	1
28	8700186	FRONT COVER PLUG GASKET	1
29	8702156	COVER TO CASE SCREW	4
30	8700158	COVER TO CASE SCREW LOCK WASHER	4
31	8700064	COVER TO CASE SCREW	10
32	8700158	COVER TO CASE SCREW LOCK WASHER	10
33	8702157	FRONT COVER GASKET	1
34	8700189	FRONT COVER DOWEL PIN	2



CONVERTER HOUSING TO TRANSMISSION
CASE SPACER USED ONLY WITH 12
PLATE CLUTCH PACK ASSEMBLY.



SPECIAL SUMP

MACHINE _____ SECTION _____ 2
MODEL 361 SWINGLOADER DRIVE SYSTEM

ASSEMBLY
NUMBER

1802018

DESCRIPTION

TRANSMISSION ASSEMBLY
- TRANSMISSION CASE & REAR GROUP

ITEM	PART		QTY.
NO.	NUMBER	DESCRIPTION	USED
1	8702158	PRESSURE TUBE O-RING	1
2	8700134	PRESSURE TUBE SLEEVE	1
3	8702159	LOW SPEED CLUTCH PRESSURE TUBE	1
4	8702160	CASE TO COVER DOWEL PIN	2
5	8702161	CASE TO COVER GASKET	1
6	8702162	REAR COVER	1
7	8702163	CAP SCREW	21
8	8702164	LOCK WASHER	21
9	8702158	PRESSURE TUBE O-RING	1
10	8700134	PRESSURE TUBE SLEEVE	1
11	8702165	STUD	2
12	8702164	LOCK WASHER	2
13	8702167	NUT	2
14	8700145	REAR COVER PIPE PLUG	1
15	8700149	MAGNETIC DRAIN PLUG	1
16	8702168	OIL LEVEL PLUG	1
17	8702168	OIL LEVEL PLUG	1
18	8702169	SCREEN ASSEMBLY	1
19	8700186	SCREEN ASSEMBLY GASKET	1
20	8702170	TRANSMISSION CASE ASSEMBLY	1
		INCLUDES ITEMS 2,3,10,22-24,35-	
21	8702171	38	1
22	8702172	TRANSMISSION CASE PLUG	1
23	8702173	SUCTION TUBE CLIP WASHER	1
24	8702174	SUCTION TUBE CLIP	1
25	THRU 34	SUCTION TUBE ASSEMBLY	

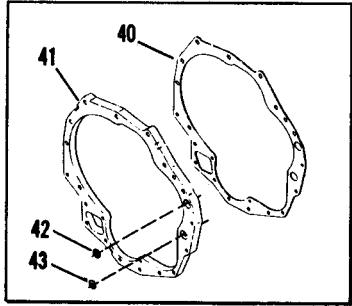
PAGE 1 OF 2

SWINGMASTER CORPORATION
11415 MELROSE AVENUE
FRANKLIN PARK, ILLINOIS 60131

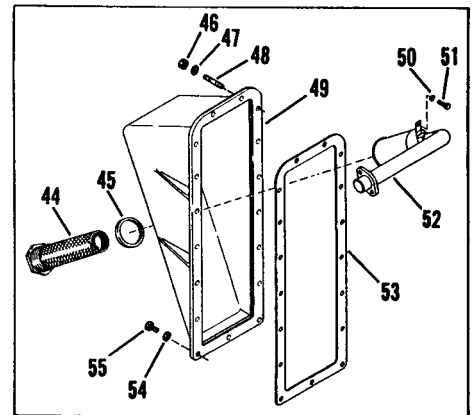
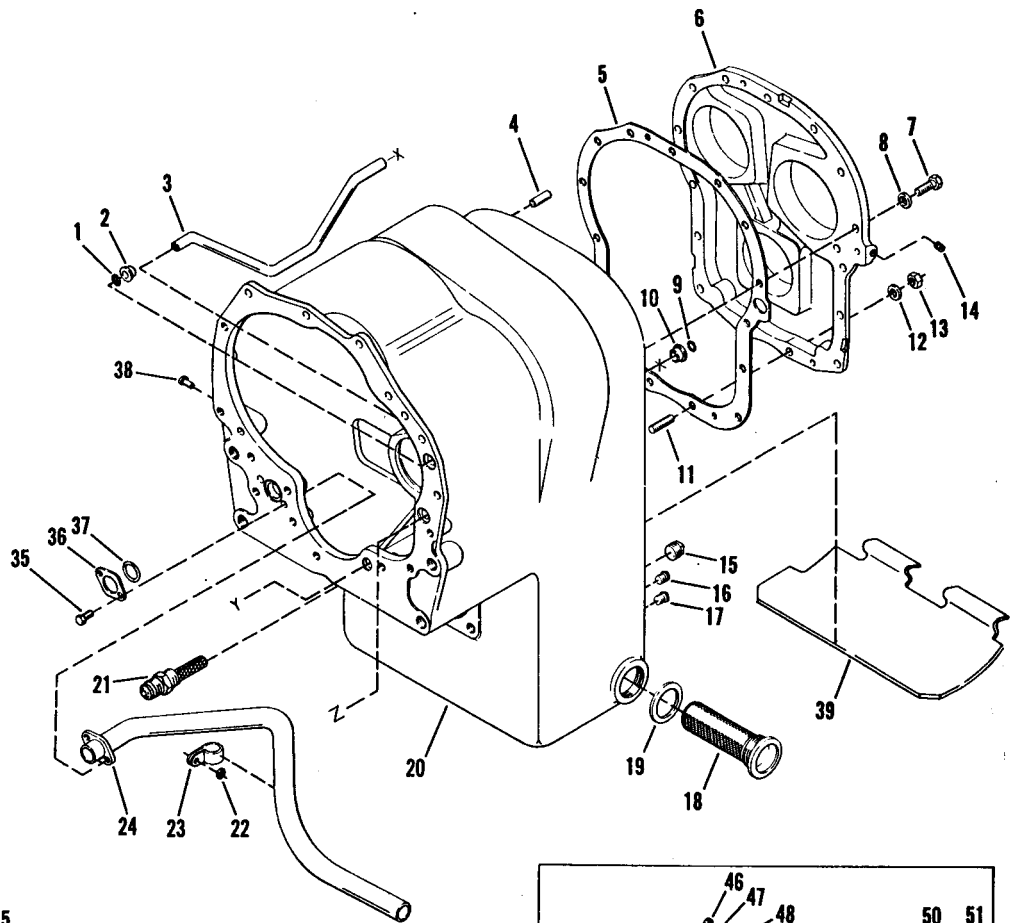
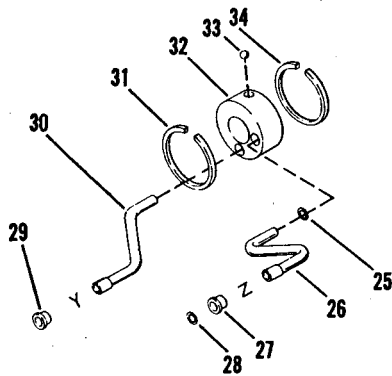
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CLARK

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CONVERTER HOUSING TO TRANSMISSION
CASE SPACER USED ONLY WITH 12
PLATE CLUTCH PACK ASSEMBLY.



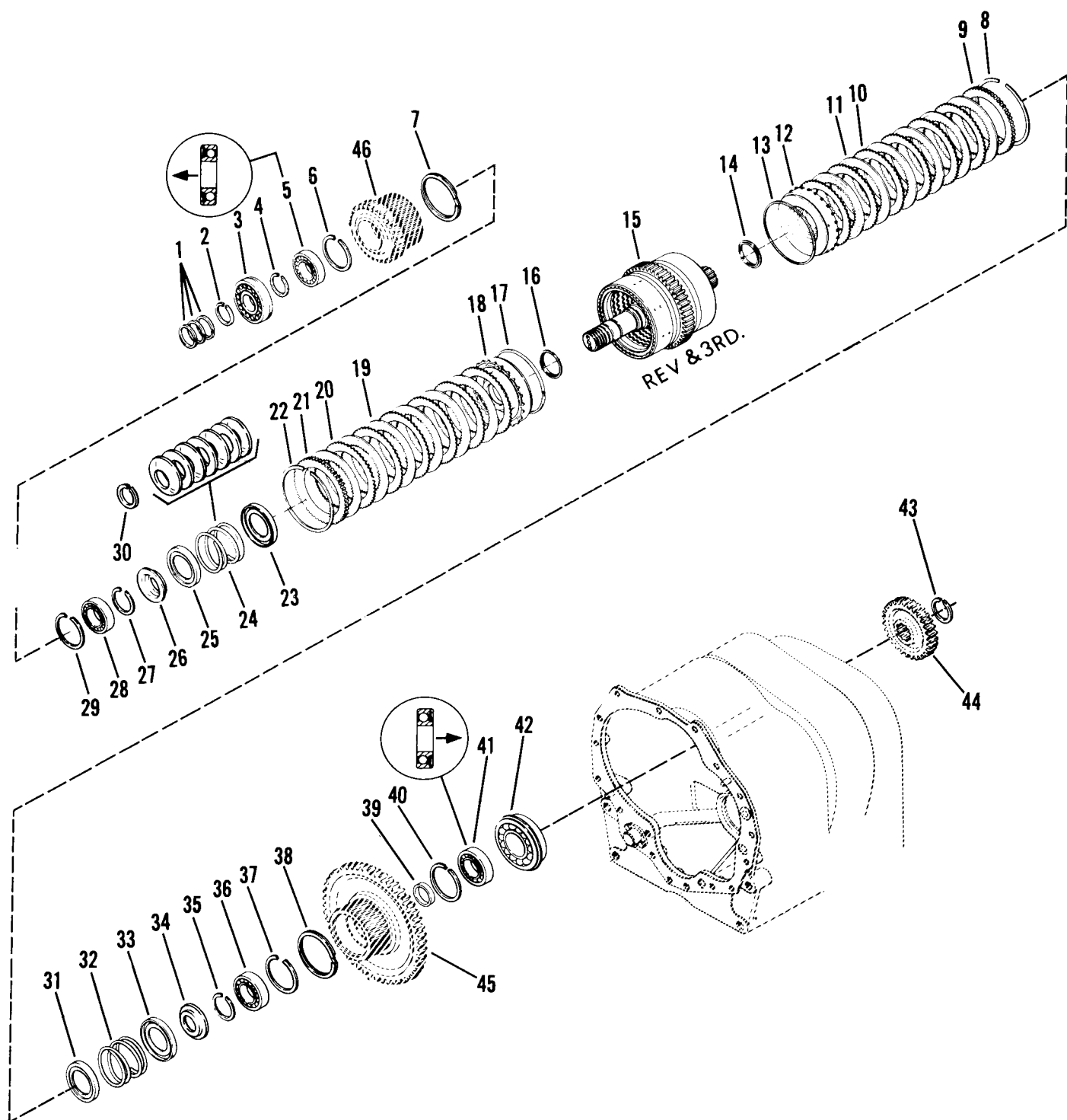
SPECIAL SUMP

MACHINE	SECTION	2
-----	-----	-----
MODEL 361 SWINGLOADER	DRIVE SYSTEM	
-----	-----	-----

ASSEMBLY NUMBER -----	DESCRIPTION
1802018 -----	TRANSMISSION ASSEMBLY - TRANSMISSION CASE & REAR GROUP

ITEM PART	QTY.
NO. NUMBER DESCRIPTION	USED

35	8702175	RETAINING WASHER SCREW	2
36	8702176	RETAINING WASHER	1
37	8702177	SUCTION TUBE O-RING	1
38	8702178	SUCTION TUBE CLIP RIVET	1
39	8702179	OIL BAFFLE	1
40 THRU 43		NOT USED ON THIS MODEL	
-----	-----	-----	-----



MACHINE	SECTION	2
-----	-----	-----
MODEL 361 SWINGLOADER	DRIVE SYSTEM	
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ASSEMBLY
NUMBER

DESCRIPTION

1802018

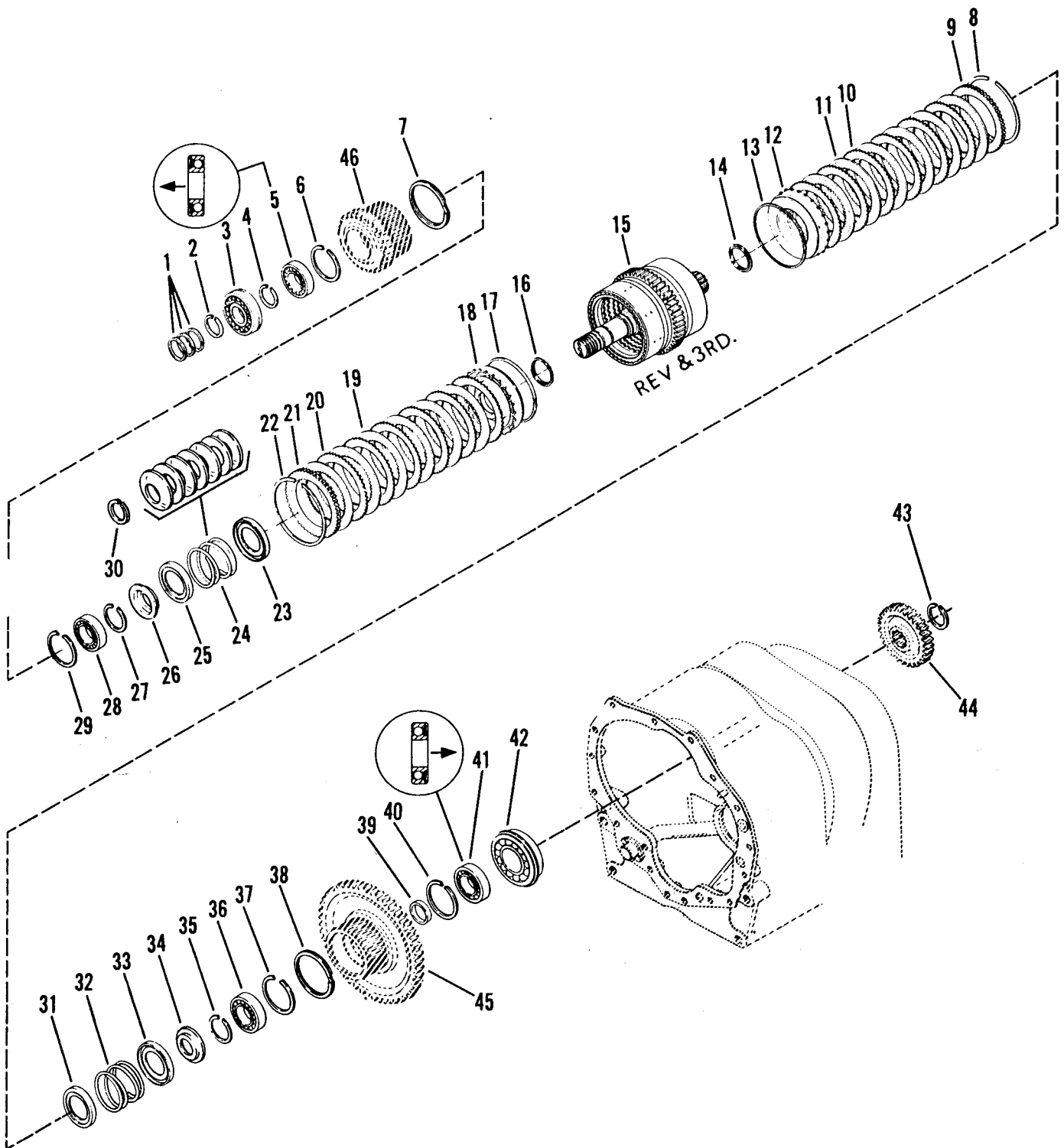
TRANSMISSION ASSEMBLY
- REVERSE & HIGH SHAFT GROUP

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. USED
1	8700217	REV. & 3RD CLUTCH SHAFT PISTON RING	3
2	8700218	FRONT BEARING RETAINER RING	1
3	8702144	REVERSE & 3RD SHAFT FRONT BEARING	1
4	8700218	FRONT BEARING RETAINER RING	4
5	8700221	CLTCH DRIVEN GEAR BRG-SHIELD MUST FACE	1
6	8702181	CLUTCH DRIVEN GEAR BEARING SNAP RING	1
7	8702182	CLUTCH HUB OIL BAFFLE RING	1
8	8702183	END PLATE RETAINER RING	1
9	8702184	END PLATE	1
10	8702185	CLUTCH OUTER DISC	6
11	8702186	CLUTCH INNER DISC	6
12	8702187	CLUTCH PISTON	1
13	8702188	CLUTCH PISTON OUTER SEAL	1
14	8702189	CLUTCH PISTON INNER SEAL	1
15	8702190	REVERSE & 3RD CLUTCH DRUM & PLUG	1
16	8702189	CLUTCH PISTON INNER SEAL	1
17	8702188	CLUTCH PISTON OUTER SEAL	1
18	8702187	CLUTCH PISTON ASSEMBLY	1
19	8702186	CLUTCH INNER DISC	6
20	8702185	CLUTCH OUTER DISC	6
21	8702184	END PLATE	1
22	8702183	END PLATE RETAINER	1
23	8702191	SPRING RETAINER	1
24	8702192	PISTON RETURN SPRING	1
25	8702193	SPRING RETAINER	1
26	8702194	SPRING RETAINER SNAP RING RETAINER	1

PAGE 1 OF 2

SWINGMASTER CORPORATION
11415 MELROSE AVENUE
FRANKLIN PARK, ILLINOIS 60131

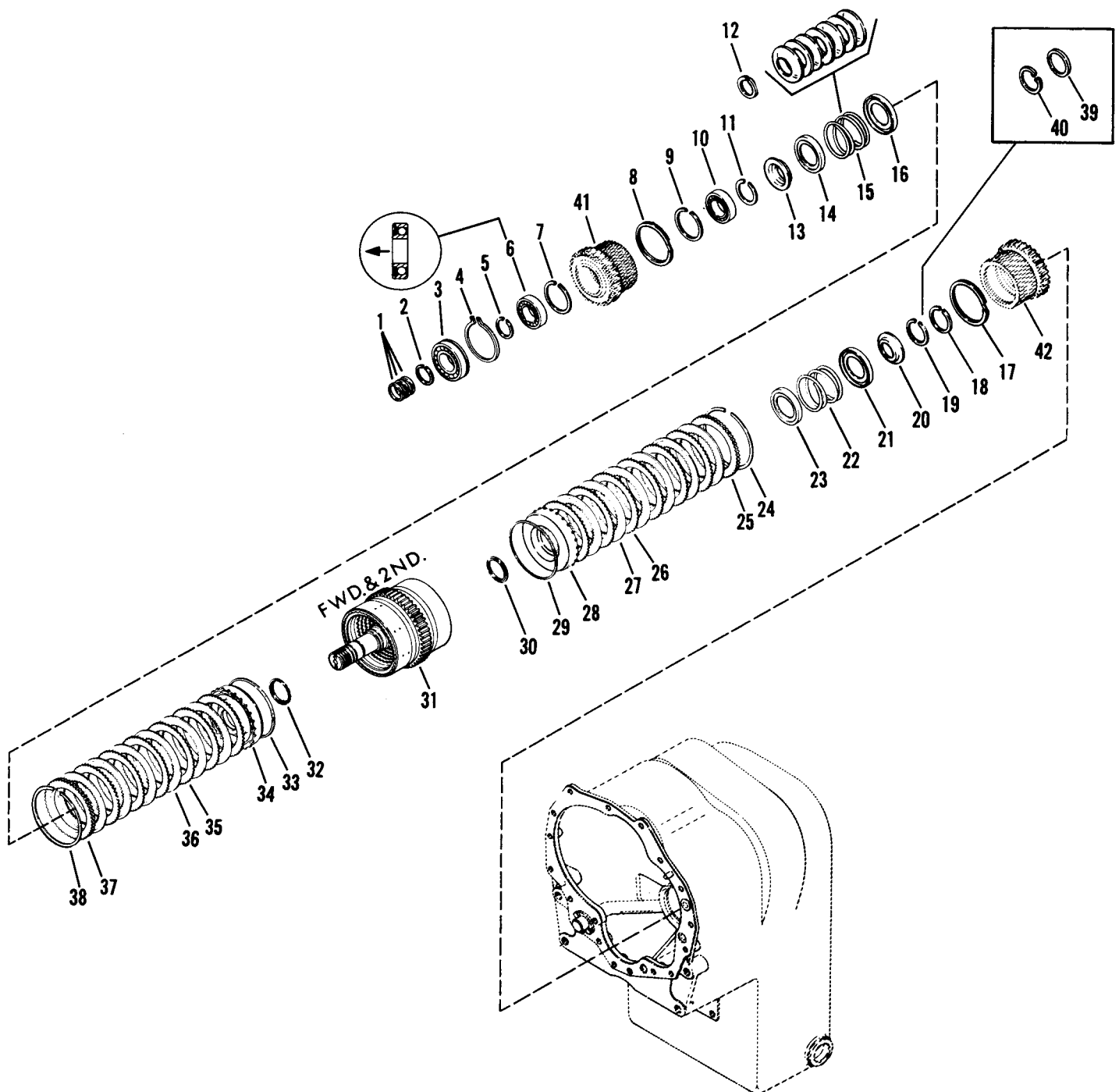
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MACHINE	SECTION	2
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MODEL 361 SWINGLOADER	DRIVE SYSTEM	
-----	-----	-----

ASSEMBLY NUMBER	DESCRIPTION
-----	-----
1802018	TRANSMISSION ASSEMBLY
-----	- REVERSE & HIGH SHAFT GROUP
-----	-----

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. USED
27	8700239	SPRING RETAINER SNAP RING	1
28	8700224	CLUTCH DRIVEN GEAR BEARING	1
29	8702181	CLUTCH DRIVEN GEAR BEARING SNAP RING	1
30		NOT USED ON THIS MODEL	
31	8702191	SPRING RETAINER	1
32	8702192	PISTON RETURN SPRING	1
33	8702193	SPRING RETAINER	1
34	8702194	SPRING RETAINER SNAP RING RETAINER	1
35	8700239	SPRING RETAINER SNAP RING	1
36	8702196	3RD GEAR BEARING	1
37	8702197	3RD GEAR BEARING SNAP RING	1
38	8702182	CLUTCH HUB OIL BAFFLE RING	1
39	8702198	3RD GEAR BEARING SPACER	1
40	8702197	3RD GEAR BEARING SNAP RING	1
41	8702199	3RD GEAR BEARING - SHIELD MUST FACE OUT	1
42	8702200	REVERSE & 3RD SHAFT REAR BEARING	1
43	8702201	GEAR RETAINING RING	1
44	8702202	LOW CLUTCH DRIVE GEAR - 26 TEETH	1
45	8702203	3RD GEAR - 60 TEETH	1
46	8702204	CLUTCH DRIVEN GEAR - 28 TEETH	1



MACHINE	SECTION	2
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MODEL 361 SWINGLOADER	DRIVE SYSTEM	
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ASSEMBLY
NUMBER

DESCRIPTION

1802018

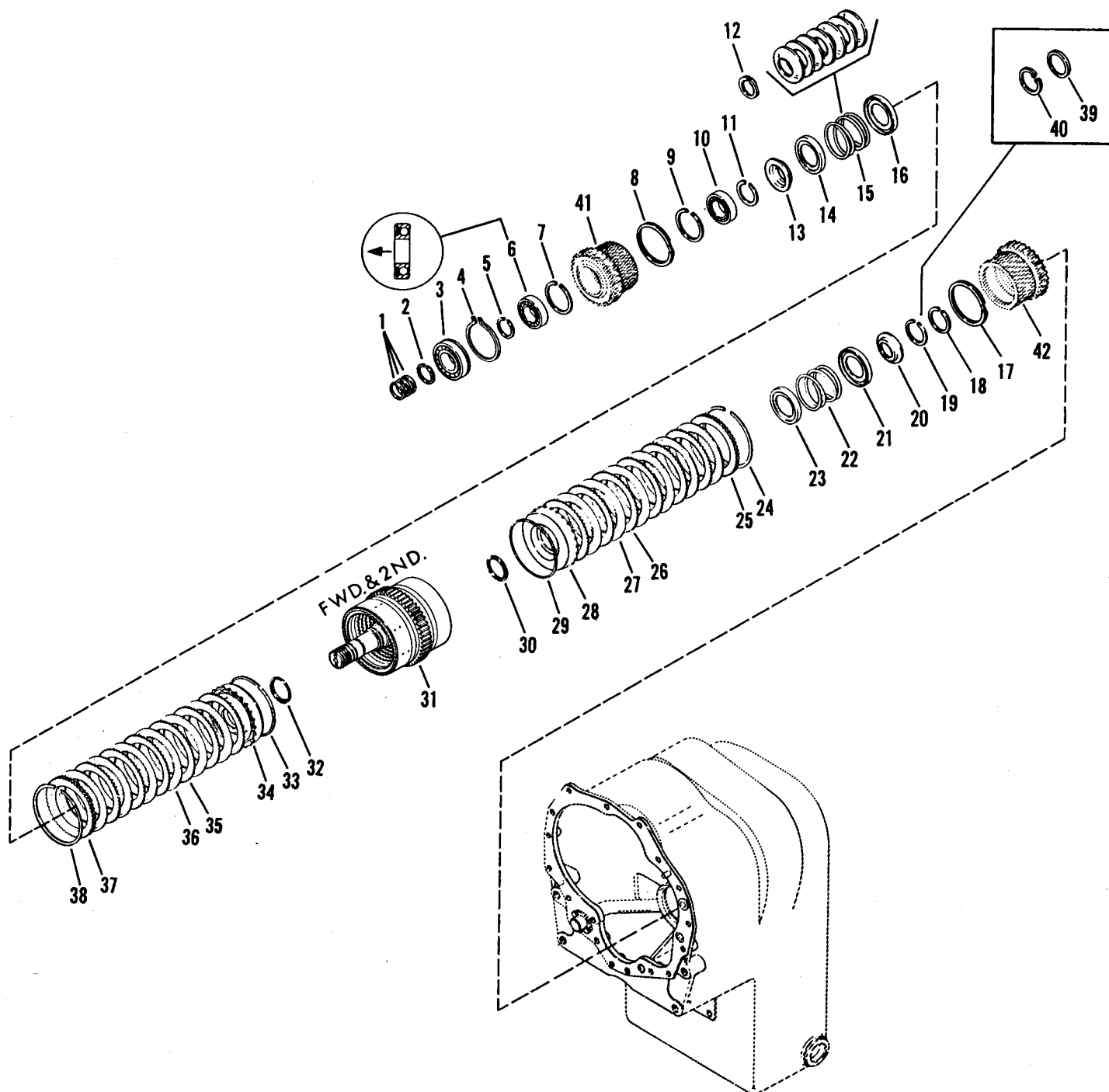
TRANSMISSION ASSEMBLY
- FORWARD & SECOND SHAFT GROUP

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. USED
1	8700217	FORWARD & 2ND SHAFT PISTON RING	3
2	8700218	FRONT BEARING RETAINER RING	1
3	8700220	FORWARD & 2ND SHAFT FRONT BEARING	1
4	8700219	FRONT BEARING LOCATING RING	1
5	8700218	FRONT BEARING RETAINER RING	1
6	8700221	CLUTCH DRIVEN GEAR BEARING-SHIELD OUT	1
7	8702181	SNAP RING	1
8	8702182	CLUTCH HUB OIL BAFFLE RING	1
9	8702181	SNAP RING	1
10	8700224	CLUTCH DRIVEN GEAR BEARING	1
11	8700239	SNAP RING	1
12		NOT USED ON THIS MODEL	
13	8702194	SNAP RING RETAINER	1
14	8702193	SPRING RETAINER	1
15	8702192	PISTON RETURN SPRING	1
16	8702191	SPRING RETAINER	1
17	8702182	CLUTCH HUB OIL BAFFLE RING	1
18	8700239	2ND GEAR RETAINER RING	1
19	8700239	SNAP RING	1
20	8702194	SNAP RING RETAINER	1
21	8702193	SPRING RETAINER	1
22	8702192	PISTON RETURN SPRING	1
23	8702191	SPRING RETAINER	1
24	8702183	END PLATE RETAINER RING	1
25	8702184	END PLATE	1
26	8702185	CLUTCH OUTER DISC	6

PAGE 1 OF 2

SWINGMASTER CORPORATION
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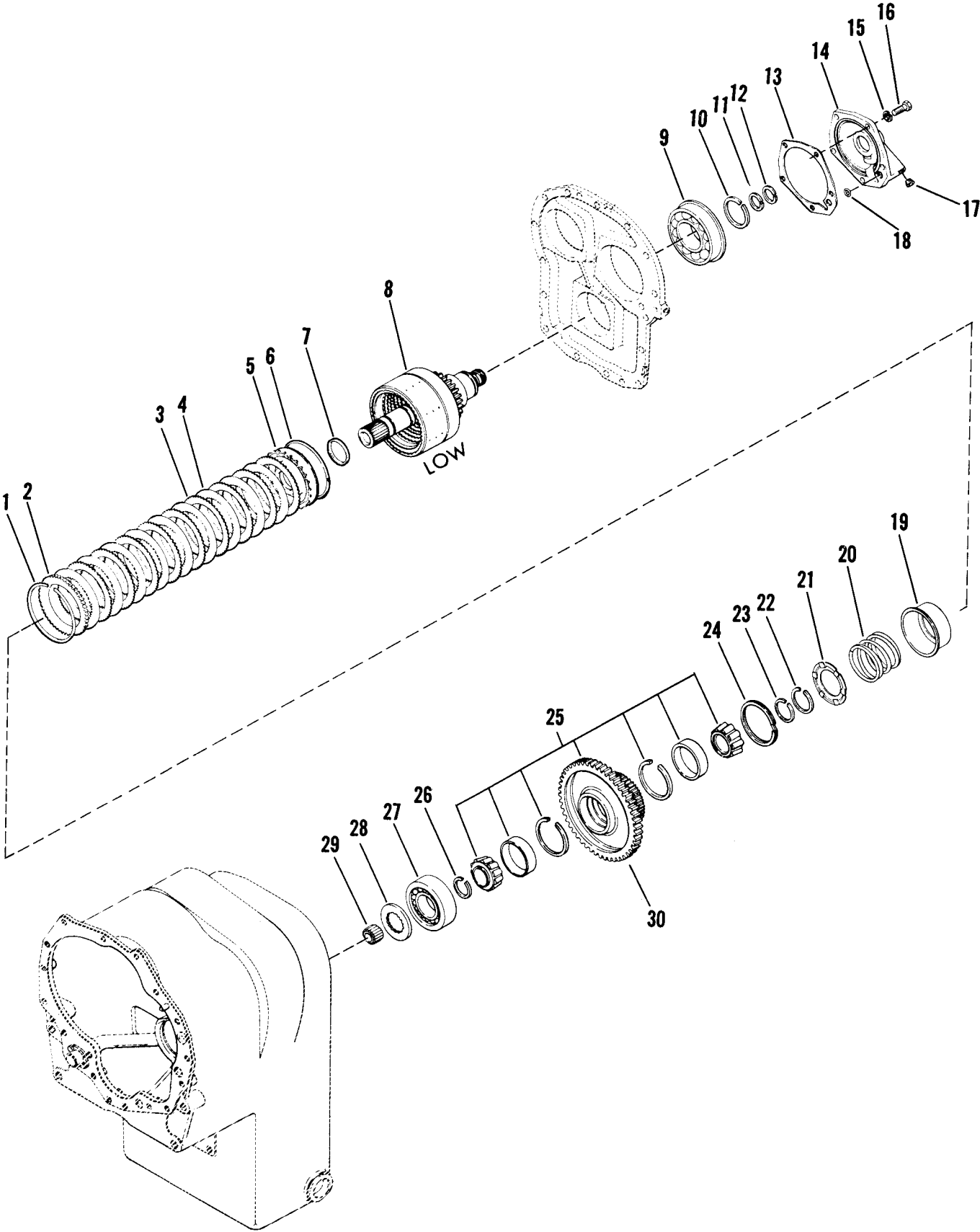
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MACHINE	SECTION	2
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MODEL 361 SWINGLOADER	DRIVE SYSTEM	
-----	-----	-----

ASSEMBLY NUMBER	DESCRIPTION
-----	-----
1802018	TRANSMISSION ASSEMBLY
-----	- FORWARD & SECOND SHAFT GROUP

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. USED
27	8702186	CLUTCH INNER DISC	6
28	8702187	CLUTCH PISTON ASSEMBLY	1
29	8702188	CLUTCH PISTON OUTER SEAL	1
30	8702189	CLUTCH PISTON INNER SEAL	1
31	8702205	FWD. & 2ND SHAFT, CLUTCH DRUM & PLUG ASSY	1
32	8702189	CLUTCH PISTON INNER SEAL	1
33	8702188	CLUTCH PISTON OUTER SEAL	1
34	8702187	CLUTCH PISTON ASSEMBLY	1
35	8702185	CLUTCH OUTER DISC	6
36	8702186	CLUTCH INNER DISC	6
37	8702184	END PLATE	1
38	8702183	RETAINER RING	1
39 & 40		NOT USED ON THIS MODEL	
41	8702204	FORWARD CLUTCH DRIVEN GEAR - 28 TEETH	1
42	8702206	2ND GEAR - 22 TEETH	1



SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION

2

MODEL 361 SWINGLOADER

DRIVE SYSTEM

ASSEMBLY

NUMBER

DESCRIPTION

1802018

TRANSMISSION ASSEMBLY
- LOW SPEED SHAFT GROUP

ITEM PART

NO. NUMBER DESCRIPTION

QTY.

USED

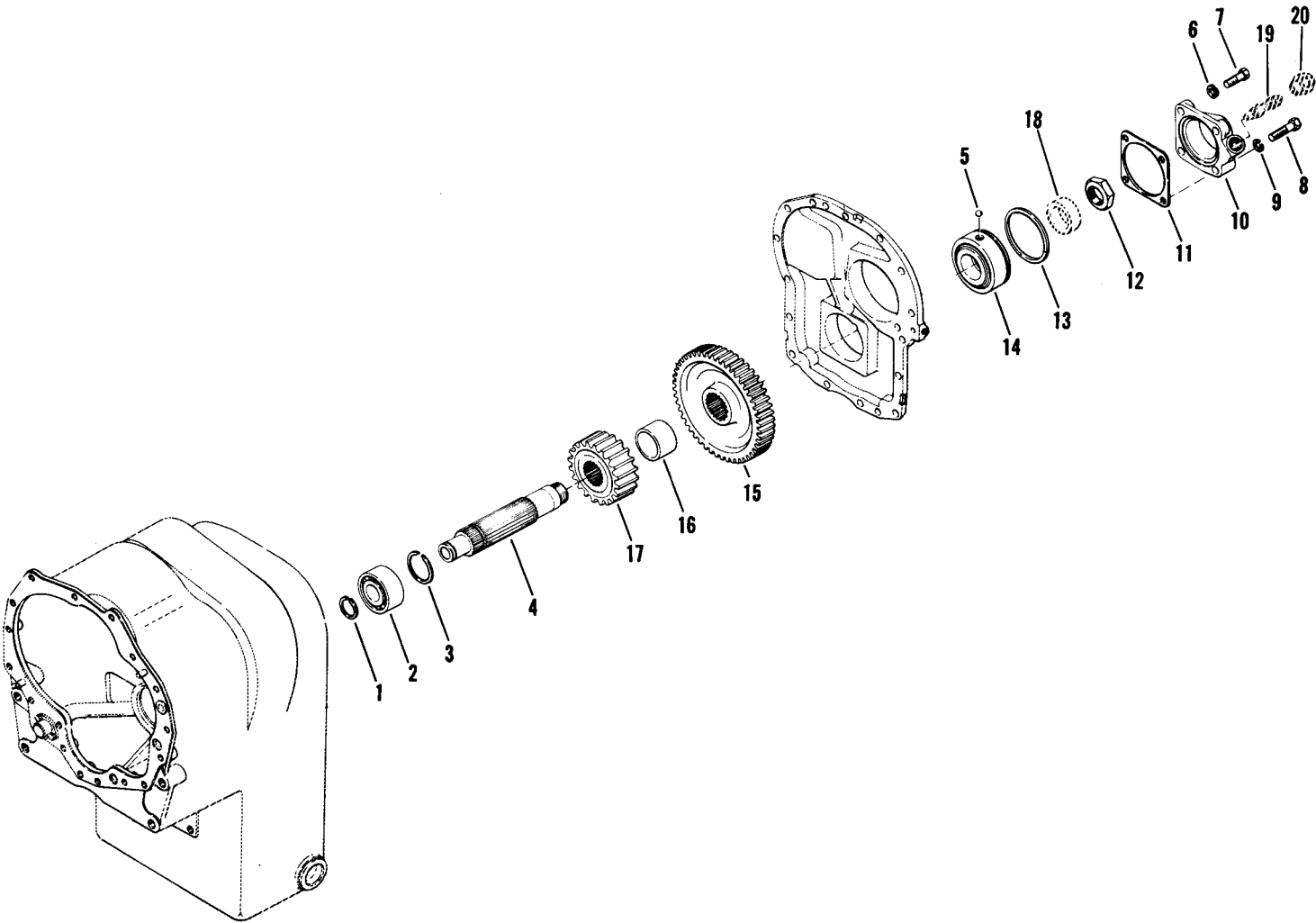
1	8702183	RETAINER RING	1
2	8702184	END PLATE	1
3	8702185	CLUTCH OUTER DISC	9
4	8702207	CLUTCH INNER DISC	9
5	8702187	CLUTCH PISTON ASSEMBLY	1
6	8702208	CLUTCH OUTER SEAL	1
7	8702189	CLUTCH INNER SEAL	1
8	8702209	LOW SPEED CLUTCH SHAFT, DRUM & PLUG ASSY.	1
9	8702210	REAR BEARING	1
10	8700170	RETAINER RING	1
11	8702211	CLUTCH SHAFT PISTON RING	1
12	8702211	CLUTCH SHAFT PISTON RING	1
13	8702212	GASKET	1
14	8702212	REAR BEARING CAP	1
15-16	8702214	CAP SCREW & LOCK WASHER	5
17	8700145	PLUG	1
18	8702216	O-RING	1
19	8702217	SPRING RETAINER	1
20	8702192	PISTON RETURN SPRING	1
21	8702219	SPRING & SNAP RING RETAINER	1
22	8700239	SPRING RETAINER SNAP RING	1
23	8702220	BEARING RETAINER RING	1
24	8702182	CLUTCH HUB OIL BAFFLE RING	1
25	8702221	LOW SPEED GEAR BEARING ASSEMBLY	1
26	8702222	RING KIT	1
27	8700094	2ND GEAR BEARING	1
28		NOT USED ON THIS MODEL	
29	8702224	LOW SPEED CLUTCH SHAFT PILOT BEARING	1
30	8702225	LOW SPEED GEAR	1

SWINGMASTER CORPORATION

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SWINGMASTER CORPORATION

PARTS BOOK

MACHINE	SECTION	2
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MODEL 361 SWINGLOADER	DRIVE SYSTEM	
-----	-----	-----

ASSEMBLY
NUMBER

DESCRIPTION

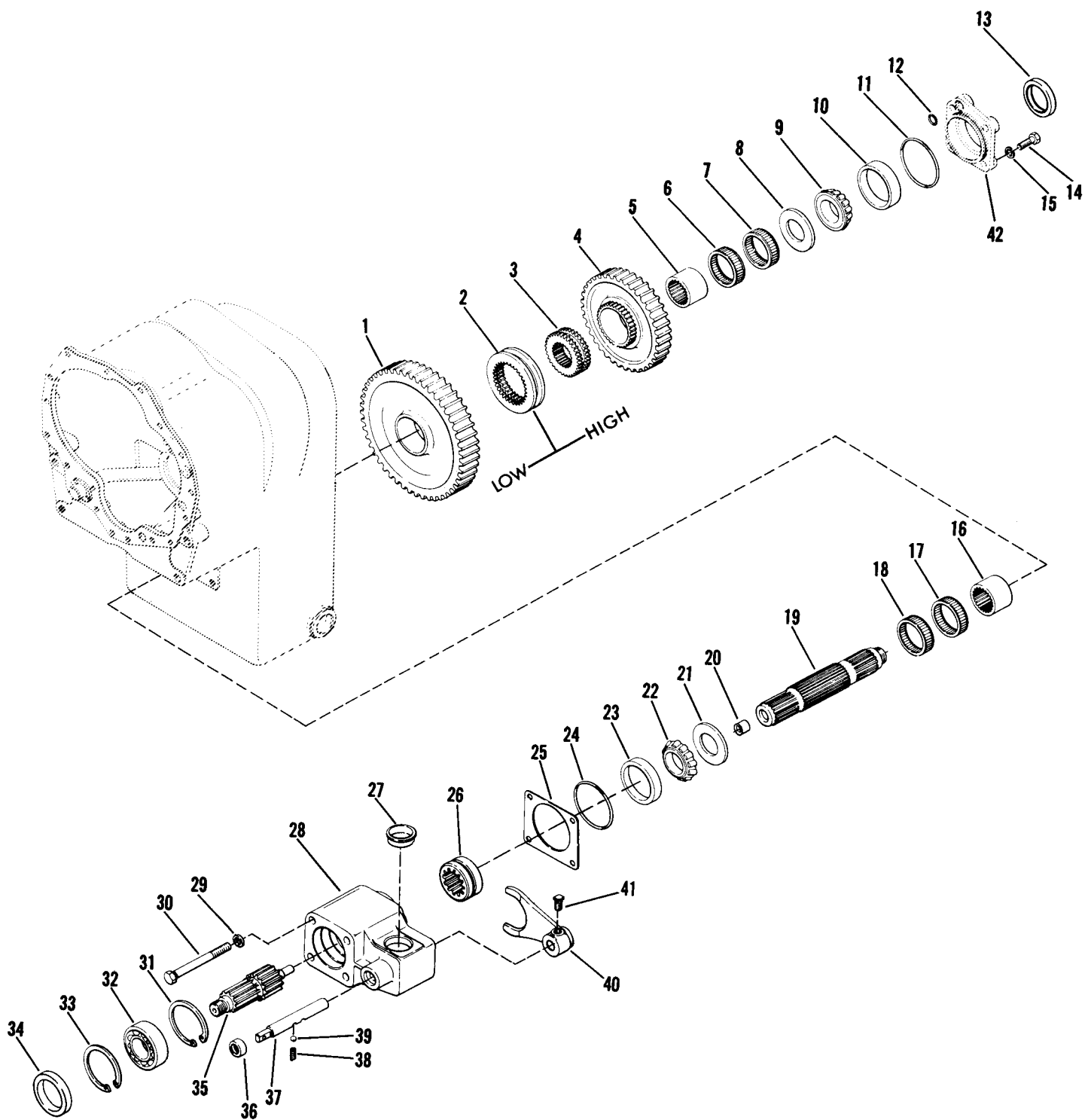
1802018

TRANSMISSION ASSEMBLY
- IDLER SHAFT GROUP

ITEM PART		QTY.
NO. NUMBER DESCRIPTION		USED
1	8700218 RETAINING RING	1
2	8702227 FRONT BEARING	1
3	8702228 GEAR LOCATING RING	1
4	8702229 IDLER SHAFT	1
5	8702230 REAR BEARING LOCK BALL	1
6	8700344 LOCK WASHER	3
7	8700386 IDLER SHAFT BEARING CAP SCREW	3
8	8702233 IDLER SHAFT BEARING CAP SCREW	1
9	8700344 LOCK WASHER	1
10	8702234 IDLER SHAFT BEARING CAP	1
11	8702235 GASKET	1
12	8702236 NUT	1
13	8702237 LOCATING RING	1
14	8702238 REAR BEARING	1
15	8722239 IDLER SHAFT GEAR	1
16	8702240 SPACER	1
17	8702241 LOW RANGE GEAR	1
18	8702242 IDLE SHAFT REAR BEARING SPACER	1
19	8702243 SPEEDOMETER GEAR HOLE PLUG	1
20	NOT USED WITH THIS MODEL	

SWINGMASTER CORPORATION
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SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION

2

MODEL 361 SWINGLOADER

DRIVE SYSTEM

ASSEMBLY
NUMBER

DESCRIPTION

1802018

TRANSMISSION ASSEMBLY
- OUTPUT SHAFT GROUP

ITEM PART

NO. NUMBER DESCRIPTION

QTY.
USED

1	8702244	LOW RANGE GEAR - 50 TEETH	1
2	8702245	SHIFT HUB	1
3	8702246	SLEEVE	1
4	8702247	HIGH RANGE GEAR - 48 TEETH	1
5	8702248	INNER RACE	1
6	8702249	BEARING	1
7	8702249	BEARING	1
8	8702250	THRUST WASHER	1
9	8702251	REAR BEARING CONE	1
10	8702252	REAR BEARING CUP	1
11	8702253	O-RING	1
12	8702254	O-RING	1
13	8702255	OIL SEAL	1
14	8702256	SCREW	4
15	8700344	LOCK WASHER	4
16	8702248	INNER RACE	1
17	8702249	OUTPUT GEAR BEARING	1
18	8702249	OUTPUT GEAR BEARING	1
19	8702257	OUTPUT SHAFT & BUSHING ASSY - INCLUDES 20	1
20	8700352	OUTPUT SHAFT BUSHING	1
21	8702250	OUTPUT GEAR THRUST WASHER	1
22	8702258	FRONT BEARING CONE	1
23	8702259	FRONT BEARING CUP	1
24	8702260	O-RING	1
25	8702261	SHIM (0.004")	AR
25A	8702262	SHIM (0.007")	AR

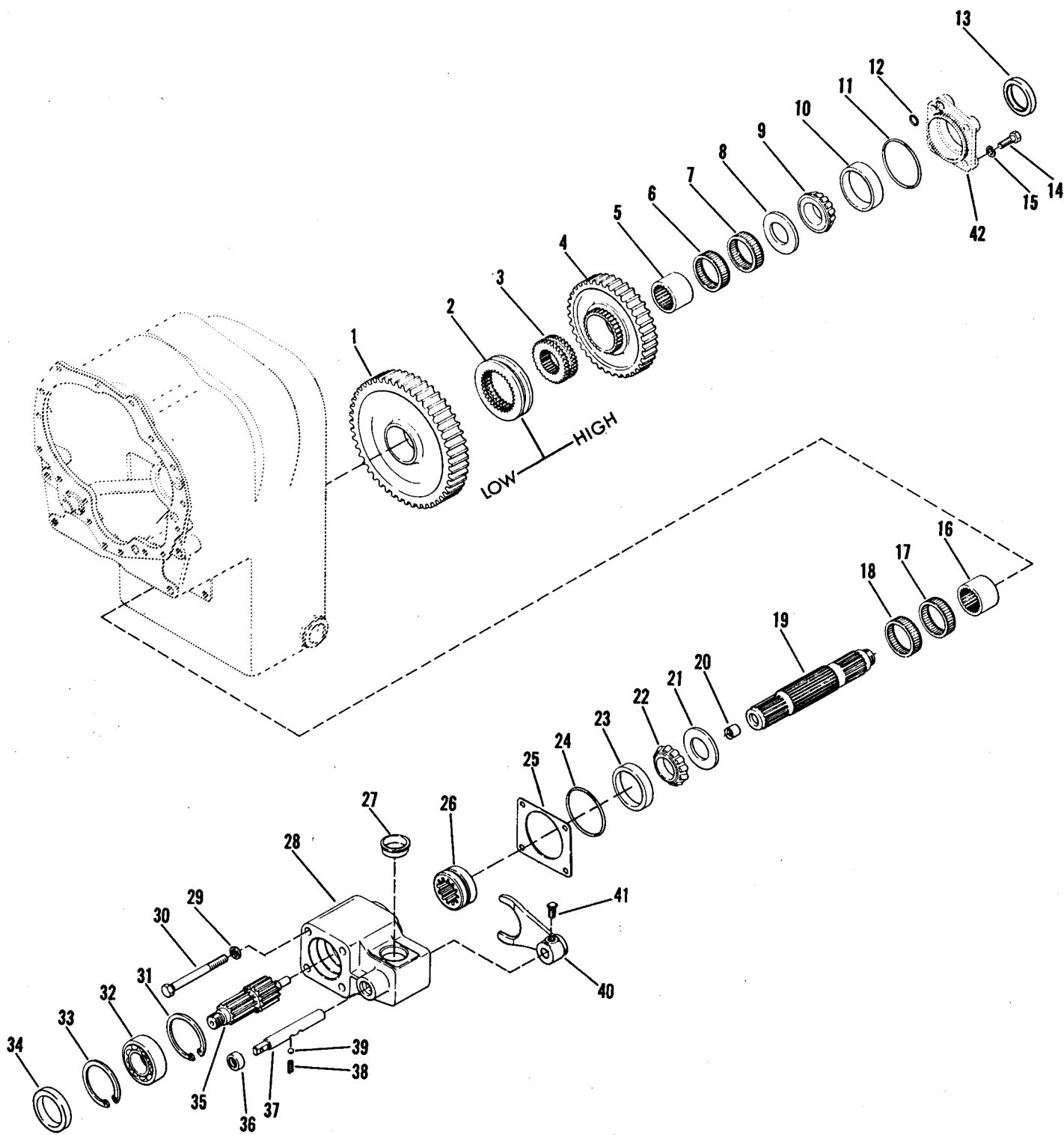
PAGE 1 OF 2

SWINGMASTER CORPORATION

11415 MELROSE AVENUE

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MACHINE	SECTION	2
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MODEL 361 SWINGLOADER	DRIVE SYSTEM	
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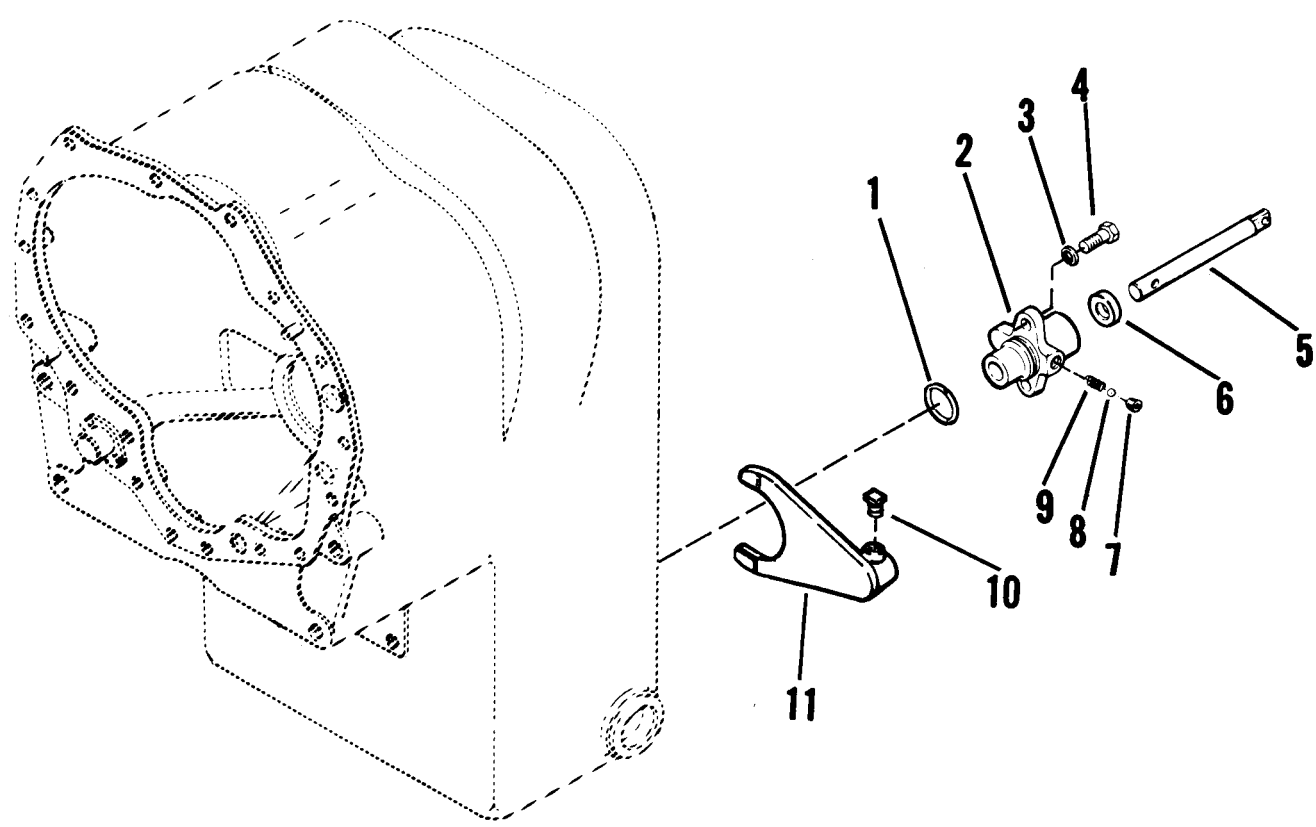
ASSEMBLY
NUMBER

DESCRIPTION

1802018

TRANSMISSION ASSEMBLY
- OUTPUT SHAFT GROUP

ITEM	PART		QTY.
NO.	NUMBER	DESCRIPTION	USED
25B	8702263	SHIM (0.010")	AR
25C	8702264	SHIM (0.020")	AR
26	8702265	SHIFT HUB	1
27	8700330	PLUG	1
28	8702266	DISCONNECT HOUSING	1
29	8700344	LOCK WASHER	4
30	8702267	CAP SCREW	4
31	8702268	RETAINER RING	1
32	8702119	BEARING	1
33	8702268	RETAINER RING	1
34	8702271	OIL SEAL	1
35	8702272	DISCONNECT SHAFT	1
36	8700368	OIL SEAL	1
37	8702273	SHIFT RAIL	1
38	8700340	DETENT SPRING	1
39	8700339	DETENT BALL	1
40	8702274	SHIFT FORK	1
41	8700336	LOCK SCREW	1
42	8702275	OUTPUT SHAFT REAR BEARING CAP	1



SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION

2

MODEL 361 SWINGLOADER

DRIVE SYSTEM

ASSEMBLY
NUMBER

DESCRIPTION

1802018

TRANSMISSION ASSEMBLY

- HIGH & LOW RANGE SHIFT CONTROL GROUP

ITEM PART

NO. NUMBER DESCRIPTION

QTY.
USED

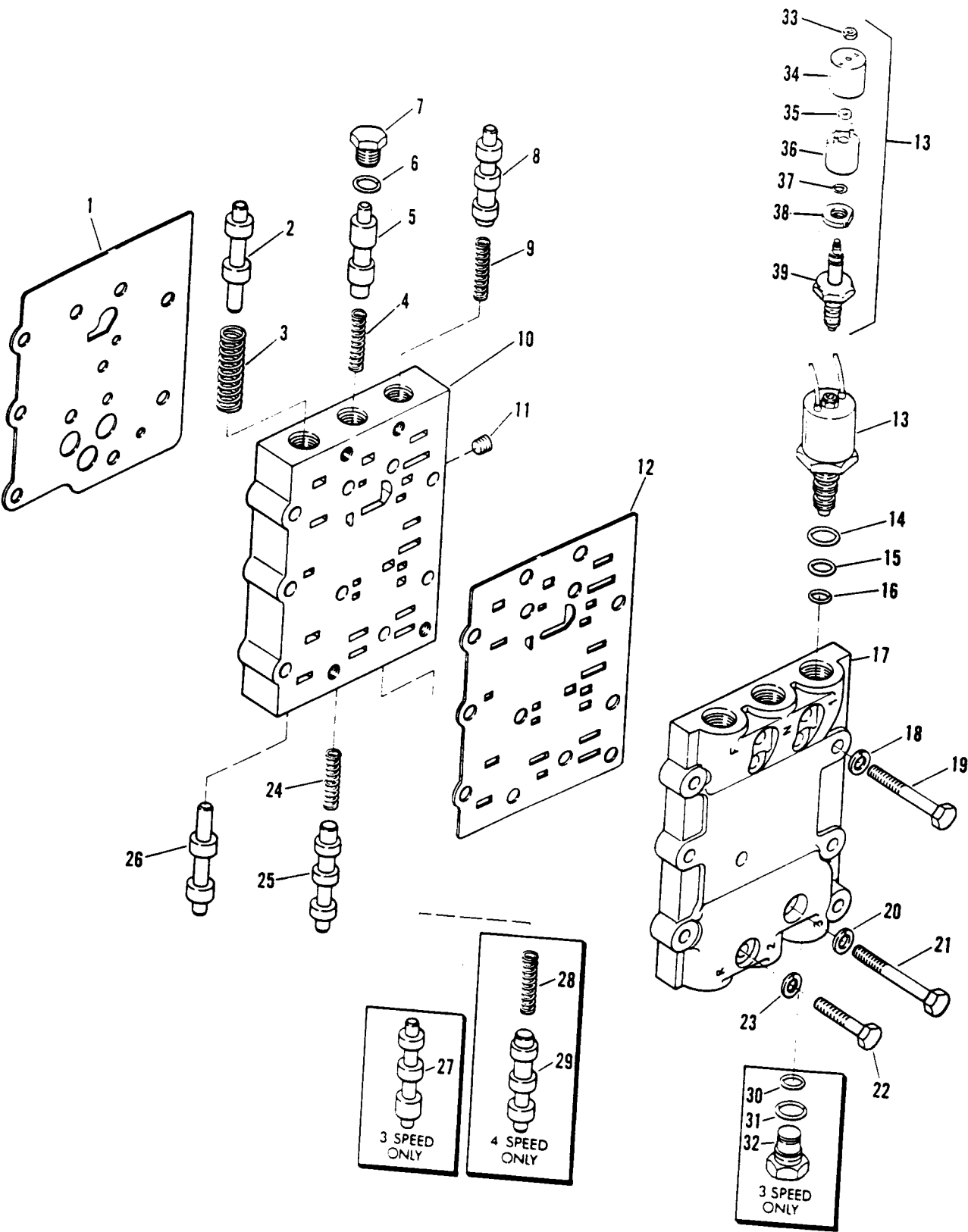
1	8700067	0-RING	1
2	8700365	RANGE SHIFT RAIL SUPPORT	1
3		PART OF ITEM 4	
4	8702214	SCREW & LOCK WASHER	2
5	8702277	RANGE SHIFT RAIL	1
6	8700368	OIL SEAL	1
7	8700137	DETENT PLUG	1
8	8700339	DETENT BALL	1
9	8700340	DETENT SPRING	1
10	8700336	SHIFT FORK LOCK SCREW	1
11	8702278	HIGH & LOW RANGE SHIFT FORK	1

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MACHINE	SECTION	2
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MODEL 361 SWINGLOADER	DRIVE SYSTEM	
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ASSEMBLY
NUMBER-----
1802018

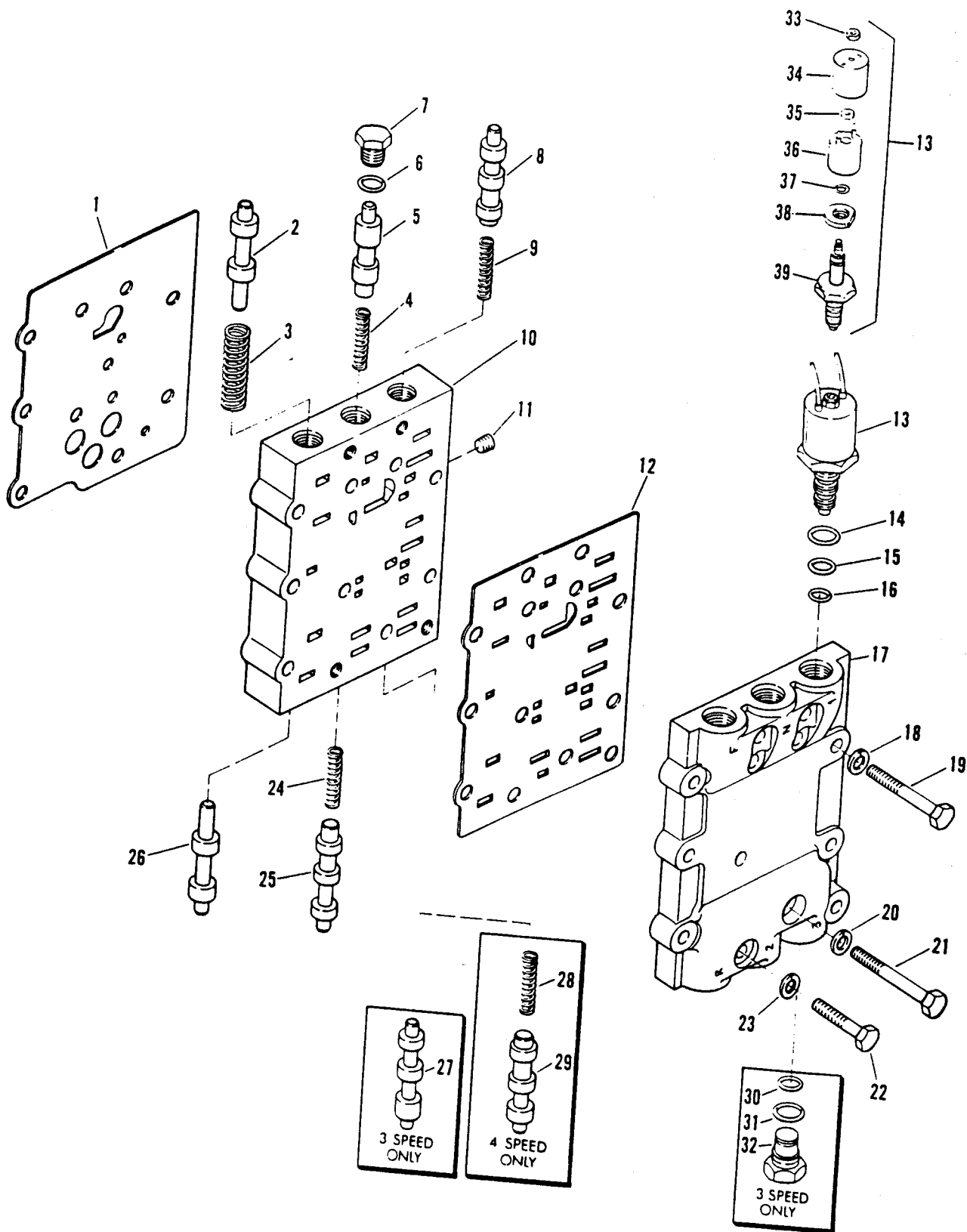
DESCRIPTION

TRANSMISSION ASSEMBLY
- SOLENOID CONTROL VALVE ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. USED
1	8702279	HOUSING GASKET	1
2	8702280	FORWARD SPOOL	1
3	8702281	FORWARD & REVERSE SPOOL SPRING	1
4	8702282	RANGE SPOOL SPRING	1
5	8702283	RANGE SPOOL (W/NEUTRAL)	1
6	8702284	0-RING	6
7	8702285	VALVE SPOOL STOP PLUG -	ITEM 6 6
8	8702286	LOW SPEED SPOOL	1
9	8702282	SPRING	1
10	8702287	CONTROL VALVE ASSEMBLY INCLUDES ITEMS 2-11,24-29	1
11	8700145	PIPE PLUG	1
12	8702288	HOUSING GASKET	1
13	8701927	SOLENOID (12 VOLT) INCLUDES ITEMS 33-39	5
14	8702284	0-RING	5
15	8702289	0-RING	5
16	8702290	0-RING	5
17	8702291	SOLENOID CONTROL HOUSING	1
18	8700060	LOCK WASHER	5
19	8702292	CAP SCREW	5
20	8700060	LOCK WASHER	4
21	8702293	CAP SCREW	4
22	8700061	CAP SCREW	4
23	8700060	LOCK WASHER	4
24	8702282	SPRING	1

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SWINGMASTER CORPORATION

PARTS BOOK

MACHINE	SECTION	2
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MODEL 361 SWINGLOADER	DRIVE SYSTEM	
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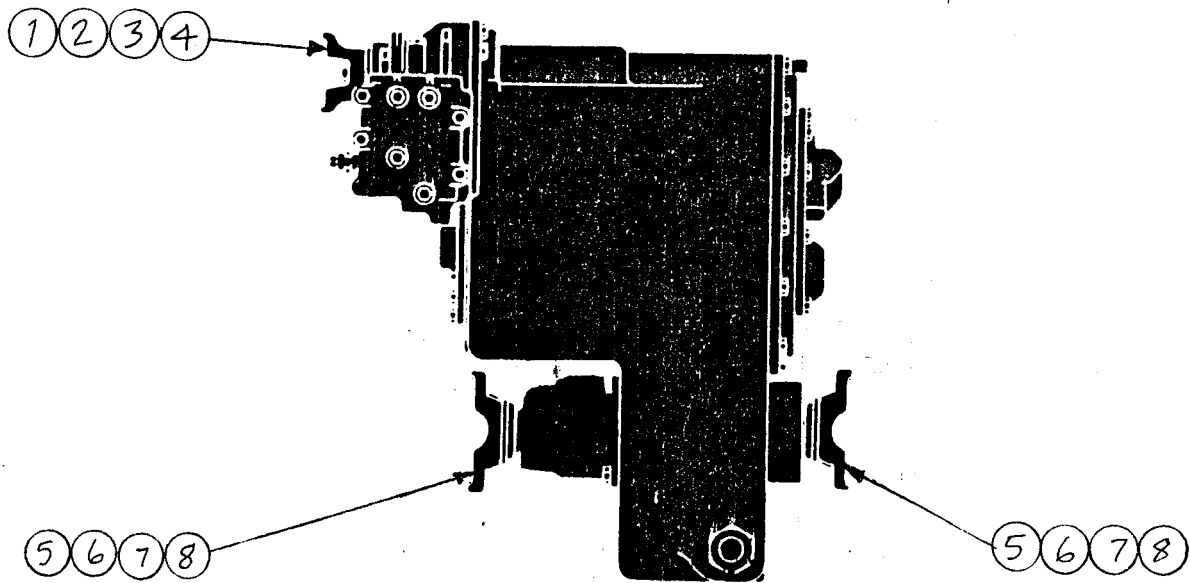
ASSEMBLY	-----
NUMBER	DESCRIPTION
-----	-----
1802018	TRANSMISSION ASSEMBLY
-----	- SOLENOID CONTROL VALVE ASSEMBLY

ITEM PART			QTY.
NO. NUMBER DESCRIPTION			USED
-----	-----	-----	-----
25	8702294	2ND SPEED SPOOL	1
26	8702280	REVERSE SPOOL	1
27	8702295	SPEED SELECTOR SPOOL	1
28 & 29		NOT USED ON THIS MODEL	
30	8702289	0-RING	1
31	8702284	0-RING	1
32	8702296	SOLENOID PLUG	1
33	8702297	STOP NUT	5
34	8702300	COIL COVER	5
35	8702299	WASHER	5
36	8702298	COIL	5
37	8702290	0-RING	5
38	8702302	WASHER	5
39	8703533	CARTRIDGE ASSEMBLY - INCLUDES ITEMS 14-16	5
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PAGE 2 OF 2

SWINGMASTER CORPORATION
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SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION

2

MODEL 361 SWINGLOADER

DRIVE SYSTEM

ASSEMBLY
NUMBER

DESCRIPTION

1802018

TRANSMISSION ASSEMBLY
- DRIVE FLANGE

ITEM PART

NO. NUMBER DESCRIPTION

QTY.
USED

1	8700068	INPUT FLANGE
2	8700065	NUT
3	8700066	WASHER
4	8700067	O-RING
5	8702303	OUTPUT FLANGE
6	8702304	NUT
7	8702305	WASHER
8	8702306	O-RING

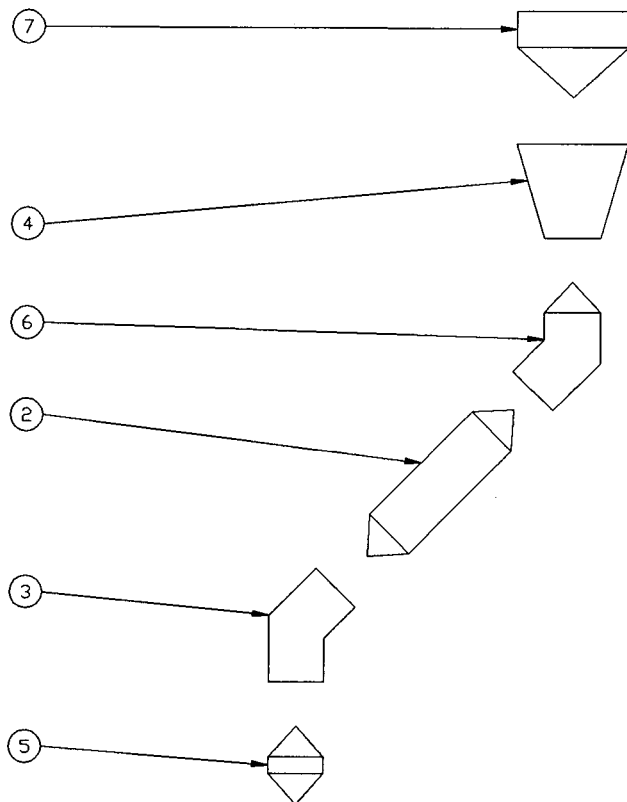
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1
1
1
2
2
2
2

SWINGMASTER CORPORATION

11415 MELROSE AVENUE

FRANKLIN PARK, ILLINOIS 60131

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1 INSTALLATION

TRANSMISSION

TOLERANCES		SWINGMASTER CORPORATION	
UNLESS OTHERWISE SPECIFIED FRACTIONS +/- 3 PLACE DECIMALS +/- 2 PLACE DECIMALS +/- 1 PLACE DECIMALS +/- ANGLES		11415 MELROSE AVENUE FRANKLIN PARK, ILLINOIS 60131	
SEE SWINGMASTER SPECIFICATION G-1 FOR TOLERANCES NOT SPECIFIED		TRANSMISSION OIL FILLER INSTALLATION	
DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING SCALE: NONE		MODEL 361	
		DRAWN BY: R.O.	DRAWING NO.
		DATE: 8-9-89	H-219

SWINGMASTER CORPORATION
PARTS BOOK

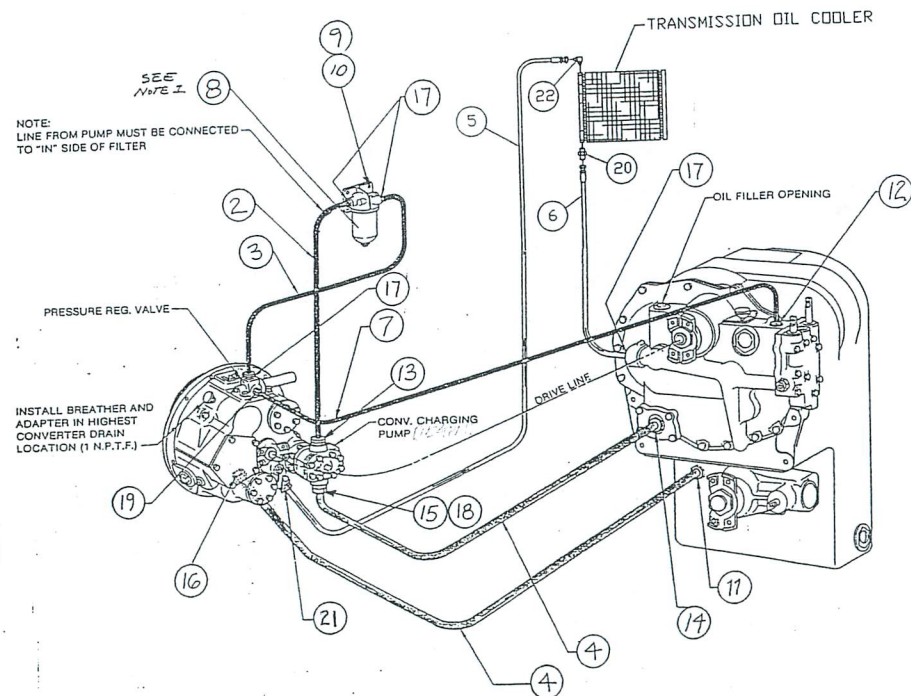
MACHINE	SECTION	2
-----	-----	-----
MODEL 361 SWINGLOADER	DRIVE SYSTEM	
-----	-----	-----

ASSEMBLY	DESCRIPTION
NUMBER	-----

1802882	TRANSMISSION OIL FILLER INSTALLATION
-----	-----

ITEM PART			QTY.
NO. NUMBER DESCRIPTION			USED
2	1802883	1" DIAMETER X 8" LONG STEEL PIPE	1.00
3	1802884	45 DEGREE ELBOW - 1" DIAMETER	1.00
4	1802885	PIPE COUPLING - 1" TO 2"	1.00
5	1802886	1" DIAMETER CLOSE PIPE NIPPLE	1.00
6	1802887	45 DEGREE STREET ELBOW - 1" DIAMETER	1.00
7	1802888	2" DIAMETER PIPE CAP WELDMENT	1.00

SWINGMASTER CORPORATION
11415 MELROSE AVENUE
FRANKLIN PARK, ILLINOIS 60131
TELEPHONE: (847) 451-1224



1 INSTALLATION

TOLERANCES

UNLESS OTHERWISE SPECIFIED
FRACTIONS $\pm$
3 PLACE DECIMALS $\pm$
2 PLACE DECIMALS $\pm$
1 PLACE DECIMALS $\pm$
ANGLES

SEE SWINGMASTER SPECIFICATION
G-1 FOR TOLERANCES NOT SPECIFIED

DIMENSIONS ARE IN INCHES
DO NOT SCALE DRAWING
SCALE: NONE

SWINGMASTER CORPORATION

11415 MELROSE AVENUE
FRANKLIN PARK, ILLINOIS 60131

TRANSMISSION - TORQUE CONVERTER

LINES & FITTINGS INSTALLATION

DRAWN BY: J.K.

DATE: 7-15-01

DRAWING NO.

H4-179

MACHINE

SECTION

2

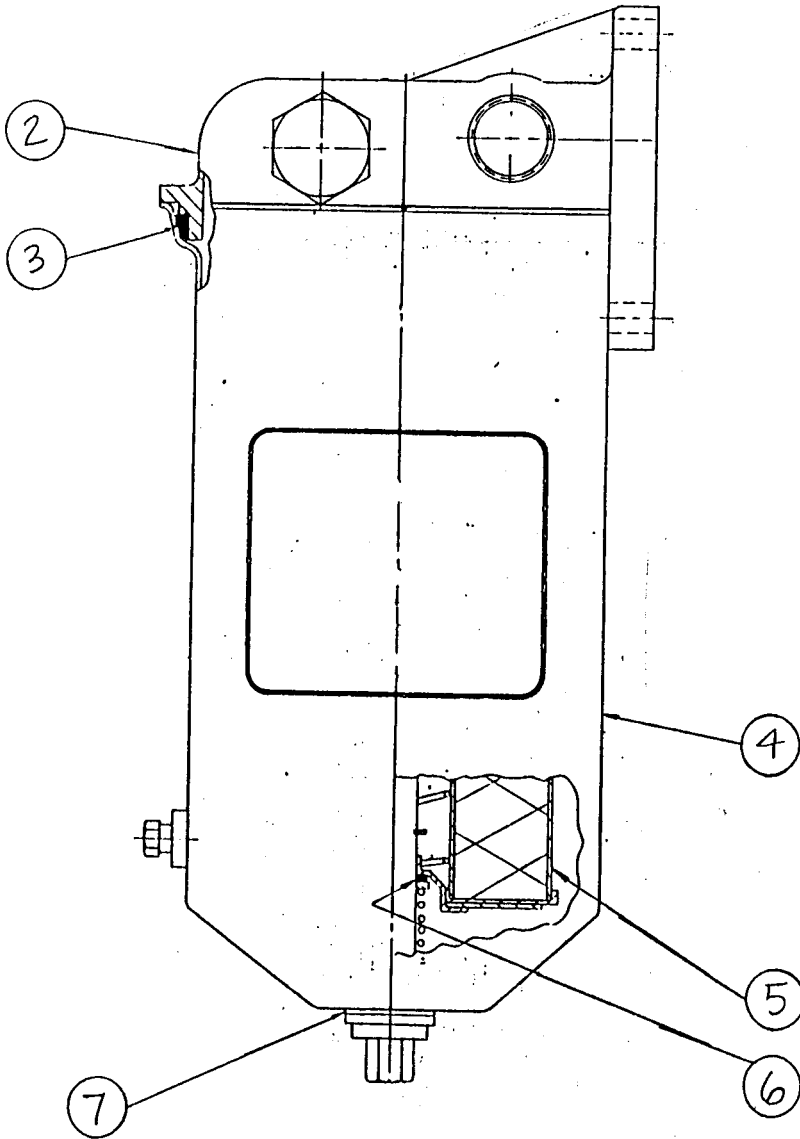
MODEL 361 SWINGLOADER

DRIVE SYSTEM

ASSEMBLY NUMBER		DESCRIPTION	
1806680		TRANS./ TORQUE CONVERTER LINES & FITTINGS	
ITEM NO.	PART NUMBER	DESCRIPTION	QTY USED
2	1802822	HOSE ASSEMBLY 1503-12	1
3	1802520	HOSE ASSEMBLY 1503-12	1
4	1802323	HOSE ASSEMBLY 1503-16	2
5	1805742	HOSE ASSEMBLY	1
6	1805743	HOSE ASSEMBLY	1
7	1802523	HOSE ASSEMBLY 1503-8	1
8	1802524	TRANSMISSION OIL FILTER	1
10	1800568	3/8" LOCK WASHER	4
11	1800760	STRAIGHT MALE 1 PIPE TO 1 TUBE	1
12	1800765	STRAIGHT MALE 1/2 O-RING TO 1/2 TUBE	1
13	1802346	STRAIGHT MALE 1 O-RING TO 3/4 TUBE	1
14	1800774	STRAIGHT MALE 1 O-RING TO 1 TUBE	1
15	1802525	STRAIGHT MALE 1 1/4 O-RING TO 1 TUBE	1
16	1800791	90 DEG MALE ELBOW 1 PIPE TP 1 TUBE	1
17	1800801	90 DEG MALE ELBOW 3/4 O-RING TO 3/4 TUBE	4
18	1800856	45 DEG TUBE ELBOW 1 M TO 1 F SWIVEL	1
19	1801034	45 DEG MALE ELBOW 1/2 TUBE TO 1/2 O-RING	1
20	1804959	CONNECTOR	1
21	1800770	STRAIGHT MALE 3/4 O-RING TO 3/4 TUBE	1
22	1800790	90 DEG MALE ELBOW 1 PIPE TO 3/4 TUBE	1

SWINGMASTER CORPORATION
11415 MELROSE AVENUE
FRANKLIN PARK, ILLINOIS 60131

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① ASSEMBLY

SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION

2

MODEL 361 SWINGLOADER

DRIVE SYSTEM

ASSEMBLY
NUMBER

DESCRIPTION

1802524

TRANSMISSION OIL FILTER ASSEMBLY

ITEM PART

QTY.

NO. NUMBER DESCRIPTION

USED

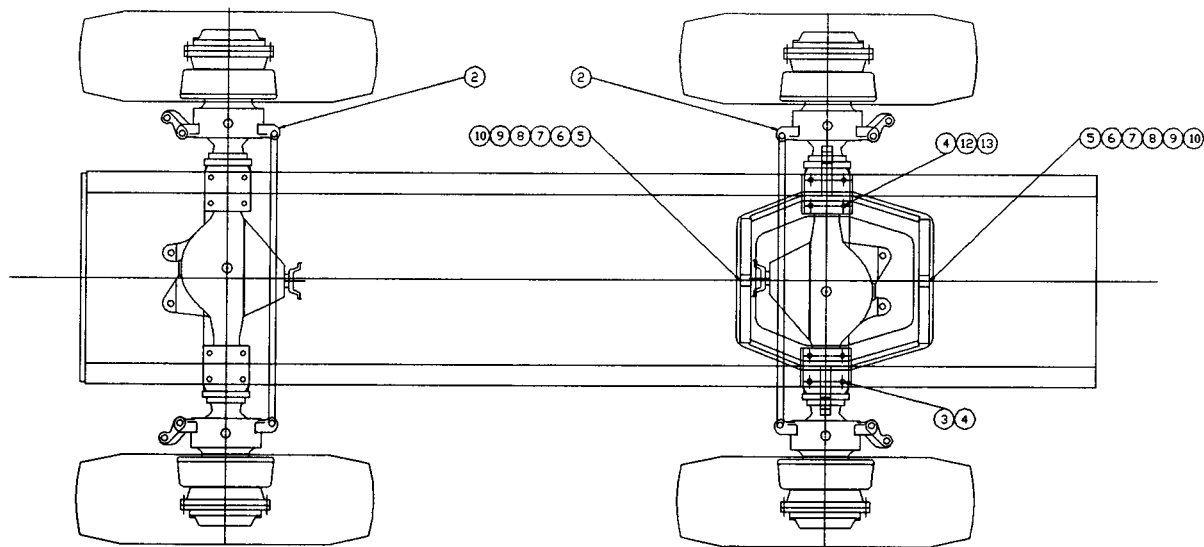
2	8701990	FILTER HEAD & BY-PASS VALVE ASSEMBLY	1
3	8701991	FILTER CAN SEALING RING	1
4	8701992	FILTER CAN ASSEMBLY INCLUDES ITEMS 6 & 7	
5	8701993	FILTER ELEMENT	1
6	8701994	BOLT SEAL GASKET	1
7	8701995	SEALING WASHER	1

SWINGMASTER CORPORATION

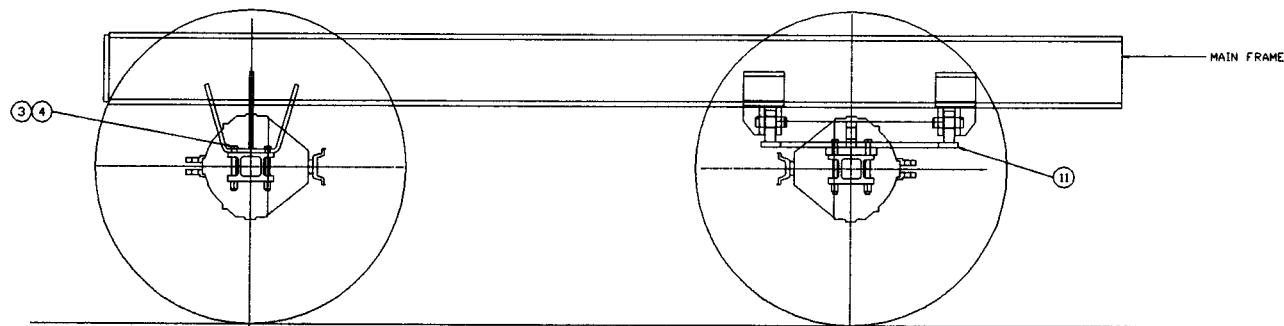
11415 MELROSE AVENUE

FRANKLIN PARK, ILLINOIS 60131

TELEPHONE: (847) 451-1224



← FRONT OF MACHINE



MAIN FRAME

① INSTALLATION

REVISION	DATE
2	11-13-90

TOLERANCES		SWINGMASTER CORPORATION	
UNLESS OTHERWISE SPECIFIED		11415 MELROSE AVENUE	
FRACTIONS +/-		FRANKLIN PARK, ILLINOIS 60131	
3 PLACE DECIMALS +/-		AXLE INSTALLATION	
2 PLACE DECIMALS +/-		MODEL 361	
1 PLACE DECIMALS +/-		DRAWN BY: R.O.	
ANGLES		DATE: 00-00-00	
SEE SWINGMASTER SPECIFICATION		DRAWING NO.	
G-1 FOR TOLERANCES NOT SPECIFIED		D-178	
DIMENSIONS ARE IN INCHES			
DO NOT SCALE DRAWING			
SCALE: 1=12			

SWINGMASTER CORPORATION
PARTS BOOK

MACHINE	SECTION	2
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MODEL 361 SWINGLOADER	DRIVE SYSTEM	
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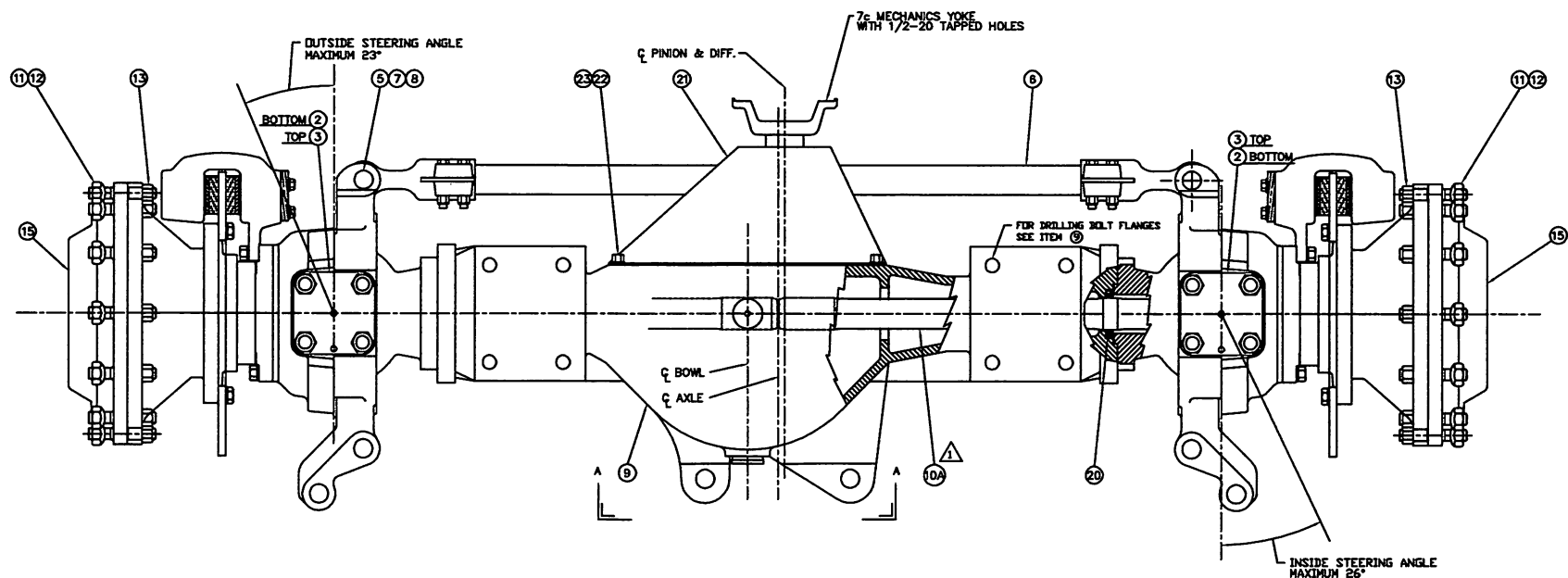
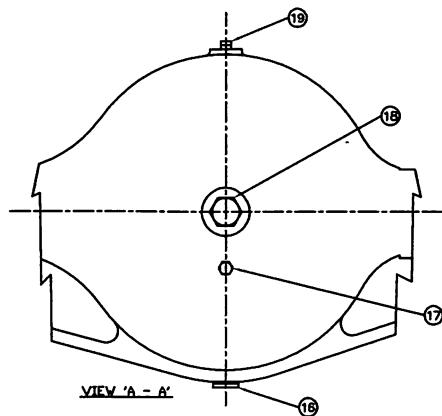
ASSEMBLY NUMBER	DESCRIPTION
-----	-----
1802013	AXLE INSTALLATION
-----	-----

ITEM PART	QTY.
NO. NUMBER DESCRIPTION	USED
-----	-----

2	FOR MACHINE SERIAL NUMBER 91361L0007 TO CURRENT		
	1804510	AXLE ASSEMBLY - DB-102	2
3	1800429	H.H.C.S. 7/8-14 X 8 1/2" LONG	12
4	1800536	LOCK NUT 7/8-14	16
5	1800662	90 DEG 1/8" PIPE-M GREASE FITTING	2
6	1800325	SHAFT LOCK PLATE	2
7	1800452	H.H.C.S. 3/8-16 X 1" LONG	4
8	1800568	3/8" LOCK WASHER	4
9	1802015	2.00" DIA. PIN X 5 7/8" LONG	2
10	1802012	2.00" I.D. STEEL BUSHING	2
11	1802016	AXLE CRADLE	1
12	1801148	H.H.C.S. 7/8-14 X 10" LONG	4
13	1800560	7/8" FLAT WASHER	4

SWINGMASTER CORPORATION
11415 MELROSE AVENUE
FRANKLIN PARK, ILLINOIS 60131

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① ASSEMBLY

RATIOS	
CARRIER	5.57
PLANET	3.00
TOTAL	16.71

RECOMMENDED LUBRICANTS, (SPEC. MIL-L-2105-C).
QUANTITY: 10.5 QUARTS IN DIFFERENTIAL BOWL.
ABOVE 0° F. GEAR LUBE 85W-140
-40° TO +50° F. GEAR LUBE 80W-140
BELOW -40° F. GEAR LUBE 75W
ITEM (10A) CONVERTS FROM 2007 SERIAL NUMBER.

TOLERANCES		SWINGMASTER CORPORATION	
UNLESS OTHERWISE SPECIFIED		11415 MELROSE AVENUE	
FRACTIONS +/-		FRANKLIN PARK, ILLINOIS 60131	
3 PLACE DECIMALS +/-		AXLE ASSEMBLY	
2 PLACE DECIMALS +/-		MODEL DB-102 AXLE	
1 PLACE DECIMALS +/-		MODEL 361 & 182	
ANGLES		DRAWN BY: J.K.	DRAWING NO.
SEE SWINGMASTER SPECIFICATION		DATE: 2-19-97	D4-52
0-1 FOR TOLERANCES NOT SPECIFIED		DIMENSIONS ARE IN INCHES	
DO NOT SCALE DRAWING		SCALE: 1"=1'	

REV	DATE	DESCRIPTION	ENG. NO.	BY
1	2-9-07	ITEM (10A) REPLACE FOR (10)	2007001	J.K.

MACHINE

SECTION

2

MODEL 361 SWINGLOADER

DRIVE SYSTEM

ASSEMBLY
NUMBER

DESCRIPTION

1805755

AXLE ASSEMBLY - MODEL DB-102

ITEM PART

NO. NUMBER DESCRIPTION

QTY.

USED

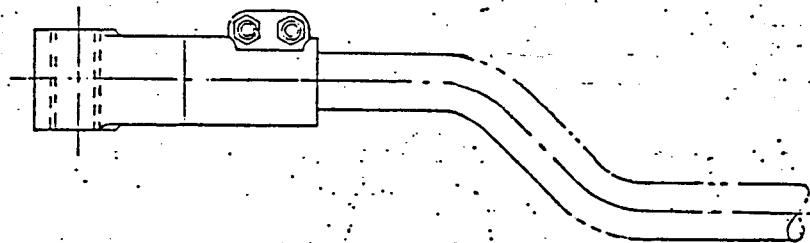
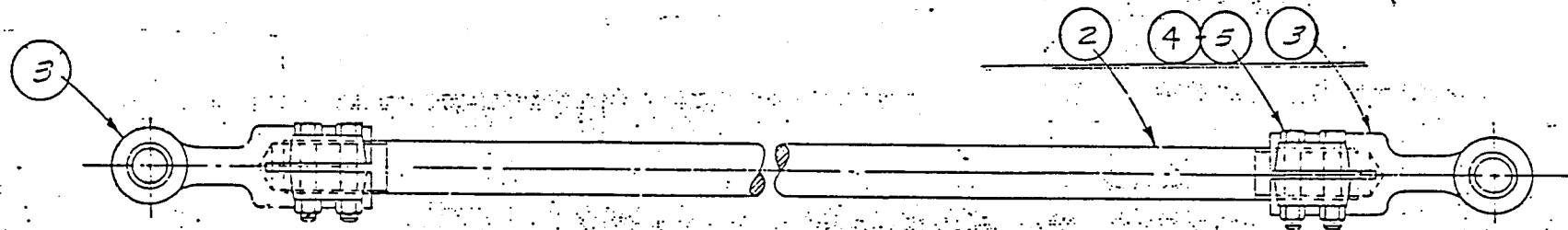
002	1800002	BEARING CAP (STEERING AXLE)	2.00
003	1800003	BEARING CAP (STEERING AXLE)	2.00
005	1800005	PIN	2.00
006	1800006	STEERING TIE ROD ASSEMBLY	1.00
007	1800007	COTTER PIN 1/4 X 2" LONG	2.00
008	1800663	STRAIGHT 1/8" MALE-PIPE GREASE FITTING	2.00
009	1802433	RIBBED AXLE HOUSING WITH CYLINDER LUGS	1.00
10A	1806678	AXLE U-JOINT SHAFT - 361	2.00
010	1800195	AXLE SHAFT	0.00
10A	1806678	AXLE U-JOINT SHAFT - 361	2.00
011	1800011	WHEEL MOUNTING STUD R/H	24.00
012	1800012	CAP NUT 3/4 - 16	24.00
013	1800535	GRIPCO HEX NUT 3/4-16	24.00
015	1805756	AXLE PLANETARY END ASSEMBLY	2.00
016	1800016	1" PIPE PLUG-SOCKET HEAD	1.00
017	1800017	1/2" PIPE PLUG-HEX HEAD	1.00
018	1800018	1 1/4" PIPE PLUG-HEX HEAD	1.00
019	1800019	1/8" PIPE-M RELIEF FITTING 1MIN-5MAX	1.00
020	1804359	OIL SEAL	2.00
021	1804349	DIFFERENTIAL ASSEMBLY	1.00
022	1800022	5/8" LOCK WASHER	20.00
023	1800023	H.H.C.S. 5/8-11 X 1 3/4" LONG	12.00

SWINGMASTER CORPORATION

11415 MELROSE AVENUE

FRANKLIN PARK, ILLINOIS 60131

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1-ASSY.

SWINGMASTER CORPORATION**PARTS BOOK**

MACHINE	SECTION	2

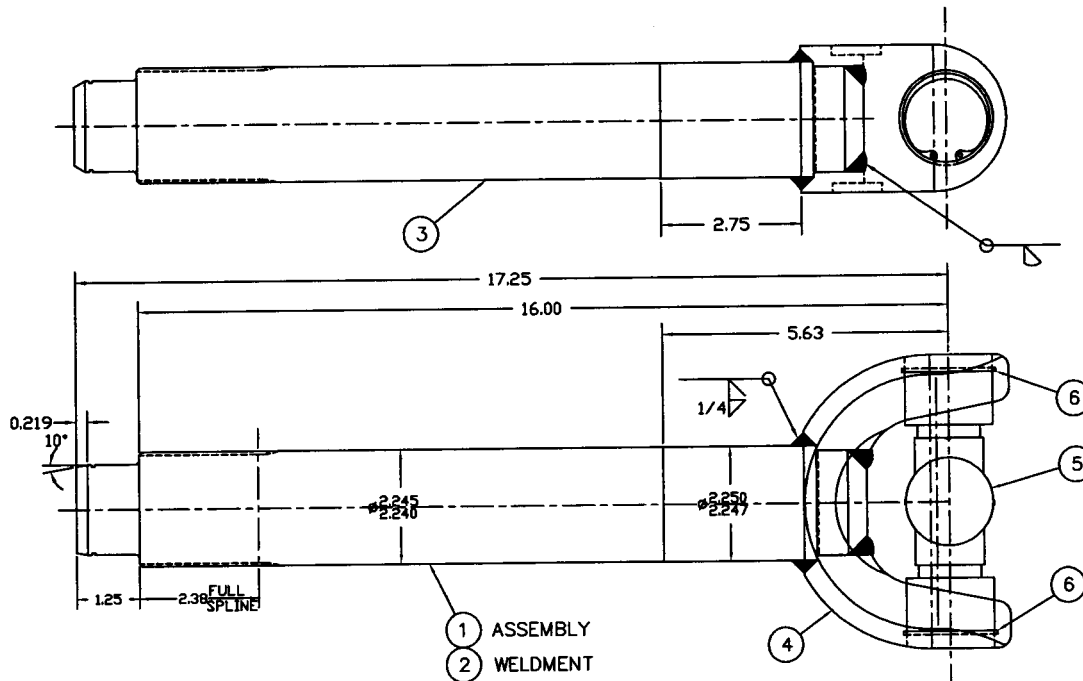
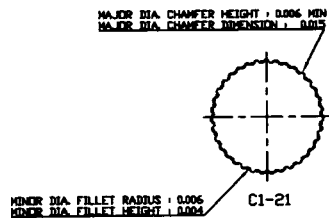
MODEL 361 SWINGLOADER	DRIVE SYSTEM	

**ASSEMBLY
NUMBER****DESCRIPTION****1800006****STEERING TIE ROD ASSEMBLY**

ITEM	PART		QTY.
NO.	NUMBER	DESCRIPTION	USED
2	1800087	TIE ROD	1
3	1800088	TIE ROD END YOKE ASSY (INCLUDES ITEMS 3A+B)	2
3A	1800098	BRONZE BUSHING (NOT SHOWN IN PICTURE)	2
3B	1800099	TIE ROD END (NOT SHOWN IN PICTURE)	2
4	1800089	H.H.C.S. 1/2-20 X 3" LONG	4
5	1800530	ESNA HEX NUT 1/2-20	4

SWINGMASTER CORPORATION
11415 MELROSE AVENUE
FRANKLIN PARK, ILLINOIS 60131**TELEPHONE: (847) 451-1224**

NOTE :
 SPLINE TOLERANCES MUST
 CONFORM TO S.A.E. STANDARDS.



TOLERANCES		SWINGMASTER CORPORATION	
UNLESS OTHERWISE SPECIFIED		730 INDUSTRIAL DRIVE	
FRACTIONS +/-		ELMHURST, ILLINOIS 60126	
3 PLACE DECIMALS +/-		RZEPPA UNIVERSAL JOINT ASSEMBLY	
2 PLACE DECIMALS +/-		FOR MODEL 361 & SL180	
1 PLACE DECIMALS +/-			
ANGLES			
SEE SWINGMASTER SPECIFICATION			
G-1 FOR TOLERANCES NOT SPECIFIED			
DIMENSIONS ARE IN INCHES		DRAWN BY: J.K.	DRAWING NO.
DO NOT SCALE DRAWING		DATE: 2-5-07	C1-21N
SCALE: 1/2			

SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION

2

MODEL 361 SWINGLOADER

DRIVE

SYSTEM MODEL 180 SWINGLOADER

ASSEMBLY
NUMBER

DESCRIPTION

1806674

RZEPPA UNIVERSAL JOINT

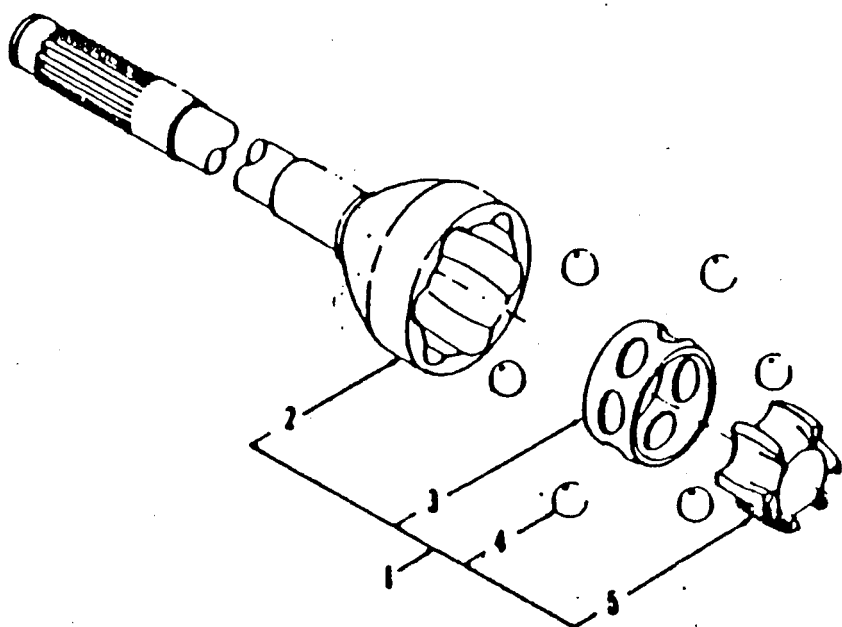
ITEM
NO.

PART
NUMBER

DESCRIPTION

QTY
USED

002	1806675	RZEPPA UNIVERSAL JOINT WELDMENT	1
003	1806676	SHAFT	1
004	1806671	U-JOINT	1
005	1806821	CROSS BEARING	1
006	1806822	RETAINING RING	4



SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION 2

MODEL 361 SWINGLOADER

DRIVE SYSTEM

ASSEMBLY
NUMBER

DESCRIPTION

1804355

RZEPPA UNIVERSAL JOINT

ITEM PART
NO. NUMBER

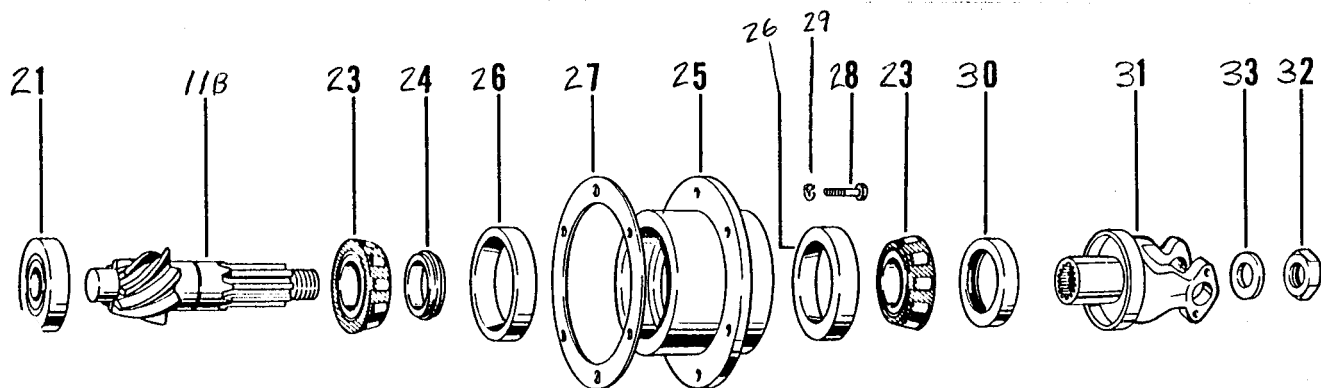
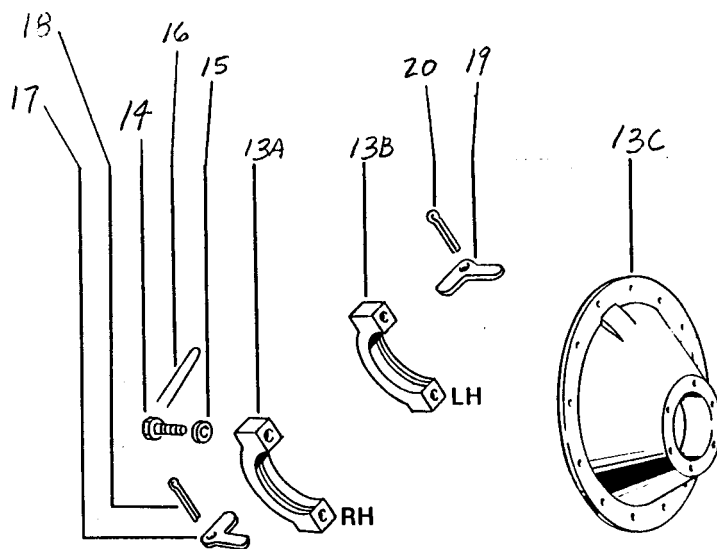
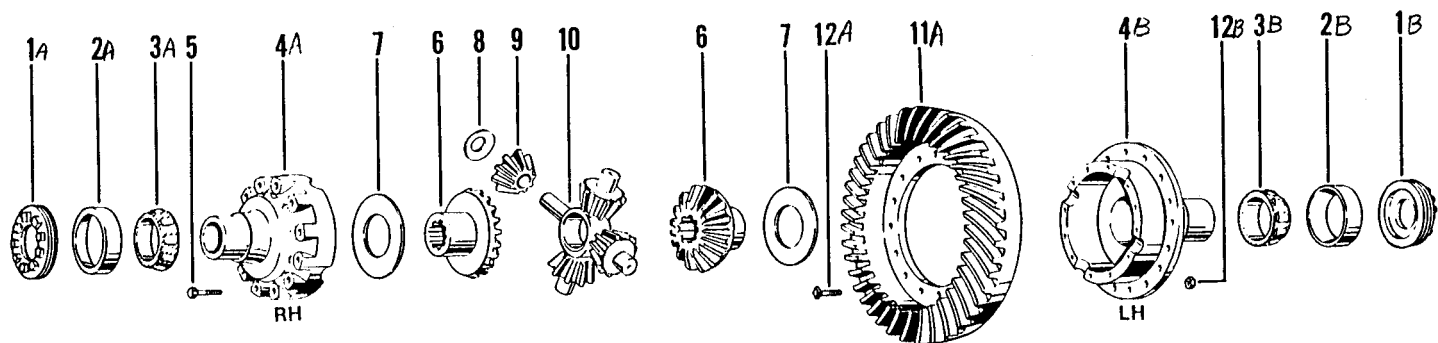
DESCRIPTION

QTY.
USED

	FOR MACHINE SERIAL NUMBERS 91361L0007 TO CURRENT	
2	8703618 OUTER RACE	1
3	8703619 CAGE	1
4	8703620 BALL	6
5	8703621 INNER RACE	1

SWINGMASTER CORPORATION
11415 MELROSE AVENUE
FRANKLIN PARK, ILLINOIS 60131

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MACHINE	SECTION	2
MODEL 361 SWINGLOADER	DRIVE SYSTEM	

ASSEMBLY
NUMBER

DESCRIPTION

1800021*

DIFFERENTIAL CARRIER - MODEL DS-101 AXLE

1804349**

DIFFERENTIAL CARRIER - MODEL DB-102 AXLE

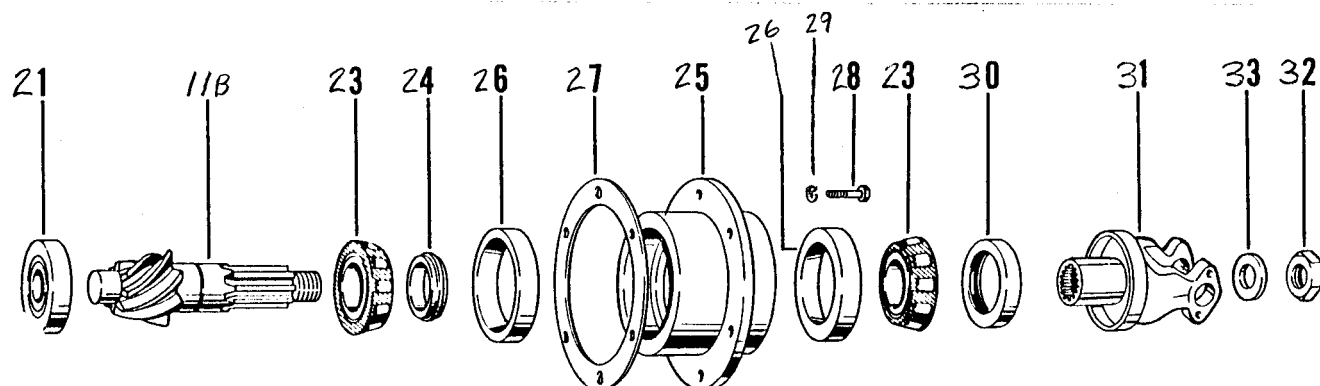
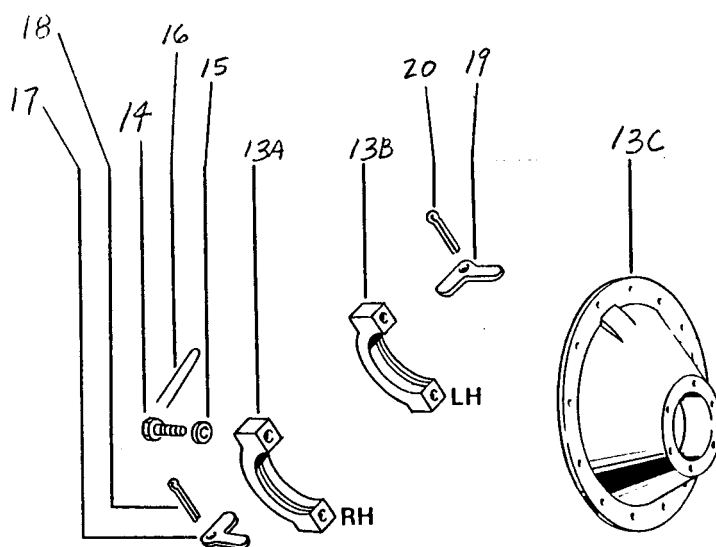
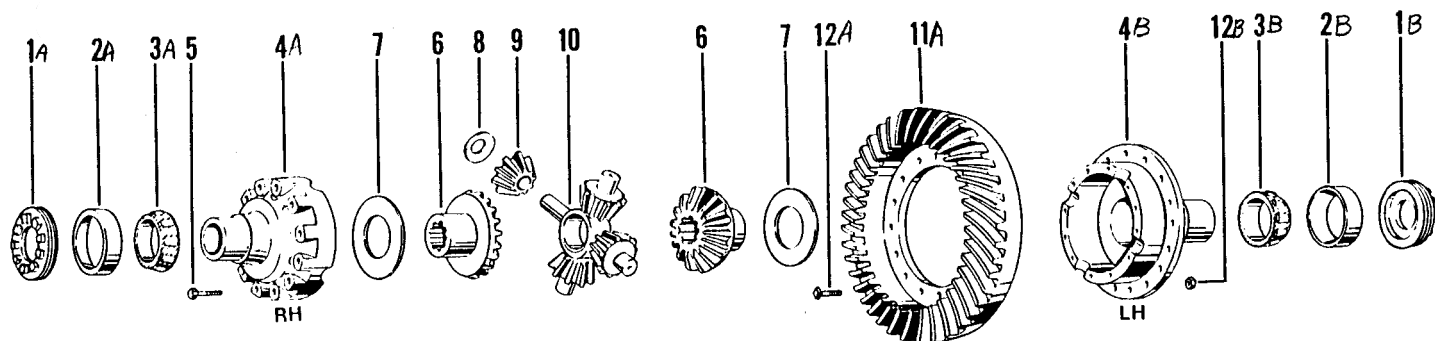
ITEM NO.	PART NUMBER	DESCRIPTION	QTY. USED
1A	8700977	RIGHTHAND DIFFERENTIAL BEARING ADJUSTER	1
1B	8700978	LEFTHAND DIFFERENTIAL BEARING ADJUSTER	1
2A	8700979	RIGHTHAND DIFFERENTIAL BEARING CUP	1
2B	8700980	LEFTHAND DIFFERENTIAL BEARING CUP	1
3A	8700981	RIGHTHAND DIFFERENTIAL BEARING CONE	1
3B	8700982	LEFTHAND DIFFERENTIAL BEARING CONE	1
4	8701080	WHEEL DIFFERENTIAL CASE KIT INCLUDES ITEMS 4A, 4B, AND 5	1
5	8701079	DIFFERENTIAL CASE CAP SCREW	12
6a*	8701081	DIFFERENTIAL SIDE GEAR	2
6b**	8703622	DIFFERENTIAL SIDE GEAR	2
7	8701082	SIDE GEAR THRUST WASHER	2
8	8701083	SIDE PINION THRUST WASHER	4
9	8701084	SIDE PINION	4
10	8701085	SPIDER	1
	8701086	WHEEL DIFFERENTIAL SIDE GEAR & PINION KIT INCLUDES ITEMS 6-10	1
11A&B	8702822	RING AND PINION GEAR SET	1
12A	8701089	RING GEAR BOLT	16
12B	8701090	RING GEAR NUT	16

* FOR MACHINE SERIAL NUMBERS 88361L0001 TO 90361L0006

** FOR MACHINE SERIAL NUMBERS 91361L0007 TO CURRENT

SWINGMASTER CORPORATION
11415 MELROSE AVENUE
FRANKLIN PARK, ILLINOIS 60131

TELEPHONE: (847) 451-1224



SWINGMASTER CORPORATION

PARTS BOOK

MACHINE	SECTION	2
MODEL 361 SWINGLOADER	DRIVE SYSTEM	

ASSEMBLY
NUMBER

DESCRIPTION

1800021*
1804349**

DIFFERENTIAL CARRIER - MODEL DS-101 AXLE
DIFFERENTIAL CARRIER - MODEL DB-102 AXLE

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. USED
----------	-------------	-------------	-----------

13A		RIGHTHAND BEARING CAP	1
13B		LEFTHAND BEARING CAP	1
13C		DIFFERENTIAL CARRIER	1
ITEM 13A,B,C ARE UNAVAILABLE SEPERATELY			
14	8701095	BEARING CAP SCREW	4
15	8701096	FLAT WASHER	4
16	8701097	LOCKWIRE	4

8701094 DIFFERENTIAL CARRIER & BEARING CAP ASSY 1
INCLUDES ITEMS 13-16

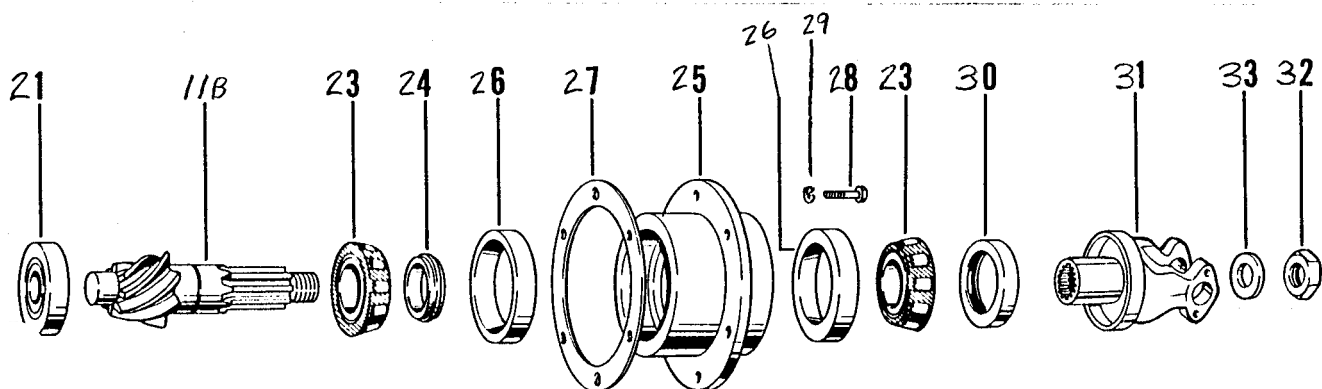
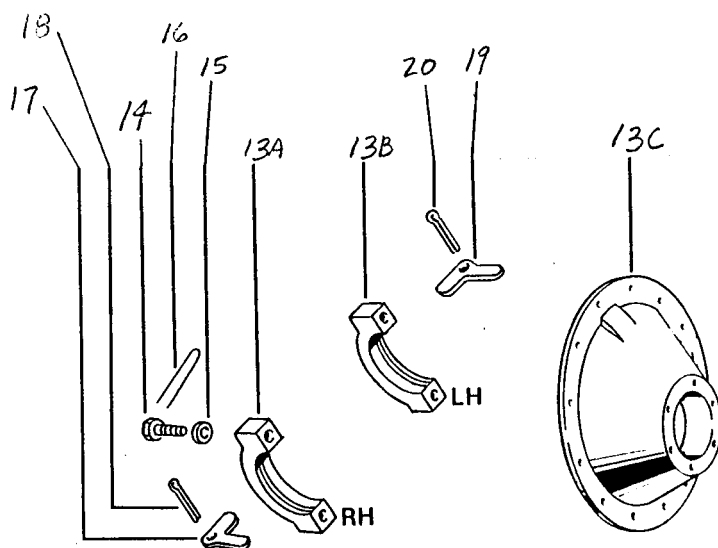
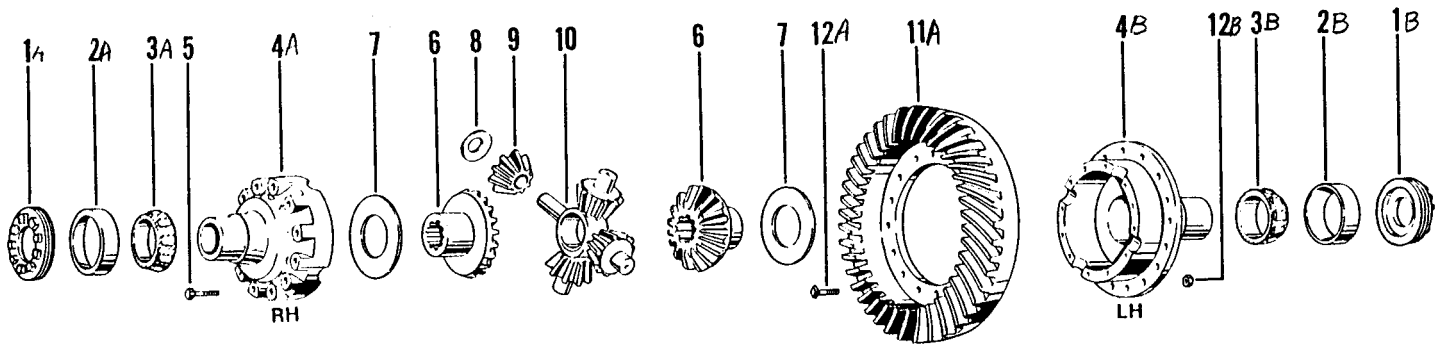
17	8701098	RIGHTHAND BEARING ADJUSTER LOCK	1
18	8701099	RIGHTHAND BEARING ADJUSTER COTTER PIN	1
19	8701100	LEFTHAND BEARING ADJUSTER LOCK	1
20	8701101	LEFTHAND BEARING ADJUSTER COTTER PIN	1
21	8701102	PINION PILOT BEARING	1
23	8701103	PINION BEARING CONE	2
24	8701115	PINION BEARING SPACER	AR
25	8701104	PINION BEARING CAGE	1
26	8701105	PINION BEARING CUP (INNER & OUTER)	2

8701106 PINION BEARING CAGE AND CUP ASSEMBLY 1
INCLUDES ITEMS 25, 26

27	8701116	PINION BEARING CAGE SHIM	AR
28	8701107	BEARING CAGE CAP SCREW	6
29	8701114	LOCKWASHER	6
30	8701108	OIL SEAL & RETAINER	1

SWINGMASTER CORPORATION
11415 MELROSE AVENUE
FRANKLIN PARK, ILLINOIS 60131

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SWINGMASTER CORPORATION

PARTS BOOK

MACHINE	SECTION	2
MODEL 361 SWINGLOADER	DRIVE SYSTEM	

ASSEMBLY
NUMBER

DESCRIPTION

1800021*

DIFFERENTIAL CARRIER - MODEL DS-101 AXLE

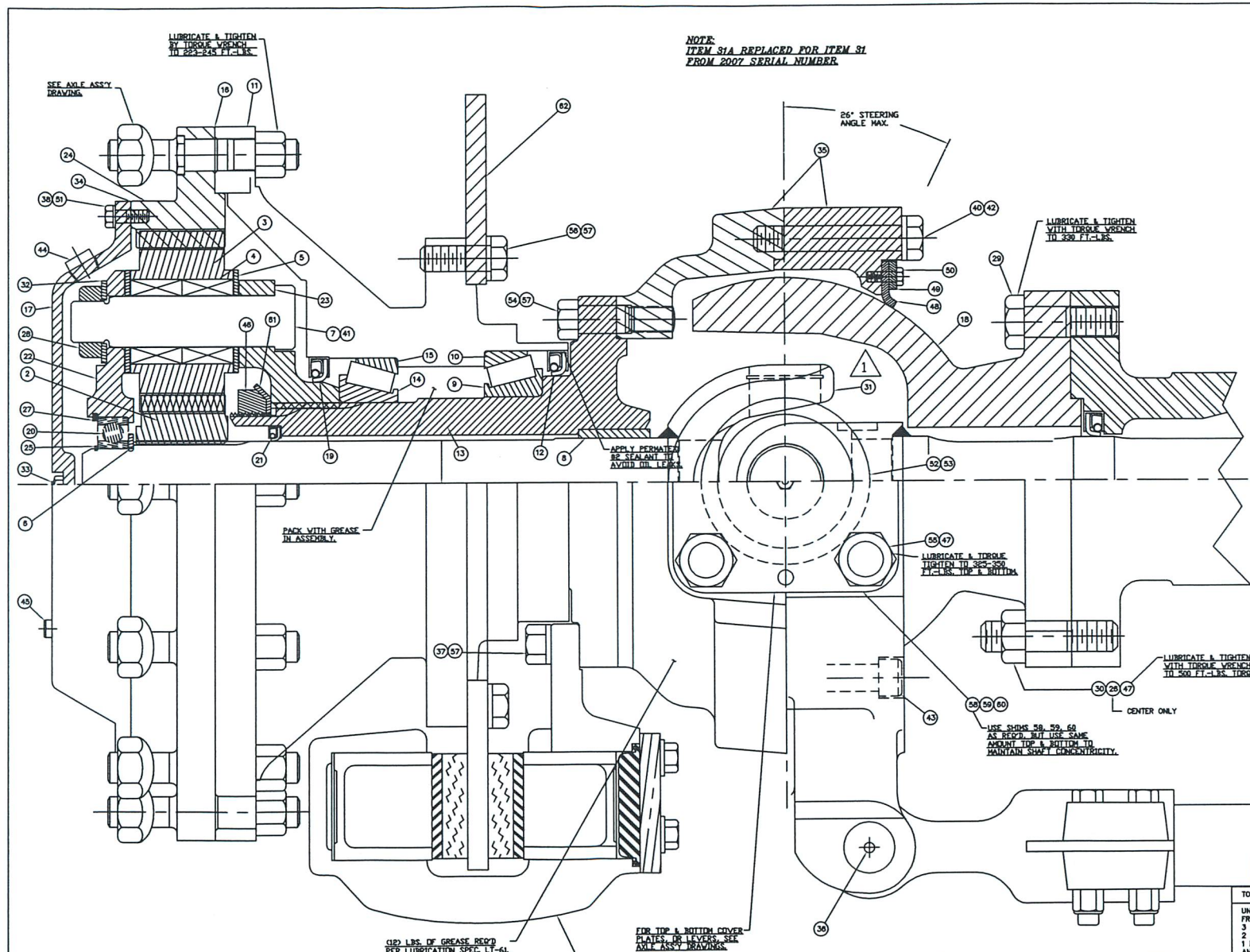
1804349**

DIFFERENTIAL CARRIER - MODEL DB-102 AXLE

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. USED
31	8701109	INPUT FLANGE & MUDSLINGER ASSEMBLY	1
	8701110	INPUT FLANGE	
	8701111	MUDSLINGER	
32	8701112	PINION NUT	1
33	8701113	FLAT WASHER	1
	8701117	DIFFERENTIAL BEARING KIT INCLUDES ITEMS 2,3,21,23,26,30	1
	8701118	DIFFERENTIAL BASIC OVERHAUL KIT INCLUDES ITEMS 2,3,7,8,21,23,26,27,30,33	1
	8701119	DIFFERENTIAL COMPLETE OVERHAUL KIT INCLUDES ITEMS 2,3,6-10,21,23,26,27,30,32,33	1

SWINGMASTER CORPORATION
11415 MELROSE AVENUE
FRANKLIN PARK, ILLINOIS 60131

TELEPHONE: (847) 451-1224



ITEM	PART NO.	DESCRIPTION	QTY.
1	D4-51-1	AXLE PLANETARY END ASSEMBLY	1
2	H1-11	SUN GEAR	1
3	H-12	PLANET GEAR	4
4	H-17-1	PLANET GEAR NEEDLE BEARING	8
5	G2-71-1	BRASS WASHER - PLANET GEAR	8
6	G2-71-2	BRASS WASHER - SUN GEAR	1
7	G-48	PLANET GEAR PIN	4
8	G1-17-2	RZ JOINT BUSHING - UNIVERSAL JOINT END	1
9	H-23-5	INNER WHEEL BEARING CONE	1
10	H-23-6	INNER WHEEL BEARING CUP	1
11	D-581	WHEEL HUB	1
12	D-20-1	WHEEL HUB REAR OIL SEAL	1
13	C-8-2	WHEEL SPINDLE	1
14	H-23-1	OUTTER WHEEL BEARING CONE	1
15	H-23-2	OUTTER WHEEL BEARING CUP	1
16	C-35-1	WHEEL HUB FRONT GASKET	1
17	C-28	PLANETARY END ASSEMBLY COVER	1
18	D-11	BALL JOINT SOCKET WELDMENT	1
19	C-20-4	WHEEL HUB FRONT OIL SEAL	1
20	C-35-1	RZ JOINT SHAFT END BALL BEARING	1
21	C-20-5	RZ JOINT SHAFT SEAL	1
22	D-22	PLANET GEAR CARRIER	1
23	C-17	PLANET GEAR CARRIER END PLATE	1
24	C-27	ANNULUS RING GEAR	1
25	G1-102-1	EXTERNAL RETAINING RING - RZ JOINT SHAFT END BEARING	1
26	G1-89-1	LOWER-CENTER BALL SOCKET MOUNTING STUD	1
27	G-102-1	INTERNAL RETAINING RING - RZ JOINT SHAFT END BEARING	1
28	D11-70-1	PLANET GEAR PIN RETAINING SLOTTED HALF NUT - 1-14	4
29	G3-67-111	BALL SOCKET MOUNTING HEX BOLT - 3/4-18 X 2-1/4 L.	5
30	G-69-1	LOWER BALL SOCKET MOUNTING STUD - 7/8-14	4
31	C1-21	RZEPPA UNIVERSAL JOINT ASSEMBLY	0
31A	C1-21H	RZEPPA UNIVERSAL JOINT ASSEMBLY	1
32	G-71-21	GEAR PIN RETAINING WASHER - 1	4
33	G-101-1	LUBRICATION PRESSURE RELIEF FITTING	1
34	G-35-2	PLANETARY END ASSEMBLY COVER GASKET	1
35	H2-32	AXLE BALL JOINT HOUSING ASSEMBLY	2
36	D4-100-1	LUBRICATION FITTING - 65 DEG. ELBOW	2
37	G8-67-3	SPINDLE MOUNTING SHOULDER HEX BOLT - 5/8-18X3-3/16 LG	12
38	G-67-18	PLANETARY END COVER MOUNTING HEX BOLT - 5/16-18 X 7/8 L.	12
39	P-251-2	DISC BRAKE ASSY	2
40	G-72-15	LOCKWASHER - 5/8 - BALL SOCKET HOUSING ASSEMBLY	8
41	G-73-84	COTTER PIN - 3/16 X 2 - GEAR PIN RETAINING NUT	4
42	G5-67-1	HEX BOLT - 5/8-18 X 3-3/4 LG - BALL SOCKET HOUSING ASSY	8
43	G-66-1	NYLON SOCKET HEAD CAP SCREW - 5/8-18 X 3 L. - 4	4
44	G-99-3	HEX PIPE PLUG - 1/8 - OIL FILLER	1
45	G-99-1	HEX PIPE PLUG - 1/8 - OIL LEVEL CHECK	1
46	H-24-1	WHEEL BEARING LOCKNUT	1
47	H-70-23	HEX NUT - 7/8-14 - STEER PIVOT BRG CAP + BALL SOCKT MTL.	13
48	H-20	BALL JOINT SEAL	1
49	H-18	BALL JOINT SEAL RETAINER	1
50	G1-67-4	HEX BOLT - 1/4-28 X 3/4 L. - BALL JOINT SEAL MTL.	8
51	G-72-10	LOCKWASHER - 5/16 - PLANETARY END COVER MOUNTING	12
52	H-23-3	STEERING PIVOT BEARING CONE	2
53	H-23-4	STEERING PIVOT BEARING CUP	2
54	G8-67-2	SPINDLE MOUNTING SHOULDER HEX BOLT - 5/8-18X2-1/2 LG	0
55	G-69-2	STEERING PIVOT BEARING CAP MOUNTING STUD - 7/8-14	8
56	G3-67-93	HEX HEAD CAP SCREW - 5/8-18X1-3/4 LG	16
57	G3-71	SPECIAL WASHER - 5/8 - SPINDLE MOUNTING	28
58	G-62	STEERING PIVOT BEARING CAP SHIM 0.002 THICK	A.R.
59	G-62-1	STEERING PIVOT BEARING CAP SHIM 0.005 THICK	A.R.
60	G-62-2	STEERING PIVOT BEARING CAP SHIM 0.010 THICK	A.R.
61	G-37-1	LOCKWASHER - WHEEL BEARING NUT	1
62	G-938	BRAKE DISC	1

LUBRICATE & TIGHTEN WITH TORQUE WRENCH	
BOLT OR NUT	FT.-LBS. TORQUE
(4)	100-120
(5)	120-141
(7)	175-180
(8)	210-230
(9)	175-180

TOLERANCES UNLESS OTHERWISE SPECIFIED FRACTIONS +/- 3 PLACE DECIMALS +/- 2 PLACE DECIMALS +/- 1 PLACE DECIMALS +/- ANGLES SEE SWINGMASTER SPECIFICATION 0-1 FOR TOLERANCES NOT SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE DRAWING SCALE: NONE	SWINGMASTER CORPORATION 11415 MIDROSE AVENUE FRANKLIN PARK, ILLINOIS 60131 PLANETARY END ASSEMBLY MODEL DB-102 AXLE MODEL 361 & 182 & 181 DRAWN BY: J.K. DATE: 1-28-98
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1	2-9-07	31A REPLACED FOR 31	2007002	J.K.
REV	DATE	DESCRIPTION	ENG. NO.	BY

D4-51

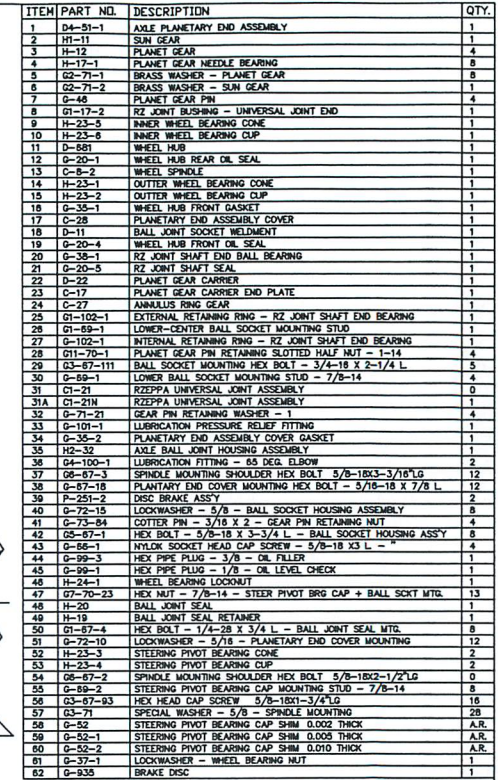
MACHINE	SECTION
MODEL 361 SWINGLOADER	DRIVE SYSTEM

ASSEMBLY NUMBER	DESCRIPTION
1805756	AXLE PLANETARY END ASSEMBLY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. USED
002	1804356	SUN GEAR	1.00
003	1800027	PLANET GEAR	4.00
004	1800028	NEEDLE BEARING - 1-1/4" ID	8.00
005	1800029	1 9/32" BRASS FLAT WASHER	8.00
006	1800030	1 25/32" BRASS FLAT WASHER	1.00
007	1800031	GEAR PIN (PLANET END ASSEMBLY)	4.00
008	1804358	BUSHING	1.00
009	1800033	BEARING CONE 4-1/4" BORE	1.00
010	1800034	BEARING CUP 4-1/4" BORE	1.00
011	1805591	WHEEL HUB	1.00
012	1800036	SHAFT SEAL 5-1/4" SHAFT	1.00
013	1803539	WHEEL SPINDLE	1.00
014	1800038	BEARING CONE 4" BORE	1.00
015	1800039	BEARING CUP 4" BORE	1.00
016	1800040	GASKET - ROUND, 12-HOLE	1.00
017	1800041	PLANET END COVER	1.00
018	1800042	BALL SOCKET	1.00
019	1800043	SHAFT SEAL 5" SHAFT	1.00
020	1800044	BALL BEARING - UNSHIELDED, SINGLE ROW	1.00
021	1804357	OIL SEAL	1.00
022	1800046	PLANET CARRIER	1.00
023	1800047	PLANET GEAR CARRIER PLATE ASSY W/O HOLES	1.00
024	1800048	ANNULUS RING GEAR	1.00
025	1800049	3.525" SNAP RING	1.00
026	1800050	R/H THREAD STUD 7/8-14 X 4" LONG	1.00
027	1800051	1.771" SNAP RING	1.00
028	1800052	SLOTTED HEX NUT 1-14	4.00
029	1800053	H.H.C.S. 3/4-16 X 2 1/4" LONG	5.00
030	1800054	R/H THREAD STUD 7/8-14 X 3 3/4" LONG	4.00
031	1804355	RZEPPA JOINT	0.00
31A	1806674	RZEPPA UNIVERSAL JOINT ASS'T	1.00

SWINGMASTER CORPORATION
11415 MELROSE AVENUE
FRANKLIN PARK, ILLINOIS 60131

TELEPHONE: (847) 451-1224



LUBRICATE & TIGHTEN WITH TORQUE WRENCH	
BOLT OR NUT	FT.-LBS. TORQUE
(46)	100-120
(59)	129-141
(37)	175-180
(56)	210-230
(54)	175-180

UNLESS OTHERWISE SPECIFIED
FRACTIONS +/-
3 PLACE DECIMALS +/-
2 PLACE DECIMALS +/-
1 PLACE DECIMALS +/-
ANGLES

11415 MELROSE AVENUE
FRANKLIN PARK, ILLINOIS 60131

MODEL DB-102 AXLE

MODEL 361 & 182 & 181

DRAWN BY: J.K.	DRAWING NO. D4-
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DATE: 1-28-98

D4-51

	2-9-07	31A REPLACED FOR 31	2007002	J.K.
REV	DATE	DESCRIPTION	ENG. NO.	BY

MACHINE

SECTION 2

MODEL 361 SWINGLOADER

DRIVE SYSTEM

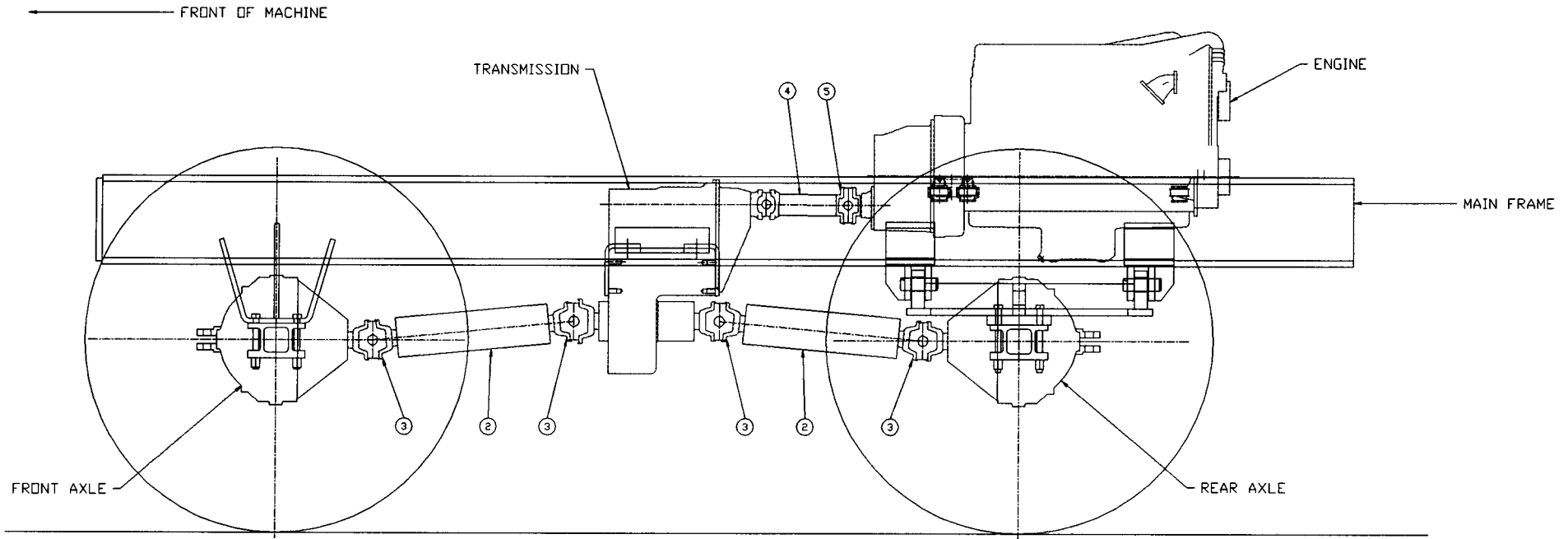
ASSEMBLY		DESCRIPTION	# USED
NUMBER			
1805756		AXLE PLANETARY END ASSEMBLY	
ITEM	PART NO.	DESCRIPTION	# USED
032	1800056	1" FLAT WASHER	4.0
033	1800019	1/8" PIPE-M RELIEF FITTING 1MIN-5MAX	0
034	1800058	PSI	1.0
035	1801924	GASKET - ROUND, 12-HOLE	0
036	1800059	AXLE BALL JOINT HOUSING ASSEMBLY	1.0
037	1805592	SPINDLE MOUNTING SHOULDER BOLT 5/8-18	12.00
038	1800061	H.H.C.S. 5/16-18 X 7/8" LONG	12.00
039	1805595	DISC BRAKE ASSEMBLY(6)	2.00
040	1800022	5/8" LOCK WASHER	8.00
041	1800064	COTTER PIN 3/16 X 2" LONG	4.00
042	1800065	H.H.C.S. 5/8-18 X 3 3/4" LONG	8.00
043	1800066	SOCKET HEAD CAP SCREW 5/8-18 X 3" LG.	4.00
044	1800067	3/8" PIPE PLUG-HEX HEAD	1.00
045	1800068	1/8" PIPE PLUG-HEX HEAD	1.00
046	1800069	SPINDLE LOCK NUT	1.00
047	1800538	THICK HEX NUT 7/8-14	13.00
048	1800071	SEAL, BALL SOCKET	1.00
049	1800072	AXLE BALL SEAL RETAINER	1.00
050	1800073	H.H.C.S. 1/4-28 X 3/4" LONG	8.00
051	1800074	5/16" LOCK WASHER	12.00
052	1800075	BEARING CONE 1-3/4" BORE	2.00
053	1800076	BEARING CUP 1-3/4" BORE	2.00
054	1805593	SPINDLE MOUNTING SHOULDER BOLT 5/8-18	0.00
055	1800078	R/H THREAD STUD 7/8-14 X 3 1/2" LONG	8.00
056	1805594	HEX HEAD CAP SCREW 5/8-18X1-3/4"LG	16.00
057	1800080	SPECIAL 11/16 FLAT WASHER	12.00
058	1800081	SHIM - 0.002" (STRG. AXLE BEARING)	1.00
059	1800082	SHIM - 0.005" (STRG. AXLE BEARING)	1.00
060	1800083	SHIM - 0.010" (STRG. AXLE BEARING)	1.00
061	1800084	BEARING LOCKWASHER	1.00
062	1805636	BRAKE DISC	1.00

SWINGMASTER CORPORATION

11415 MELROSE AVENUE

FRANKLIN PARK, ILLINOIS 60131

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① INSTALLATION

TOLERANCES		SWINGMASTER CORPORATION	
UNLESS OTHERWISE SPECIFIED		11415 MELORE AVENUE	
FRACTIONS +/-		FRANKLIN PARK, ILLINOIS 60131	
3 PLACE DECIMALS +/-		DRIVESHAFT INSTALLATION	
2 PLACE DECIMALS +/-		MODEL 361	
1 PLACE DECIMALS +/-		DRAWN BY: R.O.	
ANGLES		DATE: 9-2-88	
SEE SWINGMASTER SPECIFICATION		DRAWING NO.	
0-1 FOR TOLERANCES NOT SPECIFIED		D-184	
DIMENSIONS ARE IN INCHES			
DO NOT SCALE DRAWING			
SCALE: 1/4"=1'			

SWINGMASTER CORPORATION

PARTS BOOK

MACHINE	SECTION	2
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MODEL 361 SWINGLOADER	DRIVE SYSTEM	
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ASSEMBLY
NUMBER

DESCRIPTION

1802046-----
DRIVESHAFT INSTALLATION

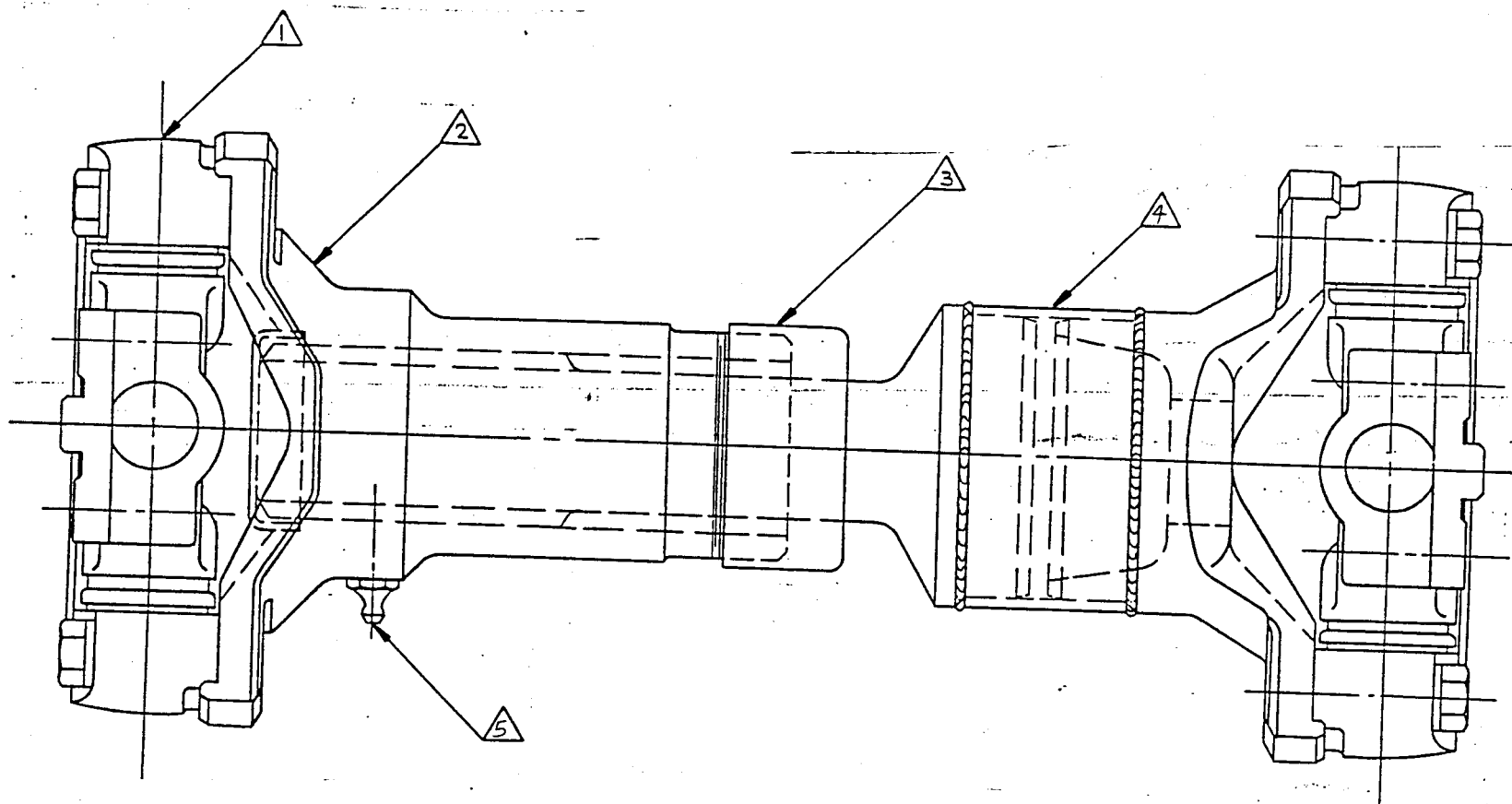
ITEM	PART		QTY.
NO.	NUMBER	DESCRIPTION	USED
2	1800217	DRIVE SHAFT - TRANSMISSION TO AXLE	2.00
3	1800474	H.H.C.S. 1/2-20 X 2 1/4" LONG	16.00
4	1800215	DRIVE SHAFT - TORQUE CONV. TO TRANS.	1.00
5	1800458	H.H.C.S. 3/8-24 X 1 3/4" LONG	8.00
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SWINGMASTER CORPORATION

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SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION

2

MODEL 361 SWINGLOADER

DRIVE SYSTEM

ASSEMBLY
NUMBER

DESCRIPTION

1800217

DRIVE SHAFT - TRANSMISSION TO AXLE

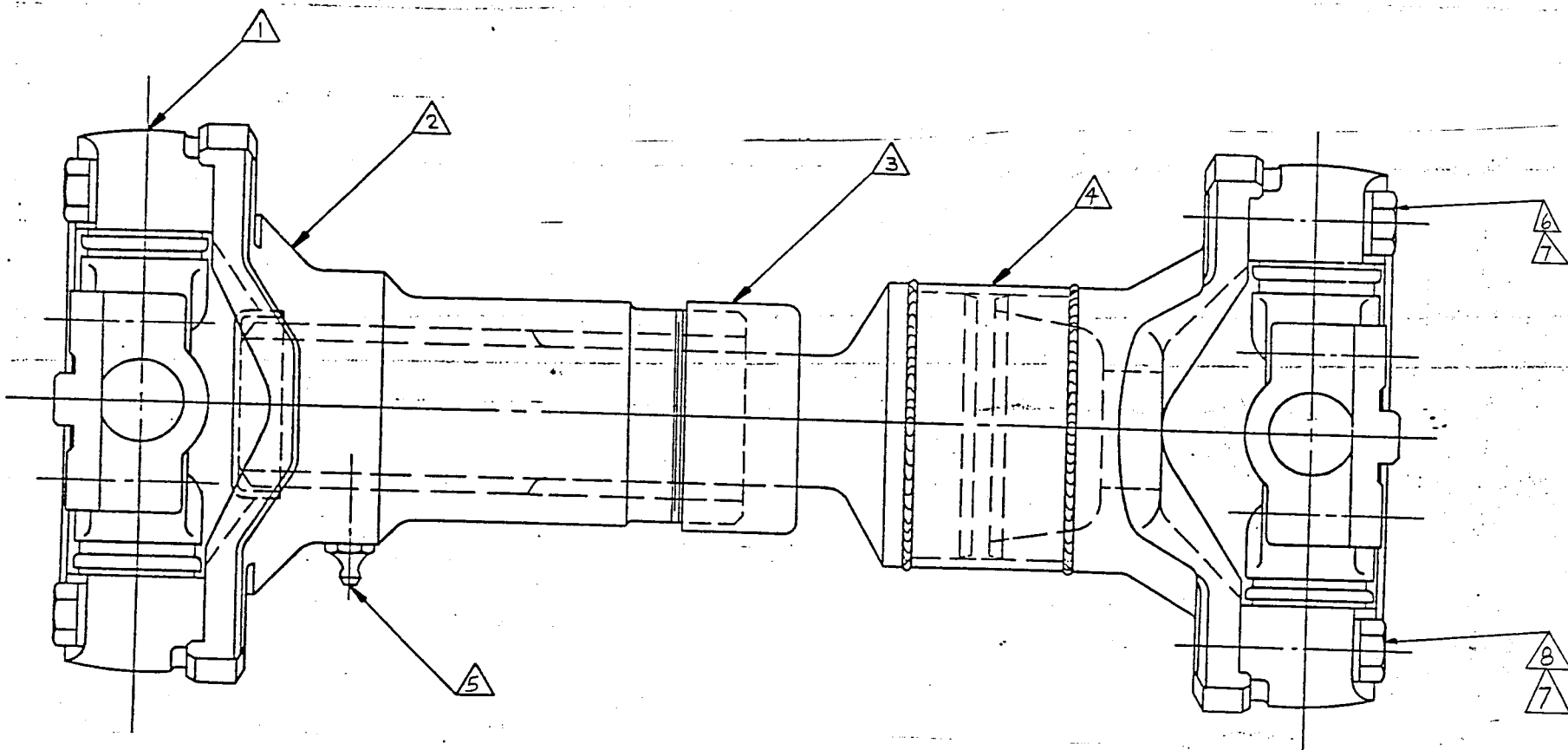
ITEM PART
NO. NUMBER DESCRIPTION

QTY.
USED

1	8701162	CROSS & BEARING REPAIR KIT	W/ HARDWARE	2
2	8701163	SLIP YOKE		1
3	8701164	DUST SEAL		1
4	8701166	YOKE TUBE & SPLINE PLUG SUB-ASSEMBLY		1
5	8701158	LUBE FITTING		1

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SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION

2

MODEL 361 SWINGLOADER

DRIVE SYSTEM

ASSEMBLY
NUMBER

DESCRIPTION

1800215

DRIVE SHAFT - TORQUE CONV. TO TRANS.

ITEM PART

QTY.

NO. NUMBER DESCRIPTION

USED

1	8701154	CROSS & BEARING REPAIR KIT	2
2	8701155	SLIP YOKE	1
3	8701156	DUST CAP	1
4	8701157	SHAFT YOKE	1
5	8701158	LUBE FITTING	1
6	8701159	H.H.C.S. - 2" LONG	8
7	8701161	LOCK WASHER	16
8	8701160	H.H.C.S. - 15/16" LONG	8

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