

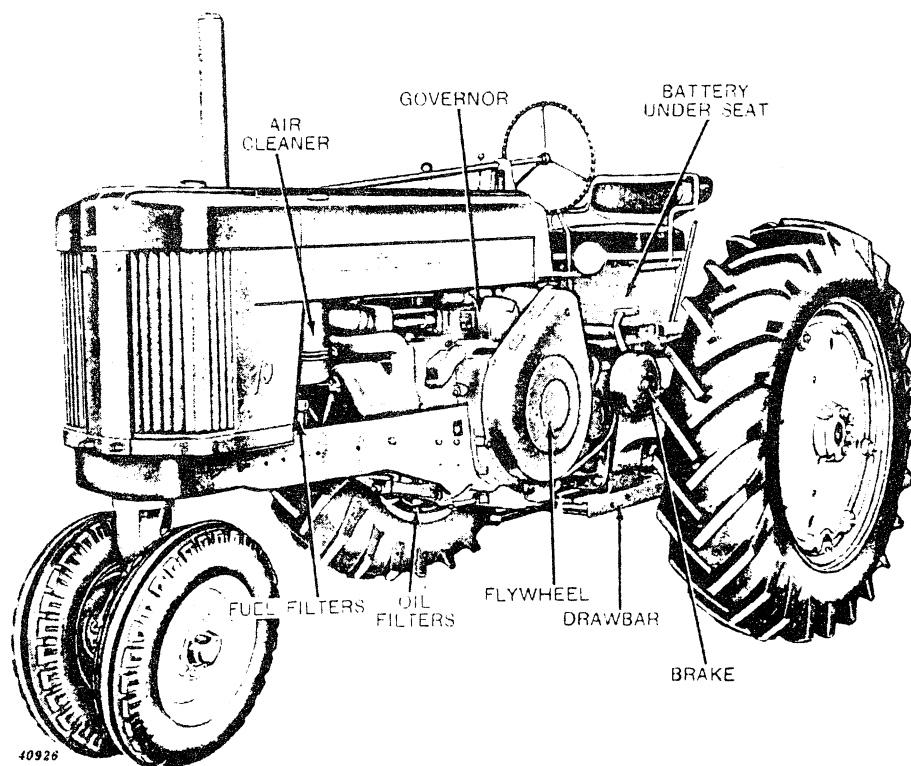


# **JOHN DEERE**

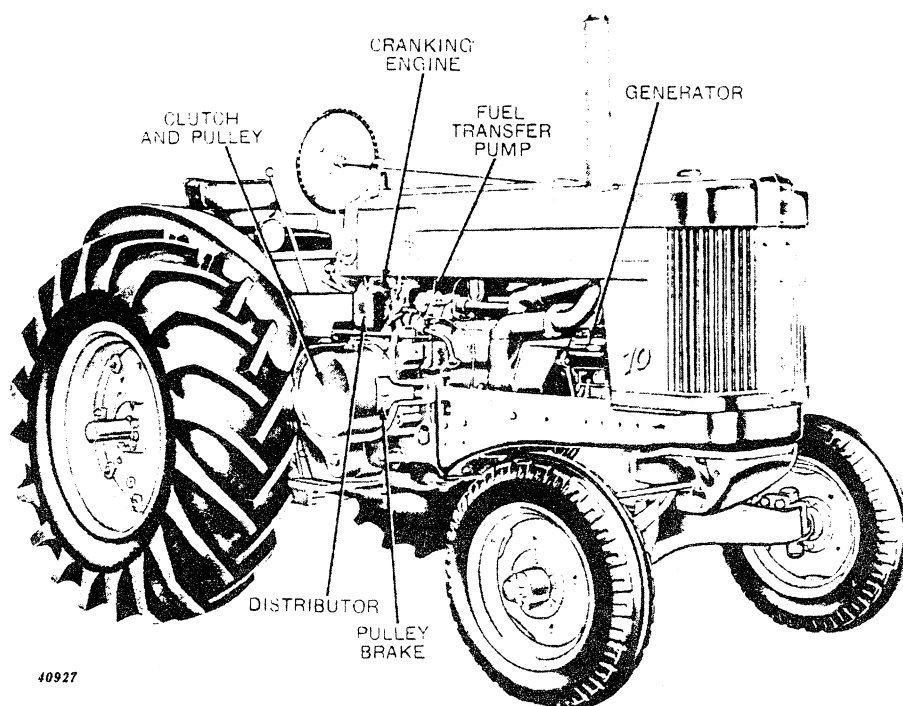
## **Parts Catalog**

**70 DIESEL TRACTOR**

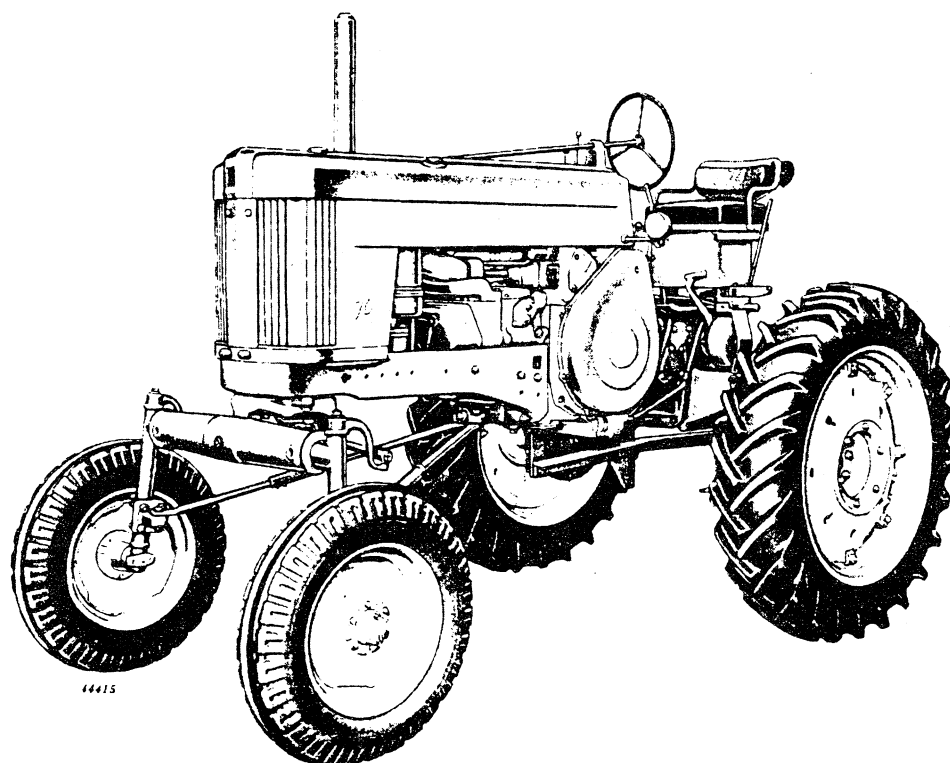
**PC445**



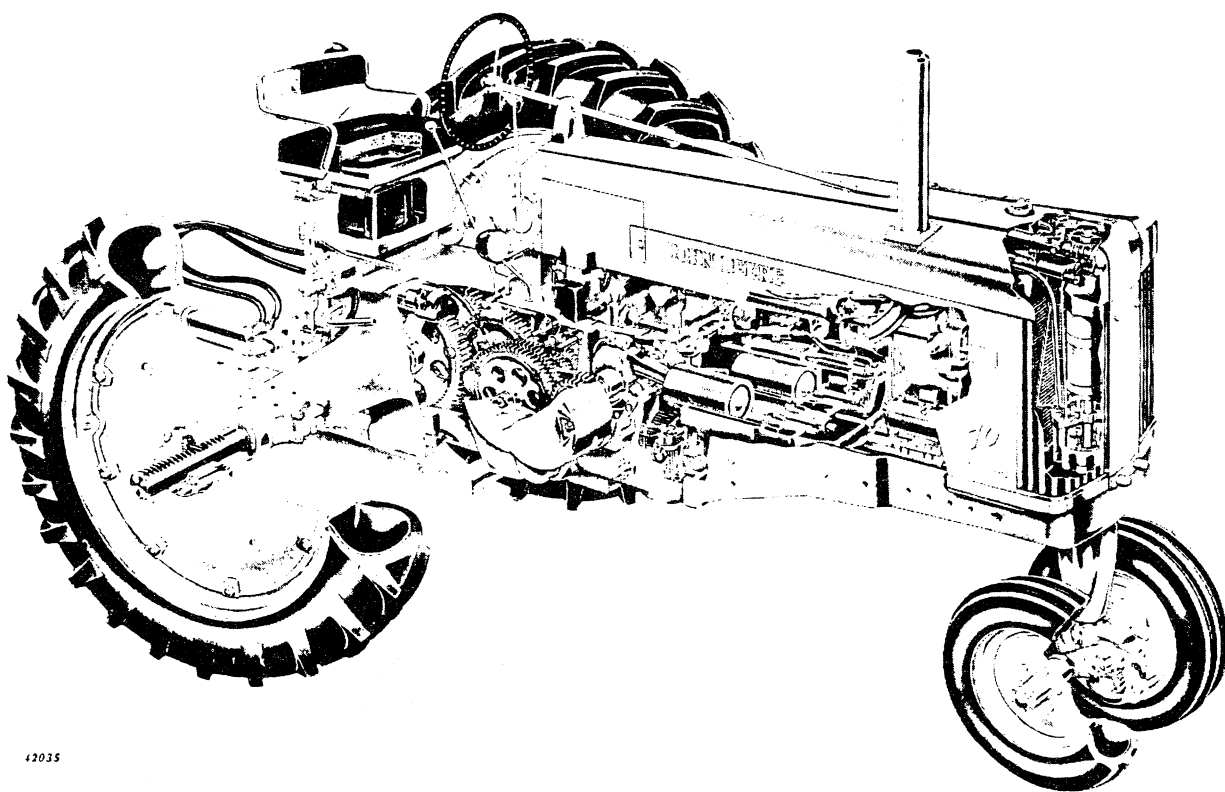
John Deere Model 70 Diesel General-Purpose Tractor—Flywheel Side



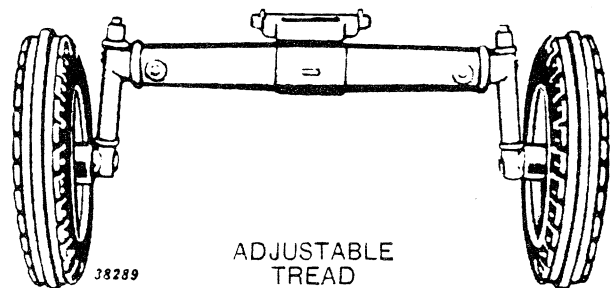
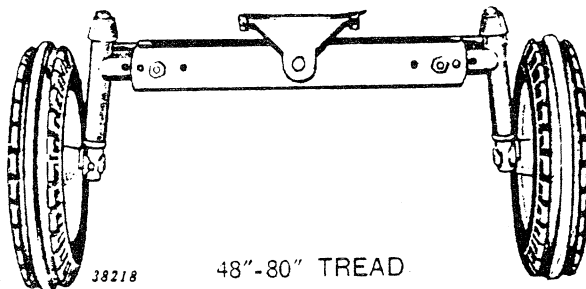
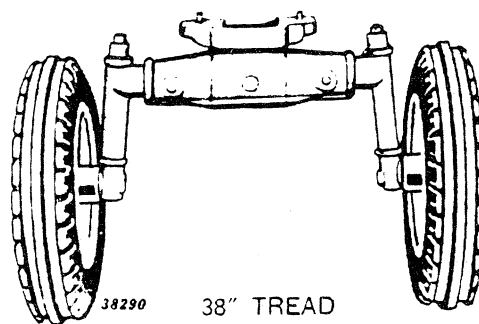
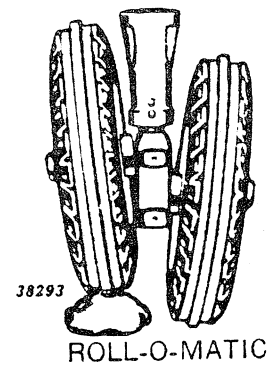
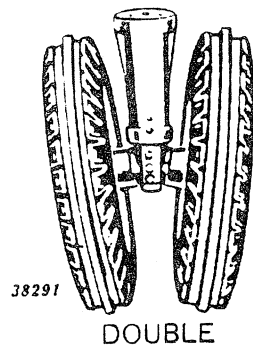
John Deere Model 70 Diesel Standard Tractor—Pulley Side



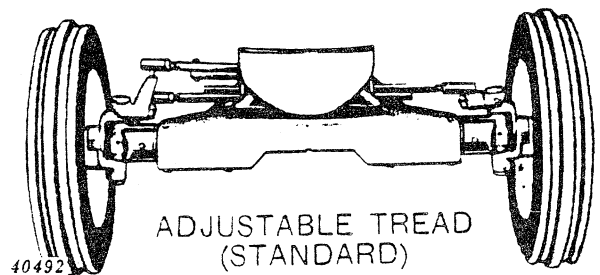
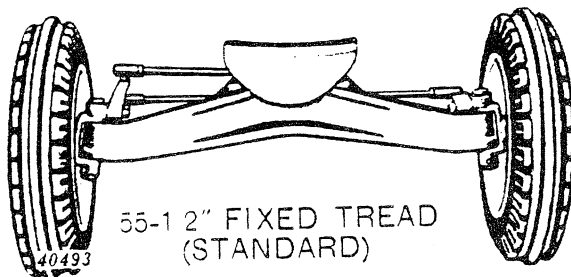
John Deere Model 70 Diesel Hi-Corp Tractor—Flywheel Side



Cut-Away View of John Deere Model 70 Diesel Tractor



Front Wheel Equipment Available for Model 70 Diesel General-Purpose Tractor



Front Wheel Equipment Available for Model 70 Diesel Standard Tractor



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## SERIAL NUMBERS

Serial number information given on any page is applicable only to parts listed and illustrated on that page.

When the parentheses include only the dash..... (       -       )  
the part is used on all Model "70" Diesel Tractors.

When a serial number appears before the dash..... (0000000-       )  
the part was introduced beginning with that serial number and is still being used.

When a serial number appears after the dash..... (       -0000000)  
the part was used up to and including that serial number but was not used after that serial number.

When serial numbers appear both before and after the dash..... (0000000-0000000)  
the part was used beginning with the first serial number but was not used after the second serial number.

When a serial number begins with PCV, PTV, or 3-1/2RC..... (PCV000 -       )  
it refers to the power take-off shaft, Powr-Trol, or remote cylinder, and not to the tractor.

When a serial number contains xxxxxxx before the dash..... (xxxxxxx -       )  
the part is approved for production but the beginning serial number was not established when this catalog went to press.

When a serial number contains xxxxxxx after the dash..... (       - xxxxxxx)  
the part is discontinued but the last serial number was not established when this catalog went to press.

## PACKAGED PARTS

For added protection and ease of handling between the factory, branch houses, parts depots, and most dealers, some parts which appear in this catalog, such as gaskets, are packed in packages which contain more than one of the part—usually five or ten. Dealers should order packaged quantities. Parts packaged in quantity will be furnished as individual parts only in extreme emergencies.

These parts should not be confused with other packaged items which are packaged in certain quantities but cannot be ordered individually.

Both types of packaged parts are identified by a statement which appears in the Description Column.

When the statement reads:

"Packed 5 in a pkg. or packed 10 in a pkg., etc.," dealers should order the packaged quantities. The packages bear the same part number indicated by quantity as the individual parts.

When the statement reads:

"Pkg. of 2" or "Pkg. of 4," etc., the parts cannot be ordered individually. The number which appears in the Parts Number Column is a "package" number and not the part number of the individual part.

## SUBSTITUTION INFORMATION

Part substitution information given on any page is applicable only to parts listed and illustrated on that page.

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ENGINE REPLACEMENT ASSEMBLIES  
(Serial No. 7017500- )

## Crankshaft with Bearing Group

This group is made up of three assemblies—(1) of crankshaft, (2) of main bearing housing with bushings and connecting rod bushings, (3) of gaskets.

## Crankshaft with Bearing Group

Order: 1—AF3748R Crankshaft (Sub. for AF2193R)  
1—AF2274R Main Bearing Housing with Bushings and Connecting Rod Bushings  
1—AF2249R Gasket Set\*

## Cylinder Block, Pistons, Rings, and Gasket Set

This group is made up of three assemblies—(1) of cylinder block, (2) of pistons with rings and pins, (3) of gaskets.

## Cylinder Block, Pistons, Rings, and Gasket Group

Order: 1—AF3703R Cylinder Block (Sub. for AF2188R)  
1—AF3760R Pistons, with Rings and Pins (Sub. for AF2219R)  
1—AF3906R Gasket Set (Sub. for AF2248R)\*

## Combination Cylinder Block and Crankshaft Group

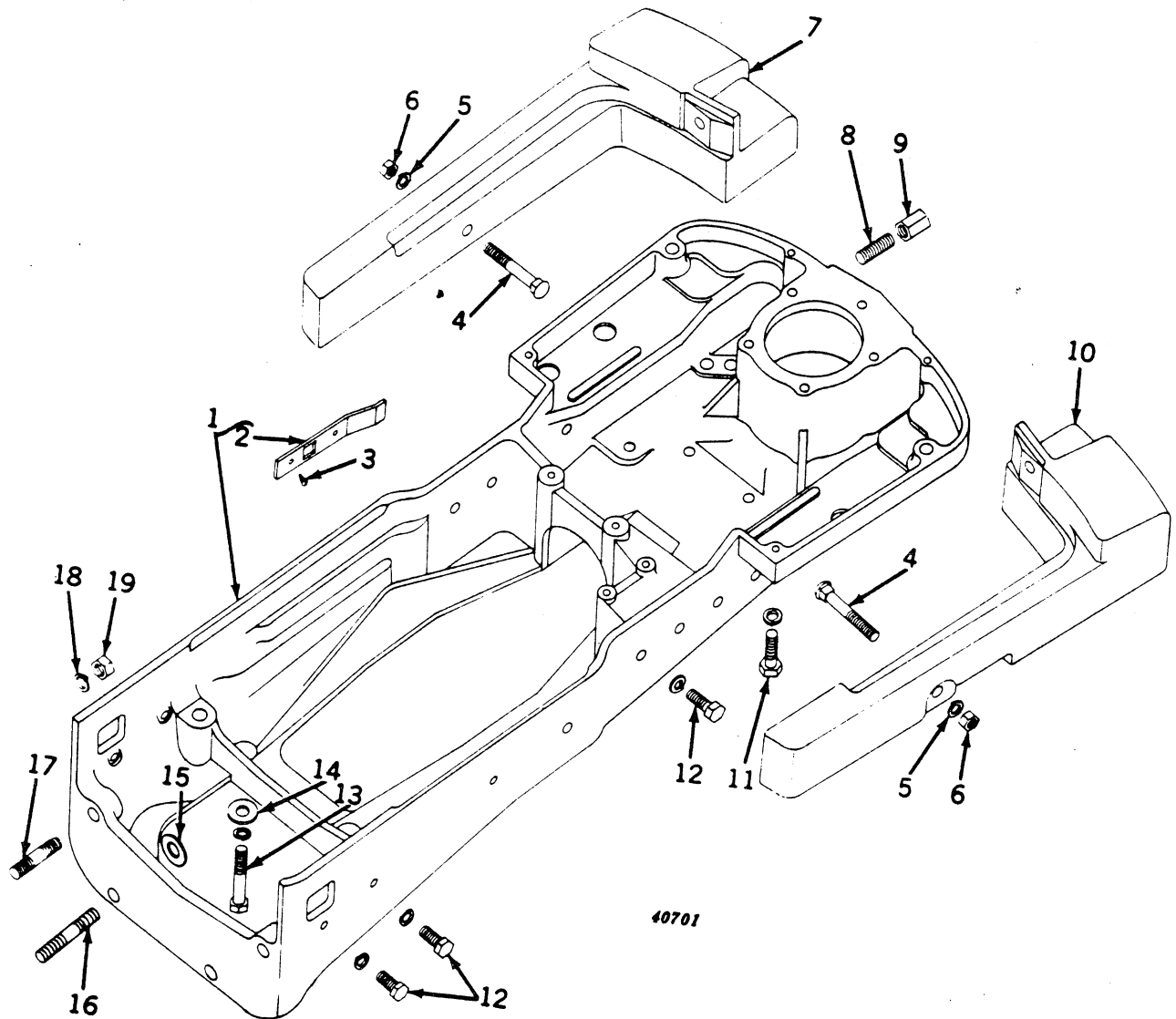
This group is made up of six assemblies (or two groups)—Crankshaft with bearings and cylinder block with pistons, rings, gaskets, etc., (1) crankshaft, (2) main bearing housing with bushings and connecting rod bushings, (3) of cylinder block, (4) pistons with rings and pins, (5 and 6) gaskets.

## Cylinder Block and Crankshaft Group

Order: 1—AF3703R Cylinder Block (Sub. for AF2188R)  
1—AF3760R Pistons, with Rings and Pins (Sub. for AF2219R)  
1—AF3748R Crankshaft (Sub. for AF2193R)  
1—AF2274R Main Bearing Housing with Bushings and Connecting Rod Bushings  
1—AF3906R Gasket Set (Sub. for AF2248R)\*  
1—AF2249R Gasket Set\*

\*For Illustrations and Contents of Gasket Sets, see Gasket Set Groupings.

FRONT END SUPPORT  
(Serial No. 7017500- )



**FRONT END SUPPORT -- Continued**  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AF 3701 R	( - )	Support, F3502R, F3011R, F1290R or F1482R, front end, with bolt lock straps (sub. for AF1637R)
2	F 1196 R	( - )	Strap, bolt lock (2 used)
3	A 4322 R	( - )	Screw, drive (4 used)
4	3H 1605	( - )	Bolt, cge., 5/8" x 4" (2 used)
5	12H 294	( - )	Washer, lock, 5/8" (2 used)
6	14H 800	( - )	Nut, 5/8" (2 used)
7	A 5347 R	( - )	WEIGHT, FRONT END, L.H. (TRACTORS EQUIPPED WITH DOUBLE FRONT WHEELS, AND ROLL-O-MATIC) (SUB. FOR A4829R)
8	A 5292 R	( - )	Stud, 5/8" x 1-3/4" (2 used) (sub. for C1479R)
9	A 1892 R	( - )	Nut (2 used) (packed 25 in a pkg.)
10	A 5346 R	( - )	WEIGHT, FRONT END, R.H. (TRACTORS EQUIPPED WITH DOUBLE FRONT WHEELS, AND ROLL-O-MATIC) (SUB. FOR A4828R)
11	19H 1847	( - )	Screw, cap, high-strength, 5/8" x 2-1/2" (2 used)
	12H 294	( - )	Washer, lock, 5/8" (2 used)
12	19H 1356	( - )	Screw, cap, high-strength, 5/8" x 1-3/4" (6 used)
	12H 294	( - )	Washer, lock, 5/8" (6 used)
13	19H 2000	( - )	Screw, cap, high-strength, 3/4" x 5" (2 used)
	12H 236	( - )	Washer, lock, 3/4" (2 used)
14	B 3310 R	( - )	Washer (2 used)
15	24H 1392	( - )	Washer, 25/32" x 1-3/8" x .120" (6 used) (except standard)
16	F 2236 R	( - )	Stud, 3/4" x 4-1/2" (2 used) (sub. for C783R)
17	D 2266 R	( - )	Stud, 3/4" x 3-3/4" (2 used)
18	12H 236	( - )	Washer, lock, 3/4" (4 used)
19	14H 794	( - )	Nut, 3/4" (4 used)

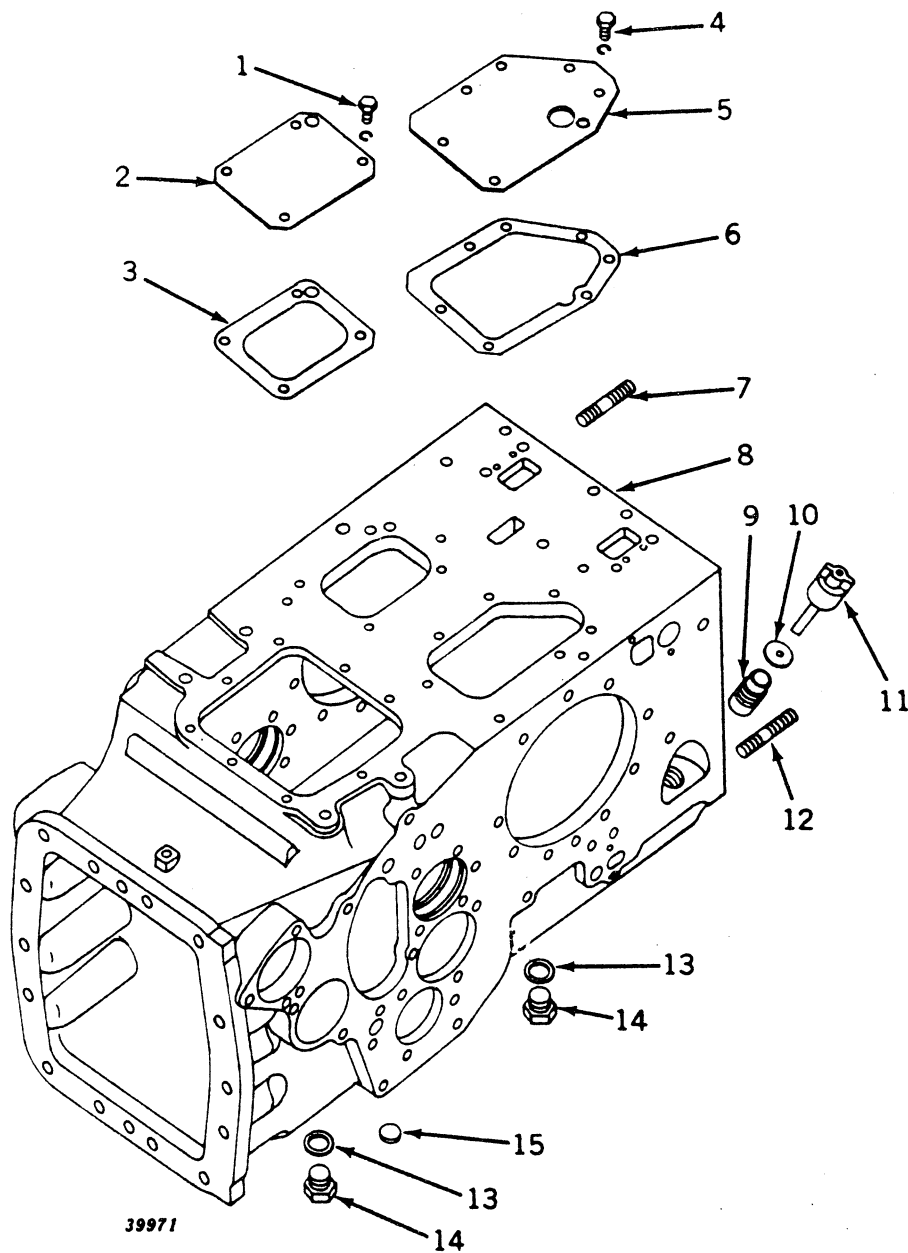
Part listed below is an assembly of certain parts in this grouping.

AF 2853 R	( - )	BOLT, NUTS AND WASHERS, FRONT END WEIGHT (SUB. FOR AA6315R)
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Parts listed below are not illustrated.

A 5345 R	( - )	Weight, frame, front
A 5351 R	( - )	Stud, frame weight, front (2 used)
A 5352 R	( - )	Nut, frame weight stud (2 used)
A 5353 R	( - )	Stud, 5/8" x 5-1/2" front frame weight (2 used)
A 5354 R	( - )	Brace, frame weight (2 used) (no longer furnished)

Capital letters indicate an attachment. Attachments must be listed on separate order from replacement parts order.

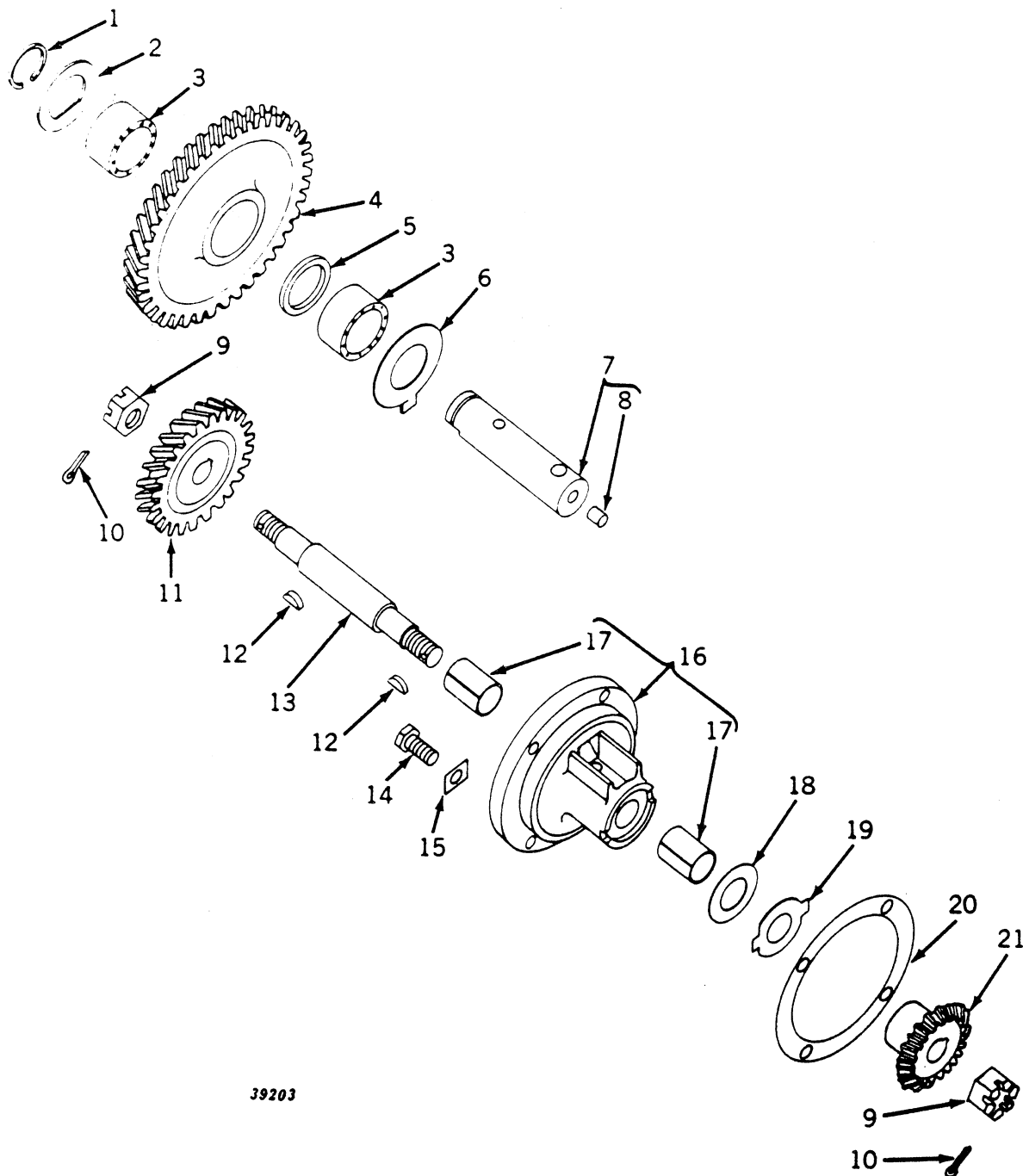
ENGINE AND TRANSMISSION CASE AND COVERS  
(Serial No. 7017500- )

ENGINE AND TRANSMISSION CASE AND COVERS -- Continued  
(Serial No. 7107500- )

Key	Part No.	Serial No.	Description
1	19H 1900	( - )	Screw, cap, high-strength, 5/16" x 3/4" (2 used)
	12H 303	( - )	Washer, lock, 5/16" (2 used)
2	F 1802 R	( - )	Cover, L. H.
3	F 1804 R	( - )	Gasket (packed 2 in a pkg.)
4	19H 1900	( - )	Screw, cap, high-strength, 5/16" x 3/4" (5 used)
	12H 303	( - )	Washer, lock, 5/16" (5 used)
5	F 1801 R	( - )	Cover, R. H.
6	F 1803 R	( - )	Gasket (packed 2 in a pkg.)
7	F 1549 R	( - )	Stud, 3/4" x 3-1/4" (12 used) (sub. for D409R)
8	AF 1975 R	( - )	Case, F1800R, engine and transmission
9	R 693 R	( - )	Tube, crankcase oil level rod
10	R 793 R	( - )	Gasket (packed 2 in a pkg.)
11	AF 2058 R	( - )	Rod, oil level, with cap
12	D 2266 R	( - )	Stud, 3/4" x 3-3/4" (2 used)
	F 2236 R	( - )	Stud, 3/4" x 4-1/2" (2 used) (sub. for C783R)
13	A 4827 R	( - )	Washer (2 used) (packed 2 in a pkg.)
14	F 3128 R	( - )	Plug, drain (2 used) (sub. for F1250R)
15	30H 11	( - )	Plug, expansion, 7/8"



ENGINE OIL PUMP DRIVE  
(Serial No. 7017500- )

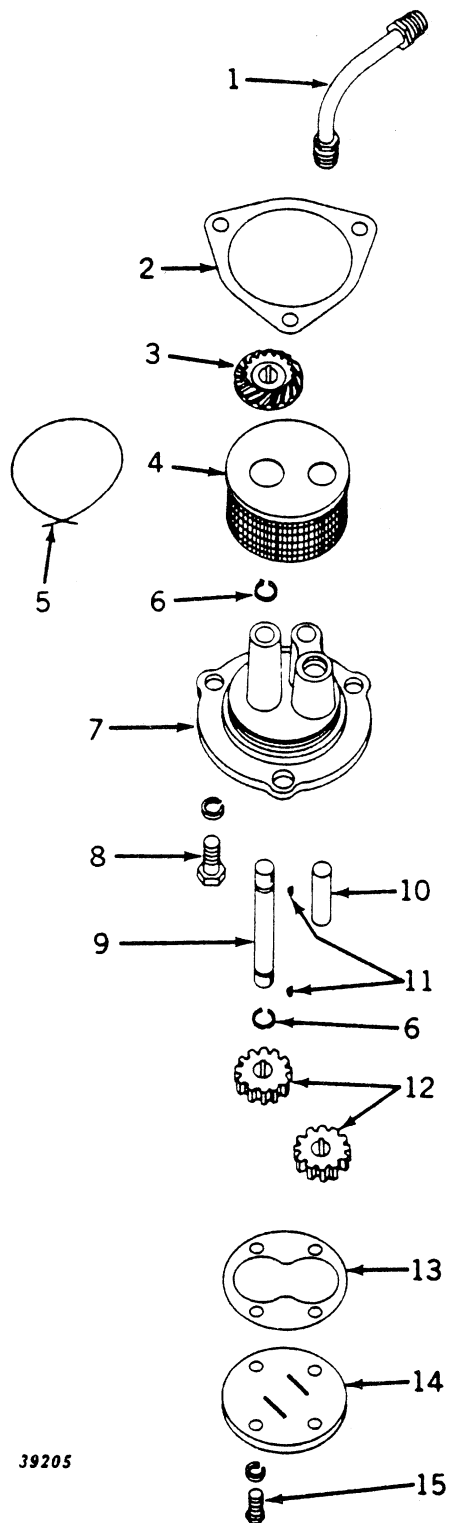


39203

ENGINE OIL PUMP DRIVE -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	A 562 R	( - )	Ring, snap
2	F 1982 R	( - )	Washer, thrust
3	JD 7939	( - )	Bearing (2 used)
4	F 1979 R	( - )	Gear, oil pump idler
5	F 1980 R	( - )	Spacer
6	F 1981 R	( - )	Washer, thrust
7	AF 2069 R	( - )	Shaft, oil pump idler gear, with pin
8	R 726 R	( - )	Pin, dowel
9	C 1387 R	( - )	Nut, slotted (2 used) (order AC 1324R, pkg. of 10)
10	11H 336	( - )	Pin, cotter, 1/8" x 1" (2 used)
11	F 1821 R	( - )	Gear, oil pump drive
12	26H 17	( - )	Key, Woodruff, 3/16" x 7/8" (2 used)
13	AF 1999 R	( - )	Shaft, oil pump drive, with nuts
14	19H 1800	( - )	Screw, cap, high-strength, 7/16" x 1" (4 used)
15	A 4605 R	( - )	Plate, lock (4 used)
16	AF 1998 R	( - )	Housing, F1819R, oil pump drive, with bushings
17	F 3162 R	( - )	Bushing (2 used) (sub. for R195R)
18	R 198 R	( - )	Washer, shim, 0.0025" (packed 2 in a pkg.)
	R 200 R	( - )	Washer, shim, 0.010"
19	R 197 R	( - )	Washer, thrust
20	F 1823 R	( - )	Shim, paper (packed 2 in a pkg.)
	F 1825 R	( - )	Shim, steel (packed 2 in a pkg.)
21	F 1822 R	( - )	Gear, bevel, oil pump drive

DIESEL ENGINE OIL PUMP  
(Serial No. 7017500- )



39205

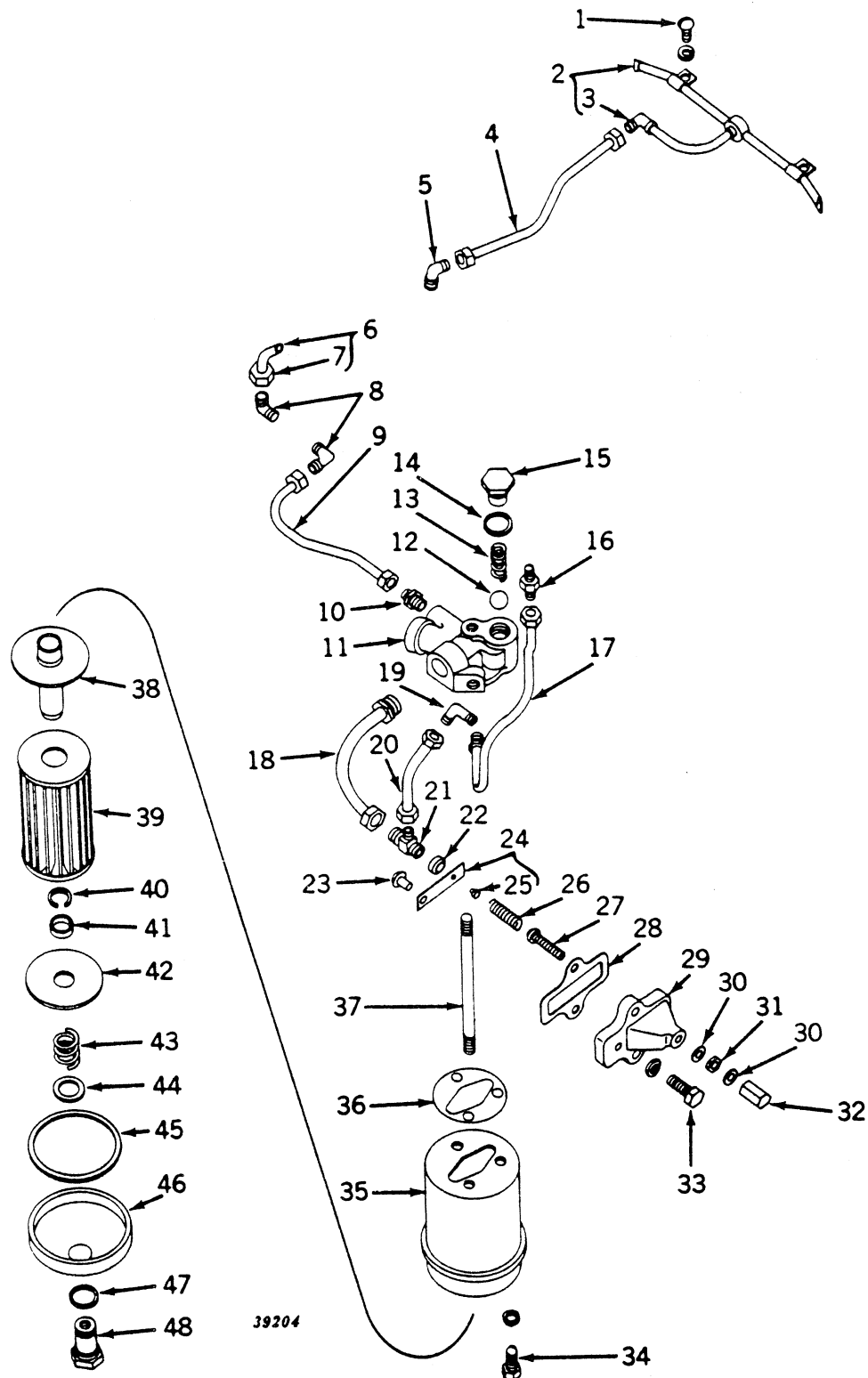
DIESEL ENGINE OIL PUMP -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AF 2004 R	( - )	Pipe, oil pump discharge
2	R 415 R	( - )	Shim, paper, 0.005" (packed 2 in a pkg.)
	B 251 R	( - )	Gasket (packed 5 in a pkg.)
3	R 220 R	( - )	Gear, bevel, oil pump drive (sub. for AR898R)
4	AR 445 R	( - )	Screen, oil pump
5	.....	( - )	Wire, 16 gauge x 15" long
6	B 387 R	( - )	Ring, snap (2 used) (packed 5 in a pkg.)
7	R 410 R	( - )	Body, oil pump (sub. for AR906R) (sub. AR21892R*)
8	19H 456	( - )	Screw, cap, high-strength, 1/2" x 1-3/8" (3 used)
	12H 301	( - )	Washer, lock, 1/2" (3 used)
9	R 413 R	( - )	Shaft, oil pump drive
10	R 400 R	( - )	Shaft, oil pump idler gear
11	26H 70	( - )	Key, Woodruff, 1/8" x 1/2" (2 used)
12	AR 881 R	( - )	Gear, R398R, oil pump (2 used)
13	B 246 R	( - )	Gasket (packed 5 in a pkg.)
14	B 247 R	( - )	Cover, oil pump
15	19H 1731	( - )	Screw, cap, high-strength, 3/8" x 1" (4 used)
	12H 309	( - )	Washer, lock, 3/8" (4 used)

Part listed below is an assembly of some of the parts in this grouping.

\*AR 21892 R ( - ) Pump, R21715R, oil, heavy-duty replacement assembly, consisting of one oil pump, two gaskets, two shims and one Woodruff Key

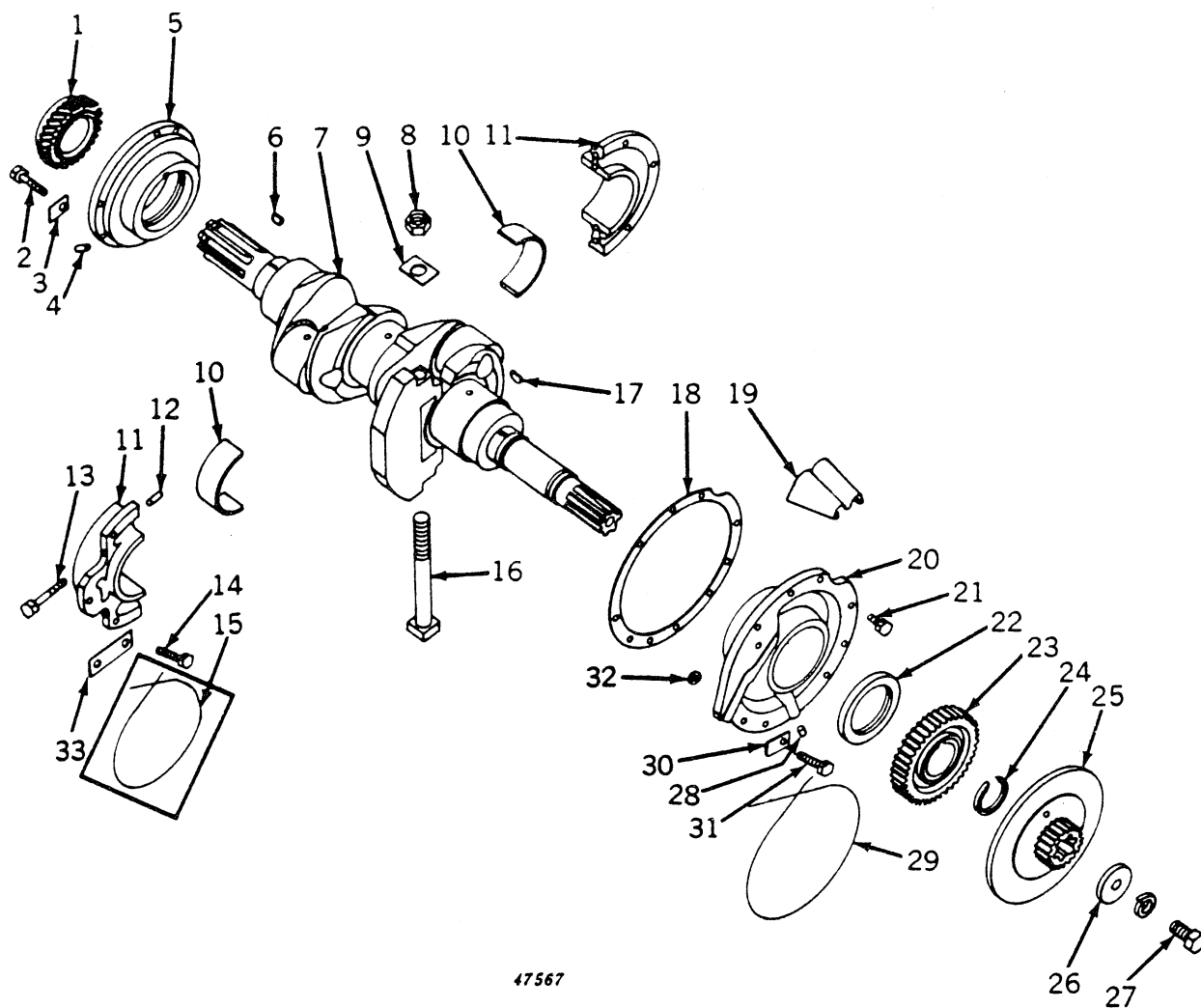
# OIL FILTER AND OIL PIPES (Serial No. 7017500- )



OIL FILTER AND OIL PIPES -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	21H 1144	( - )	Screw, mach., 1/4" x 1/2" (2 used)
	12H 302	( - )	Washer, lock, 1/4" (2 used)
2	AR 453 R	( - )	Pipe, oiler, tappet lever, with clips and elbow
3	R 425 R	( - )	Elbow, tappet lever oiler
4	AF 3710 R	( - )	Pipe, oil, cylinder to tappet lever oiler (sub. for AF2007R)
5	F 357 R	( - )	Elbow
6	AF 2003 R	( - )	Pipe, oil, case to main bearing, L. H.
7	A 2069 R	( - )	Nut, bushing
8	D 417 R	( - )	Elbow (2 used)
9	AF 2002 R	( - )	Pipe, oil, filter to case, L. H.
10	D 2429 R	( - )	Connector
11	F 1826 R	( - )	Head, oil filter
12	M 886 T	( - )	Ball, oil filter by-pass valve (sub. for A174R)
13	F 3463 R	( - )	Spring, oil filter by-pass valve (sub. for D2001R)
14	A 521 R	( - )	Gasket, copper (packed 2 in a pkg.)
15	D 2428 R	( - )	Cap, oil filter by-pass valve (sub. R21635R and B439R)
16	A 258 R	( - )	Connector
17	AF 2006 R	( - )	Pipe, oil, camshaft
18	AF 2005 R	( - )	Pipe, oil, filter relief
19	D 417 R	( - )	Elbow
20	AF 2001 R	( - )	Pipe, oil, main bearing, R. H.
21	R 420 R	( - )	Tee
22	F 3468 R	( - )	Bushing, oil pressure relief valve (sub. for B2568R)
23	16H 658	( - )	Rivet, 1/4" x 5/8"
24	AB 3453 R	( - )	Spring, leaf, oil pressure relief valve, with pilot (sub. R21096R and R21098R)
25	D 2425 R	( - )	Pilot, oil pressure relief coil spring
26	R 741 R	( - )	Spring, oil pressure adjusting
27	B 2307 R	( - )	Screw, oil pressure adjusting
28	B 2308 R	( - )	Gasket (packed 2 in a pkg.)
29	AR 452 R	( - )	Housing, B2305R, oil pressure relief valve, with spring and adjusting screw
30	A 3098 R	( -7031999)	Washer, aluminum (2 used) (packed 5 in a pkg.)
	A 5364 R	(7032000- )	Washer, aluminum (2 used) (packed 5 in a pkg.)
31	14H 732	( - )	Nut, jam, 3/8"
32	B 427 R	( - )	Nut, cap
33	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (2 used)
	12H 293	( - )	Washer, lock, 7/16" (2 used)
34	19H 99	( - )	Screw, cap, 5/16" x 9/16" (3 used)
	12H 303	( - )	Washer, lock, 5/16" (3 used)
35	R 20248 R	( - )	Body, oil filter (sub. for A1152R)
	AR 21268 R	( - )	Plate, oil filter body, with gasket and cap screws
36	R 20249 R	( - )	Gasket (packed 5 in a pkg.) (sub. for A1149R)
37	B 1745 R	( - )	Stud, 1/2" x 8-7/8"
38	AA 2096 R	( - )	Outlet, oil filter
39	AR 28110 R	( - )	Element, oil filter (carton of 4) (sub. for AA3680R or AR21777R)
40	A 2444 R	( - )	Ring, snap (packed 5 in a pkg.)
41	A 2530 R	( - )	Spacer
42	AA 2095 R	( - )	Plate, end and spacer
43	A 2441 R	( - )	Spring (packed 2 in a pkg.)
44	24H 1660	( - )	Washer, 57/64" x 1-3/8" x .060"
45	A 519 R	( - )	Gasket, rubber (packed 5 in a pkg.)
46	A 522 R	( - )	Cover
47	A 521 R	( - )	Washer, copper (packed 2 in a pkg.)
48	AF 2889 R	( - )	Nut (sub. for A2575R)

# CRANKSHAFT AND MAIN BEARING (Serial No. 7017500- )



47567

CRANKSHAFT AND MAIN BEARING -- Continued  
(Serial No. 7107500- )

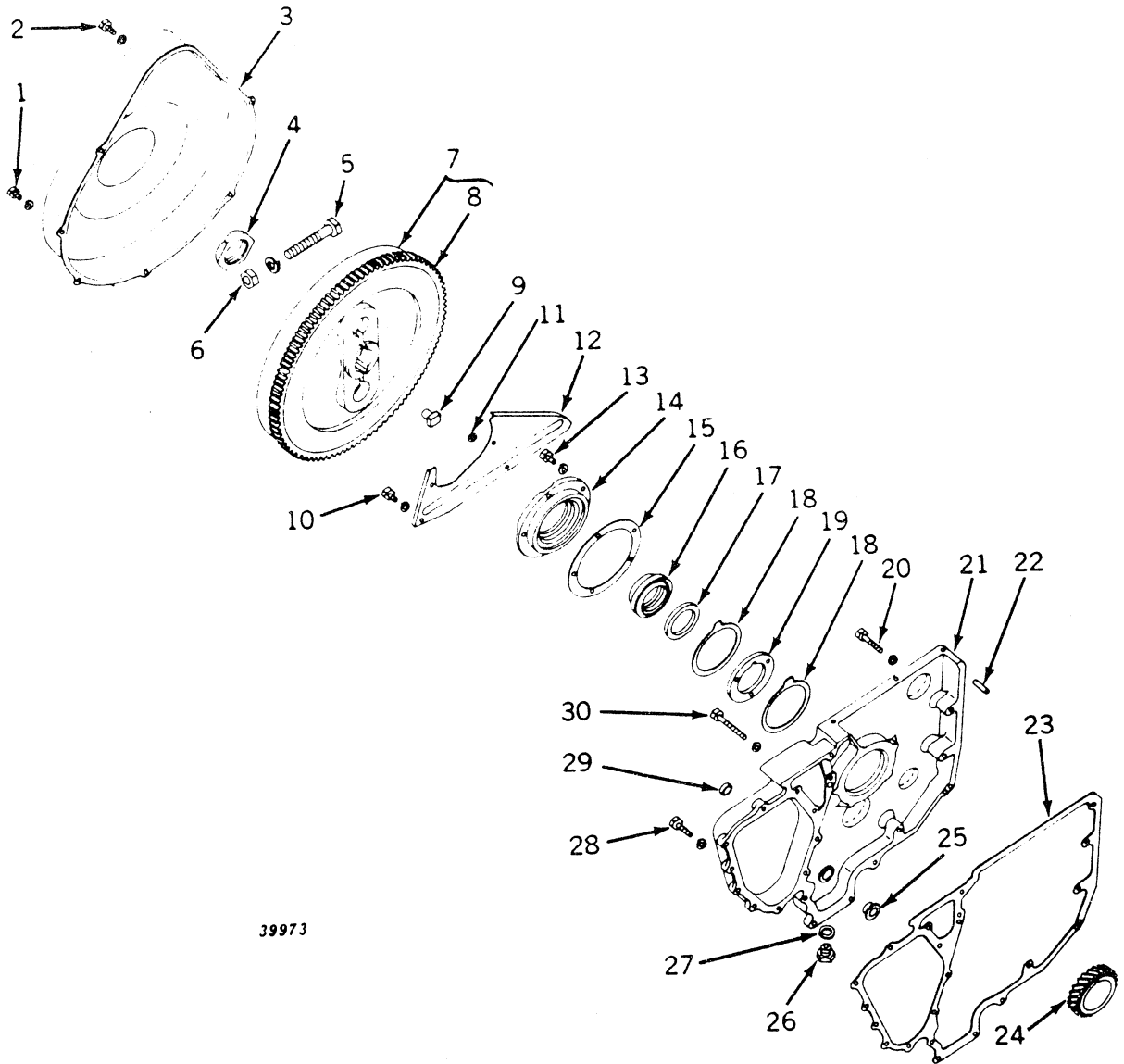
Key	Part No.	Serial No.	Description
1	F 1925 R	( - )	Gear, crankshaft
2	19H 1777	( - )	Screw, cap, high-strength, 1/2" x 1-3/4" (4 used)
3	F 262 R	( - )	Plate, lock (4 used) (packed 2 in a pkg.)
4	A 3959 R	( - )	Pin, dowel (2 used)
5	AF 3753 R	( - )	Housing, F1920R or F3571R, L.H. main bearing, with bushing (exchange credit allowable) (sub. for AF2045R)
	AF 3754 R	( - )	Housing, F1920R or F3571R, L.H. main bearing, with .002" undersize bushing (exchange credit allowable) (sub. for AF2199R)
	AF 3755 R	( - )	Housing, F1920R or F3571R, L.H. main bearing, with .004" undersize bushing (exchange credit allowable) (sub. for AF2203R)
	F 1921 R	( - )	Bushing, main bearing (To be sized after installing in housing. Always provide .0055" to .0075" clearance.)
6	26H 30	( - )	Key, Woodruff, 1/4" x 1-1/4"
7	AF 3748 R	( - )	Crankshaft, F1910R or F3561R, with counterweight and inner race (sub. for AF2193R)
8	14H 794	( - )	Nut, 3/4"
9	F 1912 R	( - )	Plate, lock
10	AF 3292 R	( - )	Bearing, center main (pkg. of two F3313R) (1 pkg. used)
	AF 3293 R	( - )	Bearing, center main, .002" undersize (pkg. of two F3264R) (1 pkg. used)
	AF 3294 R	( - )	Bearing, center main, .004" undersize (pkg. of two F3265R) (1 pkg. used)
	AF 3300 R	( - )	Bearing, center main, .020" undersize (pkg. of two F3223R) (1 pkg. used)
	AF 3301 R	( - )	Bearing, center main, .022" undersize (pkg. of two F3224R) (1 pkg. used)
	AF 3302 R	( - )	Bearing, center main, .030" undersize (pkg. of two F3225R) (1 pkg. used)
	AF 3303 R	( - )	Bearing, center main, .032" undersize (pkg. of two F3226R) (1 pkg. used)
11	AF 3286 R	( - )	Housing, F1914R, F1915R, or F3312R, center main bearing (sub. for AF2043R)
12	R 26650 R	( - )	Pin, dowel (2 used) (sub. for A4879R)
13	19H 2377	( - )	Screw, cap, soc. pln., 3/8" x 3" (2 used) (sub. for F1916R)
14	F 2231 R	( -7031299)	Screw, special cap (6 used) (sub. for F1918R) (sub. one 19H1654 and one F2358R)
	19H 1654	(7031300- )	Screw, cap, high-strength, 7/16" x 1-3/4"
15	.....	( -7031299)	Wire, 16 gauge x 30" long
16	8H 3785	( - )	Bolt, mach., 3/4" x 10"
17	26H 85	( - )	Key, Woodruff, 1/4" x 1" tractor-equipped with engine-driven power shaft)
18	F 1922 R	( - )	Gasket (packed 2 in a pkg.)
19	AF 1569 R	( - )	Baffle, transmission oil, with support
20	AF 2195 R	( - )	Housing, F1919R, R.H. main bearing, with bushing and oil seals (exchange credit allowable)
	AF 2198 R	( - )	Housing, F1919R, R.H. main bearing, with .002" undersize bushing and oil seals (exchange credit allowable)
	AF 2202 R	( - )	Housing, F1919R, R.H. main bearing, with .004" undersize bushing and oil seals (exchange credit allowable)
	F 1921 R	( - )	Bushing, main bearing (To be sized after installing in housing. Always provide .0055" to .0075" clearance.)
21	F 1383 R	( -7029399)	Screw, special cap
	F 2264 R	(7029400- )	Screw, special cap
22	AF 2426 R	( - )	Seal, oil, R.H. main bearing (2 used) (sub. for AF2046R)
23	F 2023 R	( - )	Gear, powershaft drive (tractors equipped with engine-driven powershaft)
24	F 1334 R	( - )	Ring, snap (tractors equipped with engine-driven powershaft)
25	F 1228 R	( - )	Disk, drive
26	R 20136 R	( - )	Washer (sub. for D141R)
27	19H 1835	( - )	Screw, cap, high-strength, 3/4" x 1-1/2"
	12H 236	( - )	Washer, lock, 3/4"
28	R 726 R	( - )	Pin, dowel
29	.....	( -7020913)	Wire, 16 gauge x 36" long
30	F 262 R	(7020914- )	Plate, lock (5 used) (packed 2 in a pkg.)
	F 262 R	(7020914- )	Plate, lock (sub. for F2220R) (packed 2 in a pkg.)
31	19H 1777	( - )	Screw, cap, high-strength, 1/2" x 1-3/4" (6 used) (sub. for F1923R)
32	A 4847 R	( - )	Gasket (packed 2 in a pkg.)
33	F 2358 R	(7031300- )	Plate, lock

Part listed below is not illustrated.

AF 2249 R	( - )	Gasket set, crankshaft, and bearing replacement (see gasket set group- ing for illustrations and contents)
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FLYWHEEL, FLYWHEEL COVER, AND TIMING GEAR HOUSING  
(Serial No. 7017500- )



39973

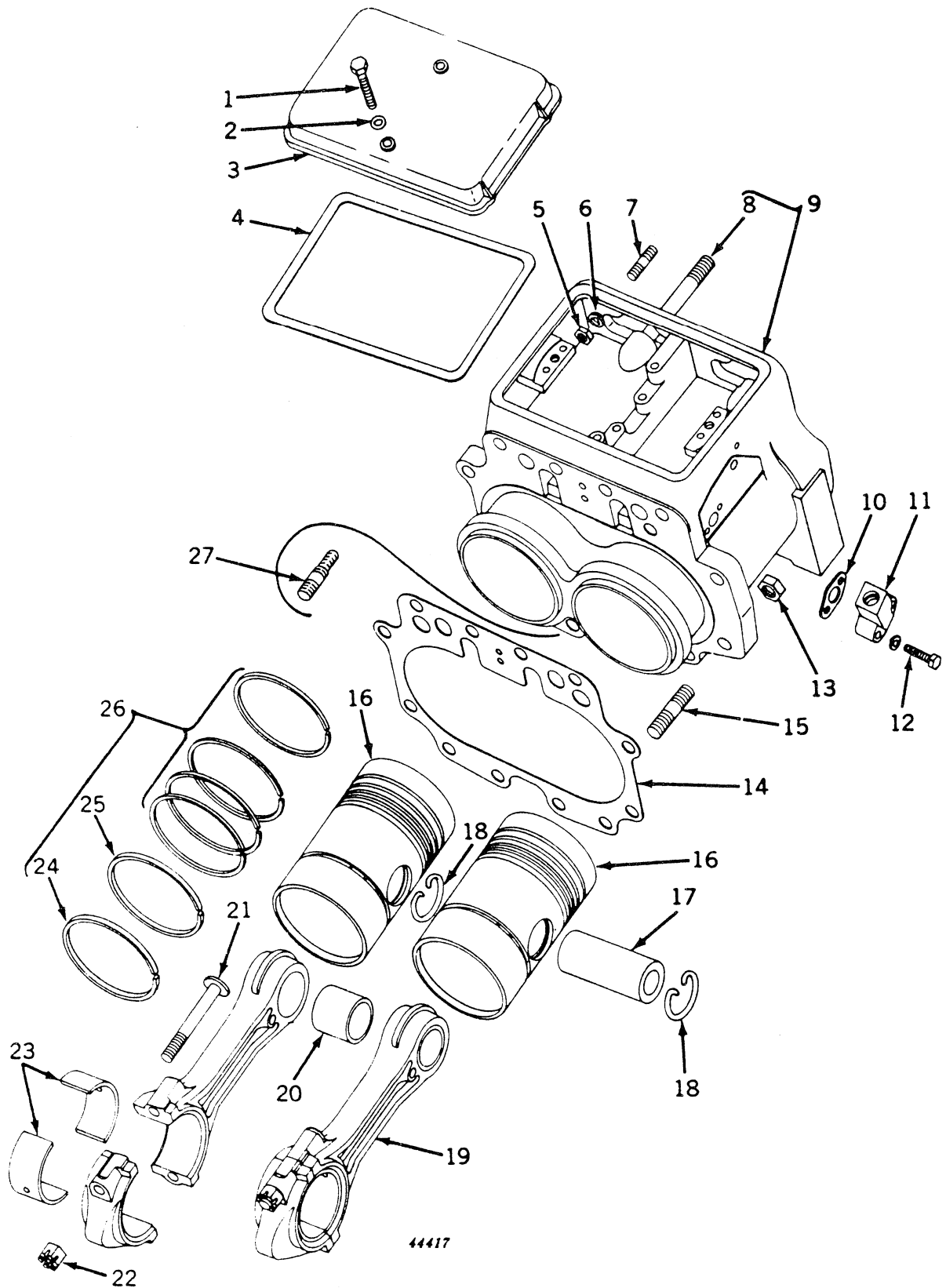
FLYWHEEL, FLYWHEEL COVER, AND TIMING GEAR HOUSING -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	19H 95	( - )	Screw, cap, 5/16" x 7/16" (6 used)
	12H 303	( - )	Washer, lock, 5/16" (6 used)
2	19H 1935	( - )	Screw, cap, high-strength, 3/8" x 3/4" (sub. for F2272R)
	12H 304	( - )	Washer, lock, 3/8"
3	F 1932 R	( - )	Cover, flywheel
4	A 3312 R	( - )	Nut
5	8H 1496	( - )	Bolt, mach., 3/4" x 4-3/4" (2 used)
	12H 236	( - )	Washer, lock, 3/4" (2 used)
6	14H 794	( - )	Nut, 3/4" (2 used)
7	AF 2194 R	( - )	Flywheel, F1913R, with starter gear
8	A 2238 R	( - )	Gear, starter
9	D 2009 R	( - )	Pin, spacer drive (packed 5 in a pkg.)
10	19H 95	( - )	Screw, cap, 5/16" x 7/16" (4 used)
	12H 303	( - )	Washer, lock, 5/16" (4 used)
11	24H 1305	( - )	Washer, 13/32" x 13/16" x .060"
12	AR 20494 R	( - )	Plate, flywheel cover back, with felts (sub. for F1931R) (sub. AR21847R back plate cover, R21676R upper seal and R21677R lower seal)
	F 2423 R	(7038245- )	Felt, cover back plate, front (sub. A3311R felt)
	F 2424 R	(7038245- )	Felt, cover back plate, rear (sub. A3311R felt, 2 for 1)
13	19H 1139	( - )	Screw, cap, high-strength, 3/8" x 1-1/8" (5 used)
	12H 304	( - )	Washer, lock, 3/8" (5 used)
14	F 1928 R	( - )	Cover, crankshaft thrust
15	F 1929 R	( - )	Shim, paper (2 used) (packed 5 in a pkg.)
	F 2443 R	( - )	Shim, steel (sub. for F1930R) (packed 2 in a pkg.)
16	AA 5409 R	( - )	Spacer, A3324R, with oil seal
17	A 4224 R	( - )	Seal, oil, rubber (packed 5 in a pkg.)
18	F 1926 R	( - )	Washer, crankshaft thrust (2 used)
19	F 1927 R	( - )	Plate, crankshaft thrust
20	19H 2055	( - )	Screw, cap, high-strength, 7/16" x 2-1/4" (6 used)
	12H 293	( - )	Washer, lock, 7/16" (6 used)
21	AF 2068 R	( - )	Housing, F1904R, timing gear, with bushing
22	F 2145 R	( - )	Pin, dowel (2 used)
23	F 1905 R	( - )	Casket (packed 2 in a pkg.)
24	F 1925 R	( - )	Gear, crankshaft
25	A 3907 R	( - )	Bushing
26	R 228 R	( - )	Plug, drain
27	R 229 R	( - )	Washer (packed 2 in a pkg.)
28	19H 1800	( - )	Screw, cap, high-strength, 3/8" x 1-1/2" (14 used)
	12H 304	( - )	Washer, lock, 3/8" (14 used)
29	A 3910 R	( - )	Plug
30	19H 1854	( - )	Screw, cap, high-strength, 7/16" x 3-1/4"
	12H 293	( - )	Washer, lock, 7/16"

Parts listed below are an assembly of some of the parts in this grouping.

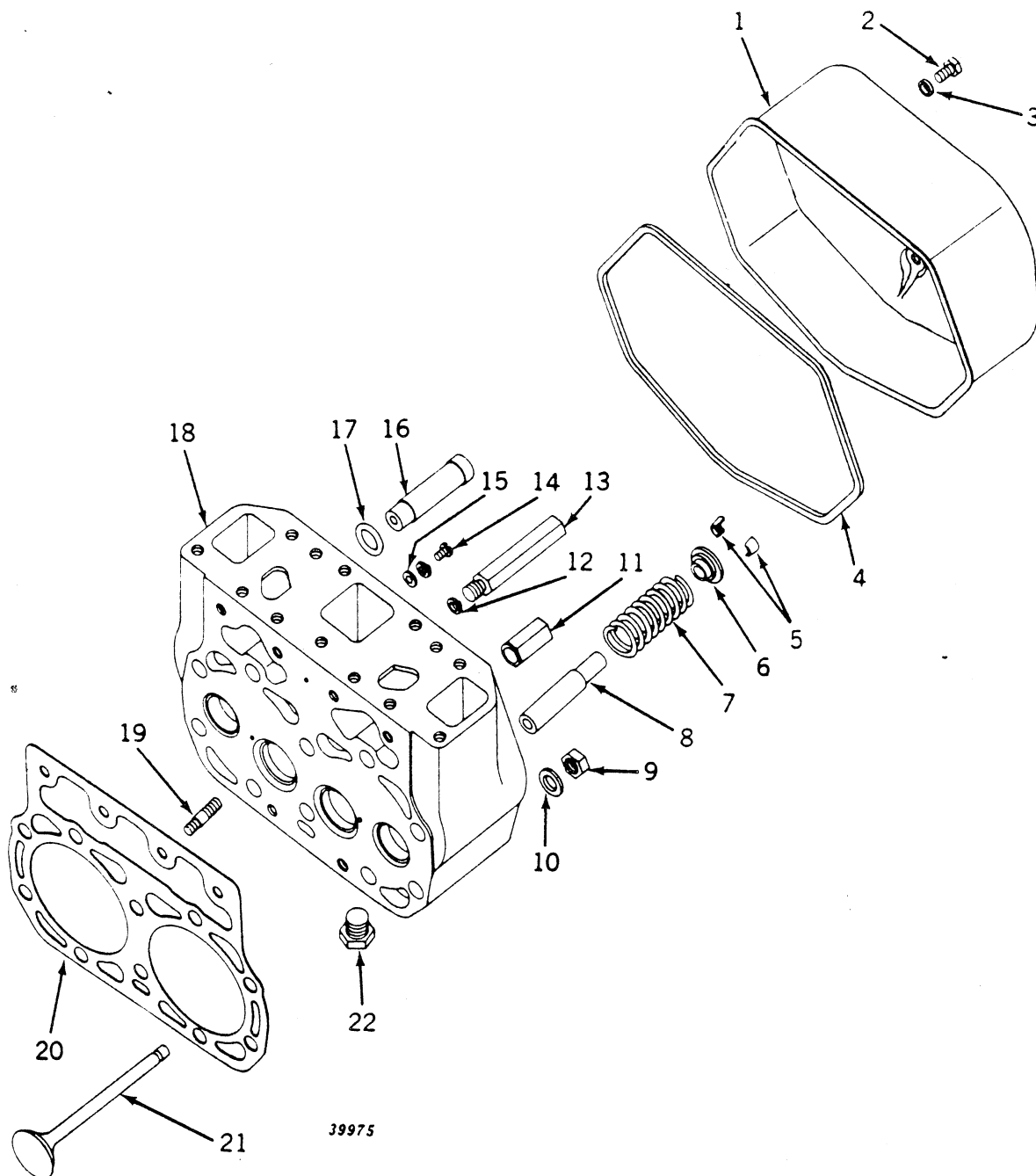
AR 21950 R ( - ) Kit, oil slinger service consisting of:  
 One AR21951R flywheel spacer with A4224R packing;  
 One AR21952R housing and R21803R flywheel spacer with AF2426R oil seal, R21626R felt washer, and F1743R pin;  
 Two R1926R thrust washer;  
 Six F1929R shim, .005" steel;  
 Five F2443R shim, .005" paper; and  
 One R21804R thrust washer locator

CYLINDER BLOCK, CONNECTING RODS, AND PISTONS  
(Serial No. 7017500- )



CYLINDER BLOCK, CONNECTING RODS, AND PISTONS -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	19H 1854	( - )	Screw, cap, 7/16" x 3-1/4" (2 used)
2	A 3439 R	( - )	Gasket (2 used) (packed 5 in a pkg.) (sub. for B214R)
3	R 60 R	( - )	Cover, cylinder
4	R 61 R	( - )	Gasket (packed 5 in a pkg.)
5	14H 391	( - )	Nut, 1/2" (4 used)
6	12H 301	( - )	Washer, lock, 1/2" (4 used)
7	D 488 R	( - )	Stud, 1/2" x 2" (4 used)
8	R 1254 R	( - )	Stud, 3/4" x 7-7/16" (10 used) (sub. for D1717R)
9	AF 3703 R	( - )	Cylinder, F1956R or F3510R, with studs (on 7017500-7022819 also furnish four F2236R studs) (sub. for AF2188R)
10	F 1777 R	( - )	Gasket (packed 2 in a pkg.)
11	F 1776 R	( - )	Outlet, cylinder water
12	19H 2313	( - )	Screw, cap, 5/16" x 1-3/4" (2 used) (sub. for F2271R)
	12H 303	( - )	Washer, lock, 5/16" (2 used)
13	14H 794	( - )	Nut, 3/4" (12 used)
14	F 2251 R	( - )	Gasket (packed 2 in a pkg.) (sub. for F1957R)
15	F 1549 R	( -7022819)	Stud, 3/4" x 3-1/8" (4 used) (sub. for D409R)
	F 2236 R	(7022820-)	Stud, 3/4" x 4-1/2" (4 used)
16	AF 3760 R	( - )	Piston, with rings and pins (sub. for AF2219R, two F1793R)
	AF 3762 R	( - )	Piston, .045" oversize, with rings (sub. for AF2220R, two F2173R)
	AF 3764 R	( - )	Piston, with rings (one piston only)
17	F 1794 R	( - )	Pin, piston (pkg. of 2) (sub. for AF2221R)
	F 2178 R	( - )	Pin, piston, .003" oversize (pkg. of 2) (sub. for AF2222R)
	F 2179 R	( - )	Pin, piston, .005" oversize (pkg. of 2) (sub. for AF2223R)
18	R 239 R	( - )	Ring, snap (4 used) (packed 2 in a pkg.)
19	AF 2440 R	( - )	Rod, F1792R or F2432R, connecting, with piston pin bushing only (2 used) (sub. for AF2009R)
20	R 1884 R	( - )	Bushing, piston pin (pkg. of 2) (sub. for AR829R)
21	AR 1020 R	( - )	Bolt, connecting rod, with nut (4 used)
22	R 1236 R	( - )	Nut, special lock (4 used) (packed 5 in a pkg.)
23	AF 2226 R	( - )	Bearing, connecting rod (pkg. of two F1799R) (2 pkgs. used)
	AF 2227 R	( - )	Bearing, connecting rod, .002" undersize (pkg. of two F2180R) (2 pkgs. used)
	AF 2228 R	( - )	Bearing, connecting rod, .004" undersize (pkg. of two F2181R) (2 pkgs. used)
	AF 3304 R	( - )	Bearing, connecting rod, .020" undersize (pkg. of two F3227R) (2 pkgs. used)
	AF 3305 R	( - )	Bearing, connecting rod, .022" undersize (pkg. of two F3228R) (2 pkgs. used)
	AF 3306 R	( - )	Bearing, connecting rod, .030" undersize (pkg. of two F3229R) (2 pkgs. used)
	AF 3307 R	( - )	Bearing, connecting rod, .032" undersize (pkg. of two F3230R) (2 pkgs. used)
24	AF 2276 R	( - )	Ring, piston, oil control, skirt end (pkg. of 2)
	AF 2278 R	( - )	Ring, piston, .045" oversize, oil control, skirt end (pkg. of 2)
25	AF 2275 R	( - )	Ring, piston, oil control, slotted (pkg. of 2)
	AF 2277 R	( - )	Ring, piston, .045" oversize, oil control, slotted (pkg. of 2)
26	AF 2224 R	( - )	Ring, piston (set of 4 oil control and 8 compression) (use with piston marked F1793R)
	AF 3768 R	( - )	Ring, piston (set of 4 oil control and 8 compression) (use with piston marked AF3764R)
	AF 2225 R	( - )	Ring, piston, .045" oversize (set of 4 oil control and 8 compression) (use with keystone piston marked F2173R)
	AF 3769 R	( - )	Ring, piston, .045" oversize (set of 4 oil control and 8 compression) (use with piston marked AF3766R)
	AR 21887 R	( - )	Ring, piston, heavy-duty (set of 4 oil control, 8 compression and 4 expanders)
	AR 21983 R	( - )	Ring, piston, heavy-duty, oil control (set of 4 rings for grooves 5 and 6, and 2 expanders for grooves 6)
27	F 1549 R	( - )	Stud, 3/4" x 3-1/8" (8 used) (sub. for D409R)
Part listed below is not illustrated.			
	AF 3906 R	( - )	Gasket set, valve, ring, and cylinder replacement (see gasket set grouping for illustrations and contents) (sub. for AF2248R)

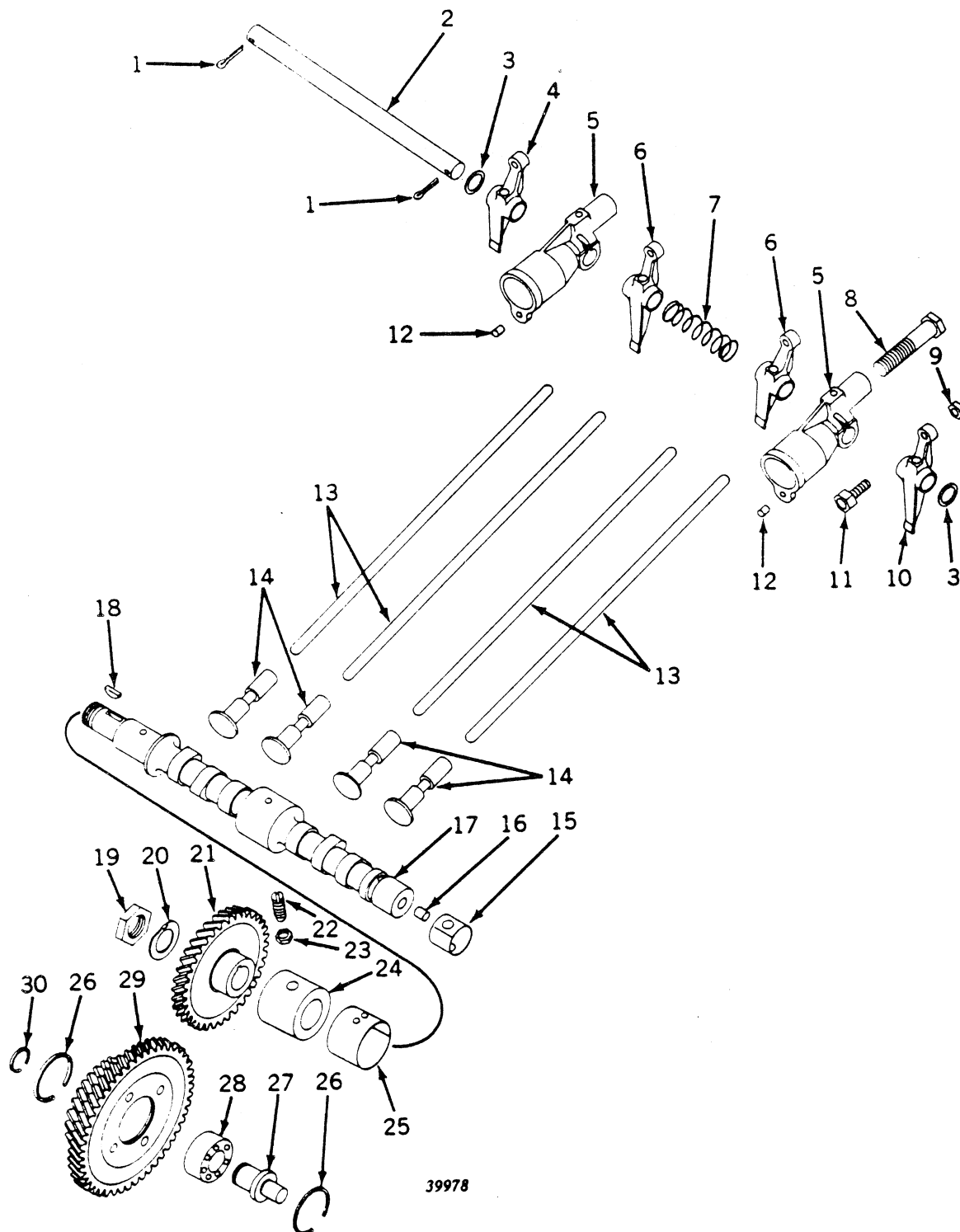
CYLINDER HEAD, VALVES, AND TAPPET COVER  
(Serial No. 7017500- )

CYLINDER HEAD, VALVES, AND TAPPET COVER -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	F 1897 R	( - )	Cover, tappet lever
2	19H 1924	( - )	Screw, cap, 7/16" x 3/4" (3 used)
3	A 3439 R	( - )	Washer (3 used) (packed 5 in a pkg.)
4	F 1898 R	( - )	Gasket (packed 5 in a pkg.)
5	A 2332 R	( - )	Lock, retainer (8 used) (packed 2 in a pkg.)
6	A 2333 R	( - )	Cap, valve spring (4 used)
7	F 2143 R	( - )	Spring, valve (4 used) (packed 2 in a pkg.)
8	A 2467 R	( - )	Guide, valve (pkg. of 4) (4 used) (sub. for AA4897R)
9	14H 794	( - )	Nut, 3/4" (8 used)
10	264 R	( - )	Washer, lead (10 used) (packed 100 in a pkg.)
11	R 59 R	( - )	Nut, coupling
12	12H 293	( - )	Washer, lock, 7/16"
13	F 1899 R	( - )	Support, tappet lever cover
14	21H 1018	( - )	Screw, mach., 1/4" x 3/8" (2 used)
	12H 309	( - )	Washer, lock, 1/4" (2 used)
15	24H 1287	( - )	Washer, 9/32" x 5/8" x .060" (2 used)
16	AF 3190 R	( - )	Sleeve, injector nozzle (2 used) (sub. for AR354R)
17	R 1225 R	( - )	O-ring (2 used) (packed 2 in a pkg.)
18	AF 2461 R	( - )	Head, F1958R or F3511R, cylinder, with valve guides, studs, pins, and cylinder head gasket (sub. for AF2187R)
19	D 488 R	( - )	Stud, 1/2" x 2" (4 used)
20	R 21449 R	( - )	Gasket (sub. for F1959R or F3512R)
21	R 57 R	( - )	Valve, intake (packed 2 in a pkg.) (sub. for AR585R)
	F 3214 R	( - )	Valve, exhaust (packed 2 in a pkg.) (sub. for AR584R)
22	A 2093 R	( - )	Plug, drain (packed 5 in a pkg.)

# CAMSHAFT AND TAPPET ASSEMBLY

(Serial No. 7017500- )



39978

CAMSHAFT AND TAPPET ASSEMBLY -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	11H 222	( - )	Pin, cotter, 3/16" x 1-1/4" (2 used)
2	R 1143 R	( - )	Shaft, tappet lever
3	24H 1660	( - )	Washer, 57/64" x 1-3/8" x .060" (2 used)
4	R 146 R	( - )	Lever, exhaust tappet, L. H.
5	F 1896 R	( - )	Bracket (2 used)
6	R 144 R	( - )	Lever, inlet tappet (2 used)
7	R 1360 R	( - )	Spring (sub. for R149R)
8	19H 1471	( - )	Screw, cap, 3/4" x 3-1/2" (2 used)
9	14H 846	( - )	Nut, 3/8" (4 used)
10	R 145 R	( - )	Lever, exhaust tappet, R. H.
11	F 2259 R	( - )	Screw, adjusting (4 used) (sub. for A1291R)
12	F 1743 R	( - )	Pin, dowel (2 used) (packed 2 in a pkg.) (sub. for D186R)
13	F 1895 R	( - )	Rod, tappet (4 used)
14	F 1894 R	( - )	Follower, cam (4 used)
15	R 2609 R	( - )	Bushing, camshaft, R. H. (sub. for AR710R or R1017R)
16	R 726 R	( - )	Pin, dowel
17	AF 2034 R	( - )	Camshaft, with pin (sub. AR20247R camshaft and *AR20874R injection pump, fuel bleed system)
18	26H 85	( - )	Key, Woodruff, 1/4" x 1"
19	R 129 R	( - )	Nut, locking
20	F 1892 R	( - )	Plate, lock (packed 2 in a pkg.)
21	F 3324 R	( - )	Gear, camshaft (sub. for F1891R)
22	R 20242 R	( - )	Screw, special (sub. for F1893R)
23	14H 473	( - )	Nut, jam, 1/2"
24	F 1890 R	( - )	Bearing, camshaft, L. H.
25	R 2608 R	( - )	Bushing, camshaft, center (sub. for AR711R and R1019R)
26	A 1401 R	( - )	Ring, snap (2 used) (packed 2 in a pkg.)
27	F 1900 R	( - )	Shaft, camshaft and governor idler gear
28	JD 8531	( - )	Bearing
29	AF 2037 R	( - )	Gear, camshaft and governor idler
30	A 378 R	( - )	Ring, snap (packed 5 in a pkg.)
Parts listed below are not illustrated.			
	AR 21616 R	( - )	Gear, camshaft and governor idler, with R21523R O. S. shaft, consisting of:
	19H 1828	( - )	Screw, cap, high-strength, 7/16" x 4", special washer to case
	19H 2376	( - )	Screw, cap, high-strength, 3/8" x 1-1/8", idler gear to idler gear (4 used)
	24H 1652	( - )	Washer, special, gear to gear screws, 13/32" x 11/16" x .105" (4 used)
	A 3959 R	( - )	Pin, dowel, governor idler gear
	AR 20493 R	( - )	Gear, R20371R and R20372R, camshaft idler and governor idler
	R 20374 R	( - )	Washer, special idler gear bearing retaining
	R 21076 R	( - )	Plate, lock, gear bearing retainer screw
	R 21523 R	( - )	Shaft, camshaft and governor idler gear, .020" oversize
	JD 7195	( - )	Bearing, ball, camshaft and governor idler gear

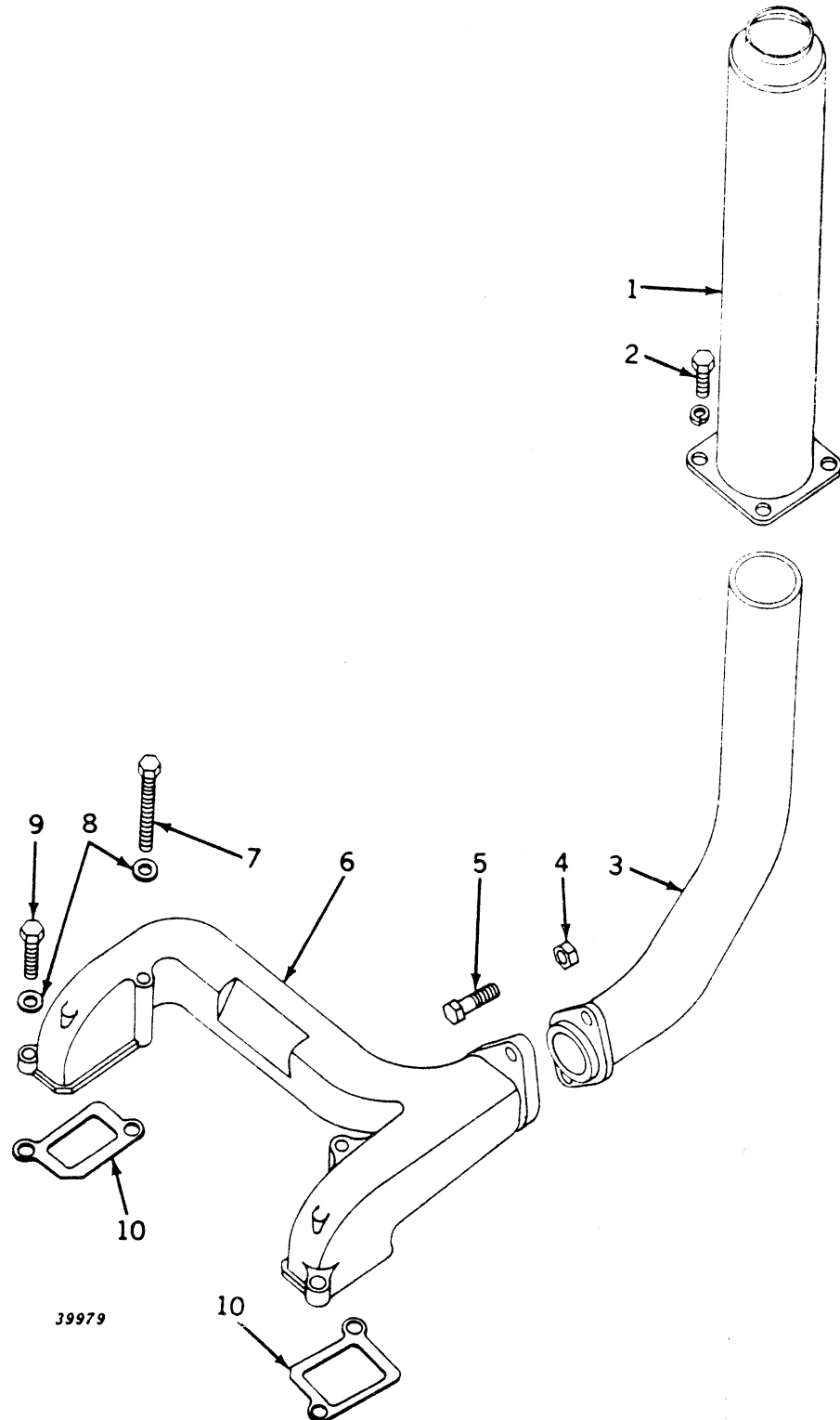
\* Parts for AR20874R injection pump fuel bleed system.



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EXHAUST PIPE AND MUFFLER  
(Serial No. 7017500- )

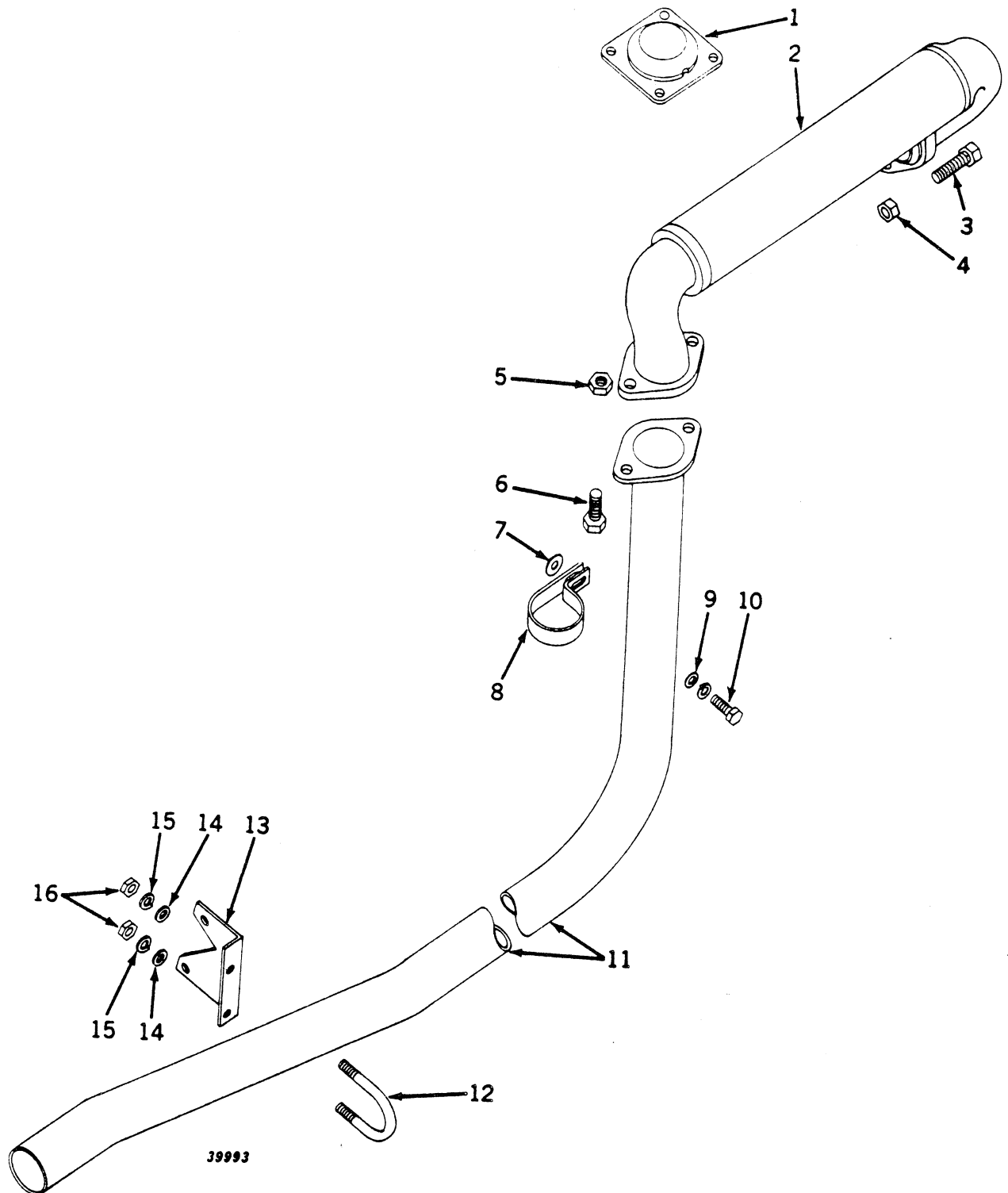
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EXHAUST PIPE AND MUFFLER -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AF 3770 R	( - )	Muffler (sub. for AA300R)
2	19H 1936	( - )	Screw, cap, 3/8" x 3/4" (4 used) (sub. for F2272R)
	12H 304	( - )	Washer, lock, 3/8" (4 used)
3	AR 20517 R	( - )	Pipe, exhaust, with flange (sub. for AF1972R)
4	14H 309	( - )	Nut, 1/2" (2 used)
5	19H 1777	( - )	Screw, cap, high-strength, 1/2" x 1-3/4" (2 used)
6	F 1763 R	( - )	Outlet, exhaust
7	19H 2133	( - )	Screw, special cap, 1/2" x 4-1/4" (2 used)
8	24H 1341	( - )	Washer, 17/32" x 15/16" x .060" (4 used)
9	19H 1805	( - )	Screw, cap, high-strength, 1/2" x 2-1/4" (2 used)
10	F 1764 R	( - )	Gasket (2 used) (packed 2 in a pkg.)

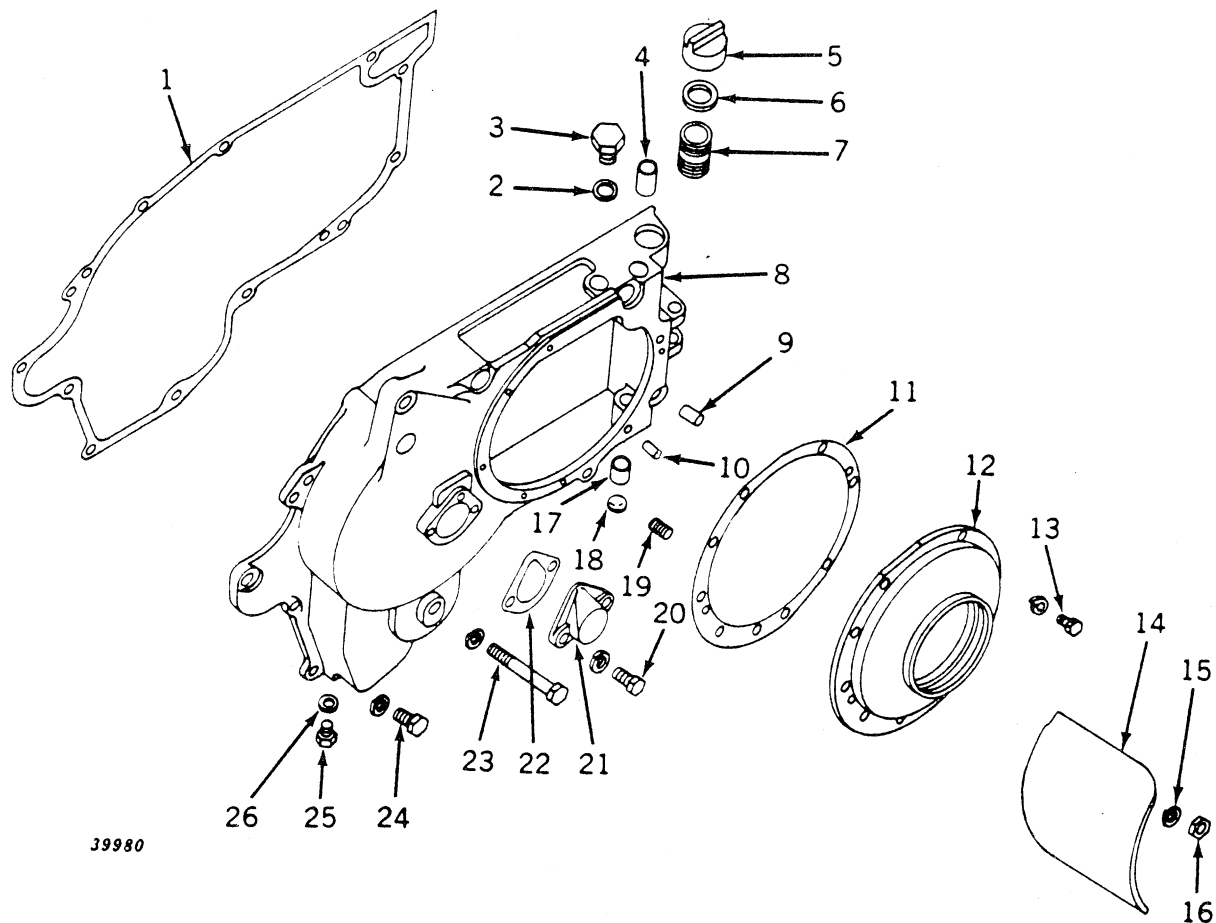
MUFFLER AND TAIL PIPE  
(Serial No. 7017500- )



MUFFLER AND TAIL PIPE -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	A 4374 R	( - )	Cover, muffler opening
2	AF 2164 R	( - )	Muffler
3	19H 1831	( - )	Screw, cap, high-strength, 1/2" x 2" (2 used)
4	14H 809	( - )	Nut, 1/2" (2 used)
5	14H 809	( - )	Nut, 1/2" (2 used)
6	19H 1777	( - )	Screw, cap, high-strength, 1/2" x 1-3/4" (2 used)
7	24H 1309	( - )	Washer, 13/32" x 1-1/16" x .120" (3 used)
8	F 1451 R	( - )	Clamp
9	24H 1305	( - )	Washer, 25/64" x 7/8" x .060"
10	19H 1800	( - )	Screw, cap, high-strength, 3/8" x 1-1/2"
	12H 304	( - )	Washer, lock, 3/8"
11	AF 1517 R	( - )	Pipe, tail, with flange (sub. AF2994R and F3062R)
12	F 1452 R	( - )	U-bolt
13	F 3062 R	( - )	Bracket, tail pipe (sub. for F1312R)
14	24H 1136	( - )	Washer, 21/64" x 3/4" x .060" (2 used)
15	12H 303	( - )	Washer, lock, 5/16" (2 used)
16	14H 785	( - )	Nut, 5/16" (2 used)

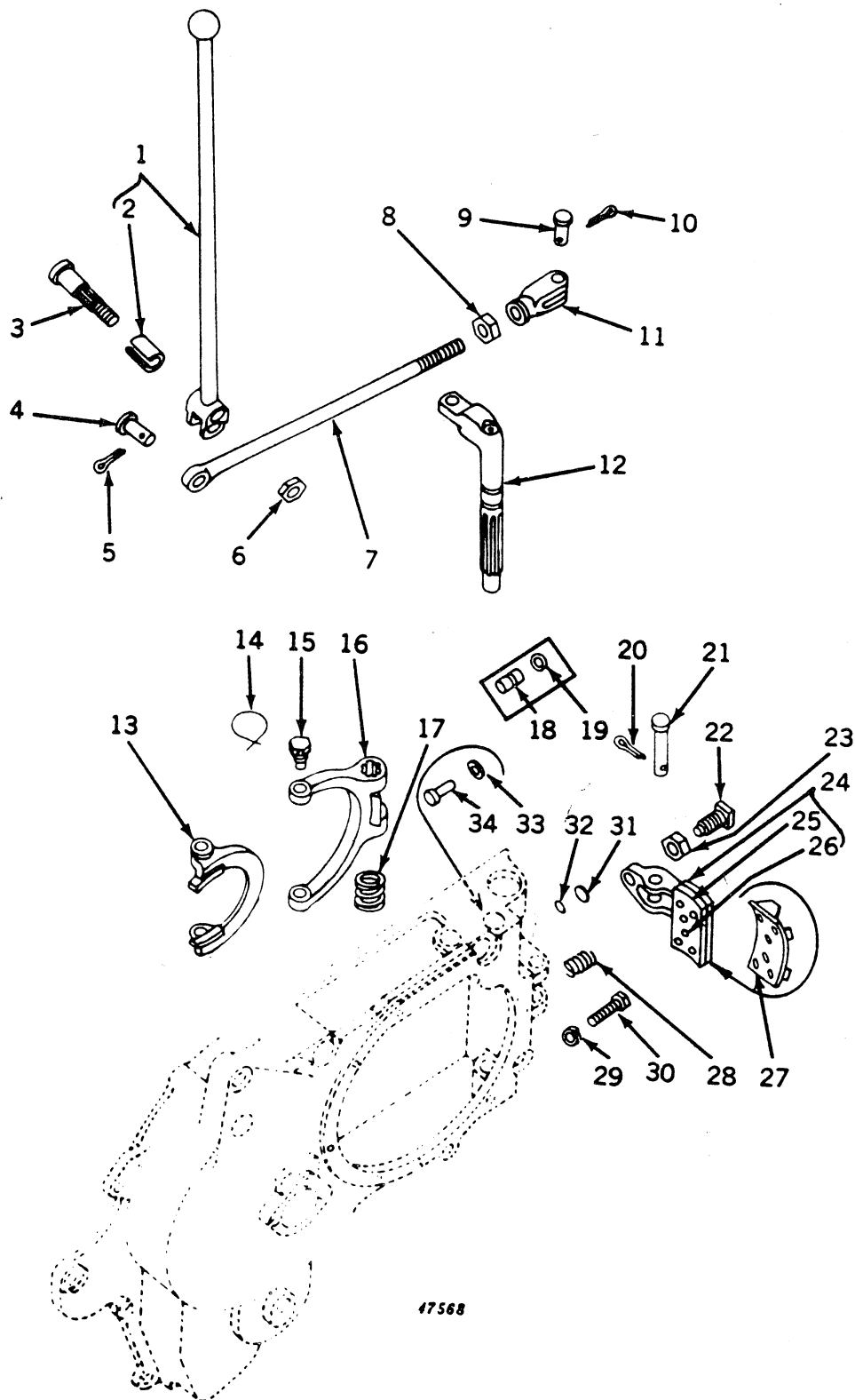
FIRST REDUCTION GEAR COVER  
(Serial No. 7017500- )



39980

FIRST REDUCTION GEAR COVER -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	F 2383 R	( - )	Gasket (packed 2 in a pkg.) (sub. for F1245R)
2	A 4827 R	( - )	Washer (packed 2 in a pkg.)
3	F 3128 R	( - )	Plug (sub. for F1250R)
4	F 1246 R	( - )	Bushing
5	A 4233 R	( - )	Cap
6	A 4235 R	( - )	Gasket (packed 2 in a pkg.)
7	A 4234 R	( - )	Nipple
8	AF 2060 R	( -7031299)	Cover, F1805R, with bushings, oil filler nipple, cap, and plugs (sub. one AF2353R cover, one R1472R plug, one A3917R packing, one F2362R pin, and six 24H1317)
	AF 2353 R	(7031300- )	Cover, F2361R, first reduction gear, with bushings, oil filler nipple, cap, and plugs
9	A 120 R	( - )	Pin, dowel (2 used) (packed 2 in a pkg.)
10	A 4879 R	( - )	Pin, dowel (2 used) (packed 2 in a pkg.)
11	F 1396 R	( - )	Gasket (packed 5 in a pkg.)
12	F 3379 R	( - )	Seal, pulley oil (sub. for F1393R)
13	19H 1731	( - )	Screw, cap, 3/8" x 1" (6 used)
	12H 304	( - )	Washer, lock, 3/8" (6 used)
14	F 1397 R	( - )	Guard, pulley
15	12H 304	( - )	Washer, lock, 3/8" (3 used)
16	14H 812	( - )	Nut, 3/8" (3 used)
17	R 796 R	( - )	Bushing
18	30H 13	( - )	Plug, expansion, 1-3/4"
19	R 32042 R	( - )	Stud, 3/8" x 1-3/8" (3 used) (sub. for A119R)
20	19H 1139	( - )	Screw, cap, high-strength, 3/8" x 1-1/8" (2 used)
	12H 304	( - )	Washer, lock, 3/8" (2 used)
21	A 3816 R	( - )	Cover
22	A 3817 R	( - )	Gasket (packed 5 in a pkg.)
23	19H 2324	( - )	Screw, cap, high-strength, 7/16" x 4-1/2" (5 used)
	12H 293	( - )	Washer, lock, 7/16" (5 used)
24	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (7 used)
	12H 293	( - )	Washer, lock, 7/16" (7 used)
25	19H 2038	( - )	Screw, cap, high-strength, 3/8" x 1/2"
26	A 3098 R	( - )	Washer (packed 5 in a pkg.)

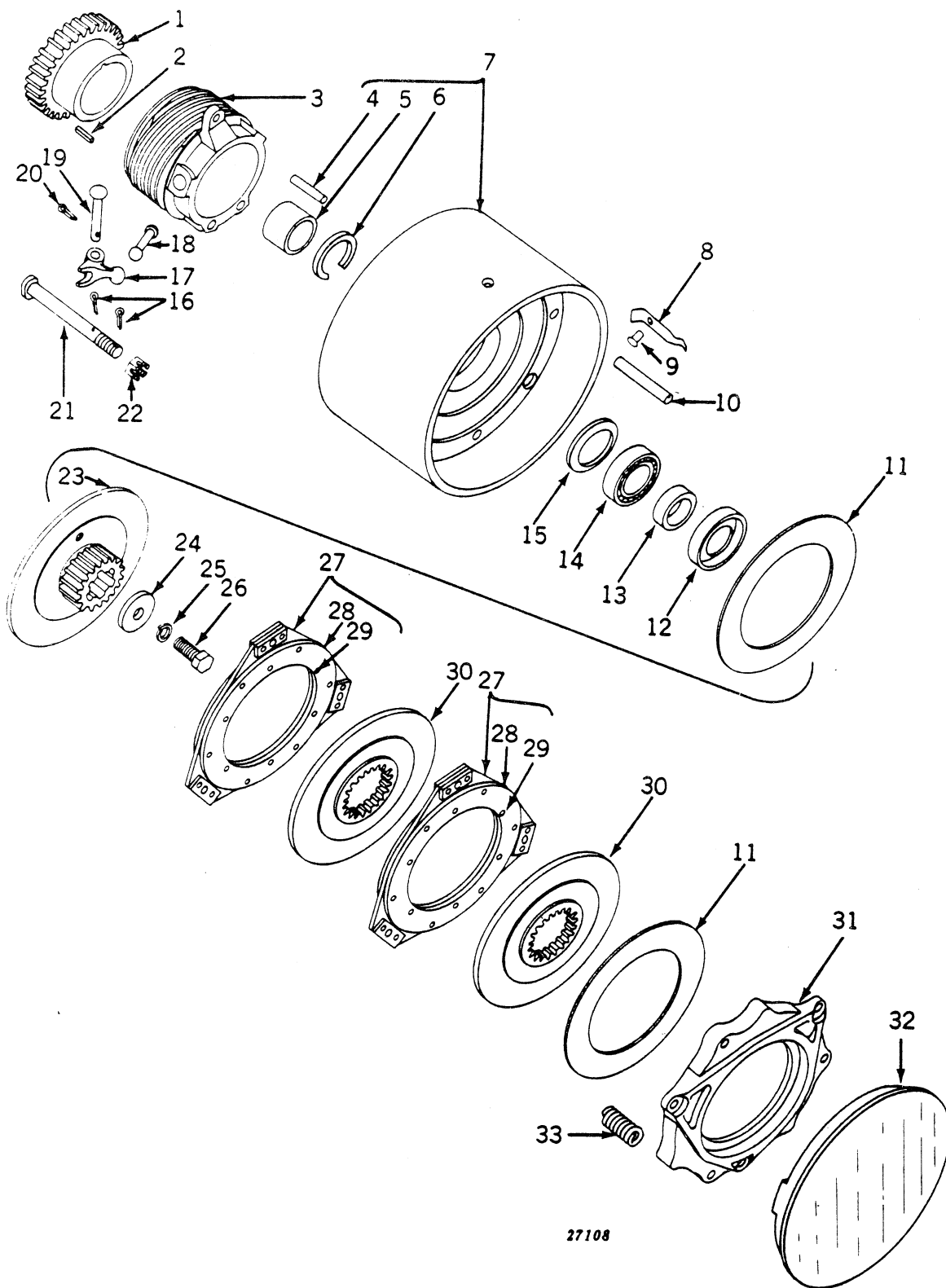
CLUTCH OPERATING PARTS  
(Serial No. 7017500- )

CLUTCH OPERATING PARTS -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AA 5085 R	( - )	Lever, A4368R, clutch operating, with bushing
2	A 1197 R	( - )	Bushing (packed 2 in a pkg.)
3	D 2031 R	( - )	Bolt, pivot
4	D 1994 R	( - )	Pin (packed 5 in a pkg.)
5	11H 236	( - )	Pin, cotter, 1/8" x 1"
6	14H 760	( - )	Nut, 5/8"
7	F 1408 R	( - )	Rod, operating
8	14H 886	( - )	Nut, 9/16"
9	D 1994 R	( - )	Pin (packed 5 in a pkg.)
10	11H 236	( - )	Pin, cotter, 1/8" x 1"
11	D 393 R	( - )	Yoke
12	F 1401 R	( - )	Shaft, clutch fork
13	F 1399 R	( - )	Collar, clutch
14	.....	( - )	Wire, 16 gauge x 6" long (2 used)
15	D 178 R	( - )	Pivot, fork (2 used)
16	F 1398 R	( - )	Fork, clutch
17	F 1402 R	( - )	Spring, clutch fork shaft
18	F 1403 R	( -7031299)	Pin, operating, pulley brake
19	AF 1576 R	( -7031299)	Seal, oil
20	11H 236	( - )	Pin, cotter, 1/8" x 1"
21	R 20448 R	( - )	Pin, pivot (sub. for F1446R)
22	22H 169	( - )	Screw, set, 1/2" x 1-3/4"
23	14H 473	( - )	Nut, jam, 1/2"
24	AF 1577 R	( - )	Brake, F1405R, pulley, with lining (sub. F2587R)
25	D 1932 R	( - )	Lining, brake
26	A 4363 R	( - )	Rivet (6 used) (packed 100 in a pkg.)
27	AB 4748 R	( - )	Lining, brake, with adapter (packed 20 in a pkg.)
28	R 673 R	( - )	Spring
29	A 3098 R	( - )	Washer (packed 5 in a pkg.)
30	19H 1936	( - )	Screw, cap, 3/8" x 3/4" (sub. for F2272R)
31	R 1472 R	(7031300- )	Plug, expansion
32	A 3917 R	(7031300- )	O-ring (packed 2 in a pkg.)
33	24H 1317	(7031300- )	Washer, on operating pin, 27/64" x 3/4" x .018"
	24H 1303	(7031300- )	Washer, on operating pin, 13/32" x 11/16" x .060"
	R 1520 R	(7031300- )	Washer, on operating pin, 25/64" x 11/16" x .010" (packed 2 in a pkg.)
34	F 2362 R	(7031300- )	Pin, operating, pulley brake



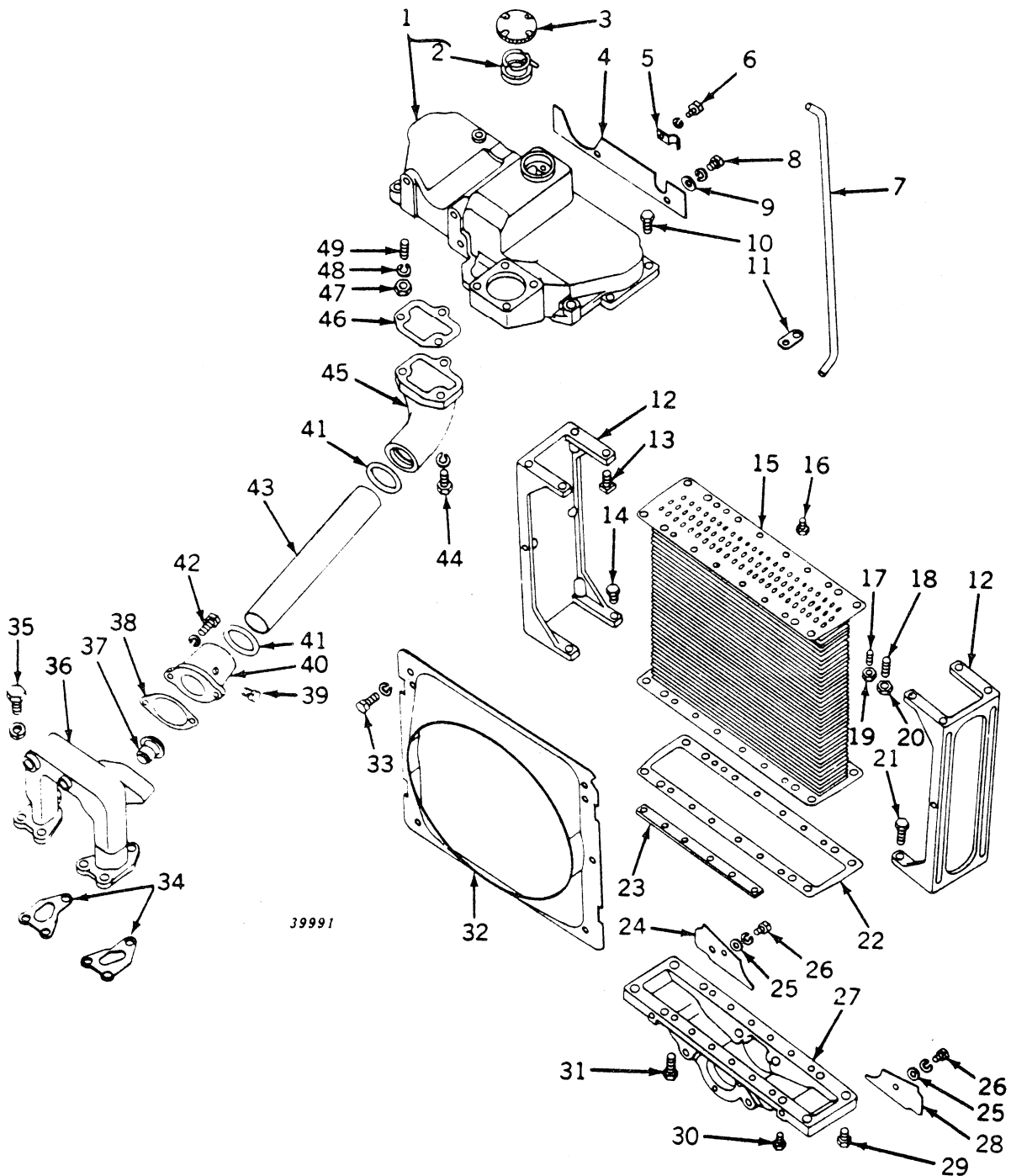
PULLEY AND CLUTCH  
(Serial No. 7017500- )



**PULLEY AND CLUTCH -- Continued**  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	F 1762 R	( - )	Gear, pulley
2	D 279 R	( - )	Key
3	AF 3851 R	( - )	Sleeve, F3622R, clutch operating, with F3623R retainer and JD7760 grease fitting (sub. for F1387R)
4	A 5866 R	( - )	Pin, drive (sub. for B2346R)
5	F 1390 R	( - )	Bushing
6	F 1389 R	( - )	Ring, snap
7	AF 1612 R	( - )	Pulley, F1385R, belt, with bushing, snap ring, drive pin and springs
8	F 1391 R	( - )	Spring, dust cover (3 used)
9	16H 644	( - )	Rivet, R. L. O. H., 1/4" x 1/2" (3 used)
10	F 1388 R	( - )	Pin, clutch drive (3 used)
11	C 614 R	( - )	Facing, clutch (2 used) (packed 10 in a pkg.)
12	F 1394 R	( - )	Retainer, bearing
13	JD 7576	( - )	Race, inner
14	JD 7943	( - )	Race, outer, with rollers
15	F 1395 R	( - )	Washer, bearing
16	11H 236	( - )	Pin, cotter, 1/8" x 1" (6 used)
17	C 74 R	( - )	Dog, clutch (3 used) (packed 2 in a pkg.)
18	C 434 R	( - )	Toggle, clutch dog (3 used)
19	D 355 R	( - )	Pin, clutch dog (3 used)
20	11H 216	( - )	Pin, cotter, 3/16" x 3/4" (3 used)
21	F 1392 R	( - )	Bolt, clutch operating (3 used)
	AR 21803 R	( - )	Washer, spring steel, on clutch operating bolt (set of 3)
22	D 2789 R	( - )	Nut, slotted, 9/16" (3 used) (sub. for AD2850R) (packed 5 in a pkg.)
23	F 1228 R	( - )	Disk, fixed clutch drive
24	R 20136 R	( - )	Washer (sub. for D141R)
25	12H 17 R	( - )	Washer, lock, 3/4"
26	19H 1835	( - )	Screw, cap, high-strength, 3/4" x 1-1/2"
27	AA 6129 R	( - )	Disk, clutch facing, with facings (2 used)
28	D 1760 R	( - )	Facing (4 used) (packed 10 in a pkg.)
29	D 2309 R	( - )	Rivet (24 used) (sub. for AD1773R) (packed 100 in a pkg.)
30	A 4355 R	( - )	Disk, sliding drive (2 used)
31	F 1400 R	( - )	Disk, clutch adjusting
32	F 821 R	( - )	Cover, dust
33	A 352 R	( - )	Spring (3 used) (packed 10 in a pkg.)

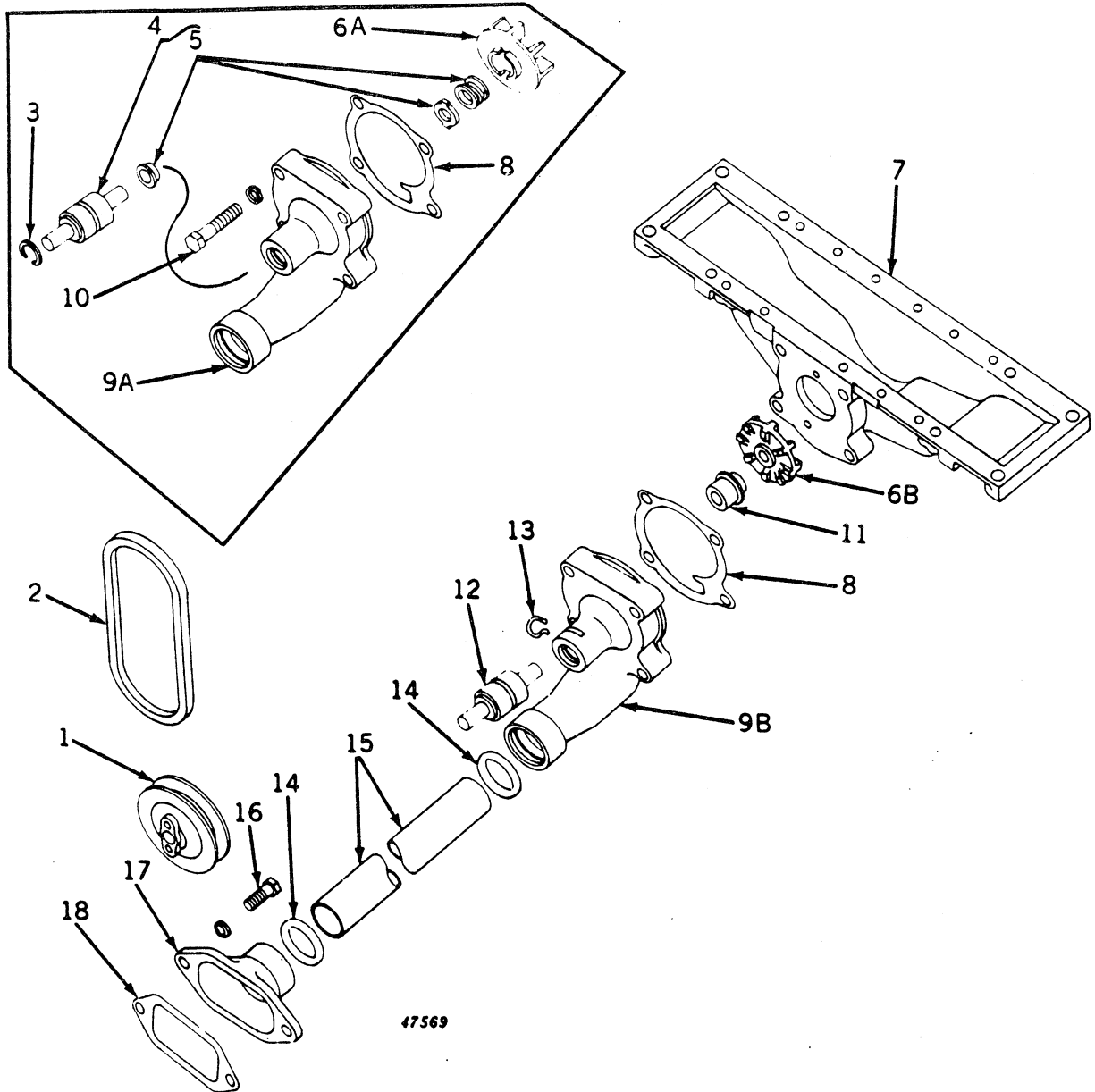
# RADIATOR AND PIPING (Serial No. 7017500- )



# RADIATOR AND PIPING -- Continued (Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	F 3122 R	( - )	Tank, top, less filler flange (sub. for AF1739R and F1520R)
2	AA 5756 R	( - )	Flange, filler
3	AA 5757 R	( - )	Cap, radiator
4	F 1677 R	( - )	Baffle
5	R 183 R	( - )	Clip, radiator vent drain tube
6	19H 2020	( - )	Screw, cap, high-strength, 5/16" x 1/2"
	12H 303	( - )	Washer, lock, 5/16"
7	A 4960 R	( - )	Tube, radiator vent drain
8	19H 2020	( - )	Screw, cap, high-strength, 5/16" x 1/2" (2 used)
	12H 303	( - )	Washer, lock, 5/16" (2 used)
9	24H 1290	( - )	Washer, 21/64" x 3/4" x .036" (2 used)
10	19H 1978	( - )	Screw, cap, high-strength, 7/16" x 1-1/2" (4 used)
11	A 4961 R	( - )	Clip, radiator vent drain tube support
12	R 2591 R	( - )	Side, radiator (2 used) (sub. for F1315R)
13	19H 1139	( - )	Screw, cap, high-strength, 3/8" x 1-1/8" (2 used)
14	19H 1731	( - )	Screw, cap, high-strength, 3/8" x 1" (2 used)
15	AR 1627 R	( - )	Core, radiator (sub. for AF2101R)
16	19H 1900	( - )	Screw, cap, high-strength, 5/16" x 3/4" (6 used)
17	B 1504 R	( - )	Stud, 5/16" x 15/16" (7 used)
18	C 2175 R	( - )	Stud, 3/8" x 1-11/16" (2 used)
19	14H 785	( - )	Nut, 5/16" (7 used)
20	14H 812	( - )	Nut, 3/8" (2 used)
21	19H 1740	( - )	Screw, cap, high-strength, 7/16" x 1-3/4" (2 used)
22	F 661 R	( - )	Gasket (2 used) (packed 5 in a pkg.)
23	A 192 R	( - )	Strap (4 used)
24	A 4781 R	( - )	Baffle, frame, L. H.
25	24H 1136	( - )	Washer, 11/32" x 11/16" x .060" (2 used)
26	19H 2020	( - )	Screw, cap, high-strength, 5/16" x 1/2" (2 used)
	12H 303	( - )	Washer, lock, 5/16" (2 used)
27	F 1314 R	( -7031299)	Tank, bottom
	F 2241 R	(7031300-)	Tank, bottom
28	A 4445 R	( - )	Baffle, frame, R. H.
29	19H 1731	( - )	Screw, cap, high-strength, 3/8" x 1" (2 used)
30	19H 1900	( - )	Screw, cap, high-strength, 5/16" x 3/4" (12 used)
31	19H 1740	( - )	Screw, cap, high-strength, 7/16" x 1-3/4" (2 used)
32	F 455 R	( - )	Shroud, fan
33	19H 2021	( - )	Screw, cap, high-strength, 3/8" x 5/8" (6 used)
	12H 304	( - )	Washer, lock, 3/8" (6 used) (packed 5 in a pkg.)
34	F 1779 R	( - )	Gasket (2 used) (packed 5 in a pkg.)
35	19H 1815	( - )	Screw, cap, high-strength, 1/2" x 1-1/4" (6 used)
	12H 301	( - )	Washer, lock, 1/2" (6 used) (packed 5 in a pkg.)
36	F 1778 R	( - )	Outlet, cylinder head water
37	AB 4744 R	( - )	Thermostat (range 160-182° F.) (sub. R36846R)
	AB 4745 R	( - )	Thermostat (range 180-195° F.) (sub. R36846R)
	AA 6292 R	( - )	Thermostat (range 195-210° F.)
38	F 1781 R	( - )	Gasket (packed 2 in a pkg.)
39	R 10160 R	( - )	Plug, drain (sub. for S98)
40	F 1780 R	( - )	Cover, thermostat (sub. A5340R and 15H255)
41	F 3450 R	( - )	O-ring, upper water pipe (2 used) (packed 2 in a pkg.) (sub. for F1319R)
42	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (2 used)
	12H 293	( - )	Washer, lock, 7/16" (2 used)
43	F 1325 R	( - )	Pipe, upper water
44	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (2 used)
	12H 293	( - )	Washer, lock, 7/16" (2 used)
45	F 1316 R	( - )	Elbow, radiator water inlet
46	F 1317 R	( - )	Gasket (packed 2 in a pkg.)
47	14H 813	( - )	Nut, 7/16"
48	12H 293	( - )	Washer, lock, 7/16"
49	K 3083 R	( - )	Stud, 7/16" x 1-3/4"

WATER PUMP  
(Serial No. 7017500- )



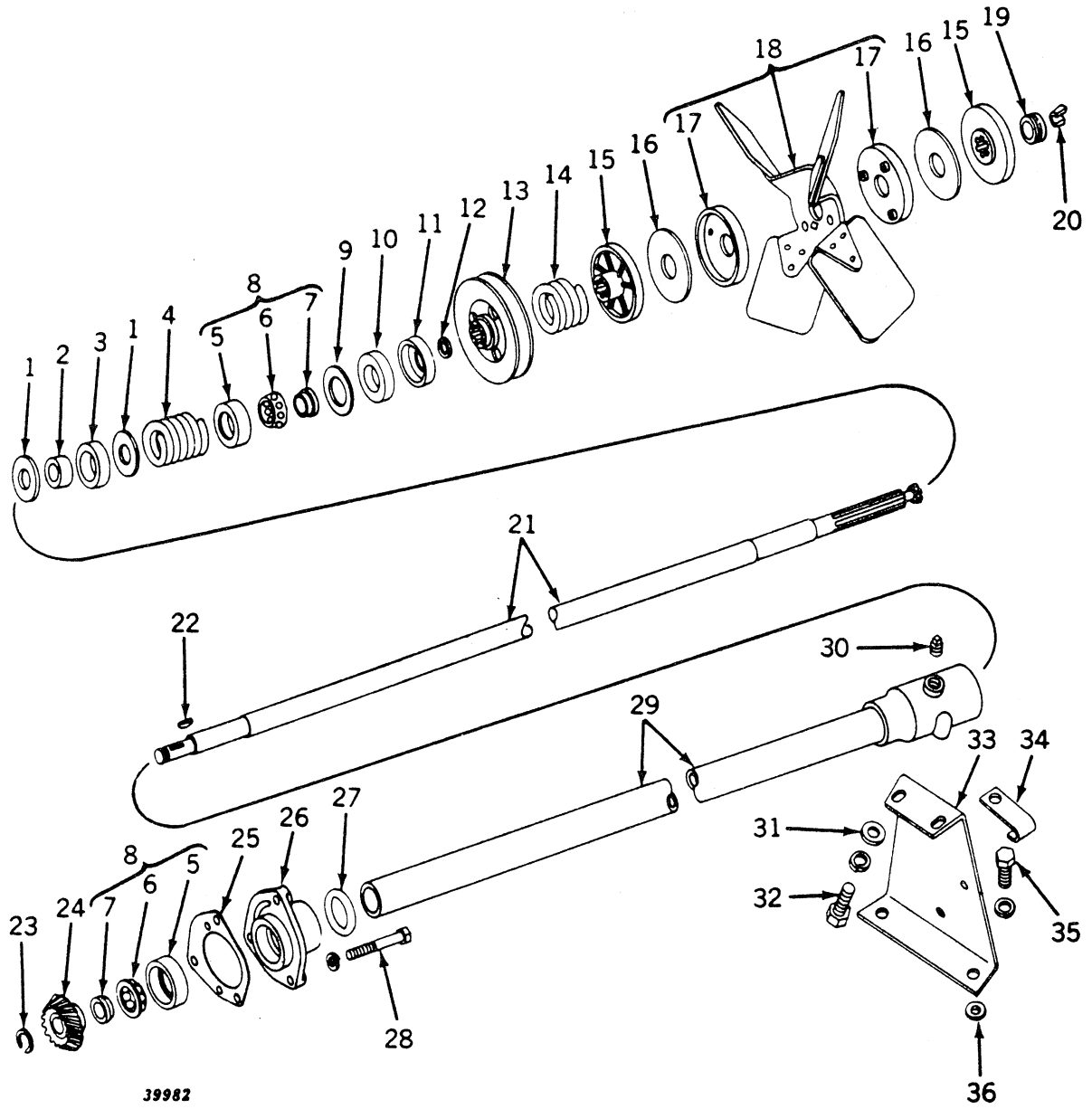
WATER PUMP -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	A 4898 R	( - )	Pulley, water pump
2	A 4897 R	( - )	Belt, generator and water pump
3	A 4275 R	( -7031299 )	Ring, snap, bearing retainer
4	AA 5579 R	( -7031299 )	Bearing, with slinger, washer, and seal
5	AA 5580 R	( -7031299 )	Slinger, washer, and seal
6A	A 4298 R	( -7031299 )	Impeller, water pump
6B	A 5319 R	(7031300- )	Impeller, water pump
7	F 1314 R	( -7031299 )	Tank, radiator bottom (sub. F2241R)
	F 2241 R	(7031300- )	Tank, radiator bottom
8	F 1053 R	( - )	Gasket, water pump housing (packed 5 in a pkg.)
9A	F 1052 R	( -7031299 )	Housing, water pump (sub. AF2368R water pump assembly)
9B	F 2340 R	(7031300- )	Housing, water pump (sub. F2244R and F2282R)
10	19H 1805	( - )	Screw, cap, high-strength, 1/2" x 2-1/4" (4 used)
	12H 301	( - )	Washer, lock, 1/2" (4 used)
11	R 32622 R	(7031300- )	Seal (sub. for AF2057R)
12	JD 8515	(7031300- )	Bearing, ball
13	R 1529 R	(7031300- )	Retainer, spring
14	F 1056 R	( - )	O-ring, lower water pipe (2 used) (packed 5 in a pkg.)
15	AF 2097 R	( - )	Pipe, lower water, with nut retainer
16	19H 1815	( - )	Screw, cap, high-strength, 1/2" x 1-1/4" (2 used)
	12H 301	( - )	Washer, lock, 1/2" (2 used)
17	F 1054 R	( - )	Inlet, cylinder head water
18	F 519 R	( - )	Gasket, cylinder head water inlet (packed 5 in a pkg.)

Parts listed below are assemblies of some of the parts in this grouping.

AF	1733 R	( -7031299 )	Water pump replacement assembly, consisting of seal, bearing, with slinger, housing, pulley, impeller, washer, and snap ring (sub. AF2368R water pump assembly and A4898R pulley)
AF	2347 R	(7031300- )	Water pump replacement assembly, consisting of seal, bearing, pulley, impeller, housing, and retainer (sub. AF2368R water pump assembly and A4898R pulley)

FAN (Manual Steering)  
(Serial No. 7017500- )



FAN (Manual Steering) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	D 1736 R *	( - )	Washer (2 used) (packed 5 in a pkg.)
2	B 2127 R *	( - )	Packing
3	F 806 R *	( - )	Retainer
4	A 846 R	( - )	Spring
5	JD 7655 *	( - )	Cup, bearing (2 used)
6	JD 7657 *	( - )	Retainer, with balls (2 used)
7	JD 7656 *	( - )	Cone, bearing (2 used)
8	JD 7654 *	( - )	Bearing, complete (2 used)
9	24H 847 *	( - )	Washer, 1-19/46" x 2-7/32" x 16
10	B 297 R	( - )	Washer, felt (sub. for AB518R)
11	B 298 R *	( - )	Retainer, felt
12	A 3190 R *	( - )	O-ring (packed 5 in a pkg.)
13	F 1513 R	( - )	Pulley, generator drive
14	F 808 R	( - )	Spring
15	AB 3314 R	( - )	Disk, friction (2 used) (pkg. of 2)
16	D 399 R *	( - )	Washer, friction (2 used) (packed 5 in a pkg.)
17	A 4059 R	( - )	Cup, fan drive (2 used)
18	AF 825 R	( - )	Fan, with two A4059R cups
19	A 3645 R	( - )	Keeper, fan
20	D 1720 R	( - )	Lock (half) (2 used) (packed 2 in a pkg.)
21	AF 2116 R	( - )	Shaft, fan
22	26H 17	( - )	Key, Woodruff, 3/16" x 7/8"
23	A 369 R	( - )	Ring, snap (packed 5 in a pkg.)
24	AF 3452 R	( - )	Gear and pinion (one F2063R or F3330R and one F2064R or F3331R) (sub. for AF2218R)
25	F 2077 R	( - )	Shim (packed 2 in a pkg.)
26	F 2076 R	( - )	Housing, fan shaft rear bearing
27	B 293 R	( - )	O-ring
28	19H 1732	( - )	Screw, cap, 3/8" x 1-1/4" (3 used) (sub. for F2273R)
	12H 304	( - )	Washer, lock, 3/8" (3 used)
29	AF 2118 R	( - )	Housing, B290R, fan bearing, with tube
30	15H 604	( - )	Plug, pipe, 1/4"
31	24H 1303	( - )	Washer, 13/32" x 11/16" x .060" (2 used)
32	19H 1936	( - )	Screw, cap, 3/8" x 3/4" (2 used) (sub. for F2272R)
	12H 304	( - )	Washer, lock, 3/8" (2 used)
33	F 1193 R	( - )	Support, fan
34	B 1986 R	( - )	Clip
35	19H 1740	( - )	Screw, cap, high-strength, 7/16" x 1-3/4" (2 used)
	12H 293	( - )	Washer, lock, 7/16" (2 used)
36	24H 1321	( - )	Washer, 29/64" x 13/16" x .018" (8 used)

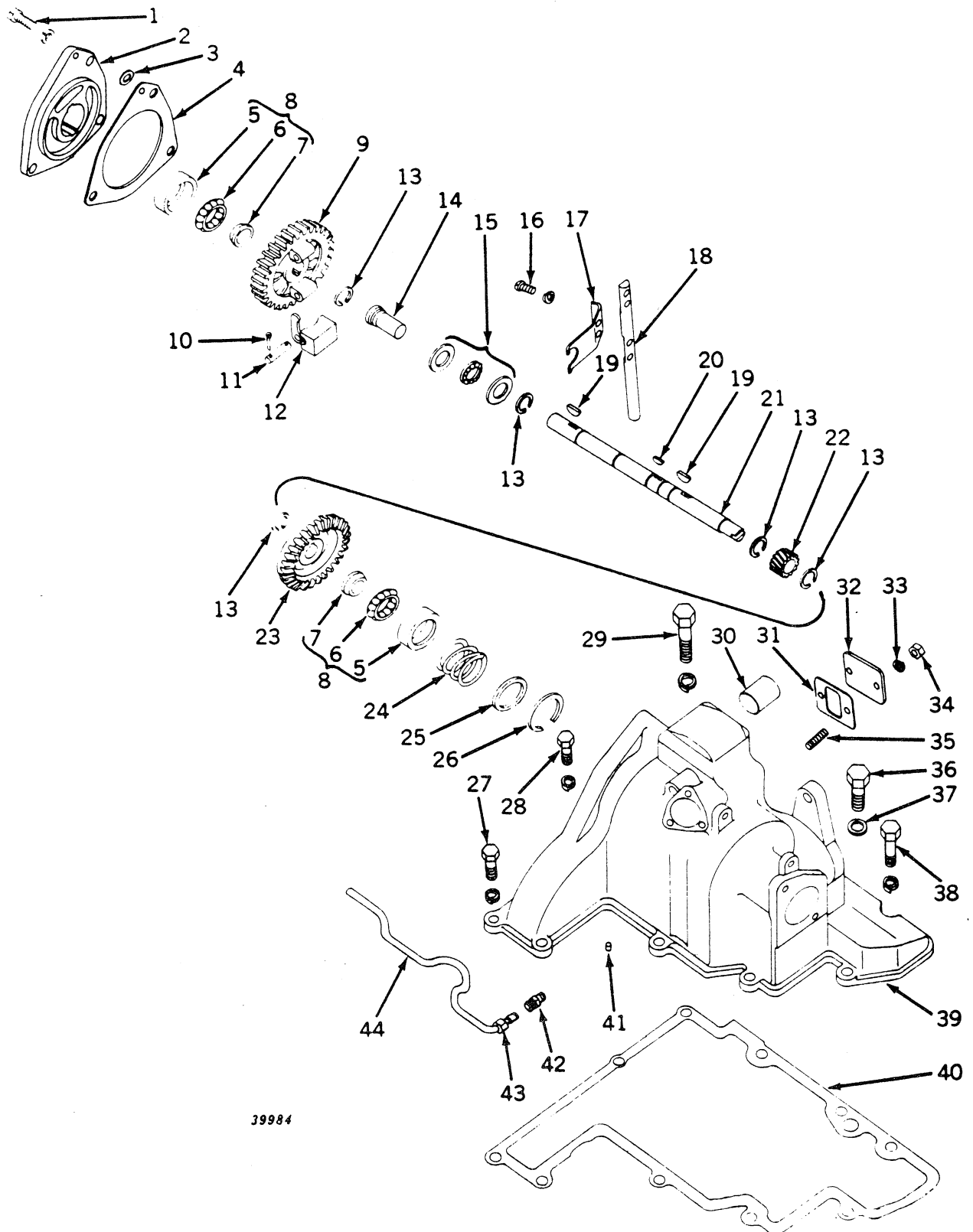
Part listed below is an assembly of some of the parts in this grouping.

AF 2319 R ( - ) Bearing kit, front fan (consists of parts marked with an \*)

\* See AF2319R



GOVERNOR  
(Serial No. 7017500- )



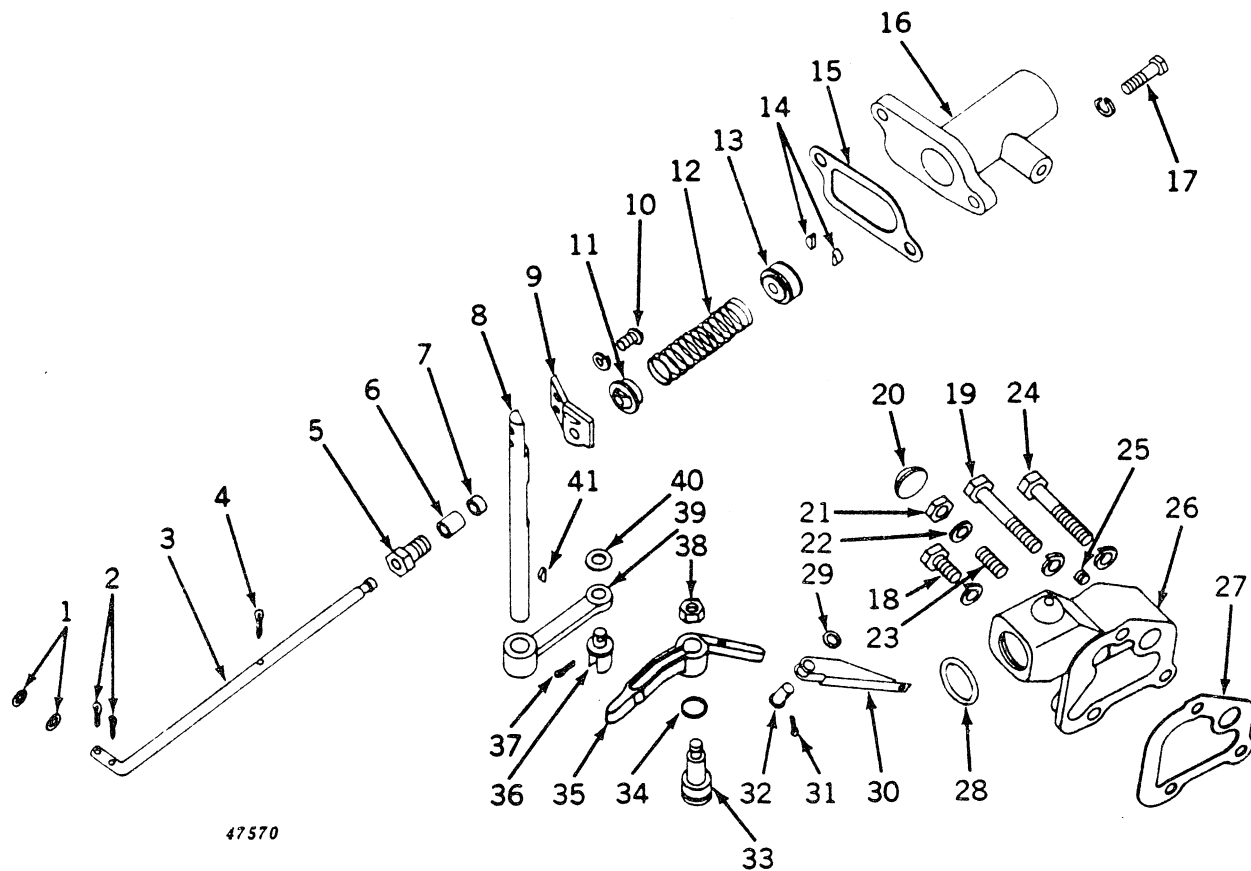
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GOVERNOR -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (3 used)
	12H 293	( - )	Washer, lock, 7/16" (3 used)
2	F 2055 R	( - )	Housing, L. H. governor bearing
3	A 4847 R	( - )	Gasket (packed 2 in a pkg.)
4	F 2056 R	( - )	Shim, thin (packed 10 in a pkg.)
	F 2057 R	( - )	Shim, thick (packed 5 in a pkg.)
5	JD 7653	( - )	Cup, bearing (2 used)
6	JD 7657	( - )	Retainer, with balls (2 used)
7	JD 7656	( - )	Cone, bearing (2 used)
8	JD 7654	( - )	Bearing, complete (2 used)
9	F 2052 R	( - )	Gear, governor drive
10	11H 234	( - )	Pin, cotter, 3/32" x 1" (4 used)
11	F 3326 R	( - )	Pin (2 used) (packed 2 in a pkg.) (sub. for C902R)
12	AB 295 R	( - )	Weight, governor (2 used)
13	A 369 R	( - )	Ring, snap (5 used) (packed 5 in a pkg.)
14	F 2054 R	( - )	Sleeve, governor
15	C 998 R	( - )	Bearing, thrust
16	21H 1144	( - )	Screw, mach., 1/4" x 1/2" (2 used)
	12H 302	( - )	Washer, lock, 1/4" (2 used)
17	F 2061 R	( - )	Lever, inside governor (sub. AF3298R governor shaft assembly)
18	F 2059 R	( - )	Shaft, governor lever (sub. AF3298R governor shaft assembly)
19	26H 17	( - )	Key, Woodruff, 3/16" x 7/8" (2 used)
20	26H 3	( - )	Key, Woodruff, 3/32" x 3/8"
21	F 2051 R	( - )	Shaft, governor
22	F 2547 R	( - )	Gear, speed-hour meter drive (sub. for F2053R)
23	AF 3452 R	( - )	Gear and pinion (one F3330R and one F3331R) (sub. for AF2118R, one F2063R and one F2064R)
24	A 584 R	( - )	Spring
25	B 280 R	( - )	Washer, bearing (packed 2 in a pkg.)
26	B 276 R	( - )	Ring, snap (packed 2 in a pkg.)
27	19H 1800	( - )	Screw, cap, high-strength, 3/8" x 1-1/2"
	12H 304	( - )	Washer, lock, 3/8"
28	F 2273 R	( - )	Screw, cap, high-strength, 3/8" x 1-1/4" (2 used)
	12H 304	( - )	Washer, lock, 3/8" (2 used)
29	19H 2347	( - )	Screw, cap, 7/16" x 3"
	12H 293	( - )	Washer, lock, 7/16"
30	F 2049 R	( - )	Tube
31	F 2070 R	( - )	Gasket (packed 2 in a pkg.)
32	F 2069 R	( - )	Cover
33	12H 303	( - )	Washer, lock, 5/16" (2 used)
34	14H 785	( - )	Nut, 5/16" (2 used)
35	B 1504 R	( - )	Stud, 5/16" x 15/16" (2 used)
36	19H 1821	( - )	Screw, cap, 7/16" x 1-1/4" (4 used)
	12H 293	( - )	Washer, lock, 7/16"
37	A 3439 R	( - )	Washer (3 used) (packed 5 in a pkg.)
38	B 1693 R	( - )	Screw, special cap (2 used)
	12H 301	( - )	Washer, lock, 1/2" (2 used)
39	AF 2111 R	( - )	Case, F2040R, governor, with tube and bushing
40	F 2041 R	( - )	Gasket (packed 2 in a pkg.)
41	15H 253	( - )	Plug, pipe, 1/8"
42	E 1994 R	( - )	Connector
43	A 2875 R	( - )	Nut
44	AF 3602 R	( - )	Pipe, governor oil (sub. for AF2231R)

Part listed below is not illustrated.

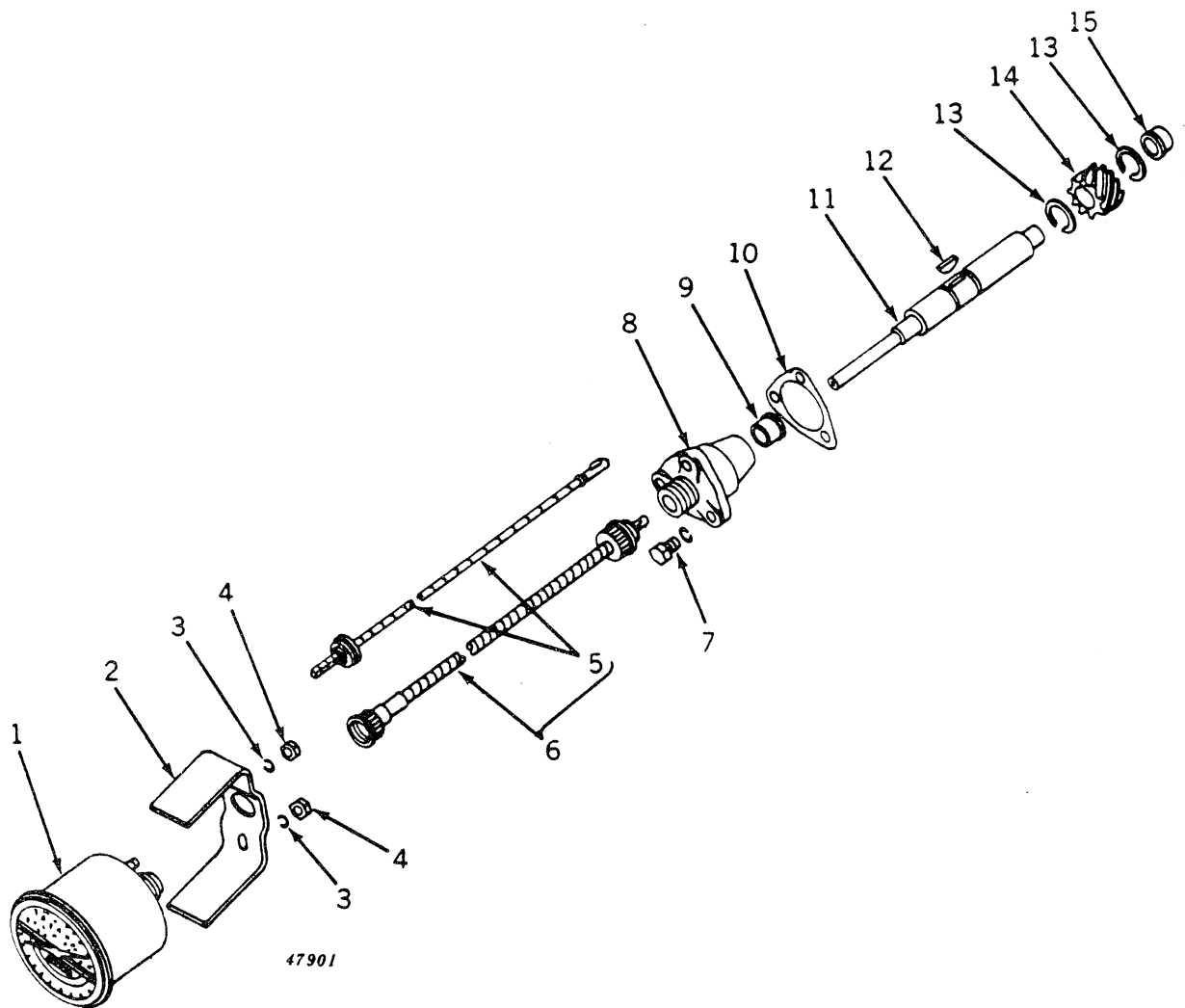
AF 2244 R	( - )	Gasket set, governor overhaul (see gasket set grouping for illustrations and contents)
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GOVERNOR CONTROL  
(Serial No. 7017500- )

GOVERNOR CONTROL -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	24H 1286	( - )	Washer, 9/32" x 1/2" x .060" (2 used)
2	11H 234	( - )	Pin, cotter, 3/32" x 1" (2 used)
3	F 2065 R	( - )	Rod, speed control (sub. AR1344R and F3253R)
4	11H 19 R	( - )	Pin, cotter, 3/32" x 1"
5	R 317 R	( - )	Gland, packing, speed control rod
6	R 316 R	( - )	Packing
7	R 318 R	( - )	Stop, speed control rod
8	F 2059 R	( - )	Shaft, governor lever (sub. AF3298R governor shaft assembly)
9	R 309 R	( - )	Lever, governor loading (sub. AF3298R governor shaft assembly)
10	21H 1144	( - )	Screw, mach., 1/4" x 1/2" (2 used)
	12H 302	( - )	Washer, lock, 1/4" (2 used)
11	R 312 R	( - )	Fulcrum, speed control spring
12	F 2066 R	( - )	Spring, speed control
13	R 311 R	( - )	End, speed control spring
14	R 313 R	( - )	Keeper, speed control spring end (2 used)
15	F 2068 R	( - )	Gasket (packed 2 in a pkg.)
16	F 2067 R	( - )	Housing, speed control
17	F 2273 R	( - )	Screw, cap, 3/8" x 1-1/4" (2 used)
	12H 304	( - )	Washer, lock, 3/8" (2 used)
18	19H 1731	( - )	Screw, cap, high-strength, 3/8" x 1"
	12H 304	( - )	Washer, lock, 3/8"
19	19H 1944	( - )	Screw, cap, high-strength, 3/8" x 2-3/4"
	12H 304	( - )	Washer, lock, 3/8"
20	30H 15	( - )	Plug, expansion, 1-1/8"
21	14H 732	( - )	Nut, jam, 3/8"
22	K 2052 R	( - )	Washer, lead (sub. for AD1770R)
23	22H 797	( - )	Screw, set, 3/8" x 1"
24	19H 1050	( - )	Screw, cap, 3/8" x 2-1/2"
	12H 304	( - )	Washer, lock, 3/8"
25	15H 558	(7029485- )	Plug, pipe, in governor lever housing
26	F 2042 R	( -7025209 )	Housing, governor lever (sub. one AF2388R, one F2261R, one F2262R, and one 14H785)
	AF 2388 R	(7025210- )	Housing, F2260R, governor lever, with plugs
27	F 2043 R	( - )	Gasket (packed 2 in a pkg.)
28	R 1138 R	( - )	O-ring (packed 2 in a pkg.)
29	24H 1286	( - )	Washer, 9/32" x 1/2" x .060"
30	F 2046 R	( - )	Stop, governor lever
31	11H 234	( - )	Pin, cotter, 3/32" x 1"
32	R 662 R	( - )	Pin
33	F 2045 R	( -7025209 )	Pin, governor lever pivot
	F 2262 R	(7025210- )	Pin, governor lever pivot
34	A 3190 R	( - )	O-ring (packed 5 in a pkg.)
35	F 2044 R	( -7025209 )	Lever, governor
	F 2261 R	(7025210- )	Lever, governor
36	F 2062 R	( - )	Pivot, governor lever
37	11H 234	( - )	Pin, cotter, 3/32" x 1"
38	14H 785	(7025210- )	Nut, 5/16"
39	F 2060 R	( - )	Arm, governor lever shaft (sub. AF3298R governor shaft assembly)
40	24H 1136	( - )	Washer, 11/32" x 11/16" x .060"
41	26H 8	( - )	Key, Woodruff, 3/32" x 5/8"

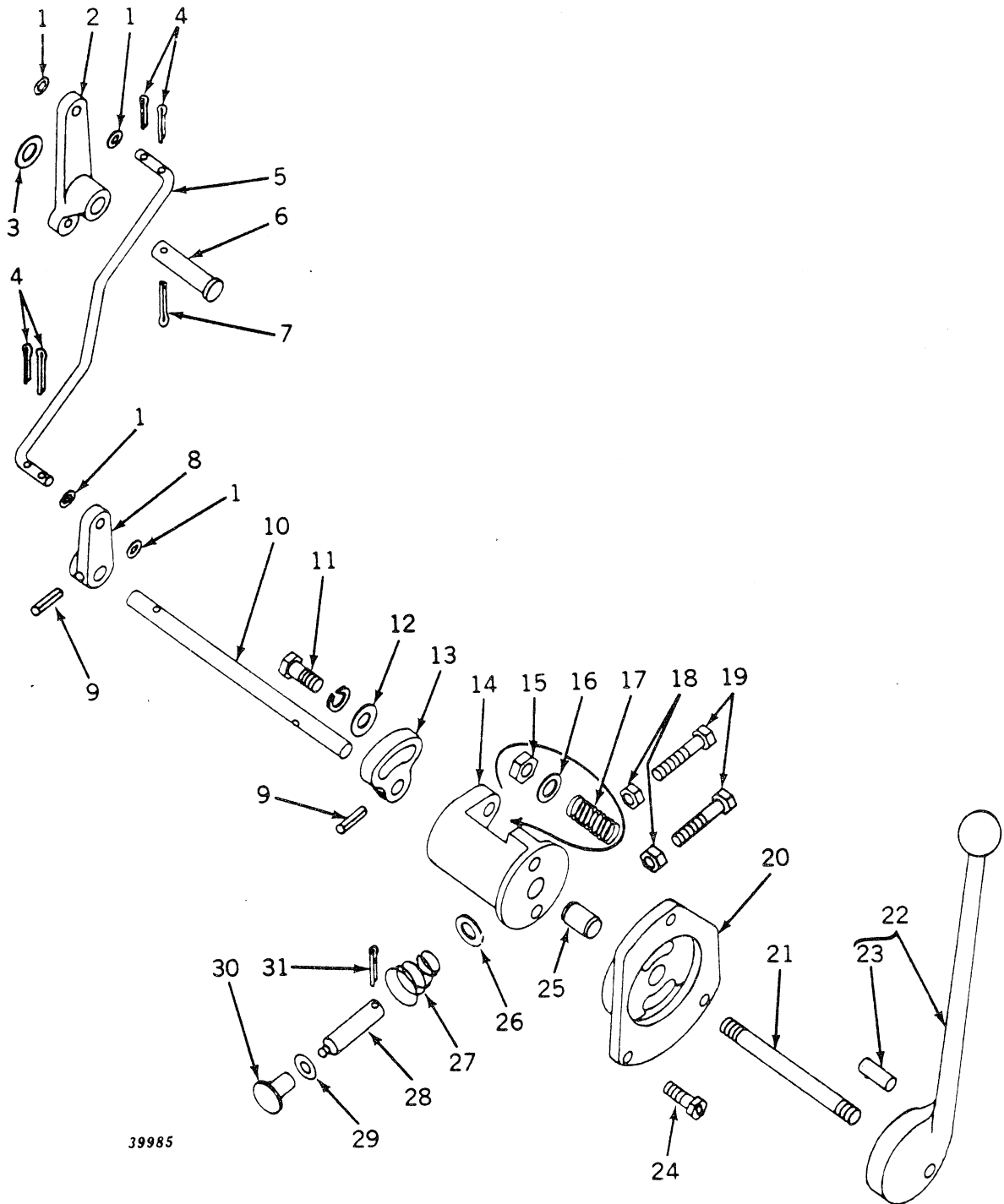
SPEED-HOUR METER  
(Serial No. 7017500- )



SPEED-HOUR METER -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AF 2066 R	( - )	Speed-hour meter
2	F 1977 R	( - )	Clamp, speed-hour meter
3	A 767 R	( - )	Washer, lock (2 used)
4	14H 631	( - )	Nut (2 used)
5	AF 2246 R	( - )	Cable, speed-hour meter (Steward-Warner)
	AR 21160 R	( - )	Cable, speed-hour meter (AC Spark Plug Div.) (sub. for AF2245R)
6	AF 3258 R	( - )	Shaft, flexible, speed-hour meter with shaft (sub. for AF2067R)
7	19H 1919	( - )	Screw, cap, high-strength, 1/4" x 3/4" (3 used)
	12H 302	( - )	Washer, lock, 1/4" (3 used)
8	AF 2114 R	( - )	Quill, F2072R, speed-hour meter drive, with bushing
9	F 2050 R	( - )	Bushing
10	F 2073 R	( - )	Gasket (packed 2 in a pkg.)
11	F 2071 R	( - )	Shaft, speed-hour meter drive
12	26H 3	( - )	Key, Woodruff, 3/32" x 3/8"
13	A 369 R	( - )	Ring, snap (2 used) (packed 2 in a pkg.)
14	F 2547 R	( - )	Gear, speed-hour meter drive (sub. for F2053R)
15	F 2050 R	( - )	Bushing

THROTTLE CONTROL  
(Serial No. 7017500- )

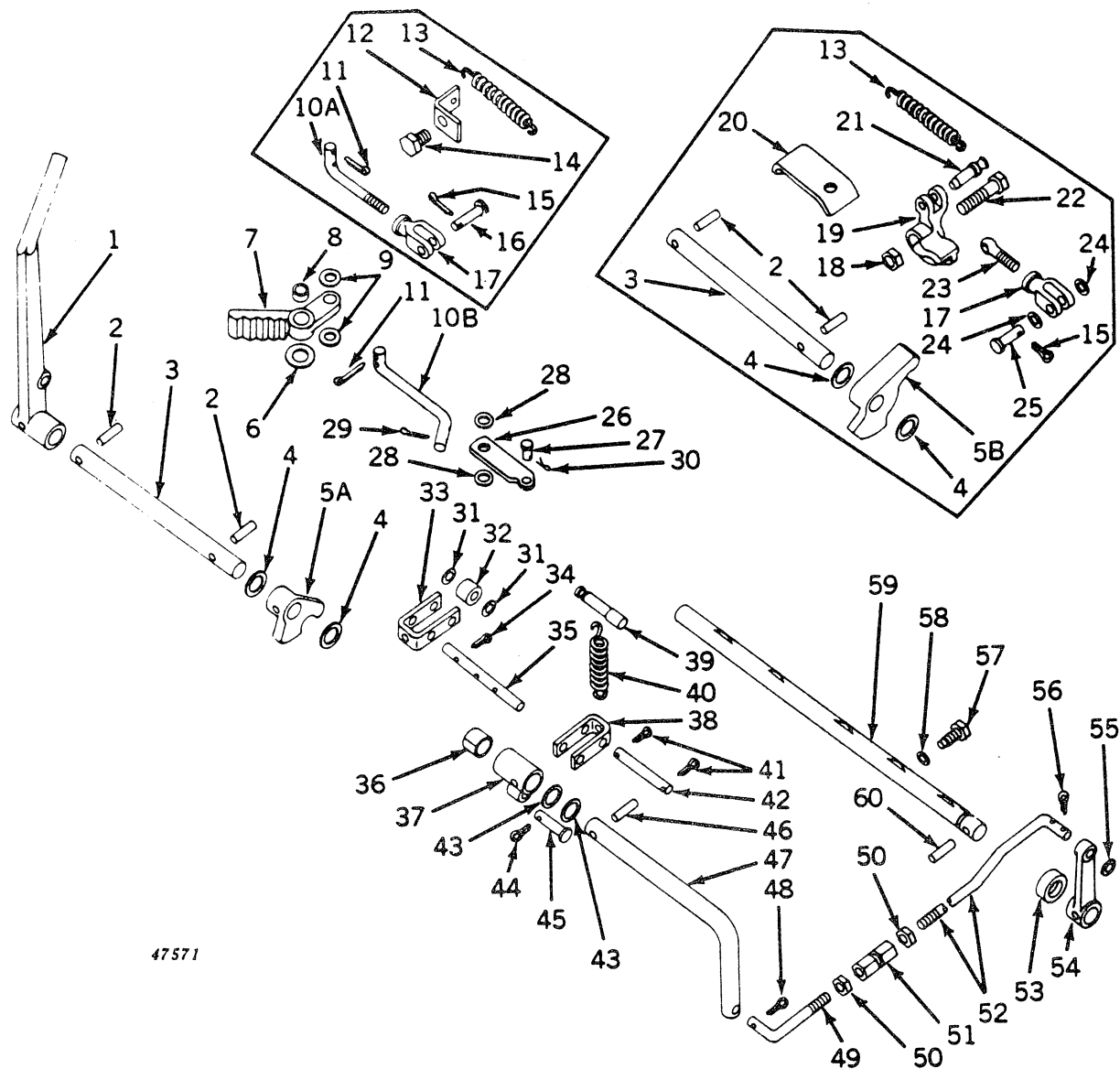


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THROTTLE CONTROL -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	24H 1286	( - )	Washer, 9/32" x 1/2" x .060" (4 used)
2	AF 2918 R	( - )	Arm, speed control, with F3124R bushing (sub. for F2047R)
3	24H 1341	( - )	Washer, 17/32" x 15/16" x .060"
4	11H 234	( - )	Pin, cotter, 3/32" x 1" (4 used)
5	F 2074 R	( - )	Link, speed control
6	F 2048 R	( - )	Pin
7	11H 211	( - )	Pin, cotter, 1/8" x 3/4"
8	F 1950 R	( - )	Arm, speed control shaft
9	34H 266	( - )	Pin, spring, 5/32" x 1" (2 used)
10	F 1949 R	( - )	Shaft, speed control
11	F 2273 R	( - )	Screw, cap, 3/8" x 1-1/4"
	12H 304	( - )	Washer, lock, 3/8"
12	24H 1219	( - )	Washer, 7/16" x 1" x .075"
13	F 1951 R	( - )	Arm, speed control adjusting
14	AF 2050 R	( - )	Bracket, F1947R, speed control shaft, with bushing
15	14H 813	( - )	Nut, 7/16"
16	24H 1325	( - )	Washer, 15/32" x 59/64" x .060" (2 used)
17	K 2172 R	( - )	Spring
18	14H 785	( - )	Nut, 5/16" (2 used)
19	19H 2313	( - )	Screw, cap, 5/16" x 1-3/4" (2 used) (sub. for F2271R)
20	AF 4049 R	( - )	Bracket, speed control lever, with facing
21	B 1314 R	( - )	Stud, 7/16" x 4" (packed 5 in a pkg.)
22	AA 5301 R	( -7017518)	Lever, speed control, with pins (sub. AF2247R)
	AF 2247 R	(7017519- )	Lever, speed control, with pins
23	A 4879 R	( -7017518)	Pin, dowel (2 used) (packed 2 in a pkg.)
	R 1800 R	(7017519- )	Pin, dowel (2 used) (sub. for A4681R)
24	A 4125 R	( - )	Screw, mach., 5/16" x 1" (3 used) (packed 50 in a pkg.)
25	F 1948 R	( - )	Bushing
26	24H 1341	( - )	Washer, 17/32" x 15/16" x .060"
27	F 1953 R	( - )	Spring, speed control stop
28	F 1952 R	( - )	Stop, speed control
29	24H 1287	( - )	Washer, 9/32" x 5/8" x .060"
30	B 1951 R	( - )	Knob, speed control stop
31	11H 234	( - )	Pin, cotter, 3/32" x 1"



STARTING CONTROLS  
(Serial No. 7017500- )

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STARTING CONTROLS -- Continued  
(Serial No. 7017500- )

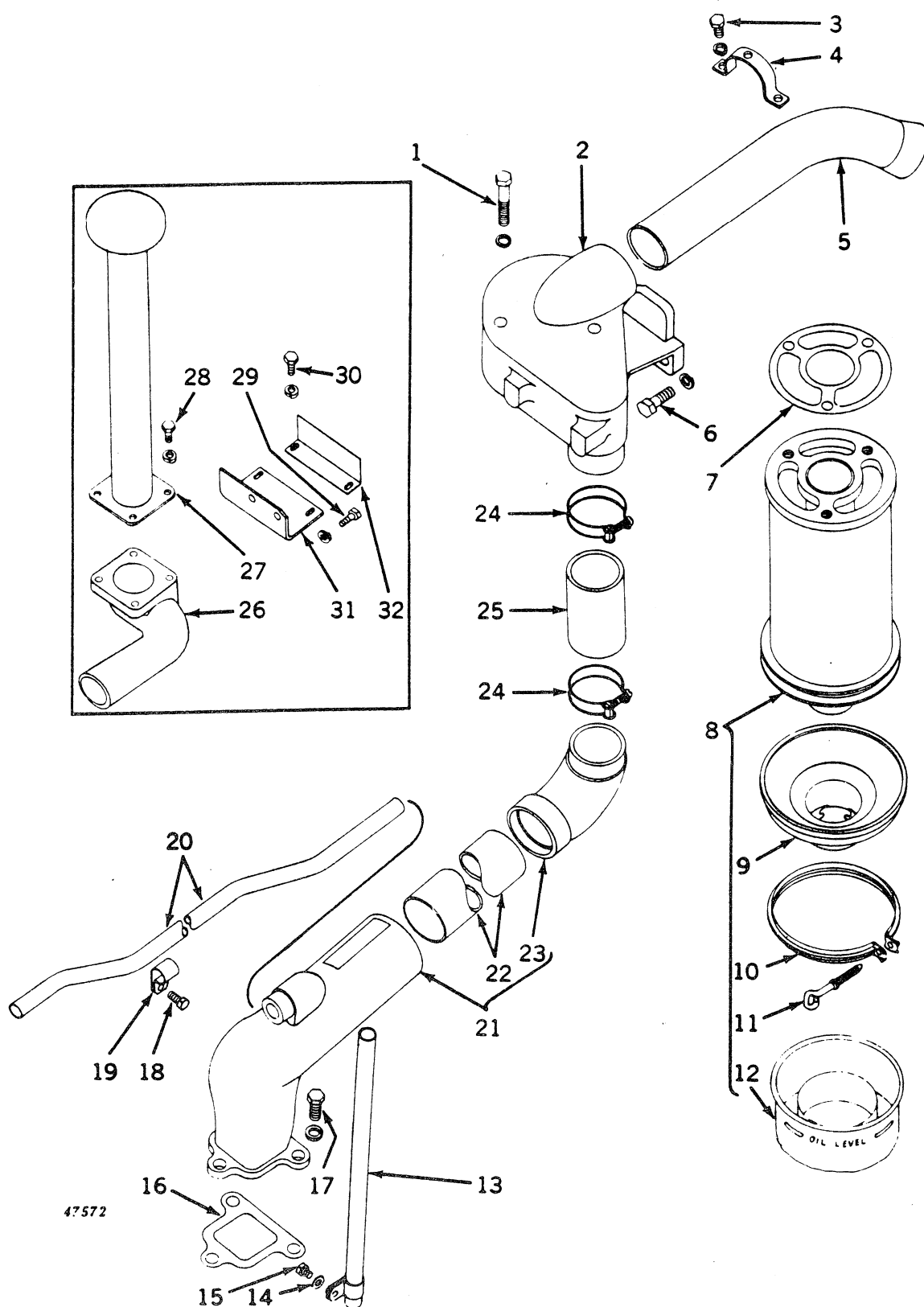
Key	Part No.	Serial No.	Description
1	F 2209 R	( - )	Lever, starting
2	34H 329	( - )	Pin, spring (2 used)
3	F 2034 R	( - )	Shaft, starting, control lever
4	24H 448	( - )	Washer, 25/32" x 1-1/8" x .090" (2 used)
5A	F 2254 R	(7026870- )	Cam, decompression control
5B	F 2036 R	( -7026869 )	Cam, starting control
6	24H 1329	(7026870- )	Washer, 15/32" x 1-1/4" x .250"
7	F 2256 R	(7026870- )	Pedal, starting foot
8	F 2257 R	(7026870- )	Spacer
9	24H 1303	(7026870- )	Washer, 13/32" x 11/16" x .060" (2 used)
10A	F 2258 R	(7026870-7031299)	Link, starting foot pedal
10B	F 2328 R	(7031300- )	Link, starting foot pedal
11	11H 234	(7026870- )	Pin, cotter, 3/32" x 1" (2 used)
12	F 2255 R	(7026870-7031299)	Bracket, starting control spring
13	R 21753 R	( -7031299 )	Spring (sub. for A348R)
14	19H 1895	(7026870-7031299)	Screw, cap, 1/2" x 3/4" (sub. for F2275R)
15	11H 236	( -7031299 )	Pin, cotter, 1/8" x 1"
16	A 3376 R	(7026870-7031299)	Pin
17	C 284 R	( -7031299 )	Yoke
18	14H 473	( -7026869 )	Nut, jam, 1/2"
19	F 2162 R	( -7026869 )	Lever, starting
20	F 2212 R	( -7026869 )	Bracket, starting lever
21	F 2211 R	( -7026869 )	Pin, starting lever
22	19H 1831	( -7026869 )	Screw, cap, high-strength, 1/2" x 2"
23	F 1996 R	( -7026869 )	Link, starting lever
24	24H 1303	( - )	Washer, 13/32" x 11/16" x .060" (2 used)
25	C 1067 R	( -7026869 )	Pin
26	F 2329 R	(7031300- )	Lever, starting motor
27	1880254	(7031300- )	Pin, headed, starting motor lever to motor
28	24H 1303	(7031300- )	Washer, 13/32" x 11/16" x .060" (2 used)
29	11H 234	(7031300- )	Pin, cotter, 3/32" x 1" (2 used)
30	11H 231	(7031300- )	Pin, cotter, 1/16" x 1/2"
31	24H 1652	( - )	Washer, 13/32" x 11/16" x .105" (2 used)
32	F 2385 R	( - )	Roller, starting control
33	F 2161 R	( - )	Yoke, starting control roller
34	11H 234	( - )	Pin, cotter, 3/32" x 1"
35	A 3437 R	( - )	Shaft, starting control roller yoke
36	F 2030 R	( - )	Bushing
37	AF 2190 R	( - )	Arm, decompression control, with bushing
38	F 2161 R	( - )	Yoke, decompression control arm
39	R 1136 R	( - )	Pin
40	R 21753 R	( - )	Spring, starting control (sub. for A348R)
41	11H 236	( - )	Pin, cotter, 1/8" x 1" (2 used)
42	24739 AN	( - )	Pin, starting control roller (sub. for F957R)
43	24H 448	( - )	Washer, 25/32" x 1-1/8" x .090" (2 used)
44	11H 236	( - )	Pin, cotter, 1/8" x 1"
45	A 3376 R	( - )	Pin, decompression control arm yoke
46	34H 329	( - )	Pin, spring, 5/16" x 1-1/4"
47	F 2031 R	( - )	Shaft, decompression control
48	11H 234	( - )	Pin, cotter, 3/32" x 1"
49	F 2166 R	( - )	Link, decompression control rod
50	14H 732	( - )	Nut, jam, 3/8" (2 used)
51	F 2164 R	( - )	Coupling
52	F 1909 R	( - )	Rod, decompression control
53	AA 3738 R	( - )	Seal, oil
54	F 1908 R	( - )	Lever, decompression shaft
55	24H 1303	( - )	Washer, 13/32" x 11/16" x .060"
56	11H 234	( - )	Pin, cotter, 3/32" x 1"
57	F 1907 R	( - )	Screw, special cap
58	A 3098 R	( - )	Washer (packed 5 in a pkg.)
59	F 1906 R	( - )	Shaft, decompression
60	34H 329	( - )	Pin, spring, 5/16" x 1-1/4"

Part listed below is an assembly of some of the parts in this grouping.

AF 2305 R ( -7026869 ) Pedal, starting foot, with linkage

# AIR INTAKE SYSTEM AND CRANKING ENGINE EXHAUST

(Serial No. 7017500- )



AIR INTAKE SYSTEM AND CRANKING ENGINE EXHAUST -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	19H 2123	( - )	Screw, cap, high-strength, 1/2" x 4-1/4" (3 used)
	12H 301	( - )	Washer, lock, 1/2" (3 used)
2	AF 2816 R	( - )	Bracket, F2797R, air cleaner, with F2798R cover and gasket (sub. for F1753R)
3	19H 2127	( - )	Screw, cap, high-strength, 5/16" x 7/8" (2 used)
	12H 303	( - )	Washer, lock, 5/16" (2 used)
4	A 4371 R	( - )	Strap, air intake pipe
5	F 2754 R	( - )	Pipe, air intake (sub. for F1416R)
6	19H 1721	( - )	Screw, cap, high-strength, 1/2" x 1-1/2" (3 used)
	12H 301	( - )	Washer, lock, 1/2" (3 used)
7	R 20037 R	( - )	Gasket (packed 2 in a pkg.) (sub. for F143R)
8	AF 1966 R	( - )	Cleaner, air
9	AF 2230 R	( - )	Tray
10	AD 1896 R	( - )	Clamp, with screw
11	B 1569 R	( - )	Screw, clamp
12	AF 2229 R	( - )	Cup, oil
13	AF 3221 R	( - )	Pipe, cranking engine exhaust outlet, with clamp (sub. for AF2125R)
14	24H 1136	( - )	Washer, 11/32" x 11/16" x .060"
15	19H 99	( - )	Screw, special cap, 5/16" x 9/16"
16	F 1752 R	( - )	Gasket (packed 5 in a pkg.)
17	19H 1815	( - )	Screw, cap, high-strength, 1/2" x 1-1/4" (3 used)
	12H 301	( - )	Washer, lock, 1/2" (3 used)
18	19H 1936	( - )	Screw, cap, 3/8" x 3/4" (sub. for F2272R)
19	A 4656 R	( - )	Clamp
20	F 2088 R	( - )	Pipe, cranking engine exhaust
21	AF 3243 R	( - )	Intake assembly, air (sub. for AF1967R)
22	R 4 R	( - )	Pipe, air intake
23	F 1751 R	( - )	Elbow, air intake
24	AR 21841 R	( - )	Clamp, hose (2 used) (sub. for R8R)
25	R 20028 R	( - )	Hose (sub. for R7R)
26	F 2224 R	( - )	Bracket, air stack
27	AF 2281 R	( - )	Stack, air
28	19H 99	( - )	Screw, cap, 5/16" x 9/16" (4 used)
	12H 303	( - )	Washer, lock, 5/16" (4 used)
29	19H 99	( - )	Screw, cap, 5/16" x 9/16" (2 used)
	12H 303	( - )	Washer, lock, 5/16" (2 used)
30	19H 1905	( - )	Screw, cap, high-strength, 5/16" x 1" (2 used)
	12H 303	( - )	Washer, lock, 5/16" (2 used)
	24H 1136	( - )	Washer, 11/32" x 11/16" x .060" (2 used)
	A 127 R	( - )	Washer (2 used)
31	F 2225 R	( - )	Support, bracket
32	F 2226 R	( - )	Baffle, grille

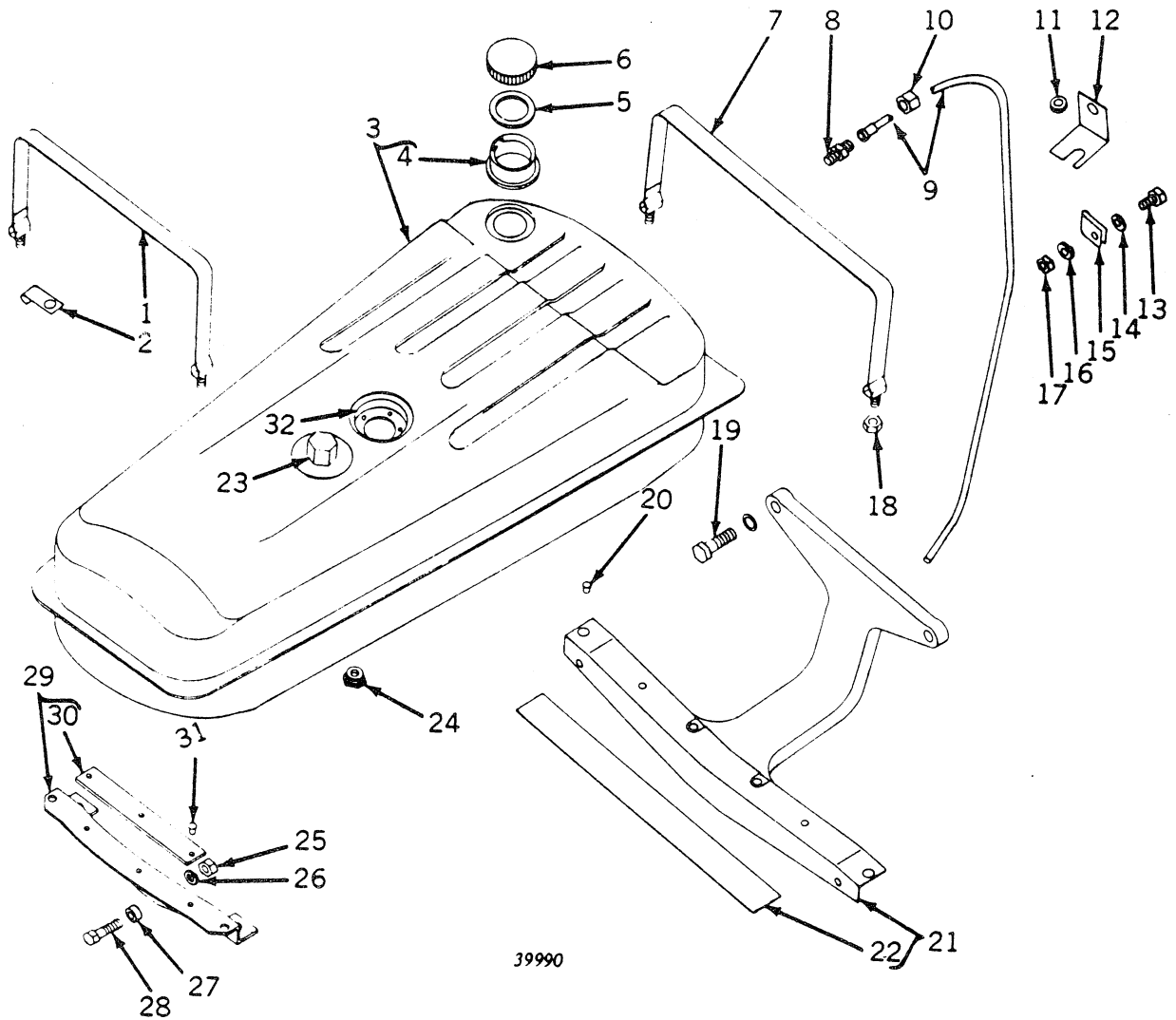
Part listed below is an assembly of some of the parts in this grouping.

AF 2280 R ( - ) AIR STACK, WITH BRACKET, BAFFLE, AND SUPPORT

Parts listed below are not illustrated.

AR 26416 R	( - )	Pre-Cleaner (must be used with AF2281R air stack)
AH 13770 H	( - )	Base, pre-cleaner
AF 3583 R	( - )	Cover, pre-cleaner
R 28794 R	( - )	Bowl, pre-cleaner

Capital letters indicate an attachment. Attachments must be listed on separate order from replacement parts order.

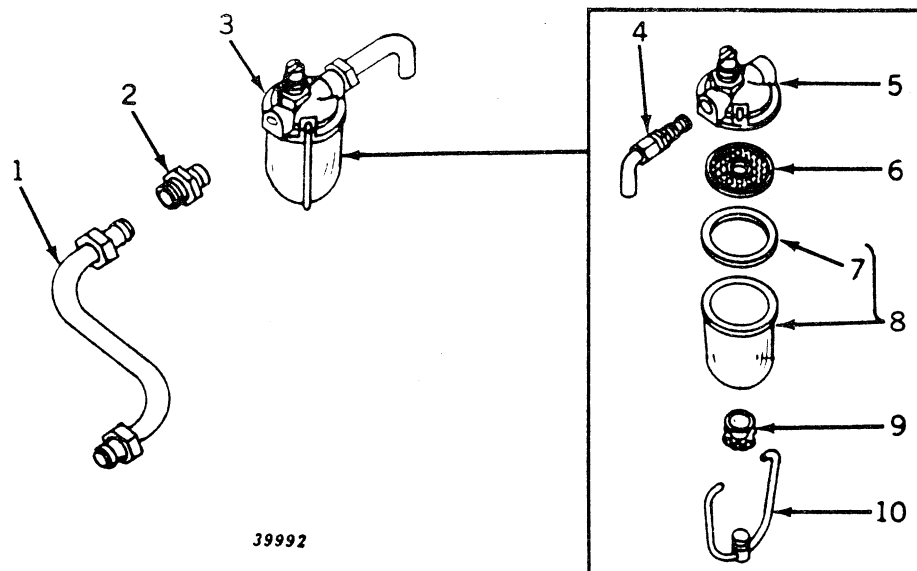
**FUEL TANK AND SUPPORTS**  
(Serial No. 7017500- )

FUEL TANK AND SUPPORTS -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AF 1482 R	( - )	Strap, fuel tank, rear
2	B 1986 R	( - )	Clip
3	AF 1974 R	( - )	Tank, fuel
4	B 3315 R	( - )	Neck, filler
5	A 5221 R	( - )	Gasket (packed 2 in a pkg.)
6	AF 2914 R	( - )	Cap, filler (sub. for AA5795R)
7	AF 1964 R	( - )	Strap, fuel tank, front
8	E 1994 R	( - )	Connector
9	AF 1751 R	( - )	Pipe, fuel tank vent
10	A 2875 R	( - )	Nut, bushing
11	R 1134 R	( - )	Grommet
12	F 1537 R	( - )	Bracket
13	19H 1900	( - )	Screw, cap, high-strength, 5/16" x 3/4"
14	24H 1136	( - )	Washer, 11/32" x 11/16" x .060"
15	A 2610 R	( - )	Clip
16	12H 303	( - )	Washer, lock, 5/16"
17	14H 785	( - )	Nut, 5/16"
18	14H 812	( - )	Nut, 3/8" (4 used)
19	19H 1721	( - )	Screw, cap, high-strength, 1/2" x 1-1/2" (2 used)
	12H 301	( - )	Washer, lock, 1/2" (2 used)
20	D 1520 R	( - )	Rivet, 9/64" x 5/16" (2 used) (packed 100 in a pkg.) (sub. for AD1771R)
21	AF 1975 R	( - )	Support, front, with cushion
22	R 21736 R	( - )	Cushion, front support (sub. for R170R)
23	F 1531 R	( - )	Bushing
24	B 2509 R	( - )	Bushing, outlet
25	14H 809	( - )	Nut, 1/2"
26	12H 301	( - )	Washer, lock, 1/2"
27	F 2206 R	( - )	Spacer
28	19H 1721	( - )	Screw, cap, high-strength, 1/2" x 1-1/2"
29	AF 2233 R	( - )	Support, rear, with cushion
	F 2398 R	( - )	Strap, fuel tank rear support
	19H 2020	( - )	Screw, cap, high-strength, 5/16" x 1/2" (sub. for A3232R)
30	R 21736 R	( - )	Cushion, rear support (sub. for A2406R)
31	D 1520 R	( - )	Rivet, 9/64" x 5/16" (5 used) (packed 100 in a pkg.) (sub. for AD1771R)
32	F 2150 R	( - )	Adapter, fuel gauge sender

# FUEL STRAINER

(Serial No. 7017500- )

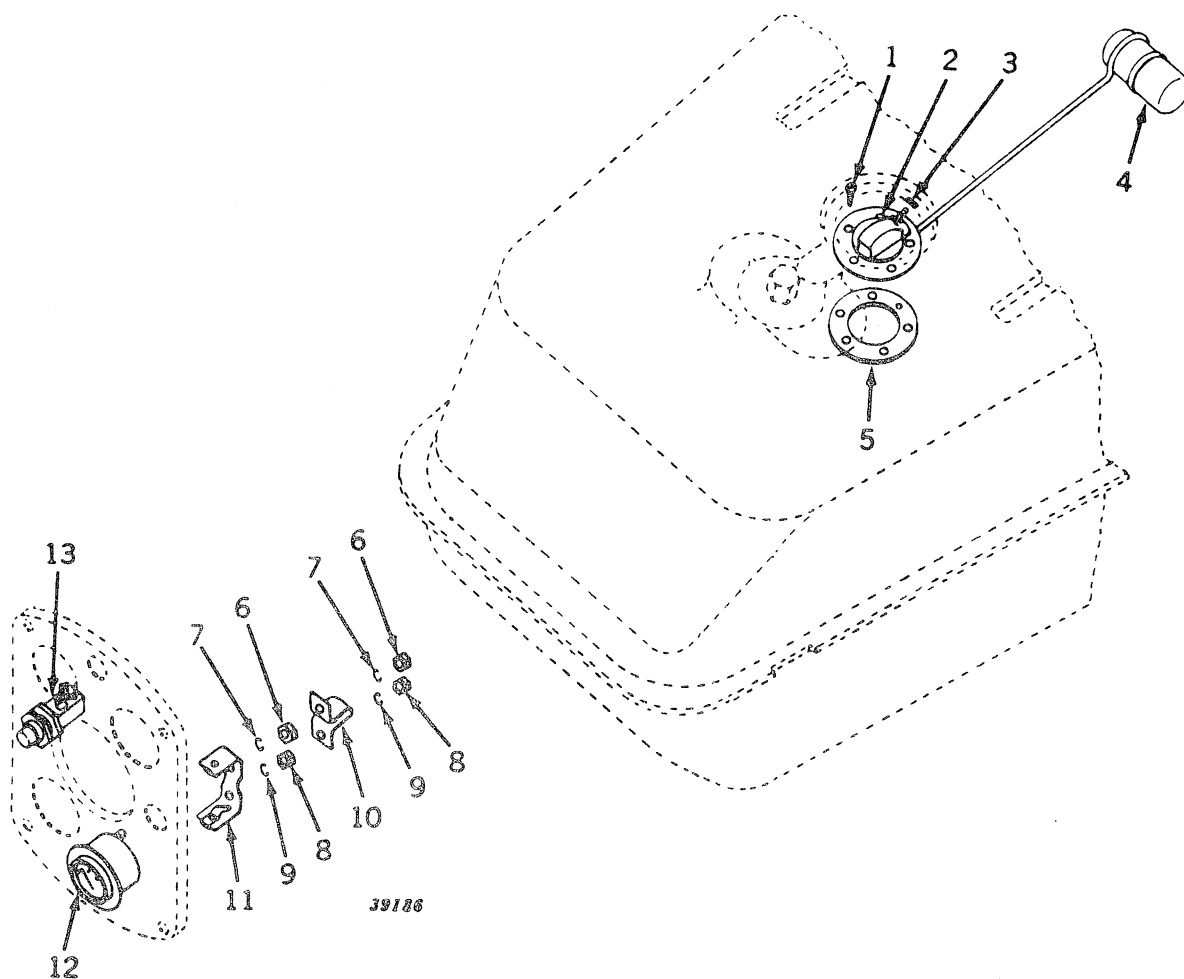


39992

Key	Part No.	Serial No.	Description
1	AF 1977 R	( - )	Pipe, fuel
2	A 258 R	( - )	Connector
3	AA 4331 R	( - )	Strainer, fuel
4	AA 4298 R	( - )	Valve
5	AA 4296 R	( - )	Body, strainer
6	AA 4297 R	( - )	Screen (packed 5 in a pkg.)
7	C 1778 R	( - )	Gasket (packed 25 in a pkg.)
8	AA 4507 R	( - )	Bowl and gasket (heat-resistant bowl)
9	R 21752 R	( - )	Nut, with washer (sub. for AA518R)
10	AA 517 R	( - )	Bail (packed 5 in a pkg.)

# FUEL GAUGE

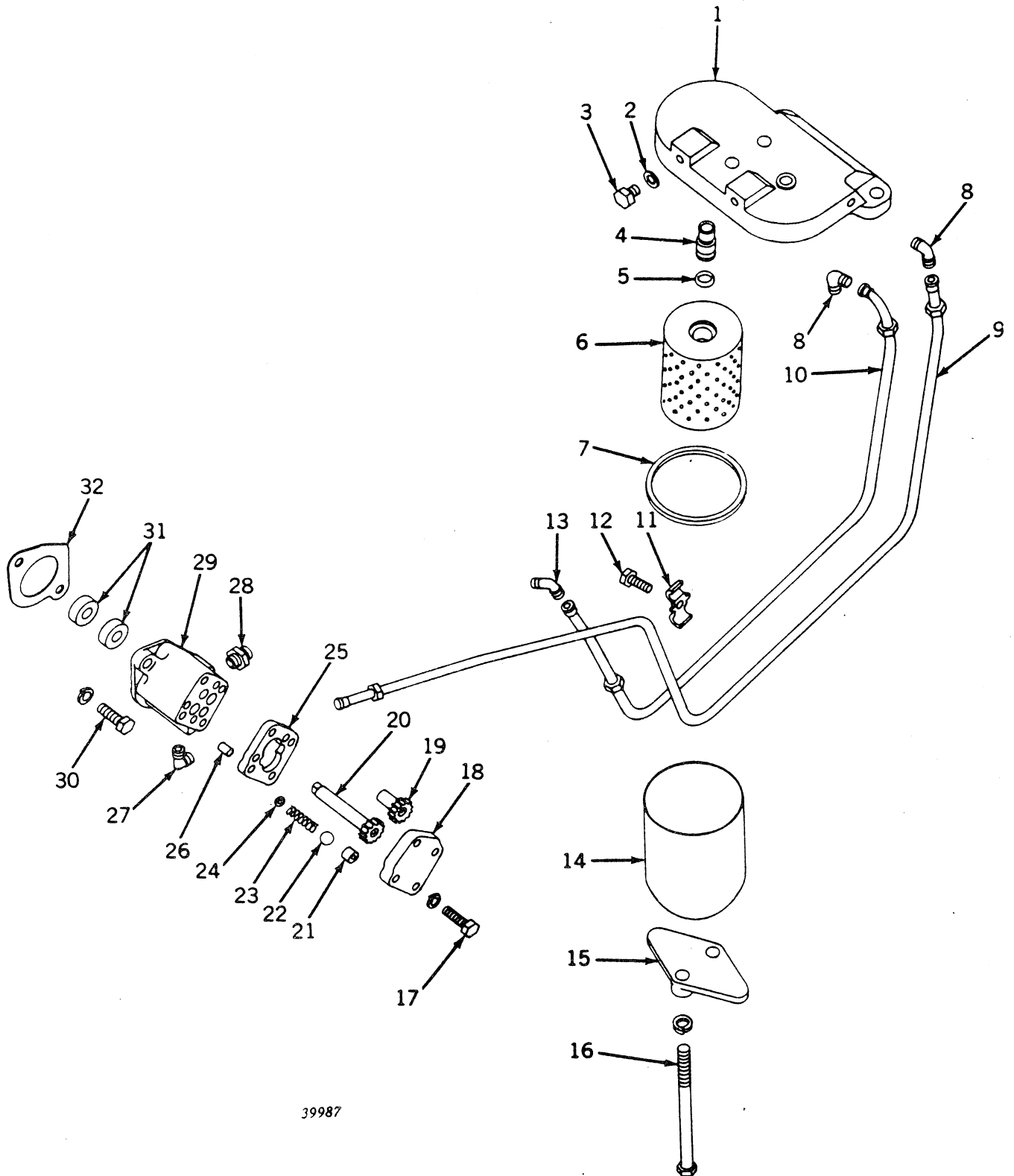
(Serial No. 7017500- )



Key	Part No.	Serial No.	Description
1	37H 43	( - )	Screw, self tapping, no. 8 x 3/8" (5 used) (packed 5 in a pkg.) (sub. for F2149R)
2	AF 2173 R	( - )	Sender, fuel gauge, with float
3	14H 631	( - )	Nut, no. 10
4	F 2167 R	( - )	Float, fuel gauge sender
5	R 27181 R	( - )	Gasket (sub. for F2148R)
6	14H 631	( - )	Nut, no. 10 (2 used)
7	12H 246	( - )	Washer, lock, no. 10 (2 used)
8	14H 605	( - )	Nut, no. 8 (2 used)
9	12H 315	( - )	Washer, lock, no. 8 (2 used)
10	F 2147 R	( - )	Separator, terminal, fuel gauge receiver
11	F 2146 R	( - )	Clamp, fuel gauge receiver
12	AF 2739 R	( - )	Receiver, fuel gauge, 6-volt (sub. for AF2170R)
13	AF 2171 R	( - )	Switch, fuel gauge

NOTE: For fuel gauge wiring, see "Instrument Panel Wiring".



**FUEL PUMP AND FUEL FILTERS**  
(Serial No. 7017500- )

39987

**FUEL PUMP AND FUEL FILTERS -- Continued**  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AF 1983 R	( - )	Head, F1771R, fuel filter
2	A 3098 R	( - )	Washer (2 used) (packed 5 in a pkg. )
3	19H 2038	( - )	Screw, cap, high-strength, 3/8" x 1/2" (2 used)
4	R 471 R	( - )	Tube, fuel filter element (2 used)
5	R 459 R	( - )	O-ring (2 used) (packed 5 in a pkg. )
6	AR 28611 R	( - )	Element, fuel filter, with felt washers and O-rings (2 used) (sub. for AR344R)
7	R 1021 R	( - )	Gasket (2 used) (packed 5 in a pkg. )
8	D 417 R	( - )	Elbow (2 used) (packed 2 in a pkg. )
9	AF 1984 R	( - )	Pipe, fuel, fuel pump to fuel filter head
10	AF 1985 R	( - )	Pipe, fuel, fuel filter head to cylinder block
11	F 1775 R	( - )	Clamp
12	19H 1905	( - )	Screw, cap, high-strength, 5/16" x 1"
13	D 417 R	( - )	Elbow (packed 2 in a pkg. )
14	R 473 R	( - )	Case, fuel filter (2 used)
15	F 1772 R	( - )	Clamp, fuel filter case
16	8H 4212	( - )	Bolt, mach., 7/16" x 7-1/2" (2 used)
	12H 293	( - )	Washer, lock, 7/16" (2 used)
17	19H 1791*	( - )	Screw, cap, high-strength, 1/4" x 1-1/4" (4 used)
	12H 302*	( - )	Washer, lock, 1/4" (4 used)
18	R 224 R*	( - )	Cover, fuel pump
19	R 226 R*	( - )	Gear, fuel pump idler
20	F 3627 R*	( - )	Gear, fuel pump drive (sub. for F1756R)
21	F 1759 R*	( - )	Piston, relief valve
22	405 R*	( - )	Ball, fuel pump by-pass (packed 2 in a pkg. )
23	R 227 R*	( - )	Spring, fuel pump by-pass (packed 2 in a pkg. )
24	24H 1281*	( - )	Washer, 5/32" x 3/8" x .048"
25	R 223 R*	( - )	Body, fuel pump
26	F 1743 R*	( - )	Pin, dowel (2 used) (packed 2 in a pkg. ) (sub. for D186R)
27	D 417 R*	( - )	Elbow (packed 2 in a pkg. )
28	A 258 R*	( - )	Connector
29	F 1754 R*	( - )	Housing, fuel pump (sub. AF3855R and F3627R)
	R 20139 R	( - )	Washer, felt, fuel pump housing (packed 2 in a pkg. )
	R 21085 R	( - )	Washer, special conical, in housing (packed 5 in a pkg. )
30	F 2273 R	( - )	Screw, cap, 3/8" (2 used)
	12H 304	( - )	Washer, lock, 3/8" (2 used)
31	AR 395 R*	( - )	Seal, oil (2 used) (packed 2 in a pkg. )
32	F 1755 R	( - )	Gasket (packed 2 in a pkg. )

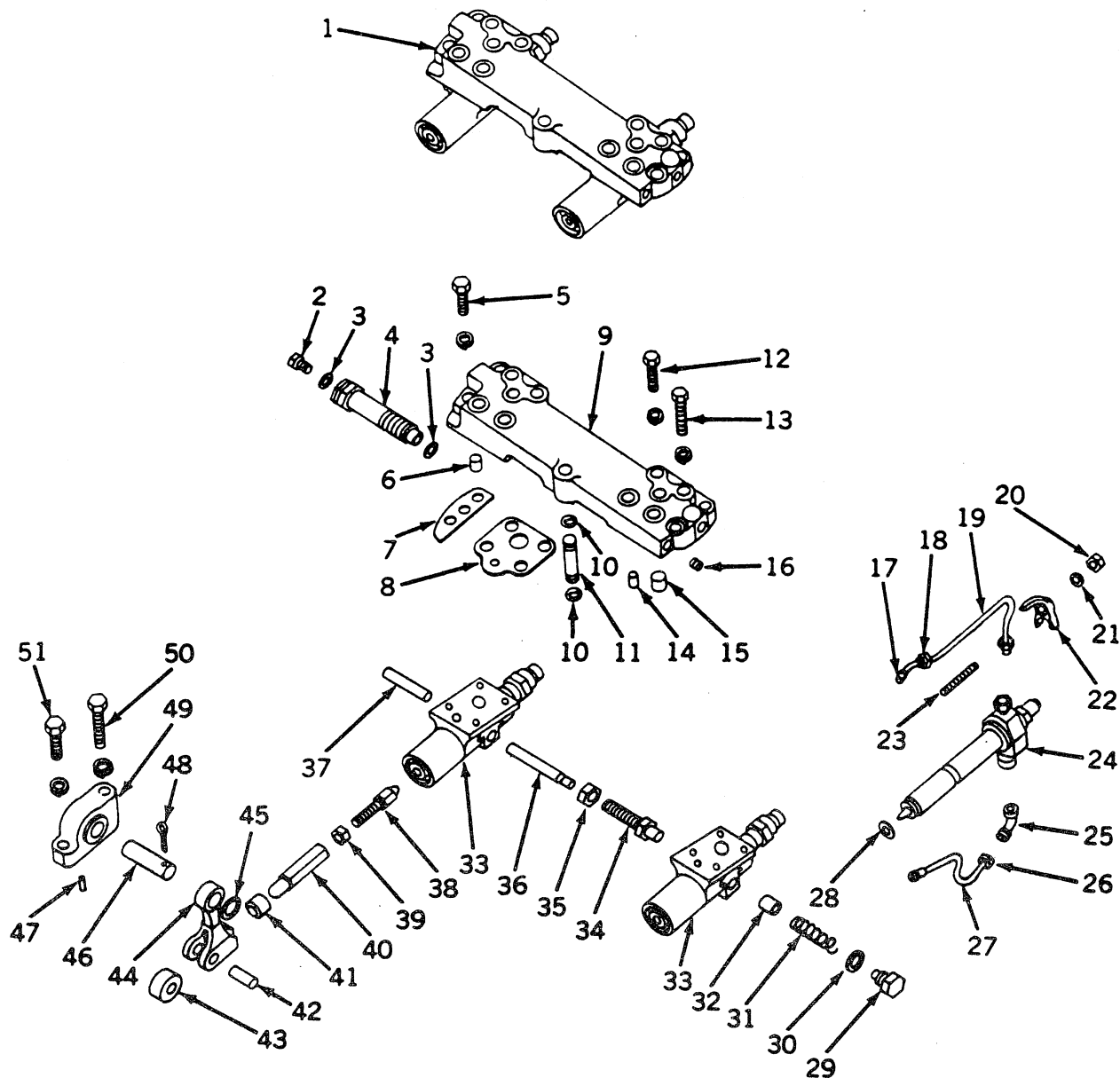
Part listed below is an assembly of some of the parts in this grouping.

AF 3853 R	( - )	Pump, fuel, complete (consists of parts marked with an *) (sub. for AF1968R)
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\*See AF3853R

# FUEL INJECTION SYSTEM

(Serial No. 7017500- )



39988

Key	Part No.	Serial No.	Description
1	AF 2210 R	( - )	Pumps, injection, with F1880R bracket (Scintilla) (sub. two AF37251)
	AF 2211 R	( - )	Pumps, injection, with F1880R bracket (Bosch) (sub. two AF3726R)
2	19H 2038	( - )	Screw, cap, high-strength, 3/8" x 1/2"
3	A 3098 R	( - )	Washer, copper (2 used) (packed 5 in a pkg.)
4	F 1885 R	( - )	Adapter, injection pump bleed
5	19H 1849	( - )	Screw, cap, high-strength, 5/16" x 1-1/4" (4 used)
	12H 303	( - )	Washer, lock, 5/16" (4 used)

**FUEL INJECTION SYSTEM -- Continued**  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
6	F 1883 R	( - )	Tube, injection pump bracket fuel inlet (2 used)
7	F 2438 R	( - )	Gasket (2 used) (packed 5 in a pkg.) (sub. for F1882R)
8	R 437 R	( - )	Gasket (2 used) (packed 5 in a pkg.)
9	AF 2027 R	( -7043254 )	Bracket, F1880R, injection pump, with tubes and pins (sub. AF3104R)
	AF 3104 R	( 7043255- )	Bracket, F3119R, injection pump, with tubes and filters
	R 2515 R	( 7043255- )	Filter, injection pump fuel inlet (2 used)
	R 2516 R	( 7043255- )	Spring, injection pump fuel inlet filter (2 used)
10	A 4365 R	( - )	O-ring (2 used) (packed 2 in a pkg.)
11	F 1881 R	( - )	Tube, injection pump bracket oil inlet
12	19H 1906	( - )	Screw, cap, high-strength, 5/16" x 1-1/2" (4 used)
	12H 303	( - )	Washer, lock, 5/16" (4 used)
13	19H 1901	( - )	Screw, cap, high-strength, 5/16" x 2" (4 used)
	12H 303	( - )	Washer, lock, 5/16" (4 used)
14	R 438 R	( - )	Tube, injection pump oil inlet (2 used)
15	R 487 R	( -7043254 )	Tube, injection pump fuel inlet (2 used)
	R 2514 R	( 7043255- )	Tube, injection pump fuel inlet (2 used)
16	15H 560	( - )	Plug (4 used)
17	R 468 R	( - )	Sleeve, Ermeto, fuel injection pipe (4 used)
18	R 469 R	( - )	Nut, Ermeto, fuel injection pipe (4 used)
19	AF 2029 R	( - )	Pipe, fuel injection, R.H.
	AF 2030 R	( - )	Pipe, fuel injection, L.H.
20	14H 391	( - )	Nut, 1/2" (2 used)
21	12H 301	( - )	Washer, lock, 1/2" (2 used)
22	R 464 R	( - )	Clamp, injector nozzle (2 used)
23	R 465 R	( - )	Stud, 1/2" x 3-1/2" (2 used)
24	AF 2156 R	( - )	Nozzle, injection (Scintilla) (2 used)
	AF 2157 R	( - )	Nozzle, injection (Bosch) (2 used)
25	H 315 R	( - )	Elbow (2 used)
26	A 2875 R	( - )	Nut, bushing (2 used)
27	AR 466 R	( - )	Pipe, injector leak-off, R.H. (sub. for AF2031R)
	AR 467 R	( - )	Pipe, injector leak-off, L.H. (sub. for AF2032R)
28	R 463 R	( - )	Washer, injector nozzle (2 used) (packed 5 in a pkg.)
29	F 2141 R	( - )	Plug, injector pump rack spring
30	R 229 R	( - )	Washer (packed 2 in a pkg.)
31	F 3322 R	( - )	Spring, injection pump rack (sub. for H834R) (packed 2 in a pkg.)
32	F 3305 R	( - )	Guide, rack spring (sub. for R1044R)
33	AF 3725 R	( - )	Pump, injection (Scintilla) (2 used)
	AF 3726 R	( - )	Pump, injection (Bosch) (2 used)
34	R 1153 R	( - )	Screw, injection pump rack spring (sub R20940R and F3307R)
35	14H 649	( - )	Nut, jam, 1/4"
36	F 1879 R	( - )	Rod, injection pump adjusting (sub. F3307R and R20940R)
37	F 1884 R	( - )	Rod, injection pump control
38	F 1878 R	( - )	Screw, injection pump adjusting (2 used) (sub. F3381R rod and F3382R adjusting screw)
39	14H 650	( - )	Nut, 5/16" (2 used)
40	F 1877 R	( - )	Rod, injection pump push (2 used) (sub. F3381R rod and F3382R adjusting screw)
41	F 1876 R	( - )	Seat, injection pump push rod (2 used) (sub. F3528R seat, F3381R rod, and F3382R adjusting screw)
42	R 432 R	( - )	Pin, injection cam follower roller (2 used)
43	R 431 R	( - )	Roller, injection cam follower (2 used)
44	AF 2025 R	( - )	Follower, F1875R, injection cam, with roller and seat (2 used) (sub. AF3734R*, F3381R rod, and F3382R adjusting screw)
45	24H 1658	( - )	Washer, 21/32" x 1" x .060" (2 used)
46	F 3268 R	( - )	Shaft, injection pump cam follower (2 used) (sub. for F2095R)
47	F 1743 R	( - )	Pin, dowel (4 used) (sub. for D186R) (packed 2 in a pkg.)
48	11H 234	( - )	Pin, cotter, 3/32" x 1" (2 used)
49	F 1873 R	( - )	Bracket, injection pump cam follower (2 used)
50	19H 1726	( - )	Screw, cap, high-strength, 3/8" x 2-1/4" (2 used)
	12H 304	( - )	Washer, lock, 3/8" (2 used)
51	19H 1800	( - )	Screw, cap, high-strength, 3/8" x 1-1/2" (2 used)
	12H 304	( - )	Washer, lock, 3/8" (2 used)

Part listed below is an assembly of some of the parts in this grouping.

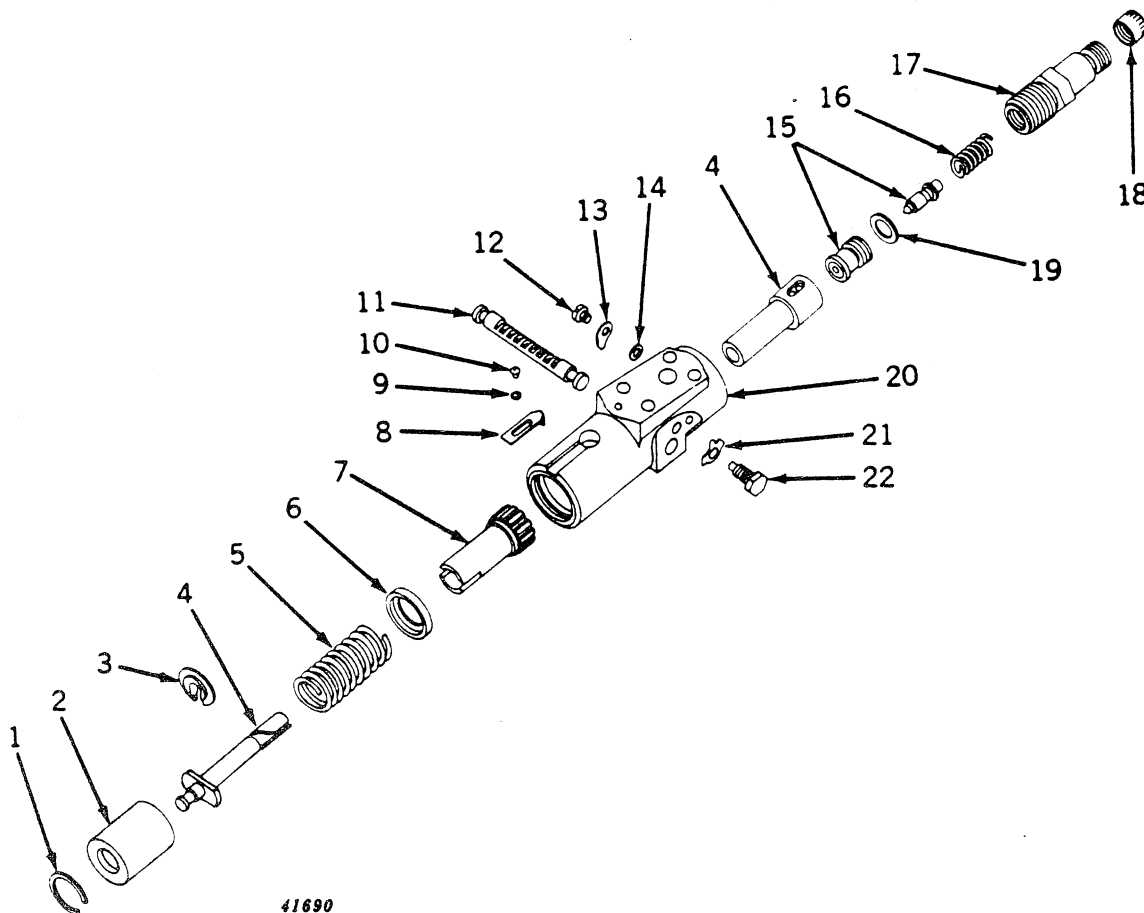
AR 1050 R ( - ) Kit, injection nozzle sleeve, consisting of sleeves, packing, washer, and screws

Part listed below is not illustrated.

AR 20874 R ( -7223363 ) Pump, injection, fuel bleed system (use in conjunction with AR20247R camshaft)

\*AF3734R consists of F1785R cam follower, F3528R push rod seat, R431R roller, and R432R pin.

FUEL INJECTION PUMP (Scintilla)  
(Serial No. 7017500- )

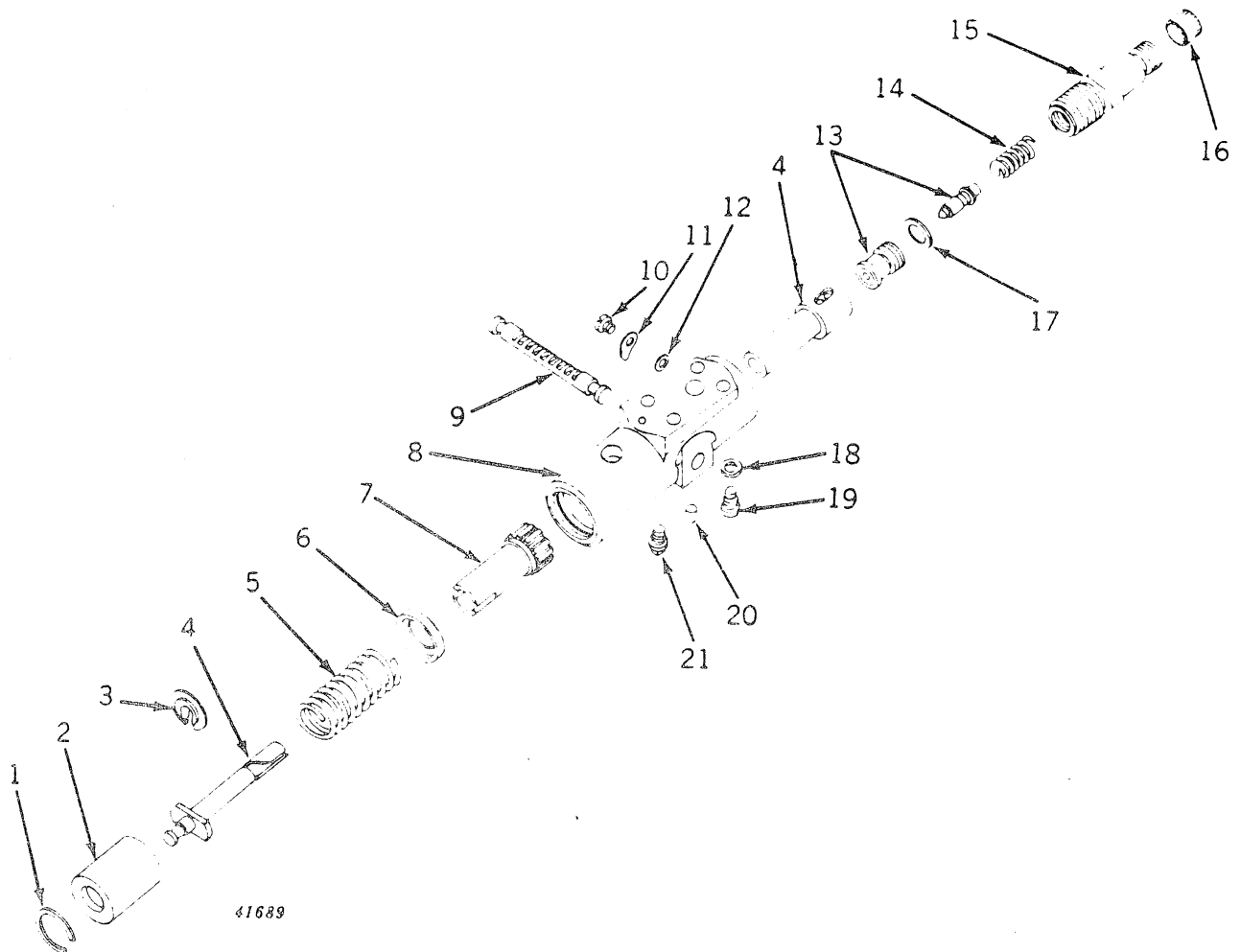


41690

Key	Part No.	Serial No.	Description
1	R 916 R	( - )	Ring, snap, follower retaining*
2	AF 3731 R	( - )	Follower, plunger* (sub. for F2216R)
3	R 914 R	( - )	Plate, spring, lower*
4	AR 734 R	( - )	Plunger and barrel*
5	R 913 R	( - )	Spring, plunger*
6	R 912 R	( - )	Plate, spring, upper*
7	R 911 R	( - )	Sleeve, control*
8	R 925 R	( - )	Indicator, timing
9	12H 338	( - )	Washer, lock, internal tooth* (sub. for R926R)
10	R 927 R	( - )	Screw, timing indicator to body*
11	R 922 R	( - )	Rack, control*
12	21H 979	( - )	Screw, indicator to body*
13	R 921 R	( - )	Indicator, control rack*
14	R 917 R	( - )	Shim, indicator, .005"* (packed 5 in a pkg.)
	R 918 R	( - )	Shim, indicator, .016"* (sub. R917R)
	R 919 R	( - )	Shim, indicator, .031"* (sub. R917R)
	R 920 R	( - )	Shim, indicator, .042"* (sub. R917R)
15	AR 735 R	( - )	Valve, delivery
16	R 929 R	( - )	Spring, delivery valve
17	R 930 R	( - )	Holder, delivery valve
18	B 2979 R	( - )	Cap, protector (packed 2 in a pkg.) (sub. for R1119R)
19	R 928 R	( - )	Gasket, delivery valve (packed 2 in a pkg.)
20	R 910 R	( - )	Housing*
21	R 923 R	( - )	Washer, lock and seal
22	R 924 R	( - )	Screw, pressure

\* Special equipment required when these parts are serviced.

FUEL INJECTION PUMP (Bosch)  
(Serial No. 7017500- )

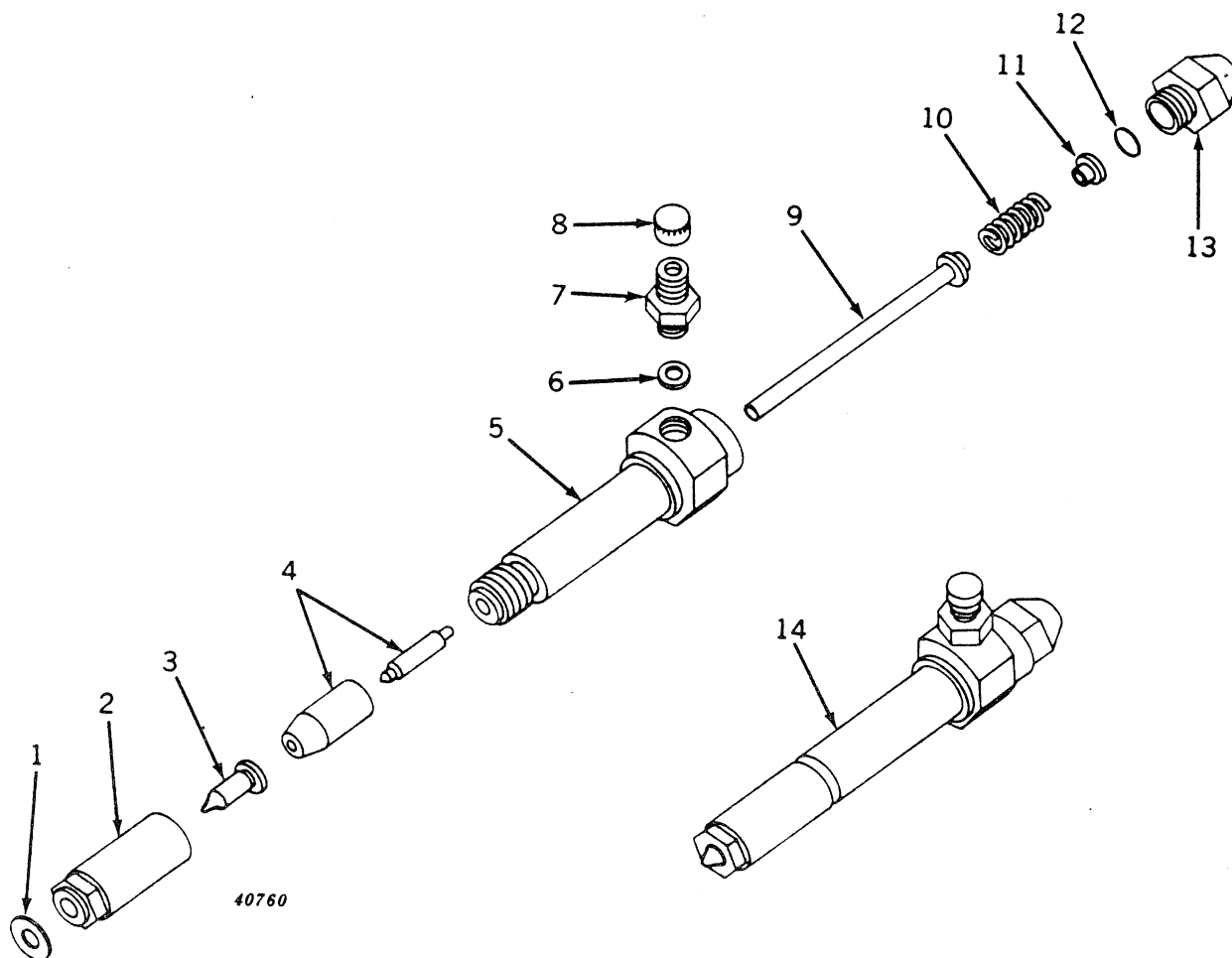


Key	Part No.	Serial No.	Description
1	R 1095 R	( - )	Ring, snap, follower retaining*
2	AF 3732 R	( - )	Follower, plunger* (sub. for F2215R)
3	R 1093 R	( - )	Plate, spring, lower*
4	AR 832 R	( - )	Plunger and barrel*
5	R 1092 R	( - )	Spring, plunger*
6	R 1091 R	( - )	Plate, spring, upper*
7	R 1090 R	( - )	Sleeve, control*
8	R 1081 R	( - )	Housing*
9	F 2259 R	( -7031299 )	Rack, control* (sub. for R1088R)
	F 2259 R	( 7031300- )	Rack, control*
10	R 2772 R	( - )	Screw, indicator* (sub. for R1102R)
11	R 1101 R	( - )	Indicator, control rack*
12	R 1096 R	( - )	Shim, indicator, .008"* (packed 2 in a pkg.)
	R 1097 R	( - )	Shim, indicator, .012"*
	R 1098 R	( - )	Shim, indicator, .020"* (packed 2 in a pkg.)
	R 1099 R	( - )	Shim, indicator, .065"* (packed 2 in a pkg.)
	R 1100 R	( - )	Shim, indicator, .035"* (packed 2 in a pkg.)
13	AR 833 R	( - )	Valve, delivery
14	R 1083 R	( - )	Spring, delivery valve
15	R 1082 R	( - )	Holder, delivery valve
16	B 2979 R	( - )	Cap, protector (packed 2 in a pkg.) (sub. for R1119R)
17	R 1084 R	( - )	Gasket, delivery valve (packed 2 in a pkg.)
18	R 1087 R	( - )	Gasket, barrel stop screw* (packed 2 in a pkg.)
19	R 1085 R	( - )	Screw, barrel locating screw*
20	R 1086 R	( - )	Plug*
21	R 1089 R	( - )	Screw, rack stop*

\* Special equipment required when these parts are serviced.

# INJECTOR NOZZLE (Scintilla)

(Serial No. 7017500- )



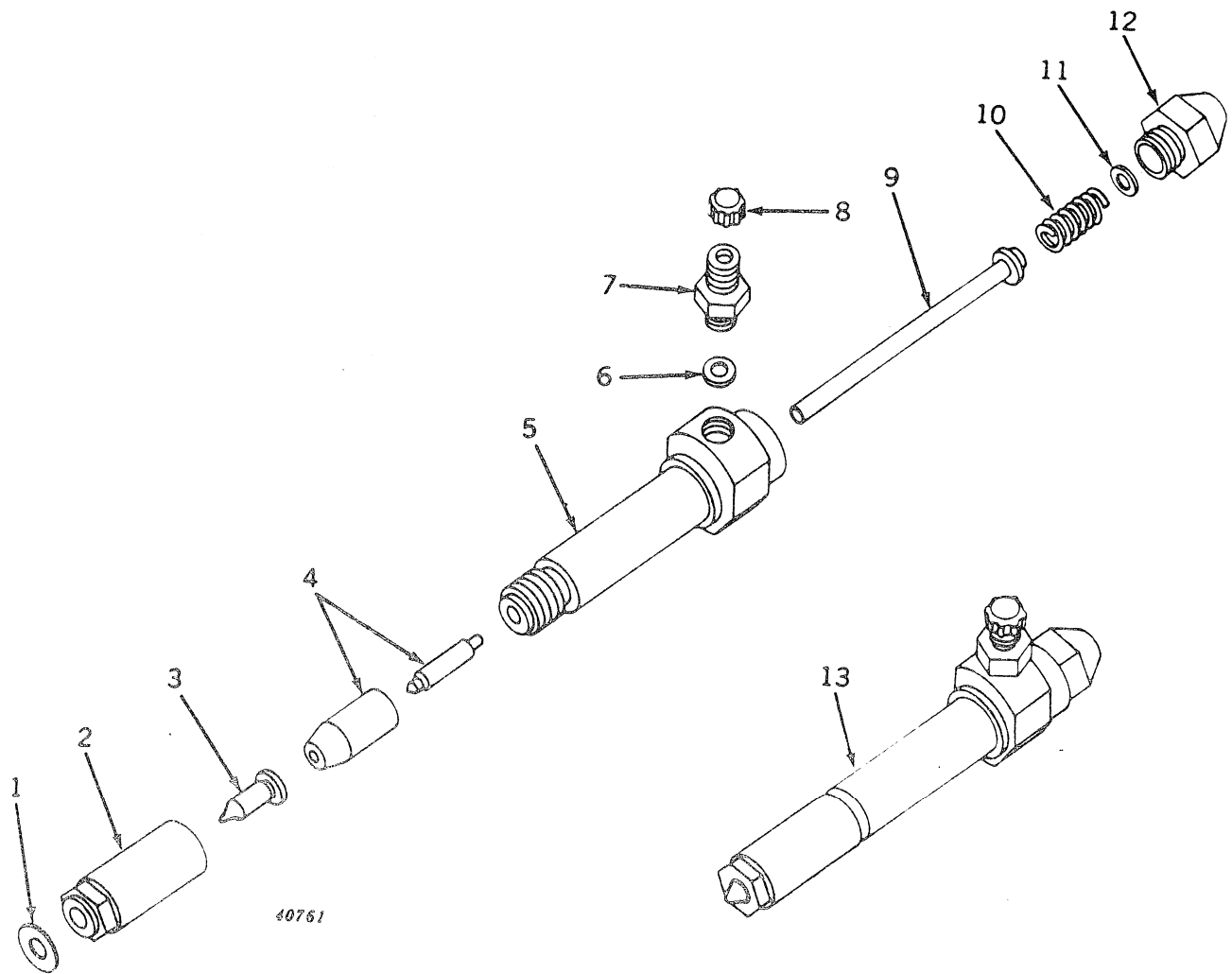
Key	Part No.	Serial No.	Description
1	R 463 R	( - )	Washer, copper (packed 5 in a pkg.)
2	R 933 R	( - )	Nut, spray tip retaining
3	F 2139 R	( - )	Tip, spray
4	AR 736 R	( - )	Valve, nozzle*
5	R 931 R	( - )	Body, nozzle holder*
6	R 941 R	( - )	Washer, inlet nipple (packed 5 in a pkg.)
7	R 942 R	( - )	Nipple, inlet
8	B 2979 R	( - )	Cap, protector (sub. for R1119R)
9	AR 737 R	( - )	Pin, pressure*
10	R 934 R	( - )	Spring, nozzle*
11	R 939 R	( - )	Seat, spring*
12	R 1048 R	( - )	Shim, .003", pressure adjusting*
	R 1234 R	( - )	Shim, .004", pressure adjusting*
	R 935 R	( - )	Shim, .005", pressure adjusting* (packed 5 in a pkg.)
	R 936 R	( - )	Shim, .010", pressure adjusting* (packed 2 in a pkg.)
	R 937 R	( - )	Shim, .016", pressure adjusting*
	R 938 R	( - )	Shim, .031", pressure adjusting* (packed 2 in a pkg.)
13	R 940 R	( - )	Cap, spring*
14	AF 2156 R	( - )	Nozzle, injector, complete (Scintilla) (2 used) (exchange credit allowable)

Part listed below is not illustrated.

AF 2291 R ( - ) Broaches, cleaning (set of 5)

\* Special equipment required when these parts are serviced.

# INJECTOR NOZZLE (Bosch) (Serial No. 7017500- )



Key	Part No.	Serial No.	Description
1	R 463 R	( " )	Washer, copper (packed 5 in a pkg.)
2	R 1105 R	( " )	Nut, spray tip retaining
3	R 2587 R	( " )	Tip, spray (sub. for F2140R)
4	AR 834 R	( " )	Valve, nozzle*
5	R 1103 R	( " )	Body, nozzle holder*
6	R 1107 R	( " )	Washer, inlet nipple (packed 2 in a pkg.)
7	R 1106 R	( " )	Nipple, inlet
8	B 2979 R	( " )	Cap, protector (sub. for R1119R)
9	AR 835 R	( " )	Pin, pressure*
10	R 1108 R	( " )	Spring, nozzle*
11	R 1109 R	( " )	Shim, .004", pressure adjusting* (packed 5 in a pkg.)
	R 1110 R	( " )	Shim, .008", pressure adjusting* (packed 5 in a pkg.)
	R 1111 R	( " )	Shim, .020", pressure adjusting* (packed 2 in a pkg.)
	R 1112 R	( " )	Shim, .042", pressure adjusting* (packed 2 in a pkg.)
	R 1113 R	( " )	Shim, .083", pressure adjusting* (packed 2 in a pkg.)
	R 1114 R	( " )	Shim, 3.5mm, pressure adjusting*
	R 1115 R	( " )	Shim, .002", pressure adjusting* (packed 5 in a pkg.)
12	R 1116 R	( " )	Cap, spring*
13	AF 2157 R	( " )	Nozzle, injector, complete (Bosch) (2 used) (exchange credit allowable)

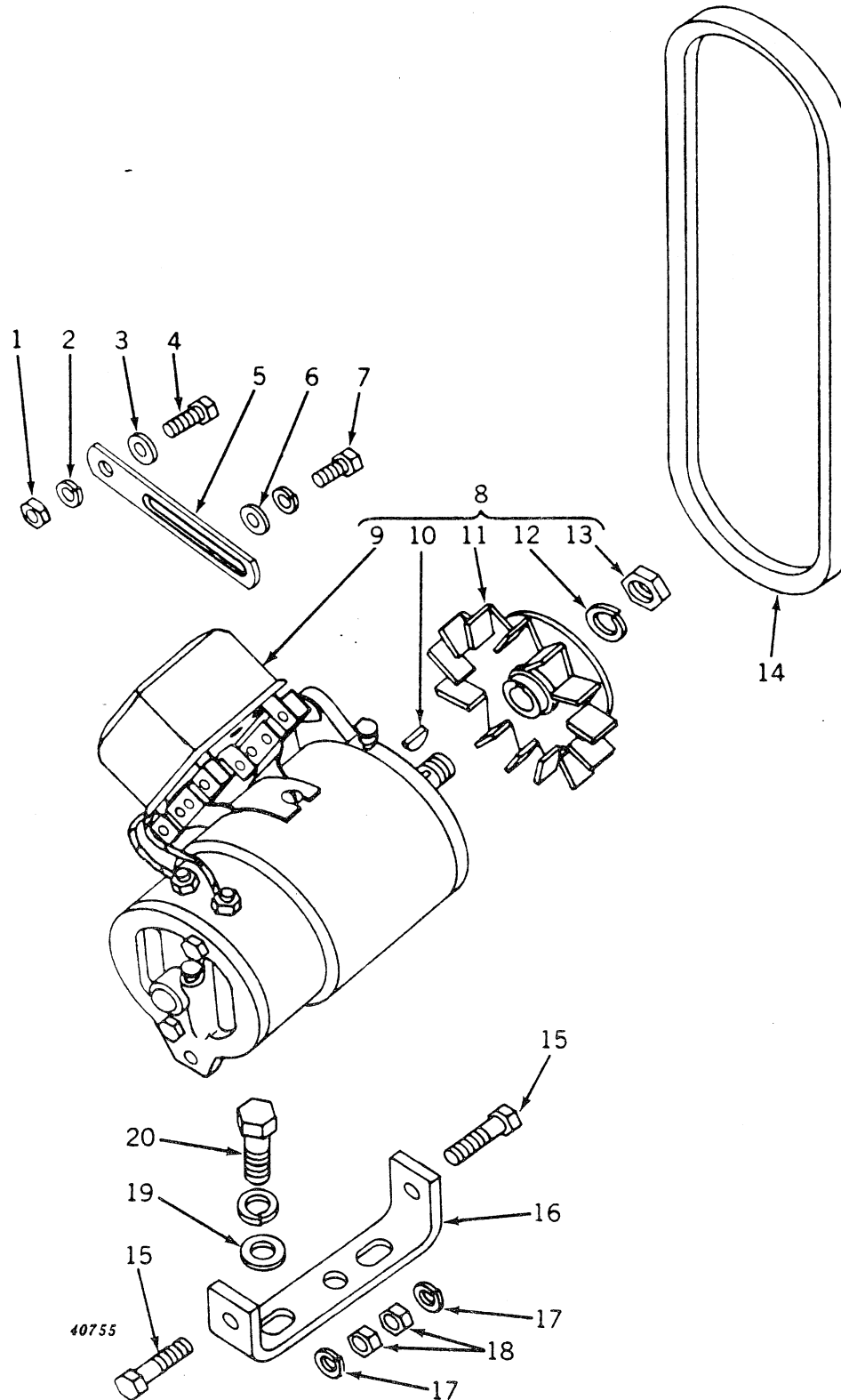
Part listed below is not illustrated.

AF 2291 R ( " ) Broaches, cleaning (set of 5)

\* Special equipment required when these parts are serviced.



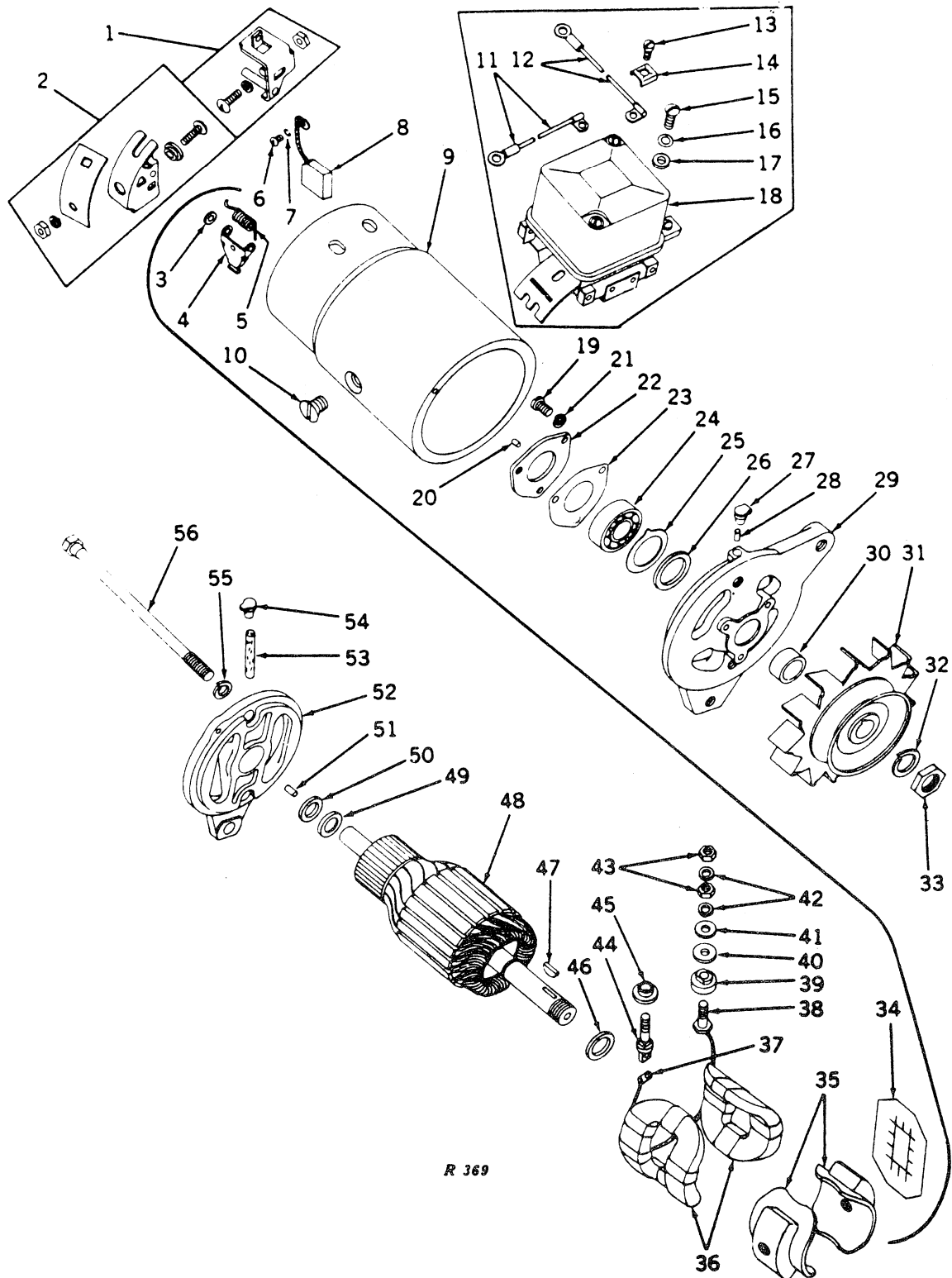
GENERATOR, REGULATOR, AND MOUNTING BRACKET  
(Serial No. 7017500- )



**GENERATOR, REGULATOR, AND MOUNTING -- Continued**  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	14H 785	( - )	Nut, 5/16"
2	12H 303	( - )	Washer, lock, 5/16"
3	24H 1136	( - )	Washer, 11/32" x 11/16" x .060"
4	19H 2127	( - )	Screw, cap, high-strength, 5/16" x 7/8"
5	F 1514 R	( - )	Strap, adjusting
6	24H 1290	( - )	Washer, 21/64" x 3/4" x .036"
7	19H 1900	( - )	Screw, cap, 5/16" x 3/4"
	12H 303	( - )	Washer, lock, 5/16"
8	AF 2080 R	( - )	Generator, with fan and pulley (6-volt) (Delco-Remy no. 1100027) (sub. AR21907R) (for service parts see pages 40-4 and 40-8)
9	1118786	( - )	Regulator, voltage (for service parts see page 40-6)
10	26H 72	( - )	Key, Woodruff, 1/8" x 5/8"
11	AR 11097 R	( - )	Pulley and fan (sub. for 1924689) (sub. R11283R and T12870T)
12	T 10745 T	( - )	Washer, lock (sub. for 804000)
13	806915	( - )	Nut
14	A 4897 R	( - )	Belt, generator and water pump
15	19H 1800	( - )	Screw, cap, high-strength, 3/8" x 1-1/4" (2 used) (sub. for F2273R)
16	R 21136 R	( - )	Bracket, mounting (sub. for F1413R)
17	12H 304	( - )	Washer, lock, 3/8" (2 used)
18	14H 812	( - )	Nut, 3/8" (2 used)
19	24H 1375	( - )	Washer, 11/16" x 1-1/8" x .060" (2 used)
20	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (2 used)
	12H 293	( - )	Washer, lock, 7/16" (2 used)

AF2080R GENERATOR AND VOLTAGE REGULATOR (6-Volt) (Delco-Remy)  
(Serial No. 7017500- )



R 369

**AF2080R GENERATOR AND VOLTAGE REGULATOR**  
 (6-Volt) (Delco-Remy) -- Continued  
 (Serial No. 7017500- )

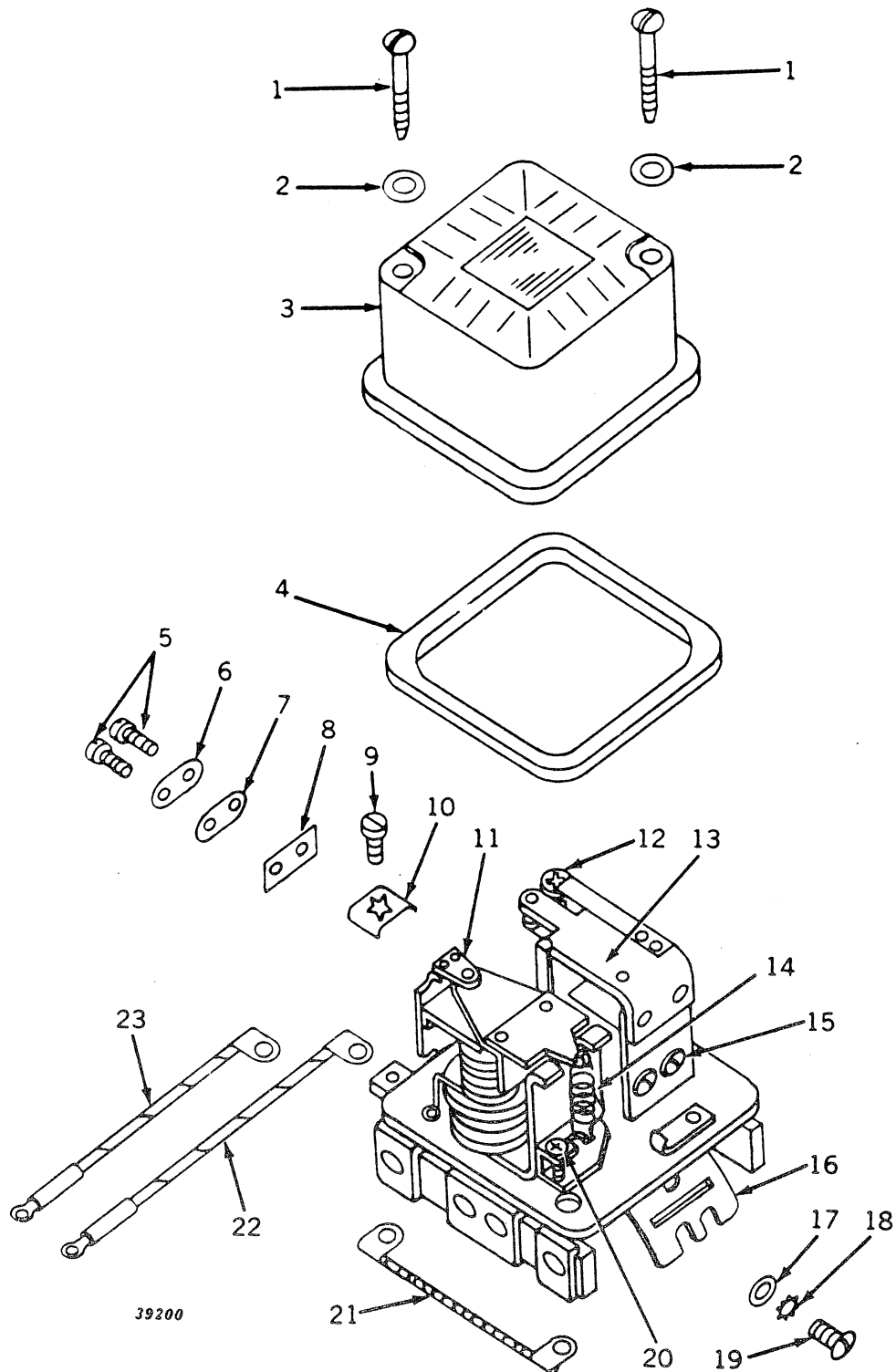
Key	Part No.	Serial No.	Description
1	AR 11100 R	( - )	Holder, ground brush (set) (sub. for 192228)
2	AR 40217	( - )	Holder, insulated brush (set) (sub. for 1922289 or AR11068R)
3	1857412*	( - )	Washer, brush arm spacer (2 used)
4	1878183*	( - )	Arm, main brush (2 used)
5	T 11652 T	( - )	Spring, brush (2 used) (sub. for 1908829)
6	132688*	( - )	Screw, special mach., brush lead attaching (2 used)
7	12H 314	( - )	Washer, lock, brush lead attaching screw (2 used) (sub. for 1904377 or R11106R)
8	AR 11074 R	( - )	Brush (2 used) (sub. for 1906946) (packed 2 in a pkg.)
9	.....	( - )	Frame, main
10	T 18353 T	( - )	Screw, pole shoe (2 used) (sub. for 1843646 or R11097R)
11	1911485	( - )	Lead, regulator to "F" terminal
12	.....	( - )	Lead, regulator to "A" terminal, 7-3/8" (make from R32007R, R32018R, and R32021R from AR30963R wiring repair kit) (sub. for 1917571)
13	R 11100 R	( - )	Screw, mach., terminal (3 used) (sub. for 1864099)
14	R 11084 R	( - )	Clip, terminal (3 used) (sub. for 1868137)
15	21H 995	( - )	Screw, regulator mounting (2 used)
16	12H 295	( - )	Washer, lock no. 10 (2 used) (sub. for A3010R)
17	24H 1283	( - )	Washer, mounting screw, 7/32" x 1/2" x .048" (2 used)
18	1118786	( - )	Regulator, voltage (for service parts, see page 40-6)
19	21H 1127	( - )	Screw, plate attaching (3 used) (sub. for 1904370 or R11105R)
20	R 11087 R	( - )	Pin, dowel (sub. for 809593)
21	12H 246	( - )	Washer, lock (3 used) (sub. for A3009R)
22	R 11109 R	( - )	Plate, bearing retainer (sub. for 1911263)
23	R 11110 R	( - )	Gasket, bearing retainer plate (sub. for 1912008)
24	JD 9281	( - )	Bearing
25	R 11094 R	( - )	Plate, felt washer retaining (sub. for 819104)
26	R 11089 R	( - )	Washer, felt (sub. for 809961)
27	1880641*	( - )	Cup, oil
28	R 11159 R	( - )	Plug, felt (sub. for 82351)
29	1925097*	( - )	Frame, drive end
30	1858603*	( - )	Collar, shaft
31	AR 11097 R	( - )	Pulley and fan (sub. for 1924689) (sub. R11283R and T12870T)
32	T 10745 T	( - )	Washer, lock (sub. for 804000)
33	806915	( - )	Nut
34	R 11160 R	( - )	Insulator, field coil (2 used) (sub. for 1914491)
35	R 11161 R	( - )	Shoe, pole (2 used) (sub. 1914618)
36	1921356	( - )	Coil, field
37	200362	( - )	Terminal (sub. for 200182)
38	R 11042 R	( - )	Stud, field terminal (sub. for 1921860 or R11163R)
39	1885090*	( - )	Insulator, terminal stud
40	R 11098 R	( - )	Washer, insulating (sub. for 1858753)
41	24H 1287	( - )	Washer, 9/32" x 5/8" x .060" (2 used) (sub. for A3031R)
42	12H 316	( - )	Washer, lock, no. 12 (4 used) (sub. for A3011R)
43	14H 608	( - )	Nut, terminal stud (4 used)
44	R 11162 R	( - )	Stud, armature terminal (sub. for 1921369)
45	R 11113 R	( - )	Bushing, insulating (sub. for 1921362)
46	R 11088 R	( - )	Washer, inside spacing (sub. for 809945)
47	26H 72	( - )	Key, Woodruff, 1/8" x 5/8"
48	1921351	( - )	Armature
49	R 11165 R	( - )	Cup, washer retainer (sub. for 1927448)
50	R 11164 R	( - )	Washer, felt (sub. for 1927447)
51	R 11086 R	( - )	Pin, dowel (sub. for 809062)
52	AR 11117 R	( - )	Frame, commutator end (sub. for 1928061 or AR11102R)
53	804080*	( - )	Wick, commutator end
54	E 2302 RT	( - )	Cup, oil
55	12H 303	( - )	Washer, lock, 5/16" (2 used)
56	R 11158 R	( - )	Bolt, thru (2 used) (sub. for 815018)

Part listed below is an assembly of parts in this grouping.

AF 2080 R	( - )	Generator (6-volt) (Delco-Remy no. 1100027) (sub. AR21907R) (for service parts, see page 40-8)
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\* Furnished by John Deere Dubuque Works

VOLTAGE REGULATOR  
(Serial No. 7017500- )



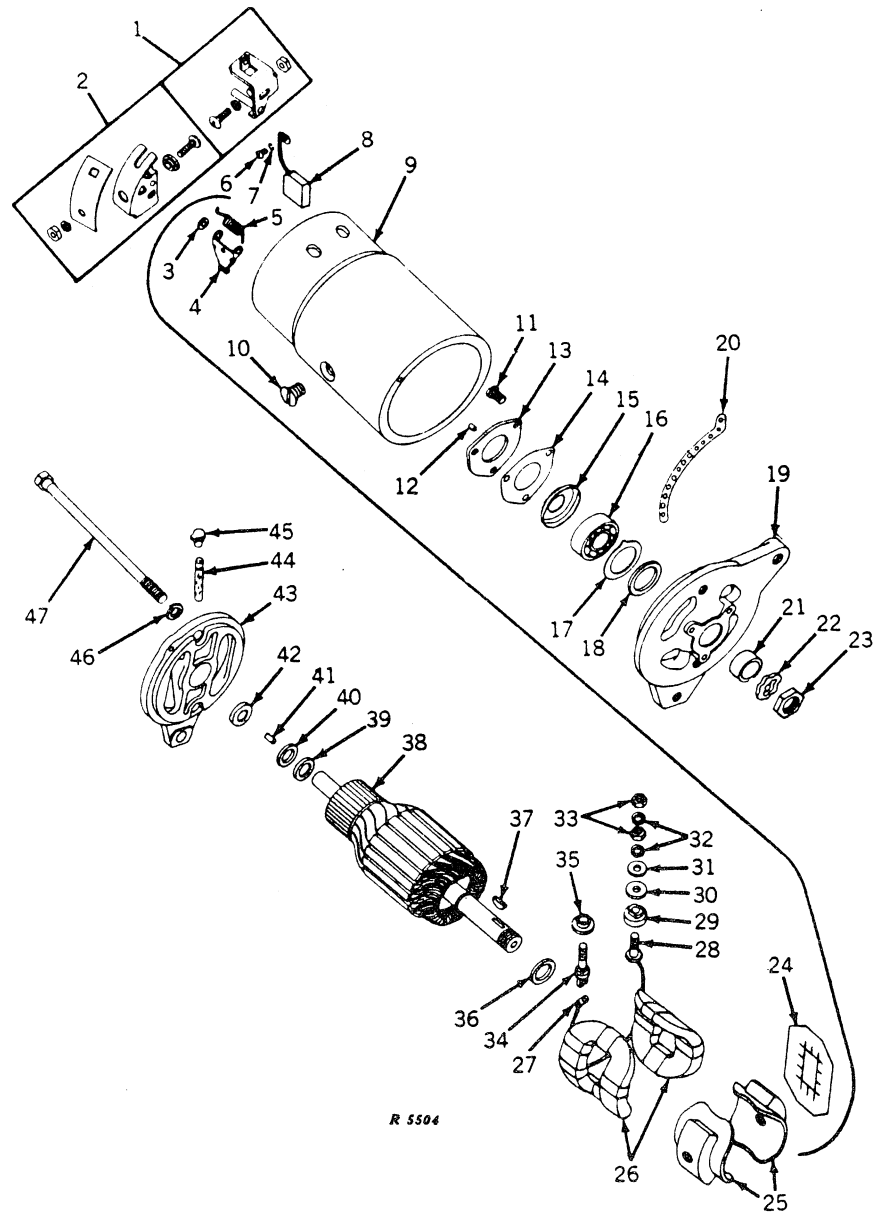
VOLTAGE REGULATOR -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	R 11170 R	( - )	Screw, special mach. (2 used) (sub. for 1927982)
2	R 11156 R	( - )	Washer, special insulating (2 used) (sub. for 1922996 or R11115R)
3	R 11168 R	( - )	Cover (sub. for 1927980)
4	R 11169 R	( - )	Gasket (sub. for 1927981)
5	R 11103 R	( - )	Screw, contact attaching (2 used) (sub. for 1878516)
6	R 11101 R	( - )	Plate, lock, contact attaching screw (sub. for 1878505)
7	R 11114 R	( - )	Insulator (sub. for 1922599)
8	R 11102 R	( - )	Insulator (sub. for 1878507)
9	R 11100 R	( - )	Screw, terminal (3 used) (sub. for 1864099)
10	R 11084 R	( - )	Clip, terminal (3 used) (sub. for 1868137)
11	AR 11103 R	( - )	Support, contact (sub. for 1878517)
12	R 11111 R	( - )	Screw, adjusting (sub. for 1912159)
13	1878780	( - )	Armature (furnished by Harvester)
14	R 11112 R	( - )	Spring (sub. for 1912176)
15	21H 1114	( - )	Screw, relay armature attaching (2 used) (sub. for 1904817)
	12H 314	( - )	Washer, lock, relay armature attaching screw (2 used) (sub. for 1904377 or R11106R)
16	.....	( - )	Base, mounting (not furnished) (order 1118786)
17	24H 1283	( - )	Washer, 7/32" x 1/2" x .048", mounting screw (2 used)
18	12H 295	( - )	Washer, lock, no. 10 (2 used) (sub. for A3010R)
19	21H 995	( - )	Screw, mach., rd. hd., no. 10 x 3/8", regulator mounting (2 used)
20	1922408	( - )	Screw, adjusting
21	1910183	( - )	Resistor
22	1911485	( - )	Lead, regulator to "F" terminal on generator
23	.....	( - )	Lead, 7-3/8", regulator to "A" terminal on generator (make from R32007R, R32018R, and R32021R from AR30963R wiring repair kit) (sub. for 1917571)

Part listed below is an assembly of parts in this grouping.

1118786 ( - ) Regulator, voltage, with cover, less leads (6-volt)

## AR21907R GENERATOR (6-Volt) (Delco-Remy)



## AR21907R GENERATOR\* (6-Volt) (Delco-Remy) -- Continued

Key	Part No.	Serial No.	Description
1	AR 11100 R	( - )	Holder, ground brush (set)
2	AR 40217	( - )	Holder, insulated brush (set) (sub. for AR11068R)
3	T 11651 T	( - )	Washer, brush arm spacer (2 used)
4	T 11649 T	( - )	Arm, main brush (2 used)
5	T 11652 T	( - )	Spring, brush (2 used)
6	21H 1114	( - )	Screw, special mach., no. 6 x 1/4" (2 used)
7	12H 314	( - )	Washer, lock, no. 6, (2 used) (sub. for R11106R)
8	AR 11074 R	( - )	Brush (2 used)
9	.....	( - )	Frame, main
10	T 18353 T	( - )	Screw, pole shoe (2 used) (sub. for R11097R)
11	21H 1127	( - )	Screw, mach., UNF, no. 10 x 7/16" (3 used) (sub. for R11105R)
12	R 11087 R	( - )	Pin, dowel
13	R 11109 R	( - )	Plate, bearing retainer
14	R 11110 R	( - )	Gasket, bearing retainer plate (packed 2 in a pkg.)
15	R 11205 R	( - )	Slinger, oil
16	JD 9281	( - )	Bearing (sub. for JD7695)
17	R 11204 R	( - )	Plate, felt washer retaining
18	R 11089 R	( - )	Washer, felt
19	R 11203 R	( - )	Frame, drive end
20	R 11200 R	( - )	Bracket, adjusting
21	T 11648 T	( - )	Collar, shaft
22	T 10745 T	( - )	Washer, spring
23	R 11049 R	( - )	Nut
24	R 11160 R	( - )	Insulator, field coil (2 used)
25	R 11161 R	( - )	Shoe, pole (2 used)
26	1921356	( - )	Coil, field
27	R 11043 R	( - )	Terminal, screw lock clip
28	R 11042 R	( - )	Stud, field terminal (sub. for R11163R)
29	T 11650 T	( - )	Insulator, terminal stud
30	R 11098 R	( - )	Washer, insulating (packed 2 in a pkg.)
31	24H 1287	( - )	Washer, 7/32" x 5/8" x .060" (2 used) (sub. for A3031R)
32	12H 316	( - )	Washer, lock, no. 12 (4 used) (sub. for A3011R)
33	14H 608	( - )	Nut, no. 12 (4 used)
34	R 11162 R	( - )	Stud, armature terminal
35	R 11113 R	( - )	Bushing, insulating
36	R 11088 R	( - )	Washer, inside spacing (packed 2 in a pkg.)
37	26H 72	( - )	Key, Woodruff, 1/8" x 5/8"
38	AR 11119 R	( - )	Armature
39	R 11165 R	( - )	Cup, washer retainer
40	R 11164 R	( - )	Washer, felt
41	R 11086 R	( - )	Pin, dowel
42	R 11202 R	( - )	Retainer, wick
43	AR 11117 R	( - )	Frame, commutator end
44	R 11201 R	( - )	Wick, commutator end
45	E 2302 RT	( - )	Cup, oil
46	12H 303	( - )	Washer, lock, 5/16" (2 used)
47	R 11158 R	( - )	Bolt, thru (2 used)

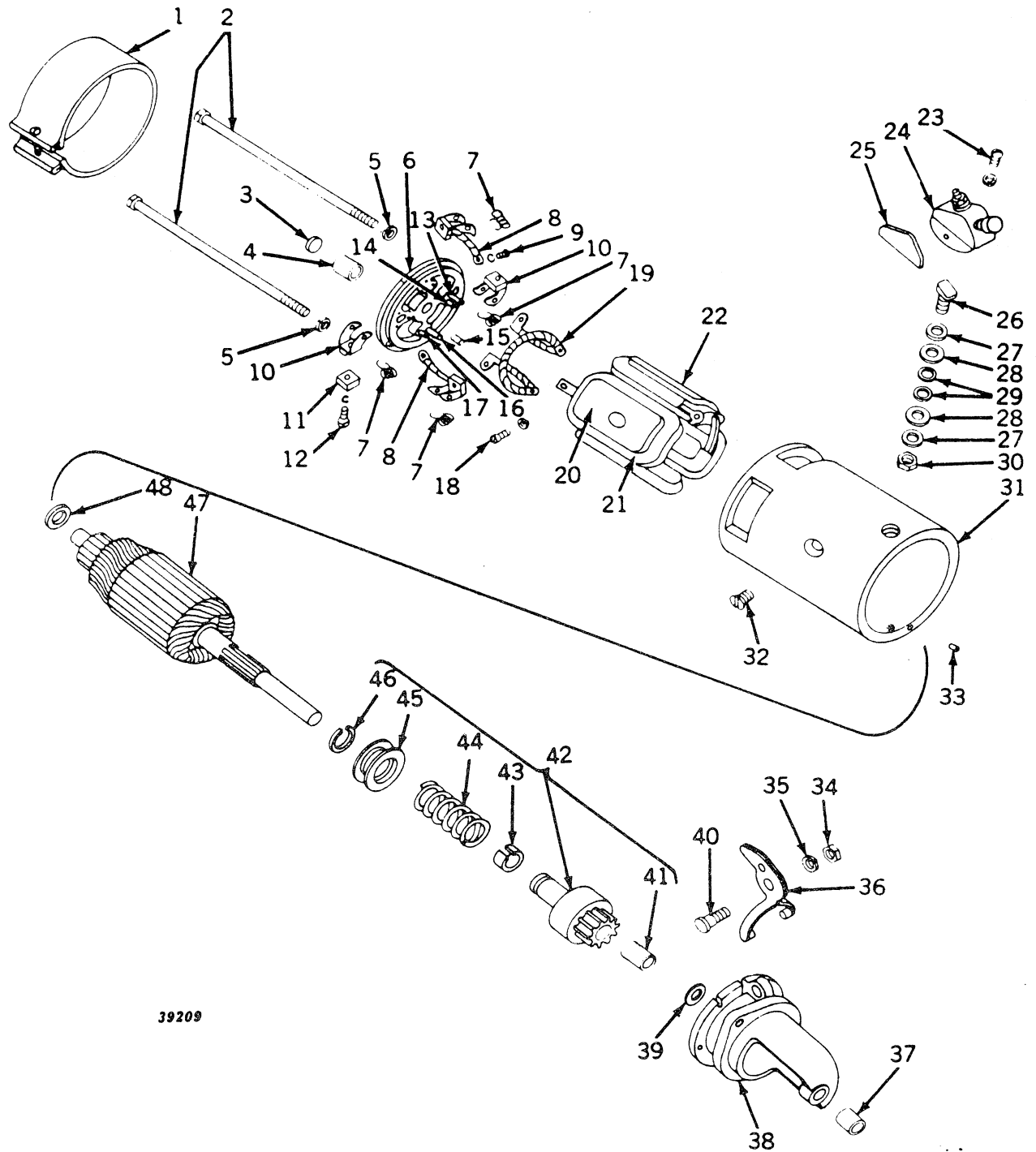
Part listed below is an assembly of parts in this grouping.

AR 21097 R ( - ) Generator (6-volt) (Delco-Remy no. 1947580) (sub. for AF2080R)

\* For regulator, fan or pulley, see original equipment generator.



STARTING MOTOR (Delco-Remy)  
(Serial No. 7017500-7031299)



39209

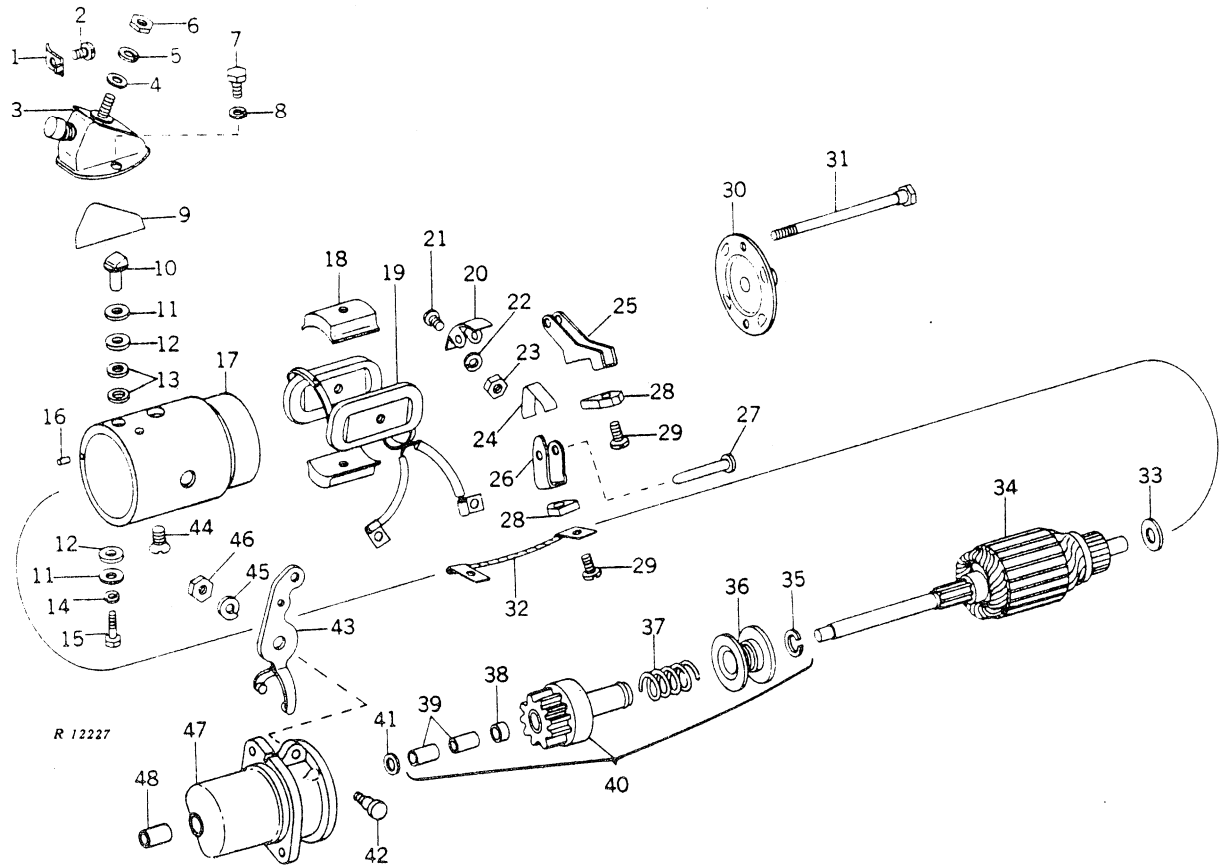
**STARTING MOTOR (Delco-Remy) -- Continued**  
(Serial No. 7017500-7031299)

Key	Part No.	Serial No.	Description
1	817114	( - )	Band, commutator cover
2	R 11281 R	( - )	Bolt, thru (2 used) (sub. for 809053)
3	.....	( - )	Plug, expansion
4	.....	( - )	Bushing, commutator end frame
5	12H 302	( - )	Washer, lock, 1/4" (2 used)
6	1907038	( - )	Frame, commutator end
7	R 11091 R	( - )	Spring, brush (4 used) (sub. for 813521)
8	AR 11064 R	( - )	Lead, ground brush (2 used) (sub. for 813554)
9	21H 969	( - )	Screw, special mach., ground lead to frame (2 used)
	12H 315	( - )	Washer, lock (2 used) (sub. for A766R)
10	R 11090 R	( - )	Holder, brush (4 used) (sub. for 810226)
11	811553	( - )	Brush (4 used) (packed 2 in a pkg.)
12	21H 964	( - )	Screw, special mach., brush attaching (4 used)
	12H 314	( - )	Washer, lock (4 used) (sub. for A765R)
13	AR 11062 R	( - )	Pin, brush holder stop and insulation assembly (2 used) (sub. for 812015)
14	R 11093 R	( - )	Pin, brush holder stop (2 used) (sub. for 817314)
15	R 11086 R	( - )	Pin, dowel (sub. for 809062)
16	AR 11063 R	( - )	Pin assembly, brush holder hinge and insulation (2 used) (sub. for 812016)
17	R 11092 R	( - )	Pin, brush holder hinge (2 used) (sub. for 817313)
18	21H 1189	( - )	Screw, mach., lead to field coil (2 used)
	12H 246	( - )	Washer, lock, no. 10 (2 used) (sub. for A767R)
19	819362	( - )	Lead, brush connector
20	810601	( - )	Shoe, pole (4 used)
21	1921608	( - )	Coil, field, L.H.
22	1921607	( - )	Coil, field, R.H.
23	21H 1189	( - )	Screw, mach., switch to frame (2 used)
	12H 246	( - )	Washer, lock no. 10 (2 used) (sub. for A767R)
24	AR 11115 R	( - )	Switch starting motor (sub. for 1928209 or AR11006R)
25	816911	( - )	Insulation, switch side (2 used) (packed 2 in a pkg.)
26	821524*	( - )	Screw, terminal
27	24H 1303	( - )	Washer, 13/32" x 11/16" x .060" (2 used)
28	R 11099 R	( - )	Washer, insulating (2 used) (sub. for 1861076) (packed 2 in a pkg.)
29	R 11107 R	( - )	Washer, insulating (2 used) (sub. for 1904669) (packed 2 in a pkg.)
30	14H 732	( - )	Nut, jam, 3/8"
31	.....	( - )	Frame, main
32	R 11087 R	( - )	Pin, dowel (sub. for 809593)
33	R 11104 R	( - )	Screw, pole shoe (4 used) (sub. for 1881869)
34	14H 732	( - )	Nut, jam, 3/8"
35	12H 304	( - )	Washer, lock, 3/8"
36	AR 40169	( - )	Lever, shift (sub. for 1930616)
37	1839345	( - )	Bushing, motor drive housing
38	1929099	( - )	Housing, motor drive
39	R 11080 R	( - )	Washer (sub. for 1838568)
40	1885817	( - )	Shaft, shift lever
41	R 11119 R	( - )	Bushing (sub. for 37535)
42	1929090	( - )	Drive
43	37522	( - )	Bushing, split
44	37517	( - )	Spring
45	1838436	( - )	Collar, motor drive
46	R 11118 R	( - )	Wire, lock, motor drive (sub. for 37521)
47	1917855	( - )	Armature
48	818265	( - )	Washer, leather brake (packed 2 in a pkg.)

Part listed below is an assembly of parts in this grouping.

AF 1986 R ( - ) Motor, starting (6-volt) (Delco-Remy no. 1107150) (sub. AR11153R)

\* Furnished by John Deere Dubuque Tractor Works.

AR11153R STARTING MOTOR (Delco-Remy)  
(Serial No. 7017500-7031299)

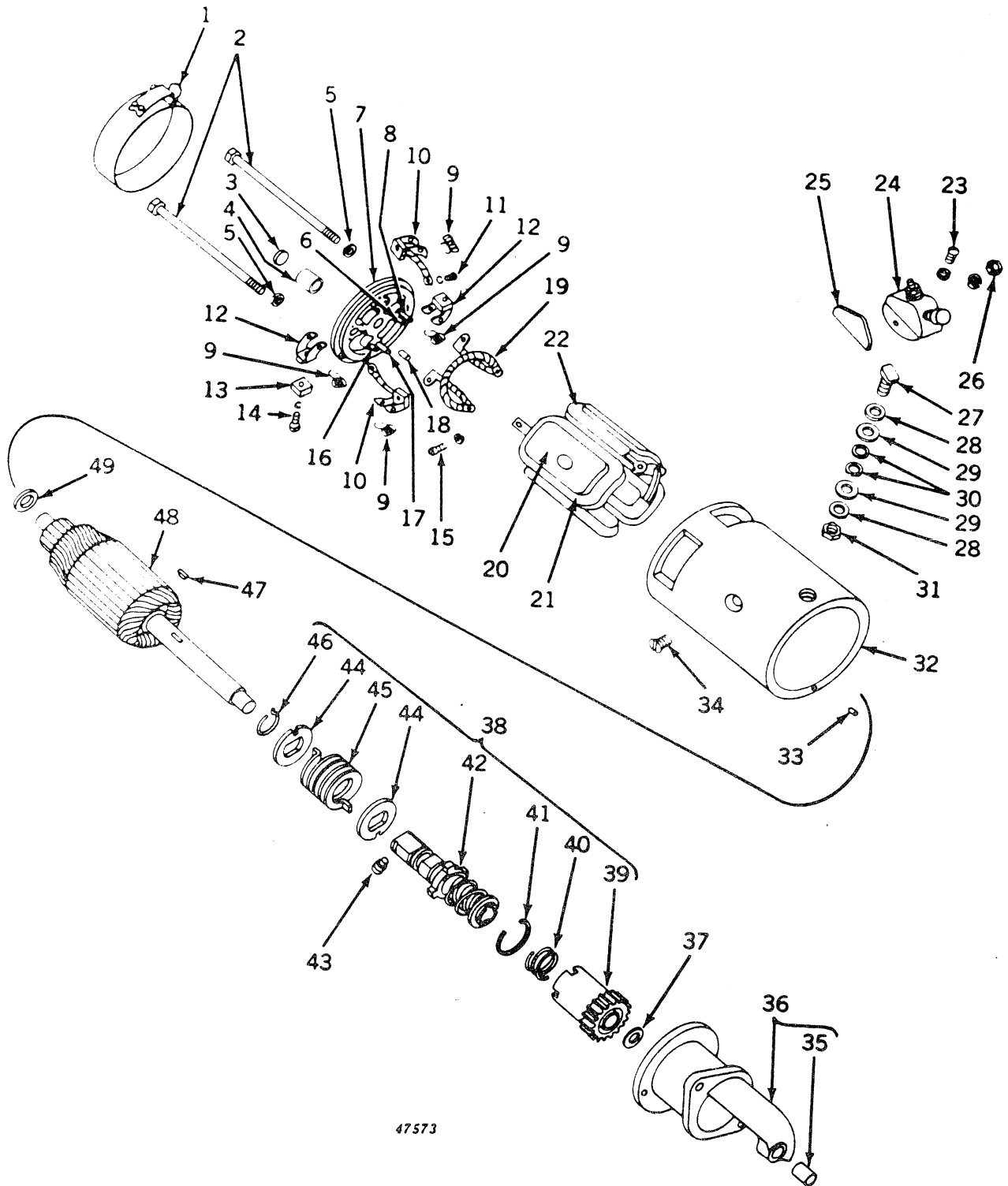
AR11153R STARTING MOTOR (Delco-Remy) -- Continued  
(Serial No. 7017500-7031299)

Key	Part No.	Serial No.	Description
1	R 11057 R	( - )	Clip
2	R 11100 R	( - )	Screw, special machine
3	R 39851	( - )	Switch, starting motor
4	24H 1303	( - )	Washer, 13/32" x 11/16" x .060"
5	12H 304	( - )	Washer, lock, 3/8"
6	14H 732	( - )	Nut, special jam, 3/8"
7	21H 1167	( - )	Screw, special machine, no. 10 x 1/4" (2 used)
8	12H 246	( - )	Washer, lock, no. 10 (2 used)
9	816911	( - )	Insulation, switch side (2 used)
10	R 39898	( - )	Stud, terminal field
11	A 3030 R	( - )	Washer, special (2 used)
12	1881368	( - )	Washer, terminal stud insulation (2 used)
13	R 11107 R	( - )	Washer, insulating terminal (2 used)
14	12H 315	( - )	Washer, lock, no. 8
15	21H 1158	( - )	Screw, special machine, no. 8 x 1/2"
16	R 11087 R	( - )	Pin, dowel, D.E.
17	.....	( - )	Frame, main (not stocked)
18	810601	( - )	Shoe, pole (4 used)
19	AR 39815	( - )	Coil, field
20	AT 516 T	( - )	Support, brush package (includes keys 21, 22, 23, 24, 27, and 28)
21	21H 1020	( - )	Screw, special machine, no. 10 x 1/2" (4 used)
22	12H 246	( - )	Washer, lock, no. 10 (4 used)
23	14H 631	( - )	Nut, no. 10 (4 used)
24	T 740 T	( - )	Spring, brush (4 used)
25	T 739 T	( - )	Holder, brush insulated (2 used)
26	T 738 T	( - )	Holder, brush ground (2 used)
27	T 736 T	( - )	Pin, brush holder support (2 used)
28	T 18712 T	( - )	Brush (4 used)
29	T 10397 T	( - )	Screw, special tapping (4 used)
30	AT 517 T	( - )	Frame, commutator end
31	T 741 T	( - )	Bolt, thru (2 used)
32	AT 514 T	( - )	Lead, brush ground (2 used)
33	818265	( - )	Washer, leather brake
34	1917855	( - )	Armature
35	R 11118 R	( - )	Wire, motor drive lock
36	1838436	( - )	Collar, motor drive
37	37517	( - )	Spring, motor drive
38	37522	( - )	Bushing, motor drive split steel
39	R 11119 R	( - )	Bushing, motor drive, oilless (2 used)
40	1929090	( - )	Drive, motor
41	R 11080 R	( - )	Washer, special, D.E.
42	1885817	( - )	Shaft, shift lever
43	AR 40169	( - )	Lever, shift
44	R 11104 R	( - )	Screw, special machine (4 used)
45	12H 304	( - )	Washer, lock, 3/8"
46	R 11195 R	( - )	Nut, special hex. jam
47	1929099	( - )	Housing, motor drive
48	1839345	( - )	Bushing, D.E.

Part listed below is an assembly of parts in this grouping.

AR 11153 R ( - ) Motor, starting (6-volt) (Delco-Remy no. 1107188) (sub. for AF1986R)

STARTING MOTOR (Delco-Remy)  
(Serial No. 7031300- )



**STARTING MOTOR (Delco-Remy) -- Continued**  
(Serial No. 7031300- )

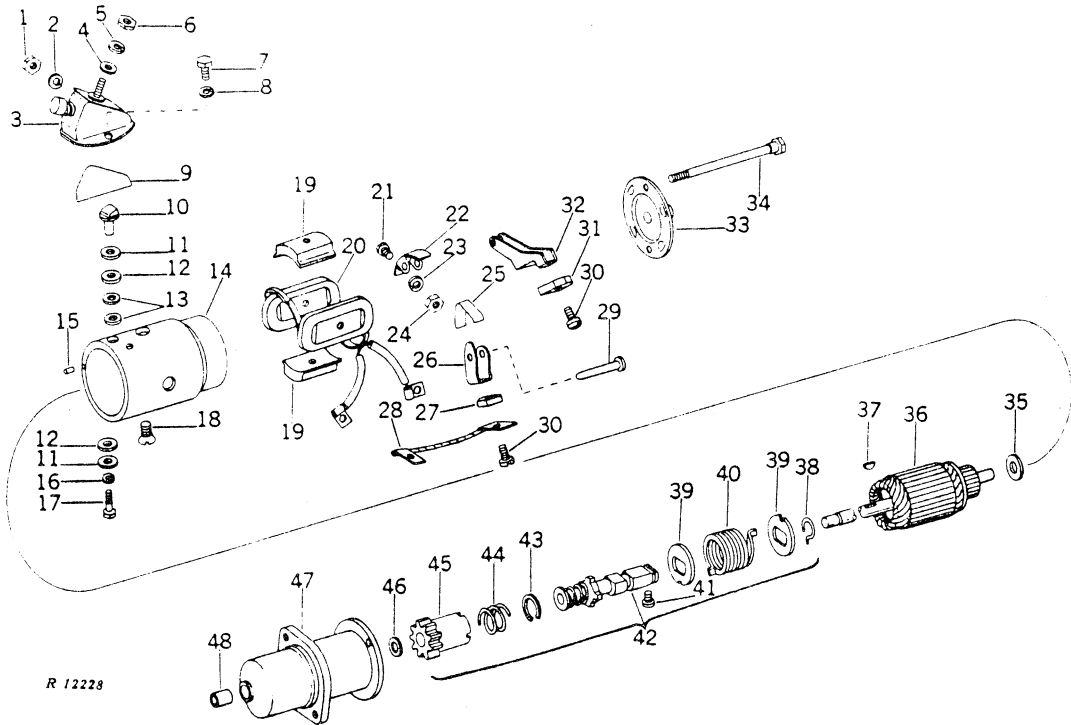
Key	Part No.	Serial No.	Description
1	817114	( - )	Band, commutator cover
2	R 11281 R	( - )	Bolt, thru (2 used) (sub. for 809053)
3	.....	( - )	Plug, expansion
4	.....	( - )	Bushing, commutator end frame
5	12H 302	( - )	Washer, lock, 1/4" (2 used)
6	R 11093 R	( - )	Pin, brush hold stop (2 used) (sub. for 817314)
7	1907038	( - )	Frame, commutator end
8	AR 11062 R	( - )	Pin assembly, brush holder stop and insulation (2 used) (sub. for 812015)
9	R 11091 R	( - )	Spring, brush (4 used) (sub. for 813521)
10	AR 11064 R	( - )	Lead, ground brush (2 used) (sub. for 813554)
11	21H 969	( - )	Screw, special mach., ground brush lead to frame (2 used)
	12H 315	( - )	Washer, lock, no. 8 (2 used) (sub. for A766R)
12	R 11090 R	( - )	Holder, brush (4 used) (sub. for 810226)
13	811553	( - )	Brush (4 used) (packed 2 in a pkg.)
14	21H 964	( - )	Screw, special mach., brush attaching (4 used)
	12H 314	( - )	Washer, lock, no. 6 (4 used) (sub. for A765R)
15	21H 1195	( - )	Screw, mach., lead to field coil (2 used)
	12H 246	( - )	Washer, lock, no. 10 (2 used) (sub. for A767R)
16	R 11092 R	( - )	Pin, brush holder hinge (2 used) (sub. for 817313)
17	AR 11063 R	( - )	Pin assembly, brush holder hinge and insulation (2 used) (sub. for 812016)
18	R 11086 R	( - )	Pin, dowel (sub. for 809062)
19	AR 11065 R	( - )	Lead, brush connector (sub. for 819362)
20	810601	( - )	Shoe, pole (4 used)
21	1921608	( - )	Coil, field, L.H.
22	1921607	( - )	Coil, field, R.H.
23	21H 995	( - )	Screw, mach., switch to frame (2 used)
	12H 246	( - )	Washer, lock, no. 10 (2 used) (sub. for A767R)
24	1932850	( - )	Switch, starting motor
25	816911	( - )	Insulation, switch side (2 used) (packed 2 in a pkg.)
26	14H 605	( - )	Nut
	12H 315	( - )	Washer, lock
27	821524*	( - )	Screw, terminal
28	24H 1303	( - )	Washer, 13/32" x 11/16" x .060" (2 used)
29	R 11099 R	( - )	Washer, insulating (2 used) (sub. for 1861076) (packed 2 in a pkg.)
30	R 11107 R	( - )	Washer, insulating (2 used) (sub. for 1904669) (packed 2 in a pkg.)
31	14H 732	( - )	Nut, jam, 3/8" (2 used)
32	.....	( - )	Frame, main
33	R 11087 R	( - )	Pin, dowel (sub. for 809593)
34	R 11104 R	( - )	Screw, pole shoe (4 used) (sub. for 1881869)
35	810620	( - )	Bushing
36	1932102	( - )	Housing, motor drive
37	R 11096 R	( - )	Washer (sub. for 833602) (packed 2 in a pkg.)
38	1932103	( - )	Drive, Bendix
39	1932442	( - )	Pinion
40	1848528	( - )	Spring, anti-drift
41	1859033	( - )	Ring, snap
42	1902342	( - )	Shaft, Bendix drive
43	1878419	( - )	Screw, special
44	1916461**	( - )	Washer, special (2 used)
45	1878421	( - )	Spring, drive
46	1878418	( - )	Ring, snap
47	26H 10	( - )	Key, Woodruff, 5/32" x 5/8"
48	1878077	( - )	Armature
49	818265	( - )	Washer, leather brake (packed 2 in a pkg.)

Part listed below is an assembly of parts in this grouping.

AF 2341 R ( - ) Motor, starting (6-volt) (Delco-Remy no. 1107157) (sub. AR11154R)

\* Furnished by John Deere Dubuque Tractor Works.

\*\* Furnished by John Deere Harvester Works.

AR11154R STARTING MOTOR (Delco-Remy)  
(Serial No. 7031300- )

AR11154R STARTING MOTOR (Delco-Remy) -- Continued  
(Serial No. 7031300- )

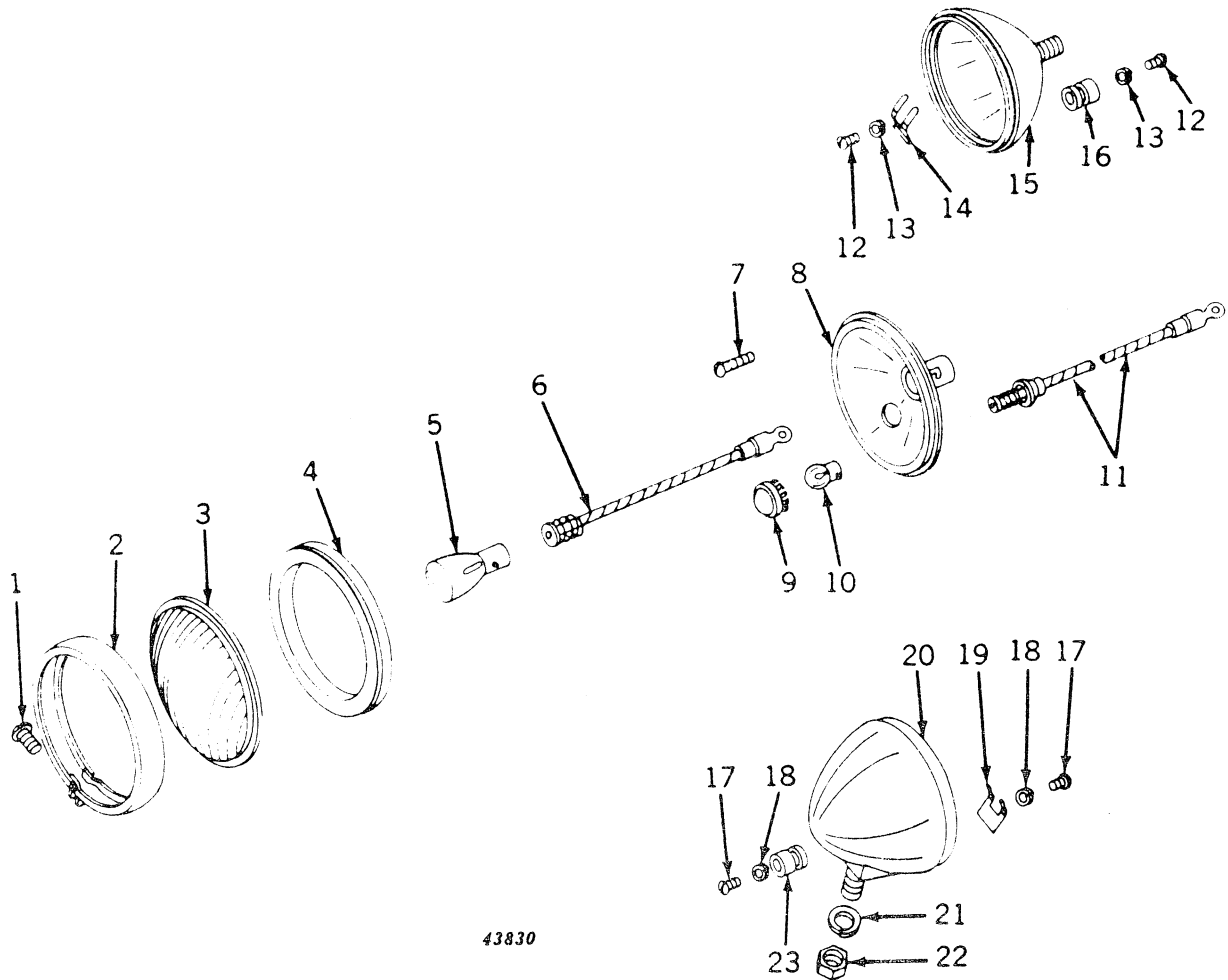
Key	Part No.	Serial No.	Description
1	14H 625	( - )	Nut, no. 8
2	12H 315	( - )	Washer, lock, no. 8
3	1932850	( - )	Switch, starting motor
4	24H 1303	( - )	Washer, 13/32" x 11/16" x .060"
5	12H 304	( - )	Washer, lock, 3/8"
6	14H 732	( - )	Nut, jam, 3/8"
7	21H 1167	( - )	Screw, special mach., no. 4 x 1/2" (2 used)
8	12H 246	( - )	Washer, lock, no. 10 (2 used)
9	816911	( - )	Insulation, switch side (2 used)
10	R 39848	( - )	Stud, terminal
11	A 3030 R	( - )	Washer, special (2 used)
12	1881868	( - )	Washer, terminal stud insulation (2 used)
13	R 11107 R	( - )	Washer, insulating terminal (2 used)
14	.....	( - )	Main frame (not stocked)
15	R 11087 R	( - )	Pin, dowel, D.E.
16	12H 315	( - )	Washer, special lock, no. 8
17	21H 1158	( - )	Screw, special mach., no. 8 x 1/2"
18	21H 1278	( - )	Screw, mach., pole shoe (4 used)
19	810601	( - )	Shoe, pole (4 used)
20	1921207	( - )	Coil, field
21	21H 1020	( - )	Screw, special mach. (4 used)
22	AT 516 T	( - )	Support, brush, package (2 used) (includes keys 21, 22, 23, 24, 28, and 29)
23	12H 246	( - )	Washer, lock, no. 10 (4 used)
24	14H 631	( - )	Nut, no. 10 (4 used)
25	T 740 T	( - )	Spring, brush (2 used)
26	T 738 T	( - )	Holder, brush ground (2 used)
27	T 18712 T	( - )	Brush (2 used)
28	AT 514 T	( - )	Lead, brush ground (2 used)
29	T 736 T	( - )	Pin, brush holder support (2 used)
30	37H 2	( - )	Screw, tapping brush attaching (4 used)
31	T 18712 T	( - )	Brush (2 used)
32	T 739 T	( - )	Holder, brush insulated (2 used)
33	AT 517 T	( - )	Frame, commutator end
34	T 741 T	( - )	Bolt, thru (2 used)
35	R 11096 R	( - )	Washer, special, C.E.
36	1878077	( - )	Armature
37	26H 73	( - )	Key, Woodruff
38	1878418	( - )	Ring, snap
39	1916461	( - )	Washer, special (2 used)
40	1878421	( - )	Spring, drive
41	1878419	( - )	Screw, special
42	1932103	( - )	Drive, Bendix
43	1859033	( - )	Snap ring
44	1848528	( - )	Spring, anti-drift
45	1932442	( - )	Pinion
46	R 11095 R	( - )	Washer, special, D.E.
47	1952102	( - )	Housing, motor drive
48	810620	( - )	Bushing

Part listed below is an assembly of parts in this grouping.

AR 11154 R ( - ) Motor, starting (6-volt) (Delco-Remy no. 1107189) (sub. for AF2341R)



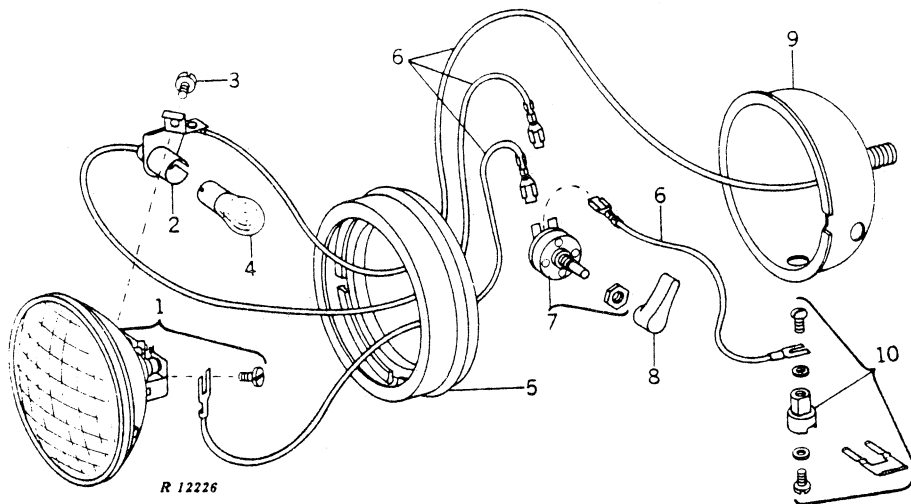
FRONT AND REAR LAMPS  
(Serial No. 7017500- )



43830

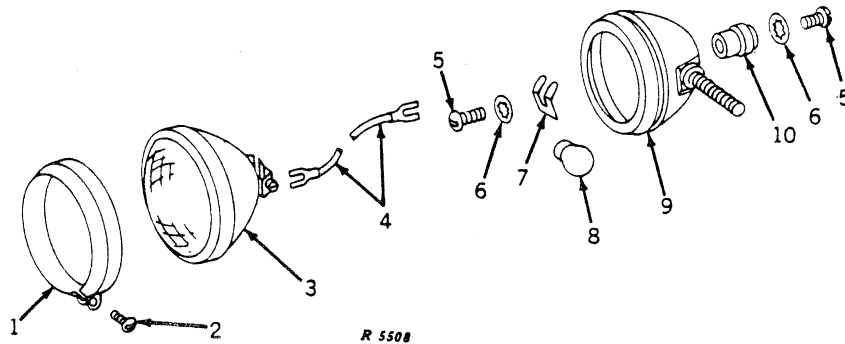
Key	Part No.	Serial No.	Front Rear		Description
1	A 2729 R	(	-	)	1 Screw (packed 2 in a pkg.)
2	AA 3241 R	(	-	)	1 Molding
3	A 2731 R	(	-	)	1 Lens
4	AA 3239 R	(	-	)	1 Gasket, lens (rubber)
5	AB 2820 R	(	-	)	1 Bulb, 6-8-volt (packed 10 in a pkg.)
6	AA 3240 R	(	-	)	1 Wiring
	AA 4666 R	(	-	)	1 Wiring, switch to large bulb
7	A 2883 R	(	-	)	1 Screw
8	AA 3238 R	(	-	)	1 Reflector
	AA 4924 R	(	-	)	1 Reflector
9	AA 4925 R	(	-	)	1 Jewel, red
10	AB 4059 R	(	-	)	1 Bulb, warning, 6-8-volt, 1 C.P. (packed 10 in a pkg.)
11	AA 4926 R	(	-	)	1 Socket and wire (warning lamp)
12	21H 972	(	-	)	4 Screw, rd. hd., no. 8 x 5/16" (4 used)
13	12H 290	(	-	)	4 Washer, lock, no. 8 (4 used) (sub. for A2734R)
14	A 2899 R	(	-	)	2 Spring, terminal plate (2 used)
15	AF 3088 R	(	-	)	1 Lamp, combination rear and warning, 6-volt (sub. for AF2082R) (sub. AR31786R)
16	AA 3495 R	(	-	)	2 Plate, terminal (bakelite) (2 used) (sub. for AB3739R)
17	21H 972	(	-	)	2 Screw, rd. hd., no. 8 x 5/16" (2 used)
18	12H 290	(	-	)	2 Washer, lock, no. 8 (2 used) (sub. for A2734R)
19	A 2899 R	(	-	)	1 Spring, terminal
20	AA 3243 R	(	-	)	1 Body, only (sub. AF3817R)
	AF 3817 R	(	-	)	1 Lamp, front, 6-volt (sub. for AA3075R)
21	12H 301	(	-	)	1 Washer, lock, 1/2"
22	14H 391	(	-	)	1 Nut, 1/2"
23	AA 3495 R	(	-	)	1 Plate, terminal (bakelite)

## AR31786R REAR AND WARNING LAMP



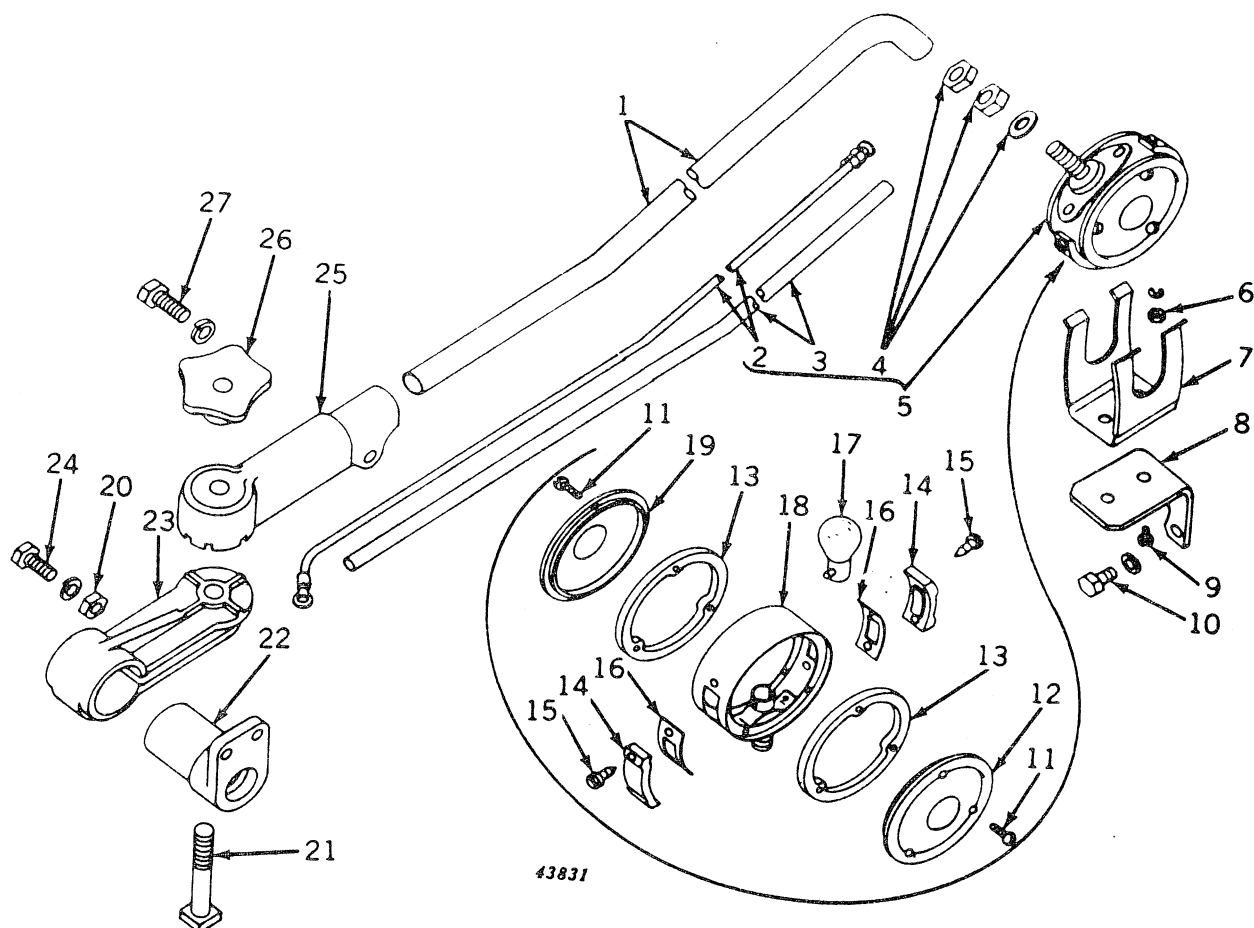
Key	Part No.	Serial No.	Description
1	AR 21737 R	( - )	Unit, sealed, with screws (12-volt)
2	.....	( - )	Not furnished
3	.....	( - )	Not furnished
4	AR 21739 R	( - )	Bulb, 15 C.P., 12-volt (packed 10 in a pkg.)
5	R 31250 R	( - )	Bezel
6	.....	( - )	Lead, 6-1/2" (4 used) (make from R32007R and two R32016R from AR30963R wire repair kit)
7	AA 4667 R	( - )	Switch
8	AA 5332 R	( - )	Knob, switch
9	.....	( - )	Not furnished (order AR31786R)
10	AA 3495 R	( - )	Plate, terminal with spring, screws, and lock washers

## AR21734R REAR LAMP PARTS



Key	Part No.	Serial No.	Description
1	AF 3891 R	( - )	Molding
2	A 2729 R	( - )	Screw, special mach. (packed 2 in a pkg.)
3	AR 21736 R	( - )	Unit, sealed beam, with screws (6-volt)
4	AA 4881 R	( - )	Lead, wiring, sealed unit to terminal plate
5	21H 972	( - )	Screw, mach., rd. hd., no. 8 x 5/16" (4 used)
6	12H 290	( - )	Washer, lock, internal tooth, no. 8 (4 used)
7	A 2899 R	( - )	Spring, terminal plate (2 used)
8	AR 21738 R	( - )	Bulb, 15 C.P., 6-volt (packed 10 in a pkg.)
9	AR 21734 R	( - )	Lamp, combination rear and warning (6-volt) (sub. AR31786R)
10	AA 3495 R	( - )	Plate, terminal, with spring, screws, and lock washers (2 used)

# IMPLEMENT WARNING LAMP (Serial No. 7017500- )



Key	Part No.	Serial No.	Description
1	AA 6132 R	( - )	Mast, warning lamp
2	AA 6219 R	( - )	Lead, wiring, warning lamp (not furnished)
3	A 5281 R	( - )	Tubing, on lead
4	14H 849	( - )	Nut, jam (2 used)
	24H 1625	( - )	Washer, 17/32" x 1" x .120"
5	AA 6134 R	( - )	Lamp, with lead, tubing, washer, and nuts (sub. for AF1772R)
6	14H 631	( - )	Nut, no. 10 (2 used)
	12H 246	( - )	Washer, lock, no. 10 (2 used) (sub. for A767R)
7	AA 6135 R	( - )	Hanger, warning lamp
8	R 21025 R	( - )	Bracket, hanger (sub. for F1555R or F3449R)
9	21H 1161	( - )	Screw, mach. (2 used)
10	19H 1900	( - )	Screw, cap, high-strength, 5/16" x 3/4" (2 used)
	12H 303	( - )	Washer, lock, 5/16" (2 used)
11	21H 964	( - )	Screw, mach., no. 6 x 1/2" (6 used)
12	A 5275 R	( - )	Lens, amber
13	A 5277 R	( - )	Gasket, lens (2 used) (packed 2 in a pkg.)
14	A 5278 R	( - )	Lens, outlook (2 used)
15	M 2207 T	( - )	Screw, self tapping (4 used)
16	A 5279 R	( - )	Gasket, outlook lens (packed 2 in a pkg.)
17	AA 6165 R	( - )	Bulb, 21 C.P., 6-8-volt, S.C. (packed 10 in a pkg.)
18	.....	( - )	Not furnished (order AA6134R)
19	A 5276 R	( - )	Lens, red
20	14H 785	( - )	Nut, 5/16" (2 used)
	12H 303	( - )	Washer, lock, 5/16" (2 used)
21	8H 610	( - )	Bolt, sq. hd. mach., 1/2" x 3-3/4"
22	A 5228 R	( - )	Pivot
23	A 5227 R	( - )	Clamp
24	A 4125 R	( - )	Screw, mach., 5/16" x 1" (2 used)
25	A 5226 R	( - )	Bracket

# IMPLEMENT WARNING LAMP -- Continued (Serial No. 7017500- )

Key	Part No.	Serial No.	Description
26	D 1748 R	( - )	Wheel, hand
27	19H 1800	( - )	Screw, cap, high-strength, 3/8" x 1-1/2"
	12H 304	( - )	Washer, lock, 3/8"

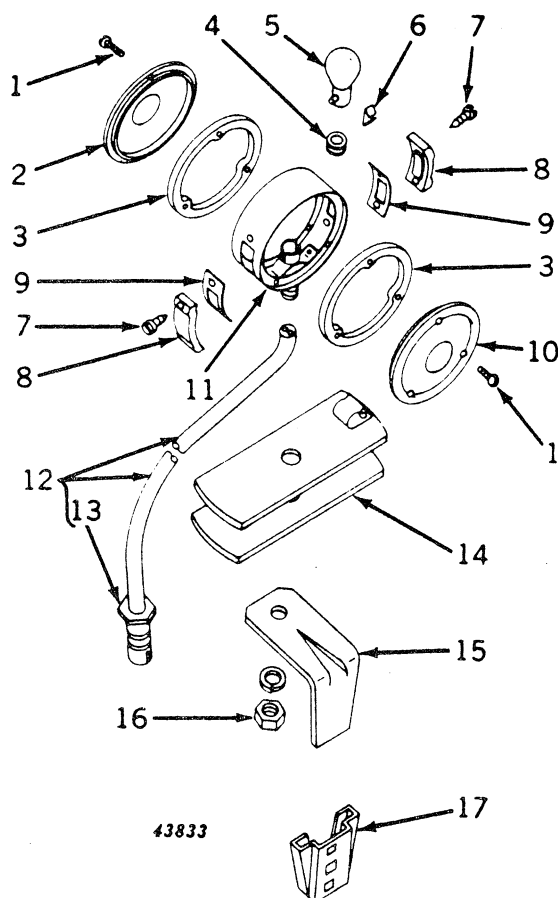
Parts listed below are an assembly of parts in this grouping.

AA 6132 R	( - )	MAST, TRACTOR WARNING LAMP
AR 21155 R*	( - )	LAMP, WARNING, AND MISC. PARTS (SUB. FOR AF1771R)

\*On 7017500-7031299 also furnish one F2209R.

Capital letters indicate an attachment. Attachments must be listed on separate order from replacement parts order.

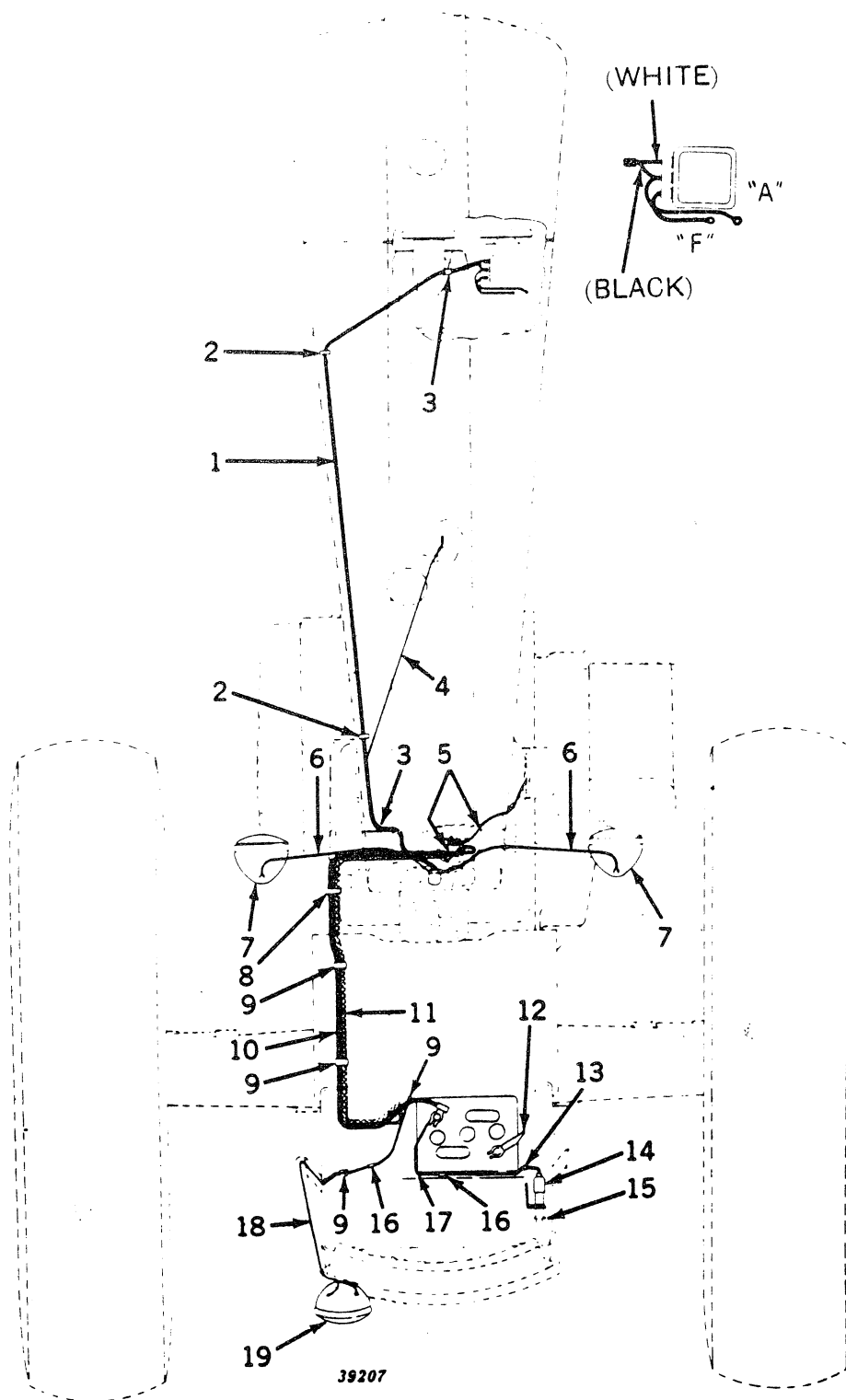
## WARNING LAMP FOR TOWED IMPLEMENT (Serial No. 7017500- )



Key	Part No.	Serial No.	Description
1	21H 964	( - )	Screw, special mach. (6 used)
2	A 5276 R	( - )	Lens, red
3	A 5277 R	( - )	Gasket, lens (2 used) (packed 2 in a pkg.)
4	R 2579 R	( - )	Grommet (packed 2 in a pkg.) (sub. for B1580R)
5	AA 6165 R	( - )	Bulb, 21 C.P., 6-8-volt, S.C. (packed 10 in a pkg.)
6	A 5280 R	( - )	Clip (no longer available)
7	M 2207 T	( - )	Screws, self tapping (4 used)
8	A 5278 R	( - )	Lens, outlook (2 used)
9	A 5279 R	( - )	Gasket, outlook lens (2 used) (packed 2 in a pkg.)
10	A 5275 R	( - )	Lens, amber
11	.....	( - )	Not furnished (order AA6145R)
12	AA 5691 R	( - )	Plug, electrical outlet, with cable
13	AA 5692 R	( - )	Plug, electrical outlet, less cable
14	AA 6217 R	( - )	Reel
15	A 5273 R	( - )	Bracket
16	14H 813	( - )	Nut, 7/16"
	12H 293	( - )	Washer, lock, 7/16"
17	JD 126	( - )	Socket, lamp bracket

Part listed below is an assembly of parts in this grouping.

AA 6145 R	( - )	Lamp, warning, with cable and reel, for towed implements
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LAMPS AND WIRING (Except Standard)  
(Serial No. 7017500- )

39207

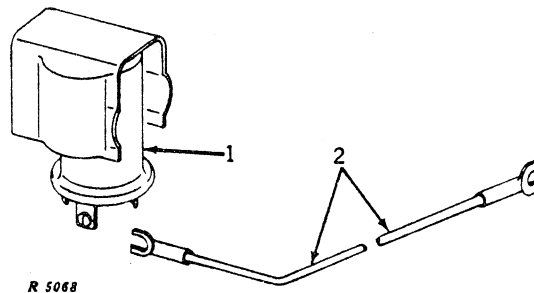
**LAMPS AND WIRING (Except Standard) -- Continued**  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AF 2174 R	( - )	Harness, wiring, generator and fuel gauge
2	F 2084 R	( - )	Clip (2 used)
3	B 1986 R	( - )	Clip (2 used)
4	.....	( - )	Wire, fuel gauge sender to fuel gauge receiver (black with white tracer) (sub. AF2174R)
5	AF 2142 R	( - )	Harness, wiring, switch to starting motor to SE distributor (green)
6	AF 2639 R	( - )	Harness, wiring, switch to R.H. and L.H. lamp (black) (sub. for AF2169R)
7	AF 3817 R	( - )	Lamp, R.H. and L.H. (6-volt) (2 used) (sub. for AA3075R)
	12H 301	( - )	Washer, lock, 1/2" (2 used)
	14H 391	( - )	Nut, 1/2" (2 used)
8	B 2474 R	( - )	Clip
9	B 2571 R	( - )	Clip (4 used)
10	AB 3546 R	( - )	Cable, battery to starting motor
11	AF 2124 R	( - )	Harness, wiring, switch to rear lamp (sub. AF3814R and AF3815R)
12	AB 4100 R	( - )	Strap, battery ground
	19H 1936	( - )	Screw, cap, high-strength, 3/8" x 3/4" (sub. for F2272R)
	12H 304	( - )	Washer, lock, 3/8"
	14H 841	( - )	Nut, sq., 3/8"
13	R 2579 R	( - )	Grommet (packed 2 in a pkg.) (sub. for B1580R)
14	AM 2049 T	( - )	Socket, electrical outlet
	21H 1017	( - )	Screw, mach., no. 10 (2 used)
	12H 295	( - )	Washer (2 used) (sub. for A3010R)
	14H 778	( - )	Nut, no. 10 (2 used)
15	AA 5691 R	( - )	Plug, electrical outlet, with cable
	AA 5692 R	( - )	Plug, electrical outlet, less cable
16	AL 2976 T	( - )	Connector, two wire (3 used)
17	.....	( - )	Lead, 12", wiring, electrical outlet socket (make from R32008R, R32022R, and R32026R from AR30963R wiring repair kit) (sub. for AA5673R)
18	AA 5652 R	( - )	Harness, wiring, rear warning lamp (red) and rear lamp (black)
19	AR 31786 R	( - )	Lamp, rear and warning (6-volt) (sub. for AF2082R, AF3088R, or AR21734R)
	B 2295 R	( - )	Washer, outside
	B 2477 R	( - )	Washer, inside (packed 2 in a pkg.)
	12H 301	( - )	Washer, lock, 1/2"
	14H 473	( - )	Nut, jam, 1/2"

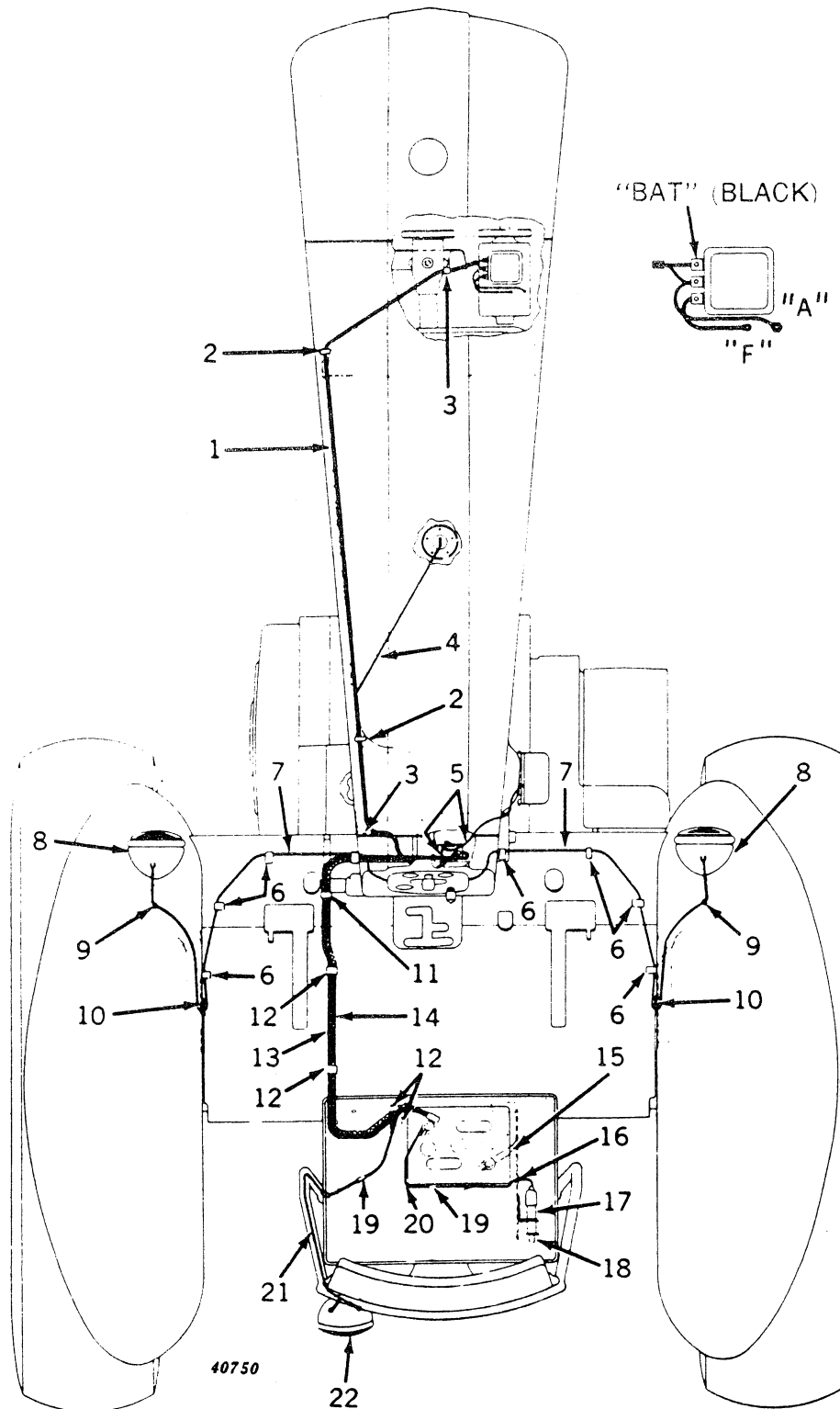
Part listed below is not illustrated.

AF 2271 R	( - )	Wiring replacement set consisting of: one AA5673R, one AF2123R, one AF2142R, one AF2639R, AF2172R, one AF2174R, AF3814R, and AF3815R)
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**WARNING LAMP FLASHER**



Key	Part No.	Serial No.	Description
1	AR 21855 R	( - )	Flasher, warning lamp, with lead (6-volt)
2	AA 6037 R	( - )	Lead, wiring, 11" (make from R32008R and two R32016R from AR30963R wiring repair kit) (sub. for AA6037R)

LAMPS AND WIRING (Standard)  
(Serial No. 7017500- )

LAMPS AND WIRING (Standard) -- Continued  
(Serial No. 7017500- )

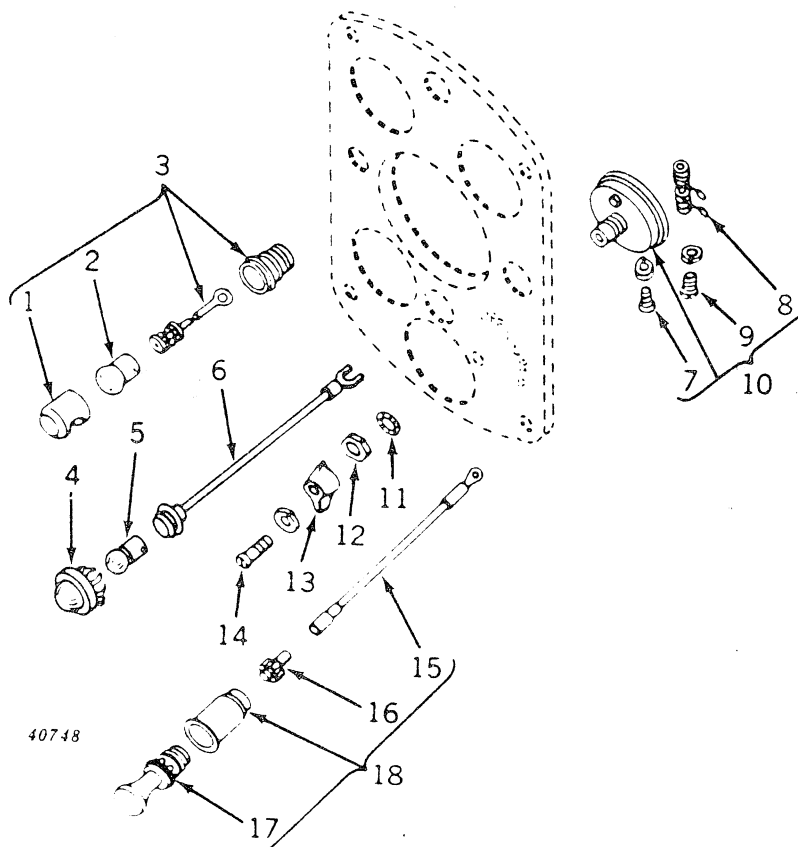
Key	Part No.	Serial No.	Description
1	AF 2174 R	( - )	Harness, wiring, generator and fuel gauge
2	F 2084 R	( - )	Clip (2 used)
3	B 1986 R	( - )	Clip (2 used)
4	.....	( - )	Wire, fuel gauge sender to fuel gauge receiver (black with white tracer) (sub. AF2174R)
5	AF 2142 R	( - )	Harness, wiring, switch to starting motor to SE distributor (green)
6	B 2560 R	( - )	Clip (8 used)
7	AF 2676 R	( - )	Harness, wiring, switch to R.H. and L.H. lamp (black) (sub. for AF1835R)
8	AF 3817 R	( - )	Lamp, R.H. and L.H. (6-volt) (sub. for AA3075R)
	A 2743 R	( - )	Washer (2 used)
	24H 1355	( - )	Washer, 37/64" x 1-1/8" x .120" (2 used)
	12H 301	( - )	Washer, lock, 1/2" (2 used)
	14H 391	( - )	Nut, 1/2" (2 used)
9	R 2579 R	( - )	Grommet (2 used) (packed 2 in a pkg.) (sub. for B1580R)
10	A 3411 R	( - )	Grommet (2 used) (packed 2 in a pkg.)
11	B 2474 R	( - )	Clip
12	B 2571 R	( - )	Clip (4 used)
13	AB 3546 R	( - )	Cable, battery to starting motor
14	AF 2124 R	( - )	Harness, wiring, switch to rear lamp (sub. AF3814R and AF3815R)
15	AB 4100 R	( - )	Strap, battery ground
	19H 1936	( - )	Screw, cap, high-strength, 3/8" x 3/4" (sub. for F2272R)
	12H 304	( - )	Washer, lock, 3/8"
	14H 841	( - )	Nut, sq., 3/8"
16	R 2579 R	( - )	Grommet (packed 2 in a pkg.) (sub. for B1580R)
17	AM 2049 T	( - )	Socket, electrical outlet
	12H 1017	( - )	Screw, mach., no. 10 x 3/8" (2 used)
	12H 295	( - )	Washer, lock, no. 10 (2 used) (sub. for A3010R)
	14H 778	( - )	Nut, hex. (2 used)
18	AA 5691 R	( - )	Plug, electrical outlet, with cable
	AA 5692 R	( - )	Plug, electrical outlet, less cable
19	AL 2976 T	( - )	Connector, two wire (3 used)
20	AA 5673 R	( - )	Lead, wiring, electrical outlet socket
21	AA 5652 R	( - )	Harness, wiring, rear warning lamp (red) and rear lamp (black)
22	AR 31786 R	( - )	Lamp rear and warning (6-volt) (sub. for AF2082R, AF3088R or AR21734R)
	B 2295 R	( - )	Washer, outside
	B 2477 R	( - )	Washer, inside (packed 2 in a pkg.)
	12H 301	( - )	Washer, lock, 1/2"
	14H 473	( - )	Nut, jam, 1/2"

Part listed below is not illustrated.

AF 2272 R	( - )	Wiring replacement set, consisting of: one AA5673R, one AF2676R, one AF2123R, one AF3814R, one AF3815R, one AF2142R, one AF2172R, and one AF2174R)
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**DASH LAMP, SWITCH, LIGHT INDICATOR, AND CIGARETTE LIGHTER**  
(Serial No. 7017500- )



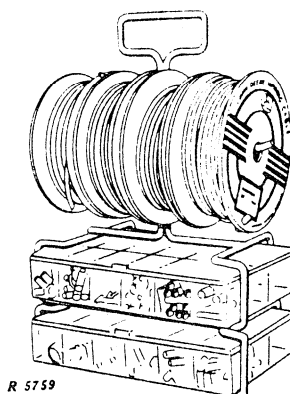
Key	Part No.	Serial No.	Description
1	A 3032 R	( - )	Hood, dash lamp
2	AB 2582 R	( - )	Bulb (3 C.P., 6-8-volt)
3	AD 2834 R	( - )	Lamp, dash (sub. AR20447R)
4	AA 4925 R	( - )	Jewel
5	AB 4059 R	( - )	Bulb (1 C.P., 6-8-volt) (packed 10 in a pkg.)
6	AA 4926 R	( - )	Socket and wire
7	R 11100 R	( - )	Screw, mach. (3 used) (sub. for 1864099)
	1886496	( - )	Screw, mach. (2 used)
	12H 290	( - )	Washer, no. 8 (5 used) (sub. for A2734R)
8	1929666	( - )	Resistor
9	1886496	( - )	Screw, mach. (2 used)
	12H 315	( - )	Washer, lock, no. 8 (2 used) (sub. for A766R)
10	AF 2460 R	( - )	Switch, combination ignition and light, less lever (6-volt) (sub. for AF2065R)
11	138549*	( - )	Washer, lock, 1/2"
12	1902692*	( - )	Nut, 1/2", switch to panel
13	1902694*	( - )	Lever, switch
14	21H 973	( - )	Screw, mach.
	12H 315	( - )	Washer, lock, no. 8 (sub. for A766R)
15	AR 21164 R	( - )	Wire assembly, cigarette lighter (sub. for AM2152T)
16	AM 2151 T	( - )	Fuse, cigarette lighter
17	AM 2091 T	( - )	Element, cigarette lighter
18	AM 1949 T	( - )	Lighter, cigarette (6-volt)

\* Furnished by John Deere Dubuque Tractor Works.

40749

Key	Part No.	Serial No.	Description
1	AR 20447 R	( - )	Lamp, dash (sub. for AD2834R)
2	.....	( - )	Wire, fuel gauge receiver to fuel gauge sender (black with white tracer) (sub. AF2174R)
3	.....	( - )	Wire, ammeter to generator (white) (not sold separately) (part of AF2174R)
4	.....	( - )	Wire, fuel gauge switch to generator (black) (sub. AF2174R)
5	AF 2174 R	( - )	Harness, wiring, generator and fuel gauge
6	AF 2171 R	( - )	Switch, fuel gauge
7	.....	( - )	Wire, ammeter to fuel gauge (black) (sub. AF2174R)
8	.....	( - )	Wire, ammeter to ignition switch (black) (sub. AF2174R)
9	AF 2749 R	( - )	Ammeter (sub. for AB2568R)
10	.....	( - )	Lead, 12" wiring, ammeter to starting motor (white) (make from R32008R, R32017R, and R32022R from AR30963R wiring repair kit) (sub. for AF2123R)
11	.....	( - )	Lead, 5", wiring, fuel gauge switch to fuel gauge receiver (black) (make from R32007R, R32016R, and R32018R from AR30963R wiring repair kit) (sub. for AF2172R)
12	AF 2739 R	( - )	Receiver, fuel gauge (6-volt) (sub. for AF2170R)
13	AF 2639 R	( - )	Harness, wiring, switch to R.H. and L.H. lamp (black) (except standard) (sub. for AF2169R)
	AF 2676 R	( - )	Harness, wiring, switch to R.H. and L.H. lamp (black) (standard) (sub. for AF1835R)
14	.....	( - )	Light, indicator (order one AA4925R, one AA4926R, and one AB4059R)
15	.....	( - )	Wire, switch to rear lamp (black) (sub. AF2124R)
16	AF 2124 R	( - )	Harness, wiring, rear lamp (sub. one AF3814R and one AF3815R)
17	.....	( - )	Wire, switch to rear warning lamp (red) (sub. AF2124R)
18	AF 2142 R	( - )	Harness, wiring, switch to starting motor to SE distributor (green)
19	AF 2460 R	( - )	Switch, combination, ignition and light (sub. for AF2065R)
20	AF 2143 R	( - )	Resistor, ignition
21	AM 1949 T	( - )	Lighter, cigarette (6-volt)

## AR30963R SPARK PLUG CABLE AND LEAD WIRE KIT



Part No.	Serial No.	Description
A 3539 R	( - )	Nipple, distributor (10 in a pkg.)
R 26861 R	( - )	Boot, spark plug (10 in a pkg.)
R 32006 R	( - )	Cable, spark plug, 7 mm, 50 ft. (1 spool)
R 32007 R	( - )	Cable, primary, 14-ga., 100 ft. (1 spool)
R 32008 R	( - )	Cable, primary, 12-ga., 100 ft. (1 spool)
R 32009 R	( - )	Cable, primary, 10-ga., 50 ft. (1 spool)
R 32011 R	( - )	Tool, wiring
R 32012 R	( - )	Terminal, ignition, distributor end (50 in a pkg.)
R 32013 R	( - )	Terminal, ignition, straight (50 in a pkg.)
R 32014 R	( - )	Terminal, ignition, 90° (50 in a pkg.)
R 32016 R	( - )	Terminal, primary, 14-16-ga., no. 10 spade (50 in a pkg.)
R 32017 R	( - )	Terminal, primary, 10-12-ga., no. 10 spade (25 in a pkg.)
R 32018 R	( - )	Terminal, primary, 14-16-ga., no. 10 eyelet (50 in a pkg.)
R 32019 R	( - )	Terminal, primary, 10-12-ga., no. 10 eyelet (25 in a pkg.)
R 32021 R	( - )	Terminal, primary, 10-12-ga., 1/4" eyelet (25 in a pkg.)
R 32022 R	( - )	Terminal, primary, 10-12-ga., 3/8" eyelet (20 in a pkg.)
R 32023 R	( - )	Terminal, primary, 10-12-ga., 1/2" eyelet (20 in a pkg.)
R 32024 R	( - )	Terminal, female blade, with lead (10 in a pkg.)
R 32025 R	( - )	Terminal, male blade, with lead (10 in a pkg.)
R 32026 R	( - )	Terminal, male bullet (50 in a pkg.)
R 32027 R	( - )	Terminal, splice, 14-16-ga. wire (50 in a pkg.)
R 32028 R	( - )	Terminal, splice, 10-12-ga. wire (25 in a pkg.)
R 32029 R	( - )	Terminal, 2-wire bullet connector (10 in a pkg.)
R 32196 R	( - )	Cable, spark plug, 7 mm., 100 ft. (1 spool)

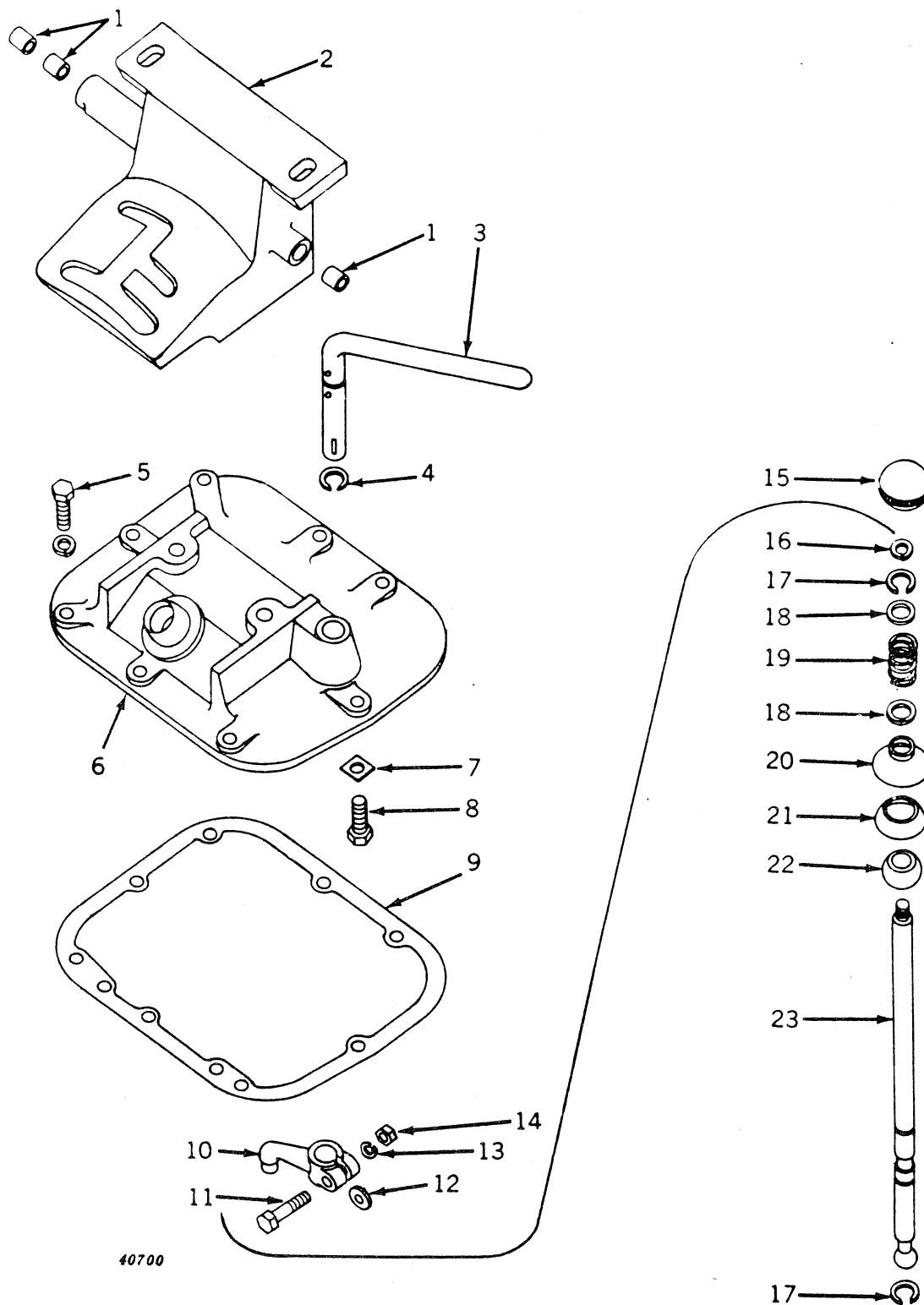
Part listed below is an assembly of parts in this grouping.

AR 30963 R ( - ) Kit, spark plug cable and lead wire

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MEMORANDA

# TRANSMISSION CASE COVER AND GEAR SHIFT (Serial No. 7017500- )

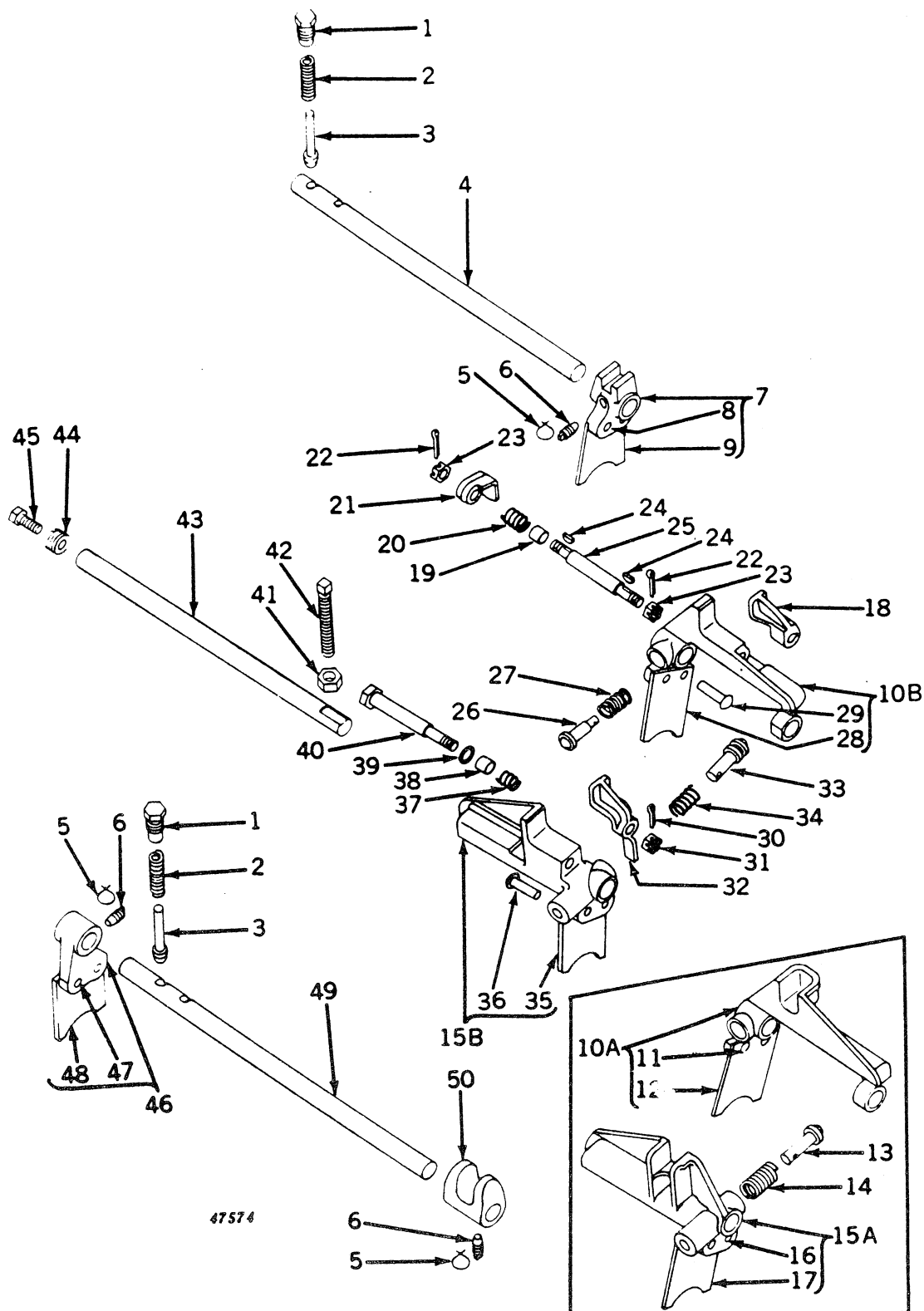


TRANSMISSION CASE COVER AND GEAR SHIFT -- Continued  
(Serial No. 7017500- ) \*

Key	Part No.	Serial No.	Description
1	F 2030 R	( - )	Bushing (3 used)
2	AF 2267 R	( -7037799 )	Quadrant, F2029R, F2201R, F2330R, or F2331R, gear shift, with bushings (sub. AF2422R)
	AF 2422 R	(7037800- )	Quadrant, F2415R, F2416R, or F2417R, gear shift, with bushings
3	F 576 R	( - )	Handle, underdrive shifter
4	A 369 R	( - )	Ring, snap (packed 5 in a pkg.)
5	F 2273 R	( - )	Screw, cap, 3/8" x 1-1/4" (8 used)
	12H 304	( - )	Washer, lock, 3/8" (8 used)
6	F 2027 R	( - )	Cover, transmission case
7	A 4605 R	( - )	Plate, lock (2 used) (packed 2 in a pkg.)
8	19H 1166	( - )	Screw, cap, high-strength, 7/16" x 1-1/2" (2 used)
9	F 2028 R	( - )	Gasket (packed 2 in a pkg.)
10	A 115 R	( - )	Lever, underdrive shifter
11	19H 1765	( - )	Screw, cap, 3/8" x 1-3/4"
12	A 147 R	( - )	Washer, key
13	12H 304	( - )	Washer, lock, 3/8"
14	14H 841	( - )	Nut, 3/8"
15	AP 17808 H	( - )	Ball, gear shift lever (sub. for R283R)
16	12H 304	( - )	Washer, lock, 3/8"
17	B 387 R	( - )	Ring, snap (2 used) (packed 5 in a pkg.)
18	24H 1658	( - )	Washer, 21/32" x 1" x .060" (2 used)
19	D 377 R	( - )	Spring
20	F 290 R	( - )	Cover, fulcrum ball socket
21	F 289 R	( - )	Seal, fulcrum ball socket
22	F 288 R	( - )	Ball, fulcrum
23	F 1206 R	( - )	Lever, gear shift

# GEAR SHIFT FORKS AND SHIFTER SHAFTS

(Serial No. 7017500- )



GEAR SHIFT FORKS AND SHIFTER SHAFTS -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	F 625 R	( - )	Retainer, pawl (2 used)
2	A 597 R	( - )	Spring (2 used)
3	A 598 R	( - )	Pawl (2 used)
4	F 575 R	( - )	Shaft, underdrive shifter
5	.....	( - )	Wire, 16 gauge x 5" long (3 used)
6	B 1914 R	( - )	Screw, set (3 used)
7	AF 639 R	( - )	Shifter, F574R, underdrive, with yoke and rivets
8	16H 1342	( - )	Rivet, 3/8" x 1-1/4" (2 used)
9	F 281 R	( - )	Yoke (sub. AF639R)
10A	AF 634 R	( -7037799 )	Shifter, F623R, first, second, and reverse gear, with yoke and rivets
10B	AF 2420 R*	(7037800- )	Shifter, F2400R, first, second, and reverse gear, with yoke and rivets
11	16H 1357	( -7037799 )	Rivet, 3/8" x 1-1/2" (2 used)
12	F 275 R	( -7037799 )	Yoke, first, second, and reverse gear, shifter (sub. AF634R)
13	F 3362 R	( -7037799 )	Pawl, gear shifter (2 used) (sub. for B375R)
14	B 374 R	( -7037799 )	Spring, gear shifter pawl (2 used)
15A	AF 635 R	( -7037799 )	Shifter, F264R, third and fourth speed, with yoke and rivets
15B	AF 2421 R*	(7037800- )	Shifter, F2401R, third and fourth speed, with yoke and rivets
16	16H 1370	( -7037799 )	Rivet, 3/8" x 1-3/4" (2 used)
17	F 275 R	( -7037799 )	Yoke, third and fourth speed, shifter (sub. AF635R)
18	F 2406 R*	(7037800- )	Arm, shifter
19	F 2407 R*	(7037800- )	Spacer
20	F 2408 R	(7037800- )	Spring, lock shaft
21	F 2402 R*	(7037800- )	Lock, shifter
22	11H 234	(7037800-7038587 )	Pin, cotter, 3/32" x 1" (2 used)
	A 4605 R*	(7038588- )	Plate, lock (2 used) (packed 2 in a pkg.)
23	B 163 R*	(7037800- )	Nut, special (2 used) (packed 5 in a pkg.)
24	26H 8	(7037800-7038587 )	Key, Woodruff, 3/32" x 5/8" (2 used)
	26H 3*	(7038588- )	Key, Woodruff, 3/32" x 3/8" (2 used)
25	F 2404 R*	(7037800- )	Shaft, shifter lock (on 7037800-7038587 also furnish two A4605R lock plates and two 26H3 Woodruff keys)
	24H 1359*	(7038588- )	Washer, 5/8" x 7/8" x .060"
26	F 2409 R*	(7037800- )	Pawl, gear shifter
27	F 2411 R*	(7037800- )	Spring, shifter pawl
28	F 275 R*	(7037800- )	Yoke (sub. AF2420R)
29	16H 1357*	(7037800- )	Rivet, 3/8" x 1-1/2" (2 used)
30	11H 334	(7037800-7038587 )	Pin, cotter, 3/32" x 1"
	A 4605 R*	(7038588- )	Plate, lock (packed 2 in a pkg.)
31	B 163 R*	(7037800- )	Nut, special (packed 5 in a pkg.)
32	F 2403 R*	(7037800- )	Lock, shifter
33	F 2410 R*	(7037800- )	Pawl, gear shifter
34	F 2411 R*	(7037800- )	Spring, shifter pawl
35	F 275 R*	(7037800- )	Yoke (sub. AF2421R)
36	16H 1357*	(7037800- )	Rivet, 3/8" x 1-1/2" (2 used)
37	F 2408 R*	(7037800- )	Spring, lock shaft
	24H 1359*	(7038588- )	Washer, 5/8" x 7/8" x .060" (3 used)
38	F 2407 R*	(7037800- )	Spacer
39	24H 1359*	(7037800- )	Washer, 5/8" x 7/8" x .060" (2 used)
40	F 2405 R*	(7037800- )	Shaft, shifter lock (on 7037800-7038587 also furnish one A4605R lock plate)
41	14H 473	( - )	Nut, 1/2"
42	22H 194	( - )	Screw, set (sub. for C530R)
43	F 1445 R	( -7037799 )	Shaft, gear shifter
	F 2412 R*	(7037800- )	Shaft, gear shifter
44	D 678 R	( - )	Screw, shifter shaft adjusting
45	F 2273 R	( - )	Screw, cap, 3/8" x 1-1/4"
	12H 304	( - )	Washer, lock, 3/8"
46	AF 640 R	( - )	Shifter, F568R, fifth and sixth speed, with yoke and rivets
47	16H 1342	( - )	Rivet, 3/8" x 1-1/4" (2 used)
48	F 275 R	( - )	Yoke, fifth and sixth speed shifter (sub. AF640R)
49	F 569 R	( - )	Shaft, fifth and sixth speed shifter
50	F 626 R	( - )	Arm, fifth and sixth speed shifter

Part listed below is an assembly of some of the parts in this grouping.

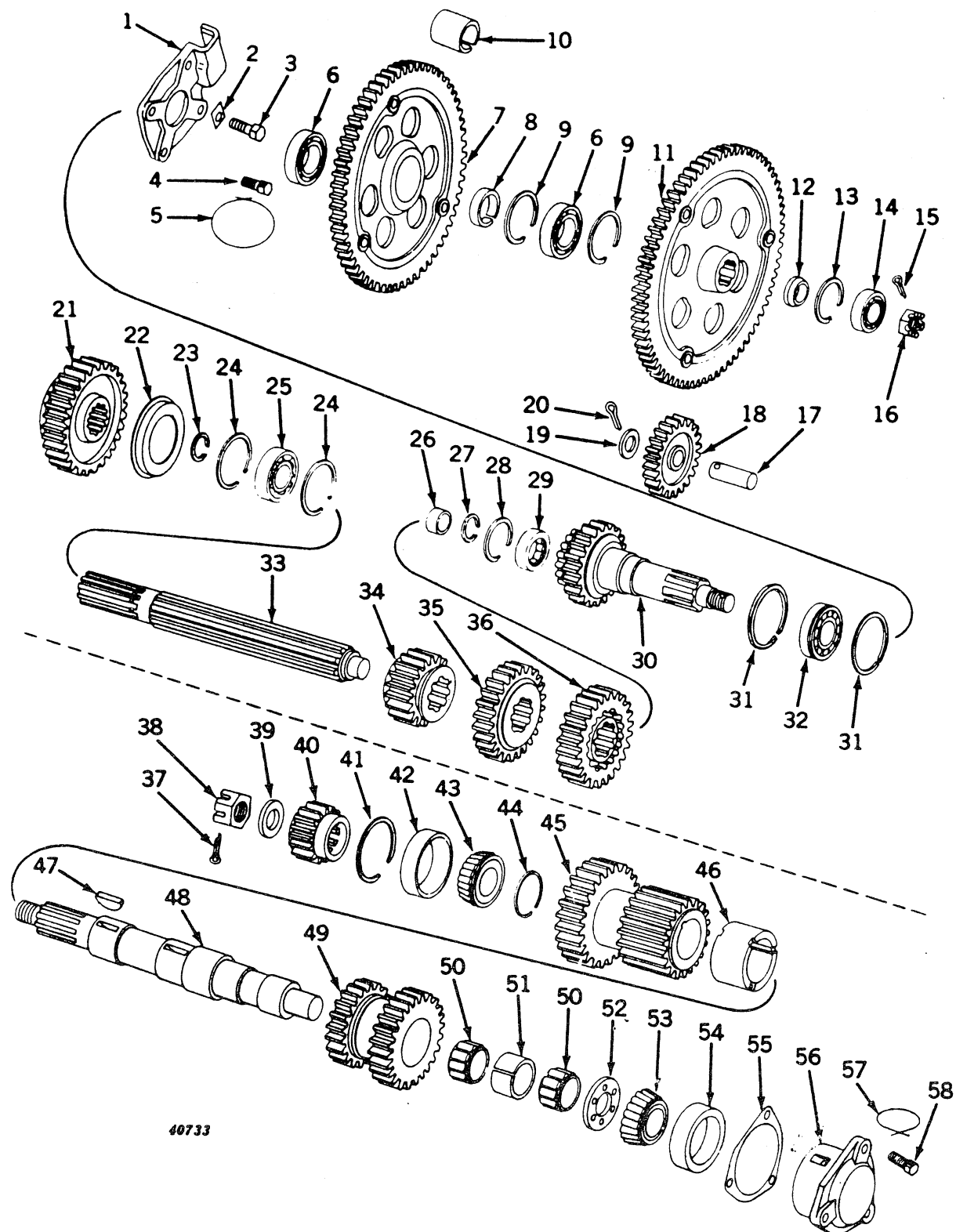
AF 2417 R ( -7037799 ) Shifters, gear, with locking mechanism. Consists of parts marked with (\*).

\* See AF2417R



# TRANSMISSION

(Serial No. 7017500- )



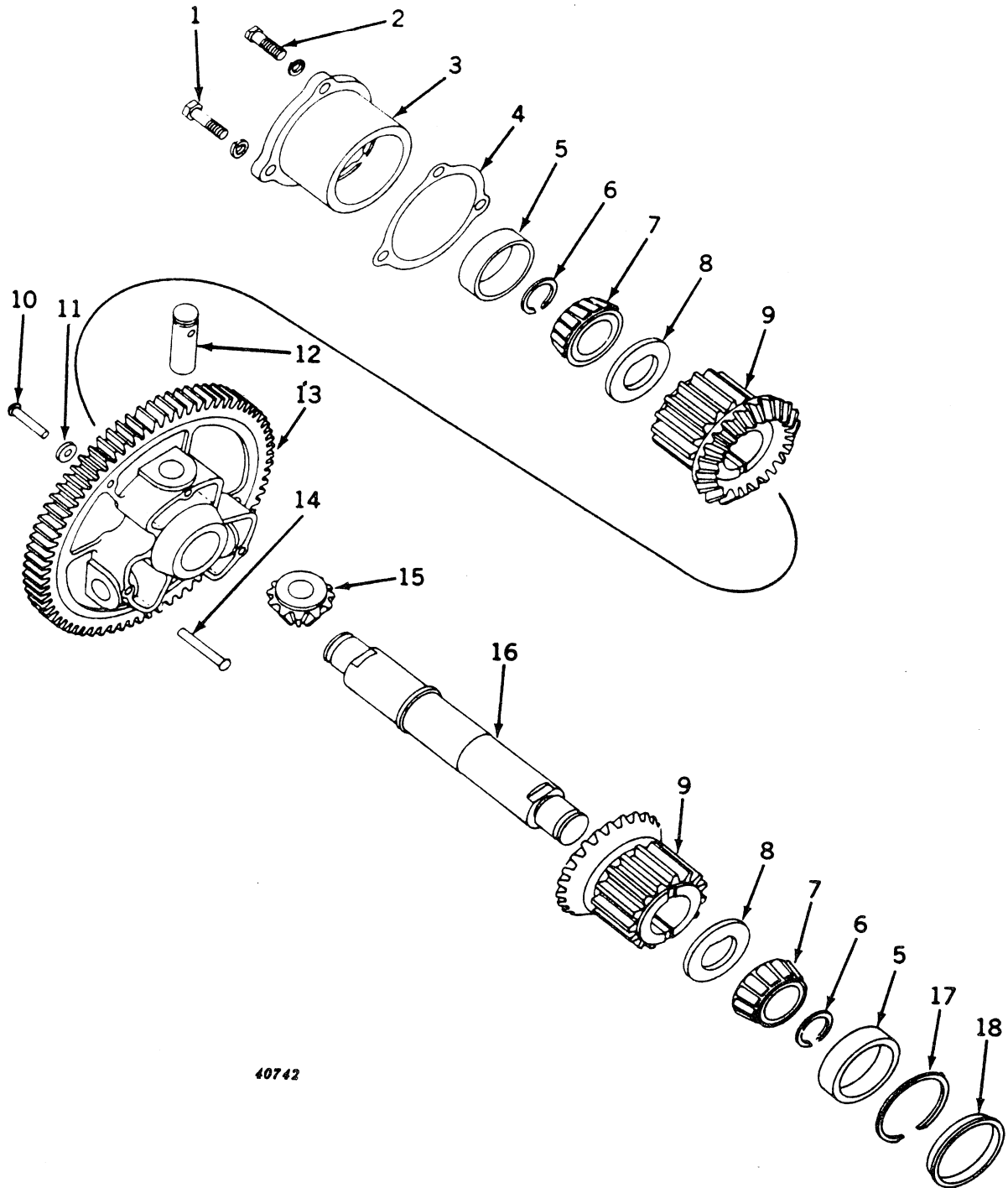
40733

Key	Part No.	Serial No.	Description
1	F 1377 R	( - )	Cover
2	A 4605 R	( - )	Plate, lock (2 used) (packed 2 in a pkg.)
3	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (2 used)

TRANSMISSION -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
4	A 310 R	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (drilled) (2 used)
5	.....	( - )	Wire, 16 gauge x 14" long
6	JD 8510	( - )	Bearing, power shaft idler gear (2 used) (tractors equipped with engine-driven power shaft)
7	AF 1545 R	( - )	Gear, power shaft idler, with F1335R spider (tractors equipped with engine-driven power shaft)
8	F 1337 R	( - )	Spacer (tractors equipped with engine-driven power shaft)
9	A 4514 R	( - )	Ring, snap (2 used) (tractors equipped with engine-driven power shaft)
10	F 1304 R	( - )	Spacer (tractors without engine-driven power shaft)
11	AF 1969 R	( - )	Gear, first reduction, with F1761R spider
12	A 159 R	( - )	Spacer (sub. for AA5406R)
13	A 1401 R	( - )	Ring, snap (packed 2 in a pkg.)
14	JD 7664	( - )	Bearing
15	11H 222	( - )	Pin, cotter, 3/16" x 2"
16	C 535 R	( - )	Nut, 1" (packed 5 in a pkg.)
17	F 1247 R	( - )	Pin, transmission oil slinger gear
18	F 1249 R	( -7031299 )	Gear, transmission oil slinger (24 teeth) (sub. AF2409R)
	AF 2409 R	(7031300- )	Gear, F2418R, transmission oil slinger, with bushing (24 teeth)
	F 2419 R	(7031300- )	Bushing
19	24H 1423	( - )	Washer, 29/32" x 1-1/2" x .036"
20	11H 237	( - )	Pin, cotter, 1/8" x 1-1/4"
21	F 1370 R	( - )	Pinion, fifth and sixth speed sliding (32 teeth)
22	F 1374 R	( - )	Retainer, oil, sliding gear, L.H. bearing
23	F 267 R	( - )	Ring, snap
24	F 1373 R	( - )	Ring, snap (2 used)
25	JD 7680	( - )	Bearing
26	JD 7553	( -7031299 )	Race, inner
	JD 7552	(7031300- )	Race, inner
27	F 1495 R	( -7031299 )	Ring, snap
	F 2370 R	( - )	Ring, snap
28	A 1401 R	( -7031299 )	Ring, snap (packed 2 in a pkg.)
	F 2367 R	(7031300- )	Ring, snap
29	AA 6619 R	( -7031299 )	Race, with rollers (sub. for JD7538)
	JD 7502	(7031300- )	Bearing
30	AF 1567 R	( -7031299 )	Gear, F1375R, transmission drive, and shaft, with nut (21 teeth)
	AF 2351 R	(7031300- )	Gear, F2366R, transmission drive, and shaft, with nut (21 teeth)
31	F 1373 R	( - )	Ring, snap (2 used)
32	JD 7997	( - )	Bearing
33	F 1367 R	( -7031299 )	Shaft, sliding gear (10 and 16 splines)
	F 2369 R	(7031300- )	Shaft, sliding gear (10 and 16 splines)
34	F 1368 R	( - )	Pinion, first and second speed sliding (18 teeth)
35	F 1369 R	( - )	Pinion, third and fourth speed sliding (25 teeth)
36	F 1372 R	( -7031299 )	Pinion, sliding gear shaft drive (25 teeth)
	F 2368 R	(7031300- )	Pinion, sliding gear shaft drive (25 teeth)
37	11H 222	( - )	Pin, cotter, 3/16" x 2"
38	F 562 R	( - )	Nut, 1-1/4" (packed 5 in a pkg.)
39	A 1522 R	( - )	Washer
40	F 1371 R	( - )	Gear, fifth and sixth speed drive (14 teeth)
41	F 561 R	( - )	Ring, snap
42	JD 7297	( - )	Cup, bearing
43	JD 8116	( - )	Cone, with rollers
44	F 2193 R	( - )	Ring, snap
45	F 2192 R	( - )	Gear, cluster (21 and 28 teeth)
46	F 1360 R	( -7031299 )	Spacer
	F 2349 R	(7031300- )	Spacer
47	26H 38	( - )	Key, Woodruff, 3/8" x 1-1/2" (2 used)
48	AF 2238 R	( -7031299 )	Countershaft, with nut (sub. AF2356R and F2349R)
	AF 2356 R	(7031300- )	Countershaft, with nut
49	F 1359 R	( - )	Gear, countershaft idler (21 and 25 teeth)
50	JD 8600	( - )	Bearing (2 used)
51	AF 1721 R	( - )	Spacer
52	F 2604 R	( - )	Washer, thrust (sub. for F1358R)
53	JD 7246	( -7031299 )	Cone, with rollers
	JD 8192	(7031300- )	Cone, with roller
54	JD 7408	( -7031299 )	Cup, bearing
	JD 8228	(7031300- )	Cup, bearing
55	F 1363 R	( - )	Shim, paper, thin (3 used) (packed 2 in a pkg.)
	F 1364 R	( - )	Shim, paper, thick, (3 used) (sub. F1363R)
	F 1365 R	( - )	Shim, steel (2 used)
56	F 1362 R	( -7031299 )	Housing, bearing, less cup (also order JD7408) (sub. for AF1564R)
	F 2365 R	(7031300- )	Housing, bearing, less cup (also order JD8228) (sub. for AF2350R)
57	.....	( - )	Wire, 16 gauge x 26" long
58	E 17374 E	( - )	Screw, cap, 1/2" x 1-1/4" (drilled) (3 used) (sub. for C1096R)

DIFFERENTIAL (Except Hi-Crop)  
(Serial No. 7017500- )

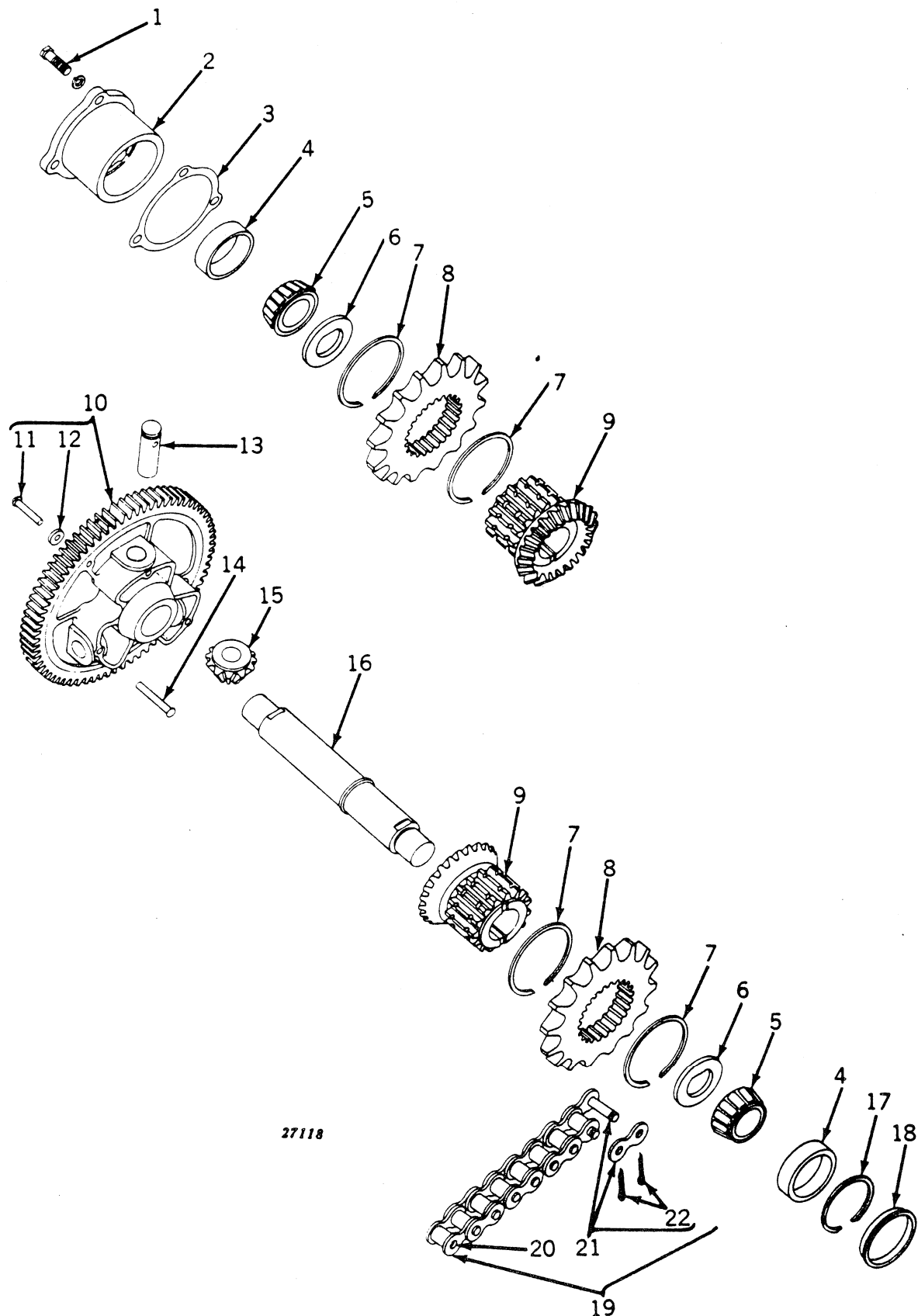


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DIFFERENTIAL (Except Hi-Crop) -- Continued  
(Serial No. 7017500- )

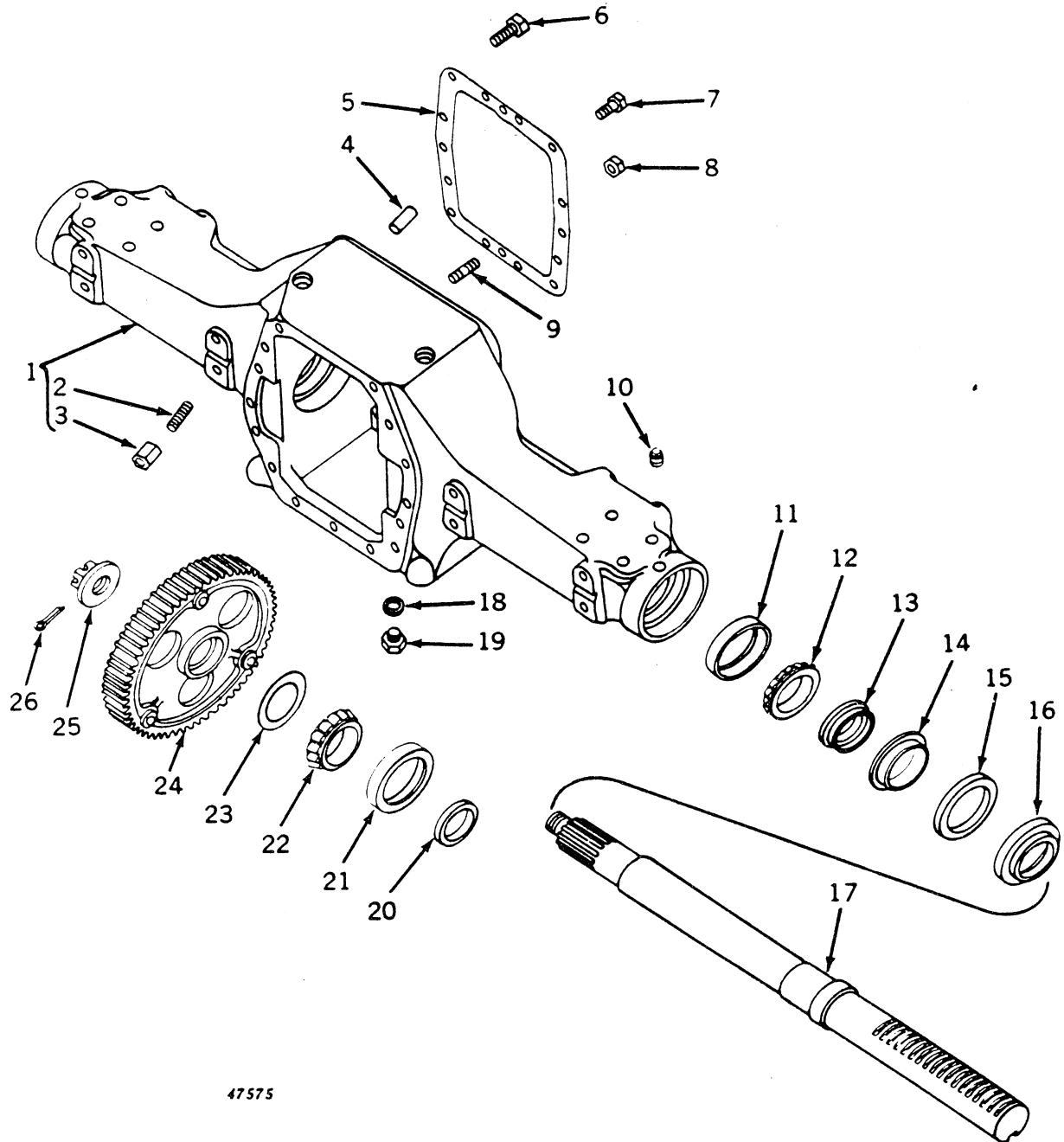
Key	Part No.	Serial No.	Description
1	19H 1356	( - )	Screw, cap, high-strength, 5/8" x 1-3/4" (2 used)
	12H 294	( - )	Washer, lock, 5/8" (2 used)
2	19H 1734	( - )	Screw, cap, high-strength, 5/8" x 2"
	12H 294	( - )	Washer, lock, 5/8"
3	F 1287 R	( - )	Quill, bearing
4	F 170 R	( - )	Shim, steel, thick (sub. F171R)
	F 171 R	( - )	Shim, steel, thick (packed 2 in a pkg.)
	F 172 R	( - )	Gasket, thick (sub. F173R)
	F 173 R	( - )	Gasket, thin (packed 5 in a pkg.)
5	JD 7444	( - )	Cup, bearing (2 used)
6	F 2197 R	( - )	Ring, snap (2 used)
7	JD 8176	( - )	Cone, with rollers (2 used)
8	F 166 R	( - )	Washer, thrust (2 used)
9	F 3218 R	( - )	Gear, bevel, and spur pinion (2 used) (sub. for F1284R)
10	16H 1134	( - )	Rivet, 5/16" x 1-1/2" (3 used)
11	A 127 R	( - )	Washer (6 used)
12	AF 1248 R	( - )	Shaft, bevel pinion (3 used) (sub. F163R)
13	AF 1491 R	( - )	Gear, differential, with F159R spider
14	16H 1419	( - )	Rivet, 3/8" x 2-11/16" (3 used)
15	F 1286 R	( - )	Pinion, bevel (3 used)
16	F 2194 R	( - )	Shaft, differential
17	F 1288 R	( - )	Ring, snap
18	F 1289 R	( - )	Cover, bearing

DIFFERENTIAL (Hi-Crop)  
(Serial No. 7017500- )



DIFFERENTIAL (Hi-Crop) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	19H 1355	( - )	Screw, cap, high-strength, 5/8" x 1-3/4" (3 used)
	12H 294	( - )	Washer, lock, 5/8" (3 used)
2	F 1287 R	( - )	Quill, bearing
3	F 170 R	( - )	Shim, steel, thick (sub. F171R)
	F 171 R	( - )	Shim, steel, thin (packed 2 in a pkg.)
	F 172 R	( - )	Gasket, thick (sub. F173R)
	F 173 R	( - )	Gasket, thin (packed 5 in a pkg.)
4	JD 7444	( - )	Cup, bearing (2 used)
5	JD 8176	( - )	Cone, with rollers (2 used)
6	F 166 R	( - )	Washer, thrust (2 used)
7	R 250 R	( - )	Ring, snap (4 used)
8	F 970 R	( - )	Sprocket (2 used)
9	F 1285 R	( - )	Gear, differential bevel (2 used)
10	AF 1491 R	( - )	Gear, differential, with F159R spider
11	16H 1134	( - )	Rivet, 5/16" x 1-1/2" (3 used)
12	A 127 R	( - )	Washer, retaining (3 used)
13	AF 1248 R	( - )	Shaft, bevel pinion (3 used) (sub. F163R)
14	16H 1419	( - )	Rivet, 3/8" x 2-11/16" (3 used)
15	F 1286 R	( - )	Pinion, bevel (3 used)
16	F 2194 R	( - )	Shaft, differential (also order two F2197R) (sub. for F161R)
17	F 1288 R	( - )	Ring, snap
18	F 1289 R	( - )	Cover, bearing
19	AA 4938 R	( - )	Chain, roller link (2 used) (also order one C1472R offset link)
	C 1472 R	( - )	Link, offset
20	C 1471 R	( - )	Link, roller
21	C 1107 R	( - )	Link, connecting
22	11H 211	( - )	Pin, cotter, 1/8" x 3/4" (2 used)

FINAL DRIVE, HOUSING, AND REAR AXLE SHAFTS (Except Hi-Crop)  
(Serial No. 7017500- )

FINAL DRIVE, HOUSING, AND REAR AXLE SHAFTS (Except Hi-Crop) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AF 1657 R	( - )	Housing, F1534R, with studs and nuts (except standard)
	AF 1790 R	( - )	Housing, F1580R, with studs and nuts (standard)
2	A 5292 R	( - )	Stud, 5/8" x 2-1/4" (12 used) (except standard) (packed 25 in a pkg.) (sub. for C1479R)
	A 5292 R	( - )	Stud, 5/8" x 2-1/4" (4 used) (standard) (packed 25 in a pkg.) (sub. for C1479R)
3	A 1892 R	( - )	Nut, special hex. (12 used) (except standard) (packed 25 in a pkg.)
	A 1892 R	( - )	Nut, special hex. (4 used) (standard) (packed 25 in a pkg.)
4	A 776 R	( - )	Pin, dowel (2 used)
5	F 1636 R	( - )	Gasket (packed 2 in a pkg.)
6	19H 1734	( - )	Screw, cap, high-strength, 5/8" x 2" (4 used)
7	19H 1356	( - )	Screw, cap, high-strength, 5/8" x 1-3/4" (4 used)
8	14H 794	( - )	Nut, 3/4" (6 used)
9	F 1549 R	( - )	Stud, 3/4" x 3-1/8" (6 used)
10	15H 254	( - )	Plug, pipe, 1/4" (2 used)
11	JD 8214	( - )	Cup, bearing (2 used)
12	JD 8167	( - )	Cone, with rollers (2 used)
13	A 4451 R	( - )	Spacer (2 used)
14	F 787 R	( - )	Retainer, felt, inner (2 used)
15	D 2455 R	( - )	Washer, felt (2 used) (sub. for AD1275R)
16	F 786 R	( - )	Retainer, felt, outer (2 used)
17	AF 1427 R	( - )	Shaft, rear axle, with nut (2 used) (88" tread)
	AF 1676 R	( - )	Shaft, rear axle, with nut (2 used) (104" tread)
	AF 1677 R	( - )	Shaft, rear axle, with nut (2 used) (112" tread)
18	A 4827 R	( - )	Washer (packed 2 in a pkg.)
19	F 3128 R	( - )	Plug (sub. for F1250R)
20	AD 1250 R	( - )	Seal, oil (2 used) (sub. for AD1251R)
21	JD 8218	( - )	Cup, bearing (2 used)
22	JD 8173	( - )	Cone, with rollers (2 used)
23	F 2253 R	( - )	Washer, thrust (bronze) (2 used)
24	AF 1428 R	( - )	Gear, final drive, with F1172R spider (2 used)
	R 31 R	( - )	Washer (12 used)
	16H 1175	( - )	Rivet, 5/16" x 2-1/4" (6 used)
25	A 76 R	( - )	Nut (2 used)
26	11H 249	( - )	Pin, cotter, 1/4" x 2" (2 used)





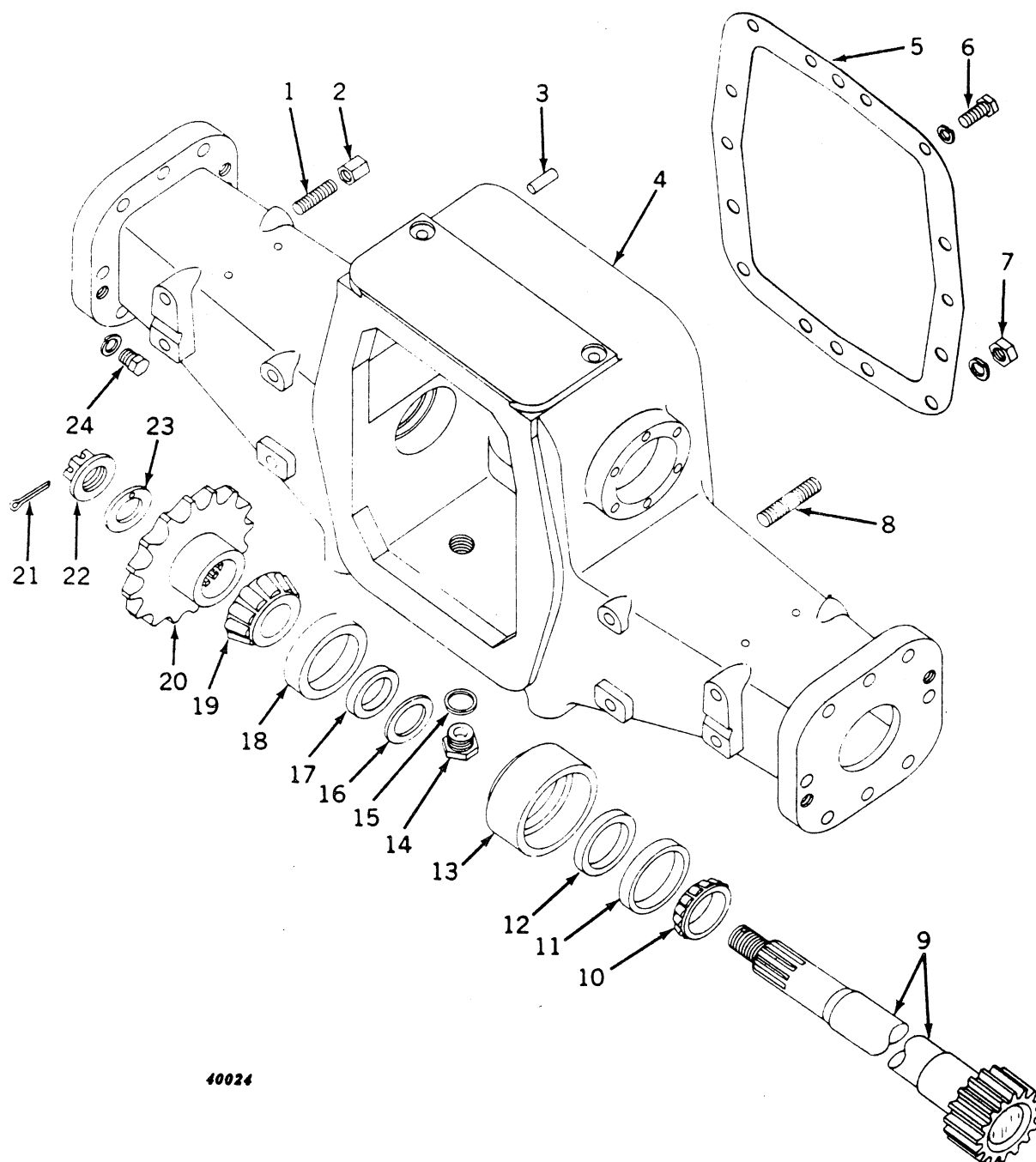
FINAL DRIVE, HOUSING, AND REAR AXLE SHAFTS (Hi-Crop) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	F 2273 R	( - )	Screw, cap, 3/8" x 1-1/4" (4 used)
	12H 304	( - )	Washer, lock, 3/8" (4 used)
2	F 997 R	( - )	Cover, bearing
3	F 998 R	( - )	Gasket
4	F 1483 R	(7015022- )	Nut, bearing locking (2 used)
5	F 1484 R	(7015022- )	Washer, bearing locking
6	B 350 R	( - )	Nut
7	11H 222	( - )	Pin, cotter, 3/16" x 2"
8	JD 8149	( - )	Cone, with rollers
9	19H 1862	( - )	Screw, cap, high-strength, 3/4" x 2-1/2" (6 used)
	12H 236	( - )	Washer, lock, 3/4" (6 used)
10	F 3357 R	( - )	Gasket (sub. for F1001R)
11	JD 7444	( - )	Cup
12	A 776 R	( - )	Pin, dowel (2 used)
13	R 81 R	( - )	Ring, snap
14	AF 1189 R	( - )	Housing, F994R, final drive gear, with oil seal, dowel pins, and bearings
15	F 228 R	( - )	Washer
16	AF 316 R	( - )	Seal, oil (sub. for AF342R)
17	JD 7448	( - )	Cup
18	F 3128 R	( - )	Plug (sub. for F1250R)
19	A 4827 R	( - )	Washer
20	JD 8112	( - )	Cone, with rollers
21	F 785 R	( - )	Spacer (sub. for AF1208R)
22	F 787 R	( - )	Retainer, inner
23	D 2455 R	( - )	Washer, felt (sub. for AD1275R)
24	F 786 R	( - )	Retainer, outer
25	AF 1160 R	( - )	Shaft, rear axle, with nut
26	JD 7759	( - )	Fitting, grease, straight, 1/8"
27	F 1004 R	( - )	Hub, rear wheel
28	12H 245	( - )	Washer, lock, 7/8" (6 used)
29	14H 408	( - )	Nut, 7/8" (6 used)
30	A 2833 R	( - )	Stud, 7/8" x 3-1/4" (6 used)
31	R 229 R	( - )	Washer (2 used) (packed 2 in a pkg.)
32	R 228 R	( - )	Plug (2 used)
33	19H 1978	( - )	Screw, cap, high-strength, 7/16" x 1-1/2" (12 used)
	12H 293	( - )	Washer, lock, 7/16" (12 used)
34	F 999 R	( - )	Cover, housing
35	F 1000 R	( - )	Gasket
36	AR 27746 R	( - )	Gear, F1443R, final drive (sub. for AF1611R)
37	B 2342 R	( - )	Ring, snap
38	R 31 R	( - )	Washer (6 used)
39	16H 1175	( - )	Rivet (3 used)

Parts listed below are not illustrated.

AF 1690 R	( - )	ADAPTER, SPROCKET DRIVE, CONSISTING OF:
A 3959 R	( - )	Pin, dowel, sprocket adapter flange (2 used)
AF 1155 R	( - )	Seal, oil, sprocket adapter flange
AF 1691 R	( - )	Flange, sprocket adapter, with pins
AF 1692 R	( - )	Cover, sprocket adapter, with oil seal
F 1489 R	( - )	Gasket, sprocket adapter flange
19H 1847	( - )	Screw, cap, high-strength, 5/8" x 2-1/2", sprocket adapter flange to rear axle shaft
12H 294	( - )	Washer, lock, 5/8"

Capital letters indicate an attachment. Attachments must be listed on separate order from replacement parts order.

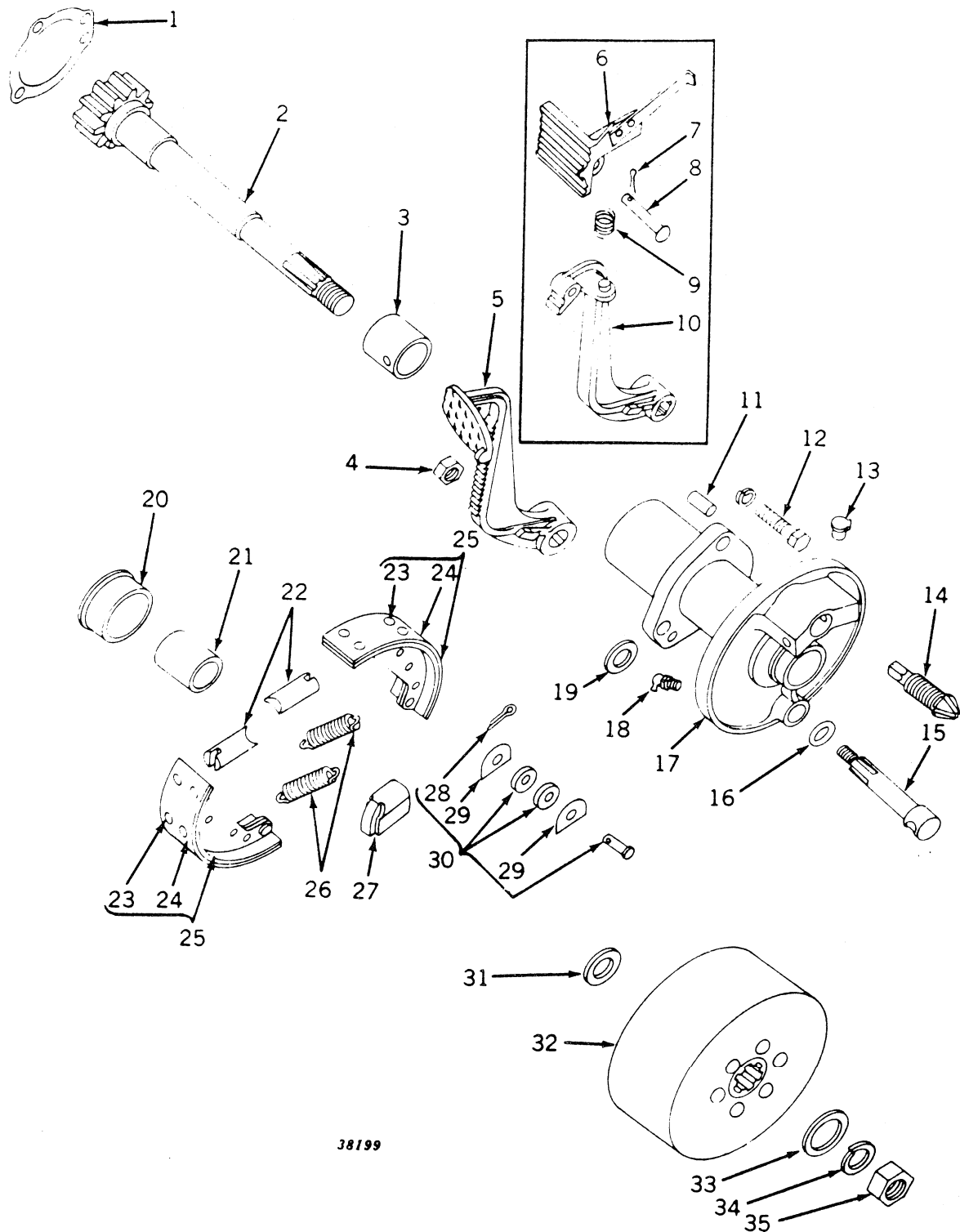
DRIVE SHAFT AND DRIVE SHAFT HOUSING (Hi-Crop)  
(Serial No. 7017500- )

40024

DRIVE SHAFT AND DRIVE SHAFT HOUSING (Hi-Crop) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	A 5292 R	( - )	Stud, 5/8" x 2-1/4" (12 used) (sub. for C1479R)
2	A 1892 R	( - )	Nut, special hex. (12 used) (packed 25 in a pkg.)
3	C 1220 R	( - )	Pin, dowel (2 used) (packed 2 in a pkg.)
4	AF 1188 R	( - )	Housing, F989R or F1536R, drive shaft, with oil seals, bearing cups, washer, dowel pins, studs, and nuts
	A 3750 R	( - )	Retainer for plugging removal holes (4 used)
5	F 1636 R	( - )	Gasket (packed 2 in a pkg.) (sub. for F227R and F1535R)
6	19H 1356	( - )	Screw, cap, high-strength, 5/8" x 1-3/4" (4 used)
	19H 1734	( - )	Screw, cap, high-strength, 5/8" x 2" (4 used)
7	14H 400	( - )	Nut, 3/4" (6 used)
8	F 1549 R	( - )	Stud, 3/4" x 3-1/8" (6 used)
9	AF 1154 R	( - )	Shaft, drive, with pinion and nut (2 used)
10	JD 8130	( - )	Cone, with rollers, outer (2 used)
11	JD 7446	( - )	Cup, bearing, outer (2 used)
12	AF 1156 R	( - )	Seal, oil, outer (2 used)
13	F 991 R	( - )	Adapter (2 used)
14	A 1441 R	( - )	Plug, drain
15	A 3137 R	( - )	Washer (packed 2 in a pkg.)
16	F 992 R	( - )	Washer (2 used)
17	AF 1155 R	( - )	Seal, oil, inner (2 used)
18	JD 7444	( - )	Cup, bearing, inner (2 used)
19	JD 8149	( - )	Cone, with roller, inner (2 used)
20	AF 1157 R	( - )	Sprocket, with hub (2 used)
21	11H 222	( - )	Pin, cotter, 3/16" x 2" (2 used)
22	B 350 R	( - )	Nut (2 used)
23	F 993 R	( - )	Washer (2 used)
24	19H 1862	( - )	Screw, cap, 3/4" x 2-1/2" (12 used)
	12H 236	( - )	Washer, lock, 3/4" (12 used)

BRAKES (Except Hi-Crop)  
(Serial No. 7017500- )

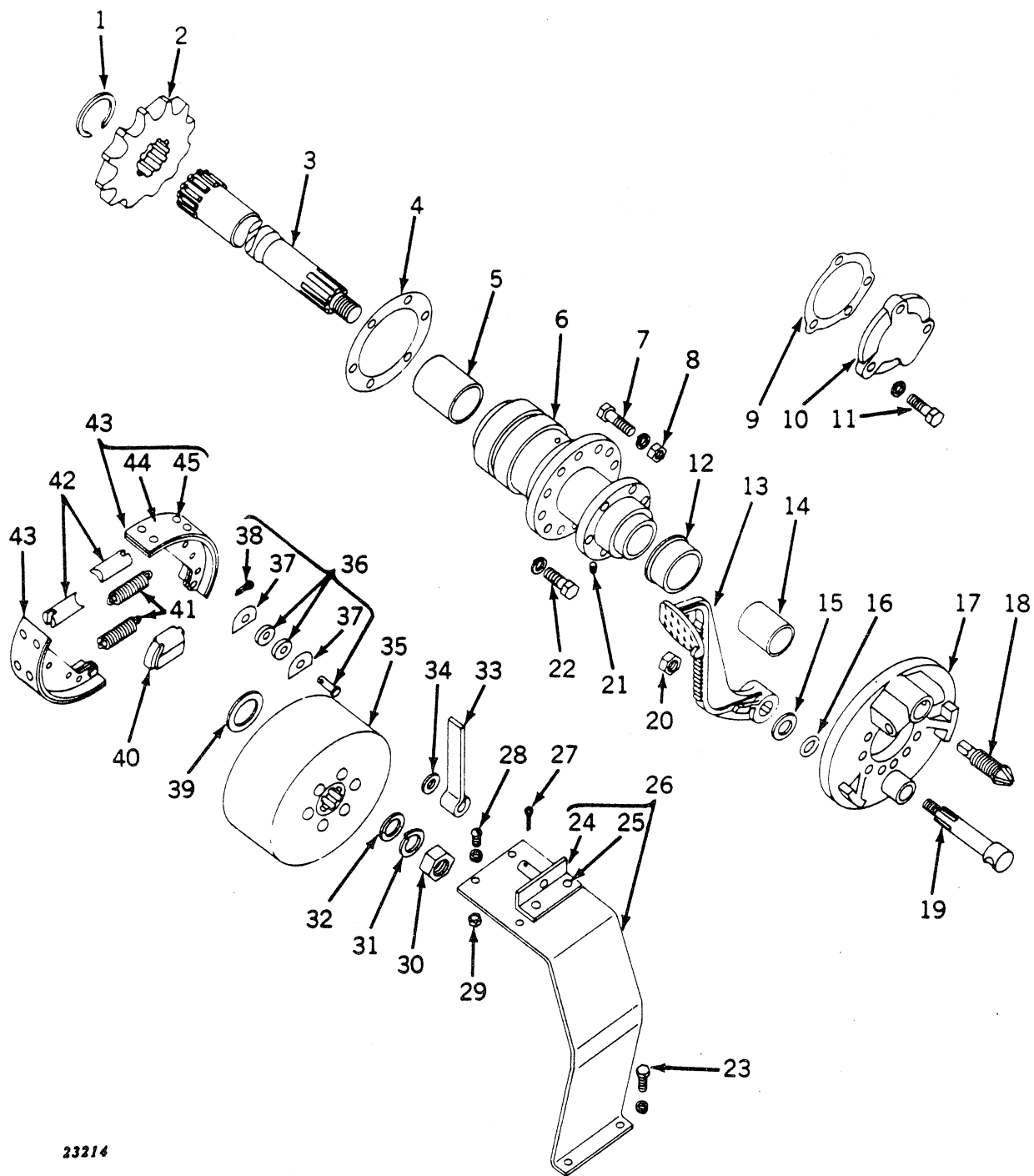


38199

BRAKES (Except Hi-Crop) -- Continued  
(Serial No. 7017500-- )

Key	Part No.	Serial No.	Description
1	F 157 R	( - )	Gasket (packed 5 in a pkg.)
2	AF 2787 R	( - )	Shaft, brake, with nut (sub. for AF1600R)
3	F 1526 R	( - )	Bushing, inner
4	14H 800	( - )	Nut, 5/8"
5	A 88 R	( - )	Pedal, R.H. (except standard)
	A 89 R	( - )	Pedal, L.H. (except standard)
6	AF 1842 R	( - )	Pedal, F1578R, brake, with latch, R.H. (standard)
	AF 1843 R	( - )	Pedal, F1579R, brake, with latch, L.H. (standard)
7	11H 236	( - )	Pin, cotter, 1/8" x 1" (standard)
8	D 1969 R	( - )	Rivet (standard)
9	A 4748 R	( - )	Spring (standard)
10	F 1576 R	( - )	Lever, brake, R.H. (standard)
	F 1577 R	( - )	Lever, brake, L.H. (standard)
11	A 120 R	( - )	Pin, dowel (packed 2 in a pkg.)
12	19H 1356	( - )	Screw, cap, 5/8" x 1-3/4" (3 used)
	12H 294	( - )	Washer, lock, 5/8" (3 used)
13	AA 811 R	( - )	Oiler
14	A 151 R	( - )	Screw, adjusting
15	A 4302 R	( - )	Shaft, lever
16	R 495 R	( - )	O-ring (packed 5 in a pkg.)
17	AF 1598 R	( - )	Housing, F1436R, with bushing and oiler
18	JD 7781	( - )	Fitting, grease
19	24H 1423	( - )	Washer, 29/32" x 1-1/2" x .036"
20	A 510 R	( - )	Guard, dust, inner
21	A 1163 R	( - )	Bushing, outer
22	A 134 R	( - )	Pin, adjusting (2 used)
23	D 2309 R	( - )	Rivet, brass, 3/16" x 5/16" (20 used) (packed 100 in a pkg.)
24	AR 604 R	( - )	Lining (set of four linings and forty rivets)
25	AR 483 R	( - )	Shoe, with lining (2 used)
26	R 21753 R	( - )	Spring (2 used) (sub. for A348R)
27	A 321 R	( - )	Cam
28	11H 236	( - )	Pin, cotter, 1/8" x 1" (2 used)
29	A 2299 R	( - )	Washer (4 used) (packed 2 in a pkg.)
30	AA 4837 R	( - )	Pins (two) with rollers and washers
31	24H 1552	( - )	Washer, 1-5/8" x 2-3/32" x .036"
32	AR 482 R	( - )	Drum, brake, with hub
	F 154 R	( - )	Guard, dust, outer
	16H 1342	( - )	Rivet, drum to hub, 3/8" x 1-1/8", R.I.O.H. (6 used)
33	D 136 R	( - )	Washer
34	12H 234	( - )	Washer, lock, 1"
35	14H 876	( - )	Nut, jam, 1"

BRAKES (Hi-Crop)  
(Serial No. 7017500- )

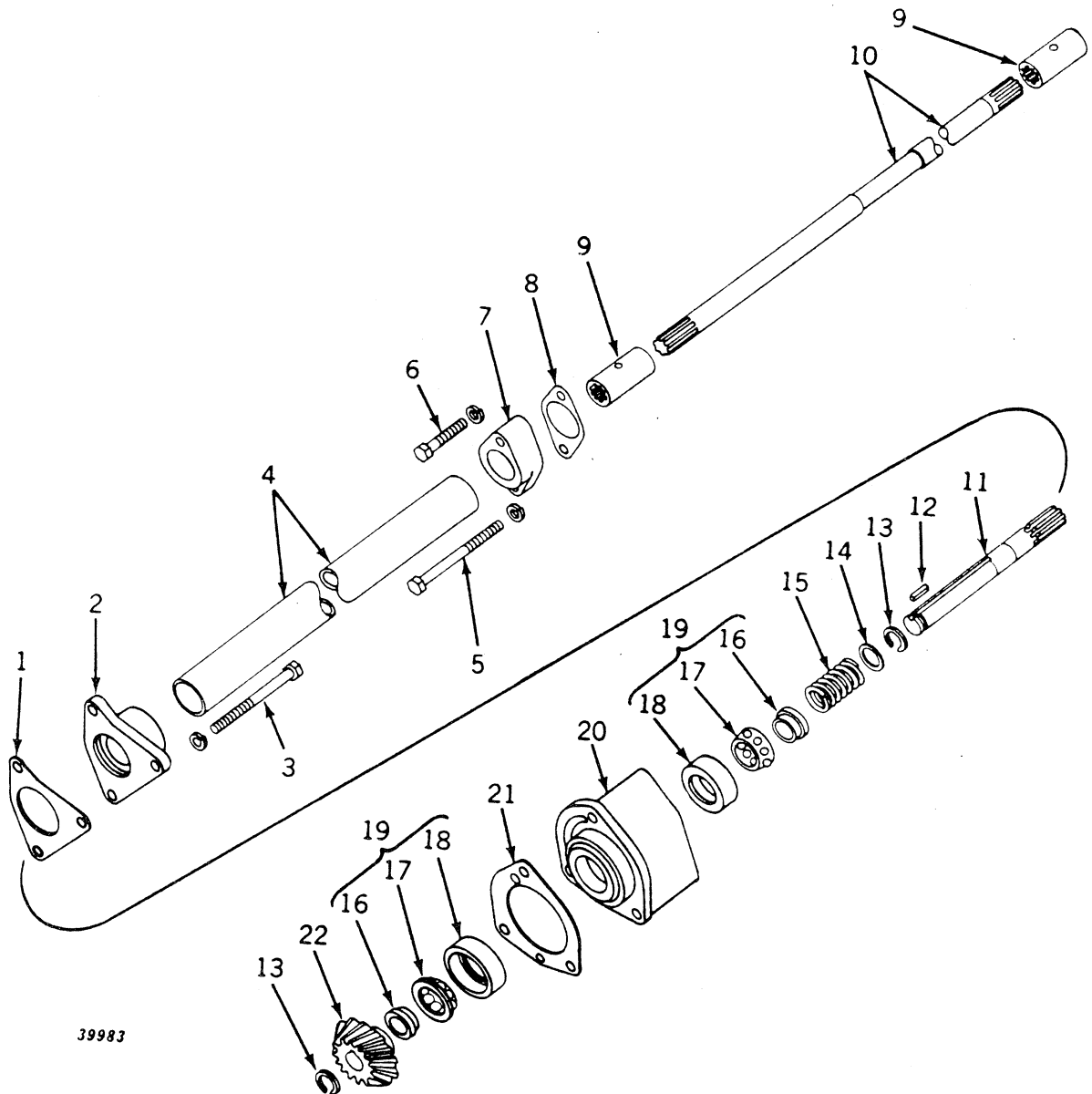


23214

BRAKES (Hi-Crop) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	R 36295 R	( )	Ring, snap (sub. for F977R)
2	F 976 R	( )	Sprocket
3	AF 1146 R	( )	Shaft, brake, with nut
4	F 974 R	( )	Gasket
5	F 1526 R	( )	Bushing, inner
6	AF 1145 R	( )	Housing, F973R, brake shaft, with bushing
7	AF 981 R	( )	Screw, cap, 7/16" x 1-5/8" (do not substitute) (6 used)
	12H 293	( )	Washer, lock, 7/16" (6 used)
8	A 5236 R	( )	Nut, 7/16" (6 used)
9	F 157 R	( )	Gasket (packed 5 in a pkg.)
10	F 972 R	( )	Cover, brake opening
11	16H 1721	( )	Screw, cap, high-strength, 1/2" x 1-1/2" (6 used)
	12H 301	( )	Washer, lock, 1/2" (3 used)
12	A 510 R	( )	Guard, dust
13	F 979 R	( )	Pedal, R.H.
	F 980 R	( )	Pedal, L.H.
14	A 1163 R	( )	Bushing, outer
15	14H 1423	( )	Washer, 29/32" x 1-1/2" x .036" (2 used)
16	R 495 R	( )	O-ring (packed 5 in a pkg.)
17	F 978 R	( )	Carrier, brake shoe
18	A 151 R	( )	Screw, adjusting
19	A 152 R	( )	Shaft, brake lever
20	14H 800	( )	Nut, 5/8"
21	15H 253	( )	Plug, pipe (2 used)
22	19H 456	( )	Screw, cap, high-strength, 1/2" x 1-3/8" (6 used)
	12H 301	( )	Washer, lock, 1/2" (6 used)
23	19H 1900	( )	Screw, cap, high-strength, 5/16" x 3/4" (2 used)
	12H 303	( )	Washer, lock, 5/16" (2 used)
24	AB 330 R	( )	Support, brake latch, with pivot
25	16H 672	( )	Rivet, R.I.O.H., 1/4" x 3/4" (2 used)
26	AF 1150 R	( )	Guard, brake drum, R.H.
	AF 1151 R	( )	Guard, brake drum, L.H.
27	11H 236	( )	Pin, cotter, 1/8" x 1"
28	11H 1023	( )	Screw, mach., 1/4" x 5/8" (2 used)
	12H 302	( )	Washer, lock, 1/4" (2 used)
29	14H 786	( )	Nut, 1/4" (2 used)
30	14H 876	( )	Nut, jam, 1"
31	12H 234	( )	Washer, lock, 1"
32	D 136 R	( )	Washer
33	B 2149 R	( )	Latch, brake
34	14H 1355	( )	Washer, 37/64" x 1-1/8" x .120"
35	AR 482 R	( )	Drum, brake, with hub (sub. for AF291R)
	R 491 R	( )	Drum only (sub. for A511R)
	F 154 R	( )	Guard, dust
	16H 1346	( )	Rivet, R.I.O.H., 3/8" x 1-1/4" (6 used)
36	AA 4837 R	( )	Pins (two) shoe roller, with rollers and washers
37	A 2299 R	( )	Washer (4 used) (packed 2 in a pkg.)
38	11H 236	( )	Pin, cotter, 1/8" x 1" (2 used)
39	14H 1552	( )	Washer, 1-5/8" x 2-3/32" x .036" (2 used)
40	A 321 R	( )	Cam, brake
41	R 21753 R	( )	Spring (2 used) (sub. for A348R)
42	A 134 R	( )	Pin, adjusting (2 used)
43	AA 314 R	( )	Shoe, brake, with facing (2 used)
44	AA 4253 R	( )	Facing (set of four lining, with rivets)
45	D 2309 R	( )	Rivet (16 used) (packed 100 in a pkg.) (sub. for AD1773R)

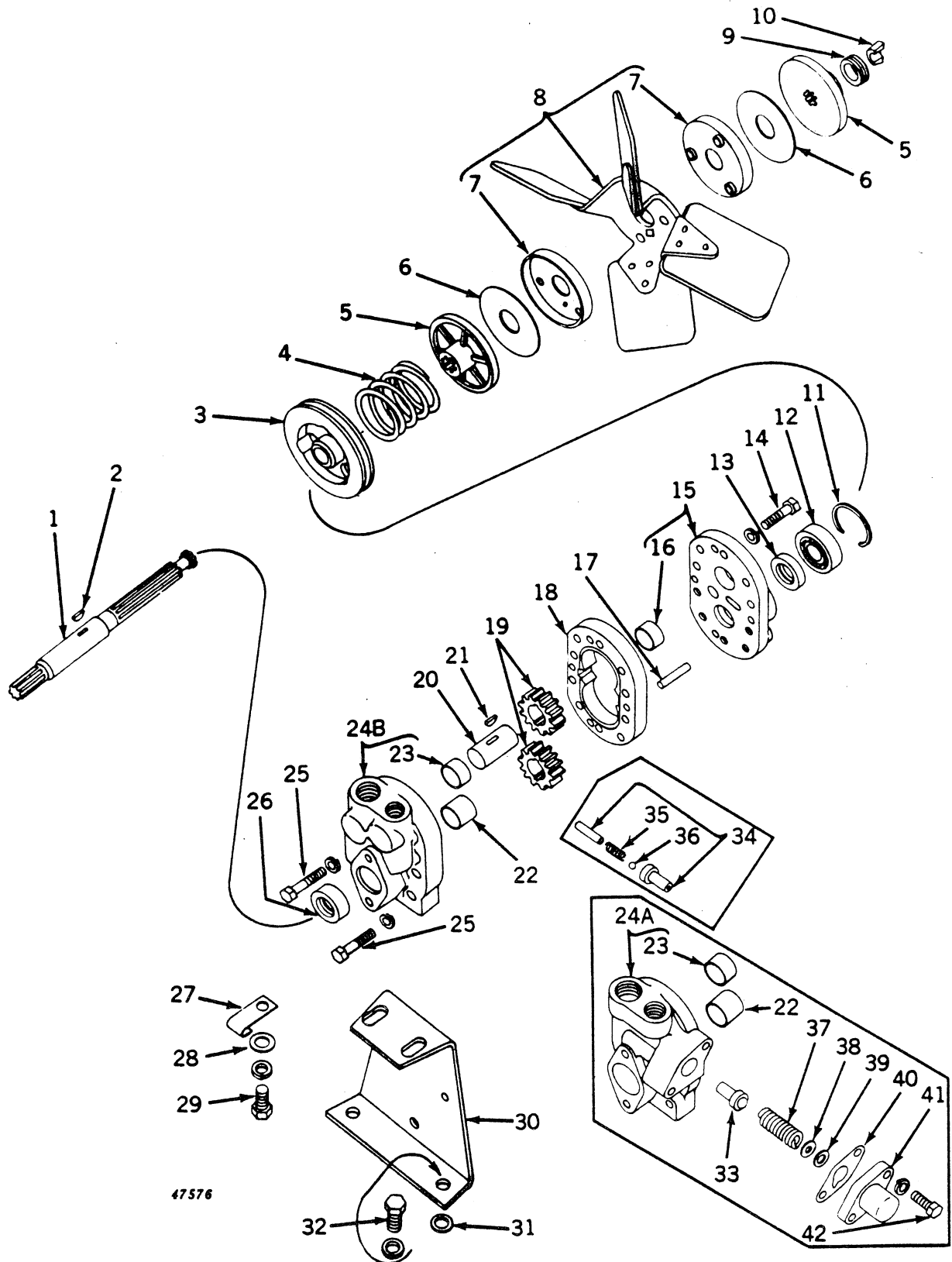


FAN DRIVE (Power Steering)  
(Serial No. 7017500- )

FAN DRIVE (Power Steering) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	F 2094 R	( - )	Gasket (packed 2 in a pkg.)
2	F 2093 R	( - )	Cover, fan drive shaft bearing housing
3	19H 1854	( - )	Screw, cap, high-strength, 3/8" x 3-3/4" (3 used)
	12H 304	( - )	Washer, lock, 3/8" (3 used)
4	F 1663 R	( - )	Tube, fan drive
5	19H 2228	( - )	Screw, cap, high-strength, 3/8" x 4"
	12H 304	( - )	Washer, lock, 3/8"
6	F 2274 R	( - )	Screw, cap, 3/8" x 1-3/4"
	12H 304	( - )	Washer, lock, 3/8"
7	F 1666 R	( - )	Flange, steering pump
8	F 1667 R	( - )	Gasket (packed 2 in a pkg.)
9	AF 1902 R	( - )	Coupling (2 used)
10	F 2091 R	( - )	Shaft, fan drive coupling
11	F 1656 R	( - )	Shaft, fan drive
12	D 403 R	( - )	Key (packed 5 in a pkg.)
13	A 369 R	( - )	Ring, snap (2 used) (packed 5 in a pkg.)
14	24H 448	( - )	Washer, 25/32" x 1-1/8" x .090"
15	F 1660 R	( - )	Spring
16	JD 7656	( - )	Cone, bearing (2 used)
17	JD 7657	( - )	Retainer, with balls (2 used)
18	JD 7655	( - )	Cup, bearing (2 used)
19	JD 7654	( - )	Bearing, complete (2 used)
20	F 3415 R	( - )	Housing, fan drive shaft bearing (sub. for F2090R)
21	F 2077 R	( - )	Shim (packed 2 in a pkg.)
22	AF 3452 R	( - )	Gear and pinion (one F3330R and one F3331R) (sub. for AF2218R, one F2063R, and one F2064R)

# FAN AND POWER STEERING PUMP (Power Steering) (Serial No. 7017500- )



47576

**FAN AND POWER STEERING PUMP (Power Steering) -- Continued**  
(Serial No. 7017500- )

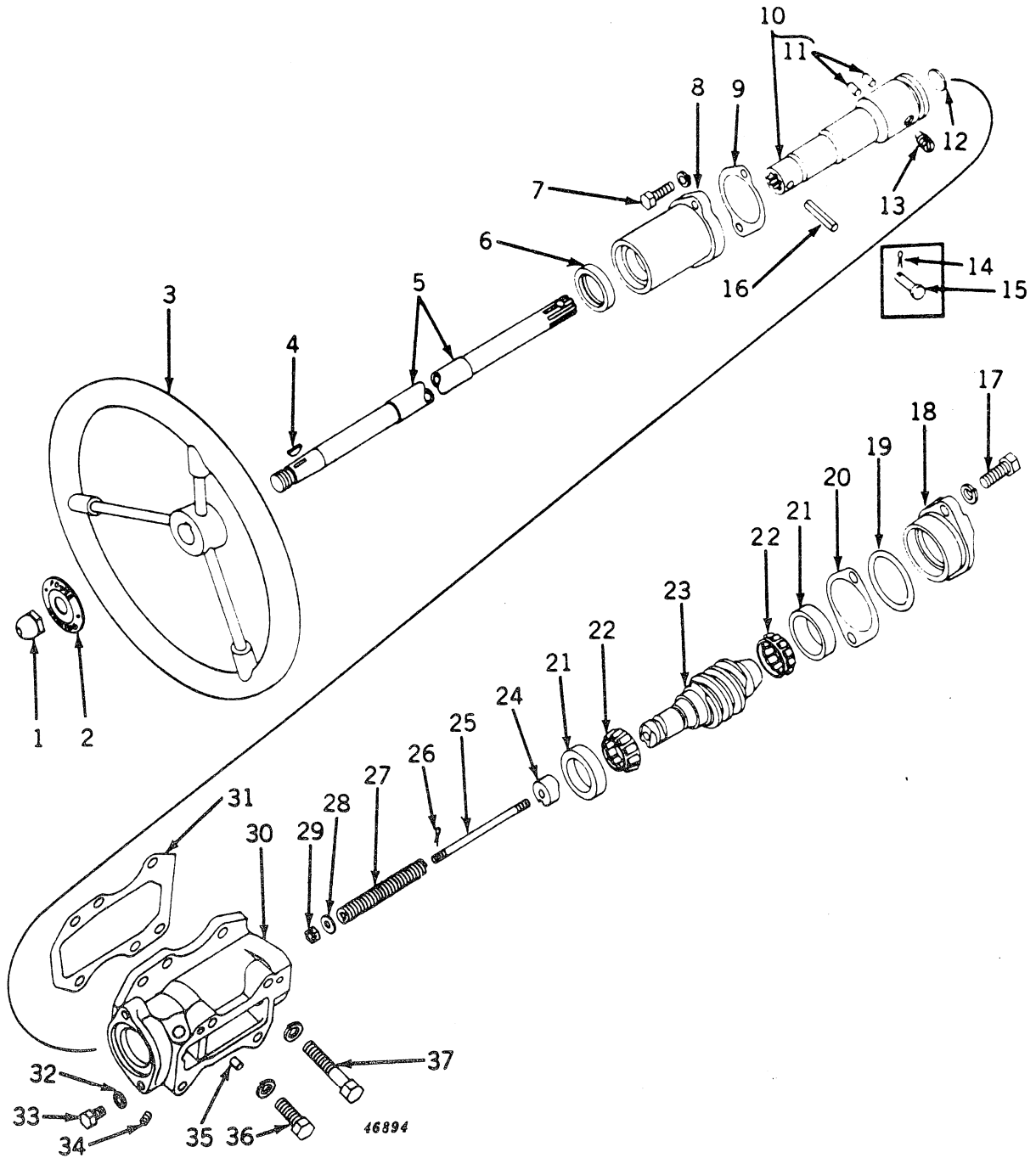
Key	Part No.	Serial No.	Description
1	F 1687 R	( - )	Shaft, fan
2	26H 70	( - )	Key, Woodruff, 1/8" x 1/2"
3	F 1668 R	( - )	Pulley, generator drive
4	F 808 R	( - )	Spring
5	AB 3314 R	( - )	Disk, friction (2 used) (pkg. of 2)
6	D 399 R	( - )	Washer, friction (2 used) (packed 5 in a pkg.)
7	A 4059 R	( - )	Cup, fan drive (2 used)
8	AF 825 R	( - )	Fan, with two A4059R cups
9	A 3645 R	( - )	Keeper, fan
10	D 1720 R	( - )	Lock (half) (2 used) (packed 2 in a pkg.)
11	D 398 R	( - )	Ring, snap
12	JD 7142	( - )	Bearing
13	AR 21263 R	( - )	Seal, oil (sub. for AF1925R) (sub. two AR21900R oil seals)
14	19H 1179	( - )	Screw, cap, 3/8" x 1-3/4" (5 used) (sub. for F2274R)
	12H 304	( - )	Washer, lock, 3/8" (5 used)
15	AF 2338 R	( - )	Cover, F1655R and F2313R, steering pump, with bushing (sub. for AF1924R)
16	F 1747 R	( - )	Bushing
17	R 36882 R	( -7031299 )	Pin, Dowel (2 used) (sub. for D2478R or R28784R)
	R 1800 R	(7031300- )	Pin, dowel (2 used)
18	F 2324 R	( - )	Body, steering pump (sub. for F1654R)
19	AF 1329 R	( - )	Gear, steering pump (set of 2) (one set used) (sub. for F1684R)
20	F 1685 R	( - )	Shaft, steering pump gear
21	26H 70	( - )	Key, Woodruff, 1/8" x 1/2"
22	A 4130 R	( - )	Bushing (sub. for AA4794R) (packed 2 in a pkg.)
23	F 1747 R	( - )	Bushing
24A	AF 1923 R	( -7031299 )	Housing, F1653R, steering pump, with bushings
24B	AF 2339 R	(7031300- )	Housing, F2311R, steering pump, with bushings
25	19H 1726	( - )	Screw, cap, high-strength, 3/8" x 2-1/4" (4 used)
	12H 304	( - )	Washer, lock, 3/8" (4 used)
26	AR 21263 R	( - )	Seal, oil (sub. for AF1925R) (sub. two AR21900R oil seals and one R21720R spacer)
27	B 1986 R	( - )	Clip
28	24H 1303	( - )	Washer, 13/32" x 11/16" x .060" (2 used)
29	19H 1731	( - )	Screw, cap, high-strength, 3/8" x 1" (2 used)
	12H 304	( - )	Washer, lock, 3/8" (2 used)
30	F 1670 R	( - )	Support, fan
31	24H 1321	( - )	Washer, 29/64" x 13/16" x 26 gauge (8 used)
32	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (2 used)
	12H 293	( - )	Washer, lock, 7/16" (2 used)
33	AF 1926 R	(7016022-7022219)	v valve, steering pump, without ball and spring (sub. one F2232R and two 24H1136)
	F 2232 R	(7022220- )	Valve, steering pump (see page 50-9, key 22)
34	AF 1926 R	( -7016027 )	Valve, steering pump (sub. one F2232R and two 24H1136)
35	R 801 R	( -7016021 )	Spring
36	400 R	( -7016021 )	Ball, steel
37	A 4546 R	( - )	Spring (see page 50-9, key 21)
38	24H 1136	( -7022219 )	Washer, 11/32" x 11/16" x .060" (2 used)
	24H 1136	(7022220-7031299)	Washer, 11/32" x 11/16" x .060" (4 used)
39	A 4256 R	( -7022219 )	Washer (6 used)
	A 4256 R	(7022219- )	Washer (3 used)
40	F 2249 R	( -7031299 )	Gasket (packed 5 in a pkg.) (sub. for F1691R)
41	F 1690 R	( -7031299 )	Cover, steering pump valve
42	19H 1731	( -7031299 )	Screw, cap, high-strength, 3/8" x 1" (2 used)
	12H 304	( -7031299 )	Washer, lock, 3/8" (2 used)

Part listed below is an assembly of some of the parts in this grouping.

AF 1904 R ( - ) Pump, power steering, complete

# STEERING SHAFT, WORM, AND HOUSING ASSEMBLY (Power Steering)

(Serial No. 7017500- )



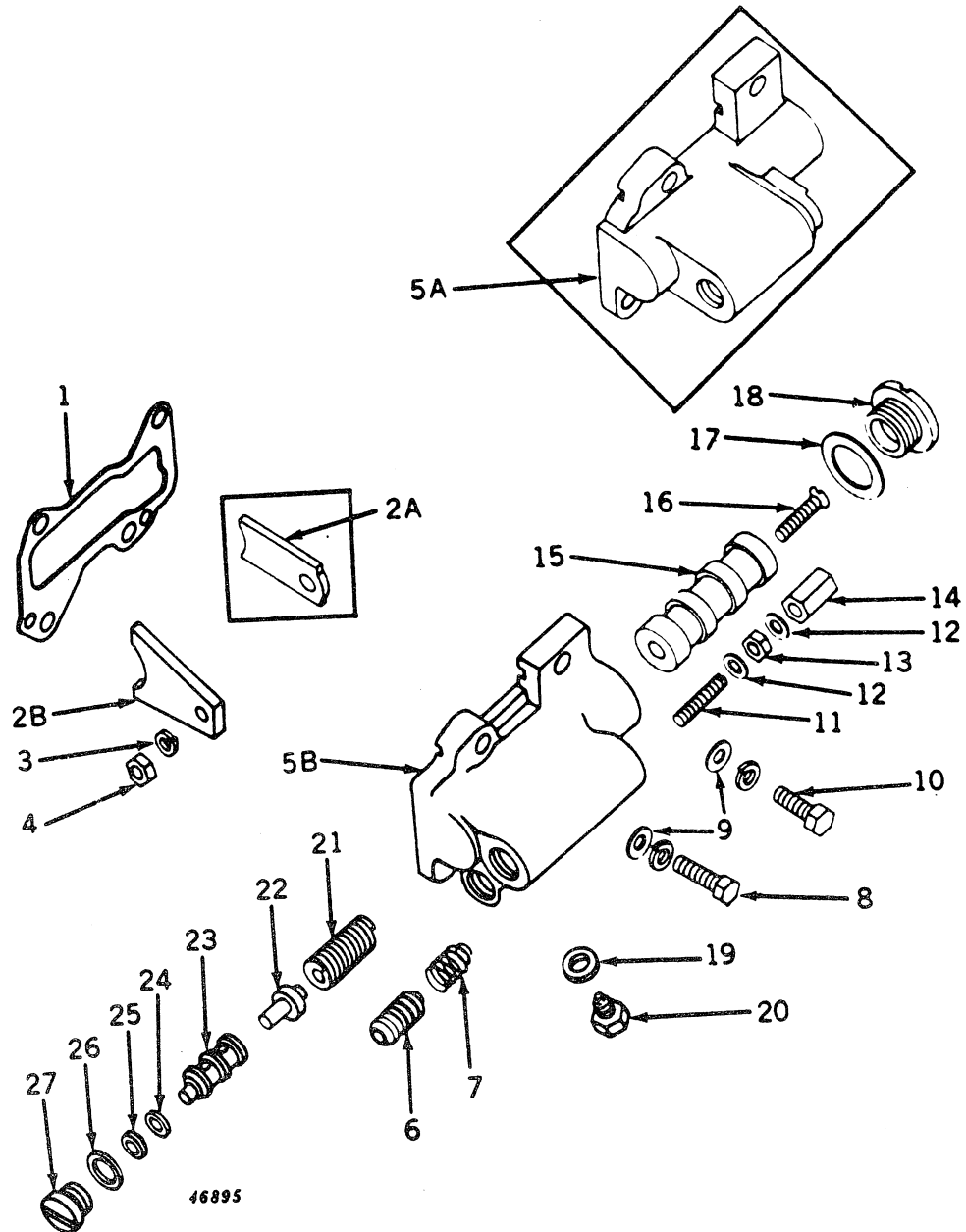
STEERING SHAFT, WORM, AND HOUSING ASSEMBLY (Power Steering) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	F 1745 R	( - )	Nut
2	F 1744 R	( - )	Emblem, power steering
3	AA 380 R	( - )	Wheel, steering
4	26H 17	( - )	Key, Woodruff, 3/16" x 7/8"
5	AF 1943 R	( - )	Shaft, steering, with nut
6	AF 1934 R	( - )	Seal, oil
7	19H 1139	( - )	Screw, cap, high-strength, 3/8" x 1-1/8" (2 used)
	12H 304	( - )	Washer, lock, 3/8"
8	F 1722 R	( - )	Housing, steering shaft oil seal
9	R 21062 R	( - )	Gasket (packed 5 in a pkg.) (sub. for F1723R)
10	AF 1938 R	( - )	Sleeve, steering valve actuating, with pins
11	F 1743 R	( - )	Pin (2 used)
12	30H 13	( - )	Plug, expansion, 1"
13	R 20913 R	( - )	Screw, set, special (sub. for F1717R)
14	11H 234	( -7031299)	Pin, cotter, 3/32" x 1"
15	F 1673 R	( -7031299)	Pin
16	34H 314	(7031300-)	Pin, spring, 1/4" x 1-1/4"
	.....	(7031300-)	Wire, 16 gauge x 5" long
17	19H 1815	( - )	Screw, cap, high-strength, 1/2" x 1-1/4" (2 used)
	12H 301	( - )	Washer, lock, 1/2" (2 used)
18	AR 20170 R	( - )	Housing, bearing, with R20168R plug and H356R washer (sub. for F1724R)
19	F 1649 R	( - )	O-ring (packed 5 in a pkg.)
20	F 1648 R	( - )	Shim, steel, 0.0025" (packed 5 in a pkg.)
	F 2155 R	( - )	Shim, steel, 0.010" (packed 5 in a pkg.)
	F 2156 R	( - )	Shim, steel, 0.018" (sub. F2155R)
21	JD 7253	( - )	Cup, bearing (2 used)
22	JD 8172	( - )	Cone, with rollers (2 used)
23	F 1715 R	( -7026299)	Worm, steering (sub. one F2337R gear, and one F2333R worm)
	F 2252 R	(7026300-7031299)	Worm, steering (sub. one F2337R gear, and one F2333R worm)
	F 2333 R	(7031300-)	Worm, steering
24	F 1719 R	( - )	Cam, steering worm
25	F 1718 R	( -7031299)	Rod, steering worm cam
	F 2334 R	(7031300-)	Rod, steering worm cam
26	11H 231	( - )	Pin, cotter, 1/16" x 1/2"
27	A 659 R	( -7031299)	Spring (sub. for H840R)
	F 2335 R	(7031300-)	Spring
28	24H 1305	( -7031299)	Washer, 13/32" x 13/16" x .060" (2 used)
	24H 1290	(7031300-)	Washer, 21/64" x 3/4" x .036" (2 used)
	24H 1136	(7031300-)	Washer, 11/32" x 11/16" x .060" (2 used)
29	14H 511	( - )	Nut, slotted, 5/16"
30	F 1714 R	( -7031299)	Housing, steering worm (sub. AR20169R) (on 7017500-7024857 also furnish one A3098R and one 19H2038)
	AR 20169 R	(7031300-)	Housing, steering worm, with 15H559 plug (sub. for F2332R)
31	F 1706 R	( - )	Shim, .005" paper (packed 10 in a pkg.)
	F 2346 R	(7031300-)	Shim, .007" rubber (packed 10 in a pkg.)
32	A 3098 R	(7024858-)	Washer, aluminum, housing drain plug (packed 5 in a pkg.)
33	19H 2038	(7024858-)	Screw, cap, high-strength, 3/8" x 1/2"
34	15H 559	( - )	Plug, pipe, ctsk., headless, 1/4"
35	D 186 R	( -7031299)	Pin, dowel (2 used) (sub. F1743R)
	F 1743 R	(7031300-)	Pin, dowel (2 used) (packed 2 in a pkg.)
36	19H 456	( - )	Screw, cap, high-strength, 1/2" x 1-3/8" (3 used)
	12H 301	( - )	Washer, lock, 1/2" (3 used)
37	19H 1974	( - )	Screw, cap, high-strength, 1/2" x 2-3/4"
	12H 301	( - )	Washer, lock, 1/2"

Part listed below is an assembly of most of the parts in this grouping.

AR 21667 R	( - )	Kit, service, power steering adjustable helix (on 7017500-7031299 also furnish F2337R steering gear if not previously installed)
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STEERING VALVE ASSEMBLY (Power Steering)  
(Serial No. 7017500- )

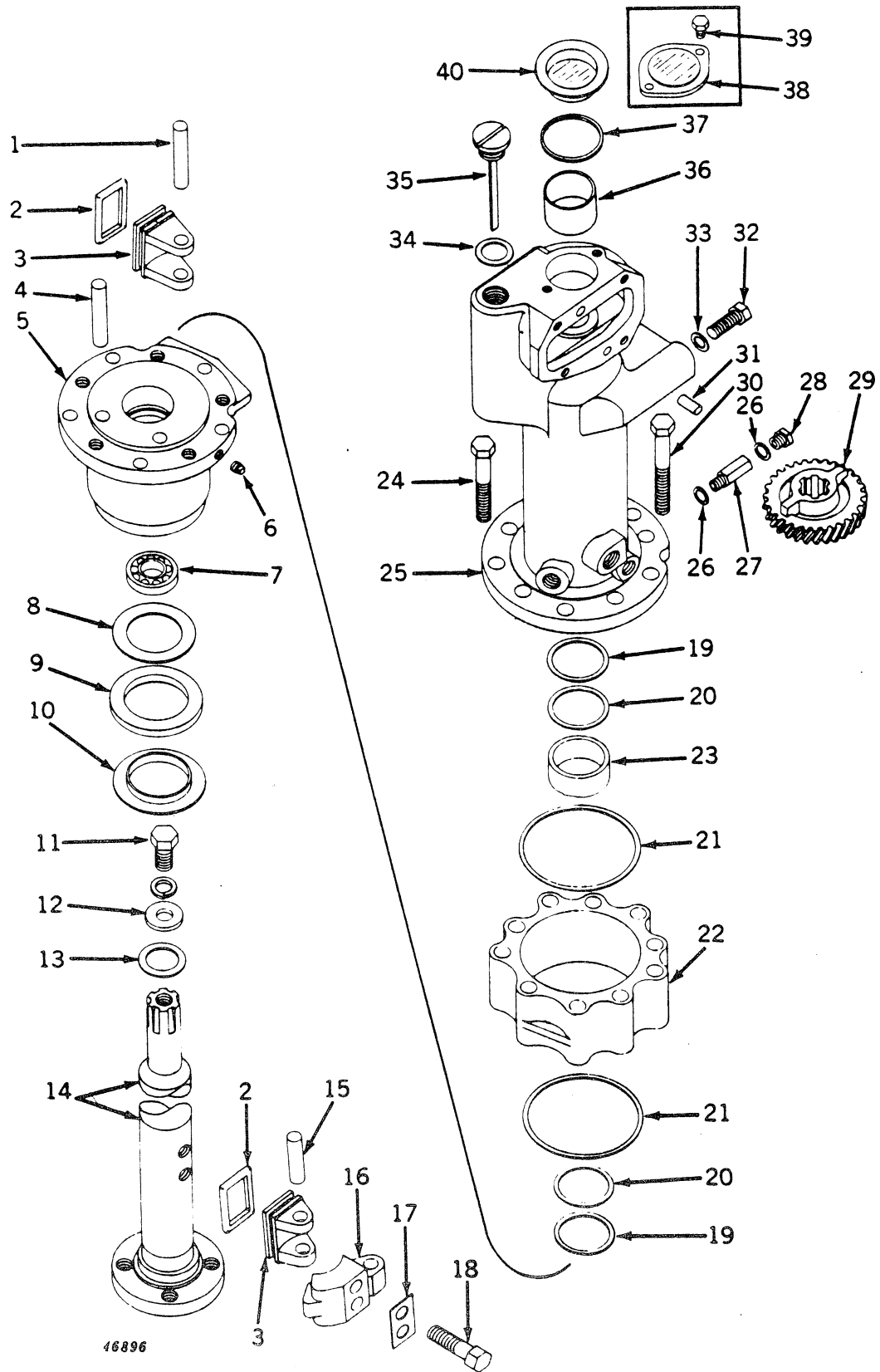


STEERING VALVE ASSEMBLY (Power Steering) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	F 1735 R	( -7031299 )	Gasket (sub. F2321R)
	F 2321 R	(7031300- )	Gasket (packed 5 in a pkg.)
2A	F 1731 R	( -7031299 )	Arm, steering valve
2B	F 2323 R	(7031300- )	Arm, steering valve
3	12H 303	( " )	Washer, lock, 5/16"
4	14H 785	( " )	Nut, 5/16"
5A	F 1728 R	( -7031299 )	Housing, steering valve
5B	F 2320 R	(7031300- )	Housing, steering valve
6	F 1739 R	( " )	Valve, flow control
7	F 1740 R	( " )	Spring
8	19H 1732	( -7031299 )	Screw, cap, high-strength, 3/8" x 1-1/4" (sub. for F2273R)
	19H 1731	(7031300- )	Screw, cap, high-strength, 3/8" x 1"
	19H 1179	( " )	Screw, cap, high-strength, 3/8" x 1-3/4", in lower R.H. front hole (sub. for F2274R)
	12H 304	( " )	Washer, lock, 3/8" (2 used)
9	24H 1652	( " )	Washer, 13/32" x 11/16" x .105" (4 used)
10	19H 1800	( " )	Screw, cap, high-strength, 3/8" x 1-1/2" (2 used)
	12H 304	( " )	Washer, lock, 3/8" (2 used)
11	F 1741 R	( " )	Screw, adjusting
12	A 5364 R	( " )	Washer, aluminum (2 used) (packed 5 in a pkg.)
13	14H 732 R	( " )	Nut, jam, 3/8"
14	B 427 R	( " )	Nut, cap
15	F 1729 R	( " )	Valve, steering
16	21H 1133	( " )	Screw, mach., 5/16" x 1-1/4"
17	F 1734 R	( " )	Gasket (packed 5 in a pkg.)
18	R 20214 R	( " )	Plug (sub. for F1733R)
19	R 463 R	(7031300- )	Washer, copper, steering flow control valve stop screw (packed 5 in a pkg.)
20	F 2372 R	(7031300- )	Screw, special cap, steering flow control valve stop
21	A 4546 R	( " )	Spring
22	F 2232 R	(7022220- )	Valve, steering pump
23	F 2371 R	(7031300- )	Sleeve, relief valve (on 7017500-7031299, also furnish two 24H1303 washers)
24	R 1820 R	(7031300- )	Washer, relief valve adjusting (6 used)
25	24H 1303	(7031300- )	Washer, 13/32" x 11/16" x .060" (2 used)
26	H 294 R	(7031300- )	Gasket (packed 2 in a pkg.)
27	AF 3799 R	(7031300- )	Plug, relief valve (sub. for F2317R)



# PEDESTAL AND STEERING SPINDLE (Power Steering) (Serial No. 7017500-)

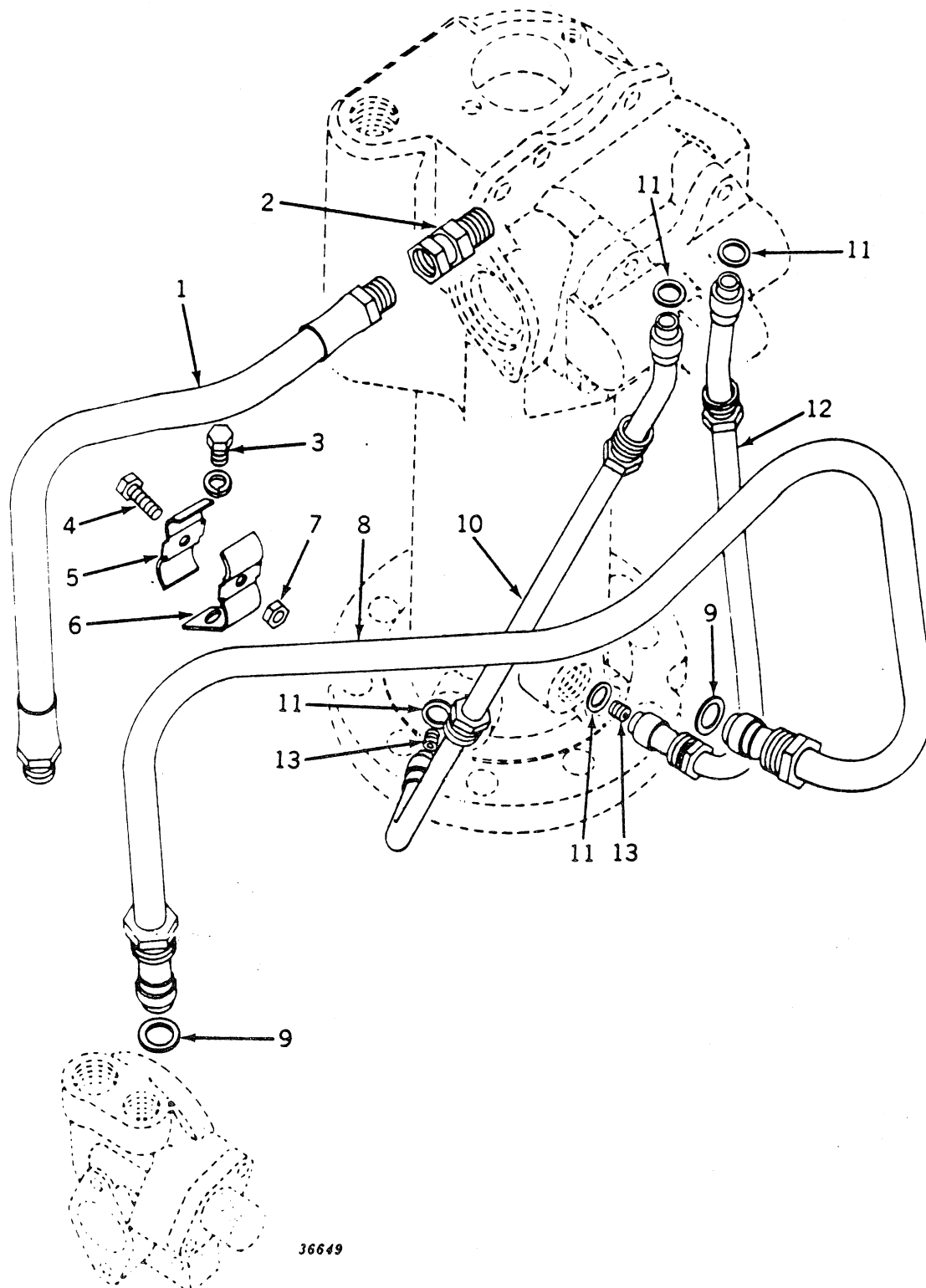


**PEDESTAL AND STEERING SPINDLE (Power Steering) -- Continued**  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	R 21129 R	( - )	Pin, steering vane (sub. for F1701R)
2	R 1697 R	( - )	Packing, steering vane (2 used) (packed 5 in a pkg.)
3	F 1696 R	( - )	Vane, steering (2 used)
4	R 21129 R	( - )	Pin, steering spindle stop (sub. for F1701R)
5	F 1651 R	( - )	Quill, steering spindle
6	15H 253	( - )	Plug, pipe, 1/8"
7	JD 7679	( - )	Bearing
8	A 1129 R	( - )	Washer
9	A 1131 R	( - )	Washer, cork
10	A 1130 R	( - )	Retainer
11	19H 1798	( - )	Screw, cap, high-strength, 3/4" x 1-3/4"
	12H 236	( - )	Washer, lock, 3/4"
12	24H 1402	( - )	Washer, 25/32" x 1-7/8" x .250"
13	D 467 R	( - )	Washer (3 used)
	R 34757	( - )	Washer, 1-1/2" x 2-1/4" x .018"
14	AF 2395 R	( - )	Spindle, steering with A1130R retainer (sub. for F1652R) (sub. AF3713R, AF3714R, two 19H1862)
15	F 1700 R	( - )	Pin, steering vane
16	F 1698 R	( - )	Bracket, steering vane
17	F 1699 R	( - )	Plate, lock (packed 2 in a pkg.)
18	A 5165 R	( - )	Screw, special (2 used)
19	F 1695 R	( - )	Gasket (2 used) (packed 5 in a pkg.)
20	F 3450 R	( - )	O-ring (2 used) (packed 2 in a pkg.) (sub. for F1319R)
21	F 1694 R	( - )	Gasket, rubber (2 used) (packed 5 in a pkg.)
22	F 1693 R	( - )	Cylinder, steering
23	F 2278 R	( - )	Bushing (sub. for F1692R)
24	19H 1923	( - )	Screw, cap, high-strength, 5/8" x 5-1/2" (5 used)
25	AF 1927 R	( -7031299)	Pedestal, F1650R, with bushings and dowel pins (sub. AF2330R) (also furnish one AA6305R grille center plate, and two 24H1106 washers)
	AF 2330 R	(7031300- )	Pedestal, F2303R, with bushings and dowel pins
26	R 229 R	( - )	Washer (2 used) (packed 2 in a pkg.)
27	F 2213 R	( - )	Connector, reservoir drain
28	R 228 R	( - )	Plug, reservoir drain
29	A 4413 R	( -7031299)	Gear, steering (sub. F2337R on power steering only)
	F 2337 R	(7031300- )	Gear, steering
30	F 2234 R	( - )	Screw, cap, 5/8" x 6-1/2" (5 used)
31	A 120 R	( - )	Pin, dowel (2 used) (packed 2 in a pkg.)
32	19H 1756	( - )	Screw, cap, high-strength, 5/8" x 1-1/2" (2 used)
33	B 2274 R	( - )	Washer (2 used) (packed 2 in a pkg.)
34	F 1705 R	( - )	Gasket (packed 5 in a pkg.)
35	AF 3746 R	( - )	Plug, reservoir, filler, with rod (sub. for AF1928R)
36	F 340 R	( - )	Bushing
37	A 4722 R	( - )	Gasket (packed 5 in a pkg.)
38	F 1708 R	( -7031299)	Cover
39	19H 1936	( -7031299)	Screw, cap, high-strength, 3/8" x 3/4" (2 used)
40	A 4962 R	(7031300- )	Cover

Part listed below is an assembly of some of the parts in this grouping.

AR 30476 R ( - ) Kit, power steering overhaul

OIL TUBES (Power Steering)  
(Serial No. 7017500- )

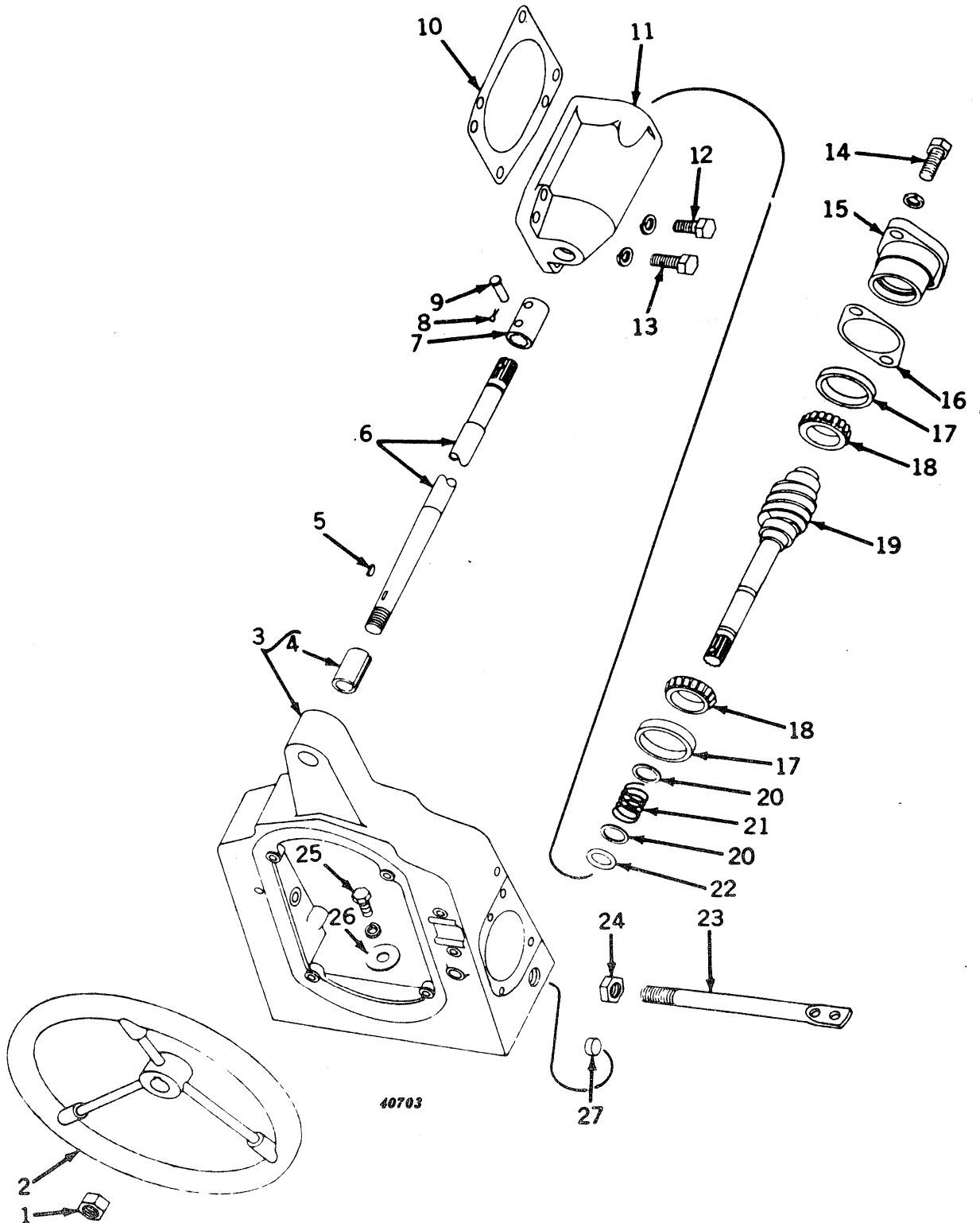
**OIL TUBES (Power Steering) -- Continued**  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AF 1922 R	( -7031299 )	Line, flexible oil, steering pump to control valve (sub. AA6294R)
	AA 6294 R	(7031300- )	Line, flexible oil, steering pump to control valve
2	JD 151	( - )	Union, adapter
3	19H 1936	( - )	Screw, cap, high-strength, 3/8" x 3/4" (sub. for F2272R)
	12H 304	( - )	Washer, lock, 3/8"
4	19H 1539	( - )	Screw, cap, high-strength, 1/4" x 1"
5	F 1682 R	( - )	Clamp, half
6	F 1683 R	( - )	Clamp, half
7	14H 786	( - )	Nut, 1/4"
8	AR 21028 R	( - )	Tube, oil, steering pump to reservoir (sub. for AF1921R)
9	F 2222 R	( - )	Gasket (2 used) (packed 5 in a pkg.) (sub. for F1681R)
10	AF 1931 R	( -7031299 )	Tube, oil, steering valve to pedestal, rear (sub. AF2346R)
	AF 2346 R	(7031300- )	Tube, oil, steering valve to pedestal, rear
11	F 2223 R	( - )	Gasket (4 used) (packed 5 in a pkg.) (sub. for F1713R)
12	AF 1930 R	( -7031299 )	Tube, oil, steering valve to pedestal, front (sub. AF2345R)
	AF 2345 R	(7031300- )	Tube, oil, steering valve to pedestal, front
13	F 1748 R	( -7031299 )	Plug, pipe, special, 3/8", with orifice (2 used)

Parts listed below are not illustrated.

AF 2235 R	( - )	Oil, tractor, power steering, special (1 qt.)
AF 3290 R	( - )	Oil, tractor, power steering (5 gallon)

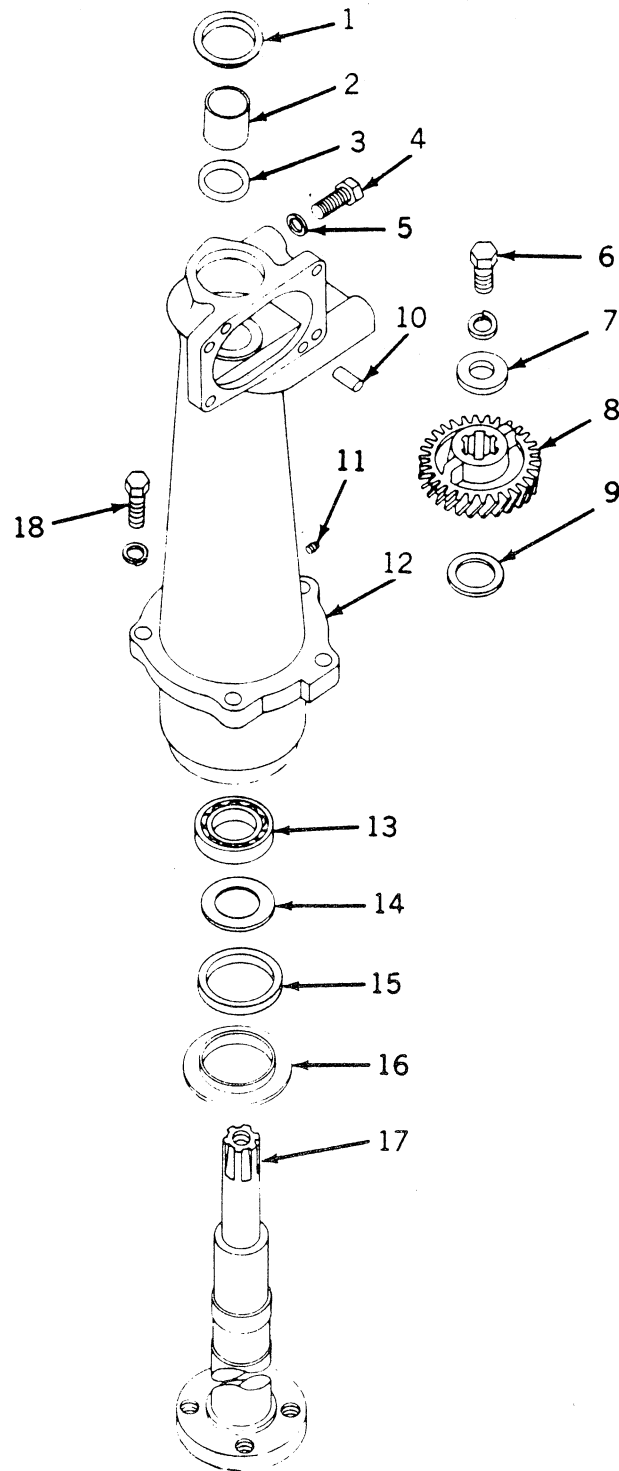
STEERING WHEEL AND SHAFT (Manual Steering)  
(Serial No. 7017500- )



STEERING WHEEL AND SHAFT (Manual Steering) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	14H 482	( - )	Nut, jam, 3/4"
2	AR 505 R	( - )	Wheel, steering
3	AF 2691 R	( - )	Support, F1945R, steering shaft and hood end, with bushing (sub. for AF2048R)
4	A 1910 R	( - )	Bushing, steering shaft (packed 5 in a pkg.)
5	26H 17	( - )	Key, Woodruff, 3/16" x 7/8"
6	AF 2182 R	( - )	Shaft, steering, with nut
7	F 2159 R	( - )	Coupling
8	11H 234	( - )	Pin, cotter, 3/32" x 1" (2 used)
9	F 1673 R	( - )	Pin (2 used)
10	A 4456 R	( - )	Shim, thin (packed 5 in a pkg.)
	A 4457 R	( - )	Shim, thick (sub. A4456R)
11	R 21059 R	( - )	Housing, steering worm (sub. for A4812R)
12	19H 1721	( - )	Screw, cap, high-strength, 1/2" x 1-1/2" (2 used)
	12H 301	( - )	Washer, lock, 1/2" (2 used)
13	19H 1815	( - )	Screw, cap, high-strength, 1/2" x 1-1/4" (2 used)
	12H 301	( - )	Washer, lock, 1/2" (2 used)
14	19H 456	( - )	Screw, cap, high-strength, 1/2" x 1-3/8" (2 used)
	12H 301	( - )	Washer, lock, 1/2" (2 used)
15	A 4455 R	( - )	Housing, Bearing
16	A 2159 R	( - )	Shim, thin (use as required) (packed 5 in a pkg.) (sub. for A2160R and A2161R)
17	JD 7253	( - )	Cup, bearing (2 used)
18	JD 8172	( - )	Cone, with rollers (2 used)
19	AF 2184 R	( - )	Worm, steering
20	24H 1439	( - )	Washer, 1" x 1-3/8" x .060" (2 used)
21	A 4813 R	( - )	Spring
22	R 495 R	( - )	O-ring (packed 5 in a pkg.)
23	A 4465 R	( - )	Support, lamp (2 used) (except standard)
24	C 985 R	( - )	Nut, jam, 7/8" (2 used) (except standard) (packed 5 in a pkg.)
25	19H 1978	( - )	Screw, cap, 7/16" x 1-1/2" (2 used)
	12H 293	( - )	Washer, lock, 7/16" (2 used)
	19H 1978	(7031300- )	Screw, cap, high-strength, 7/16" x 1-1/2"
	19H 1899	(7031300- )	Screw, cap, high-strength, 7/16" x 2"
26	24H 1331	( - )	Washer, 15/32" x 1-3/8" x .180"
27	F 1608 R	( - )	Plug (2 used) (standard)

PEDESTAL AND STEERING SPINDLE (Manual Steering)  
(Serial No. 7017500- )



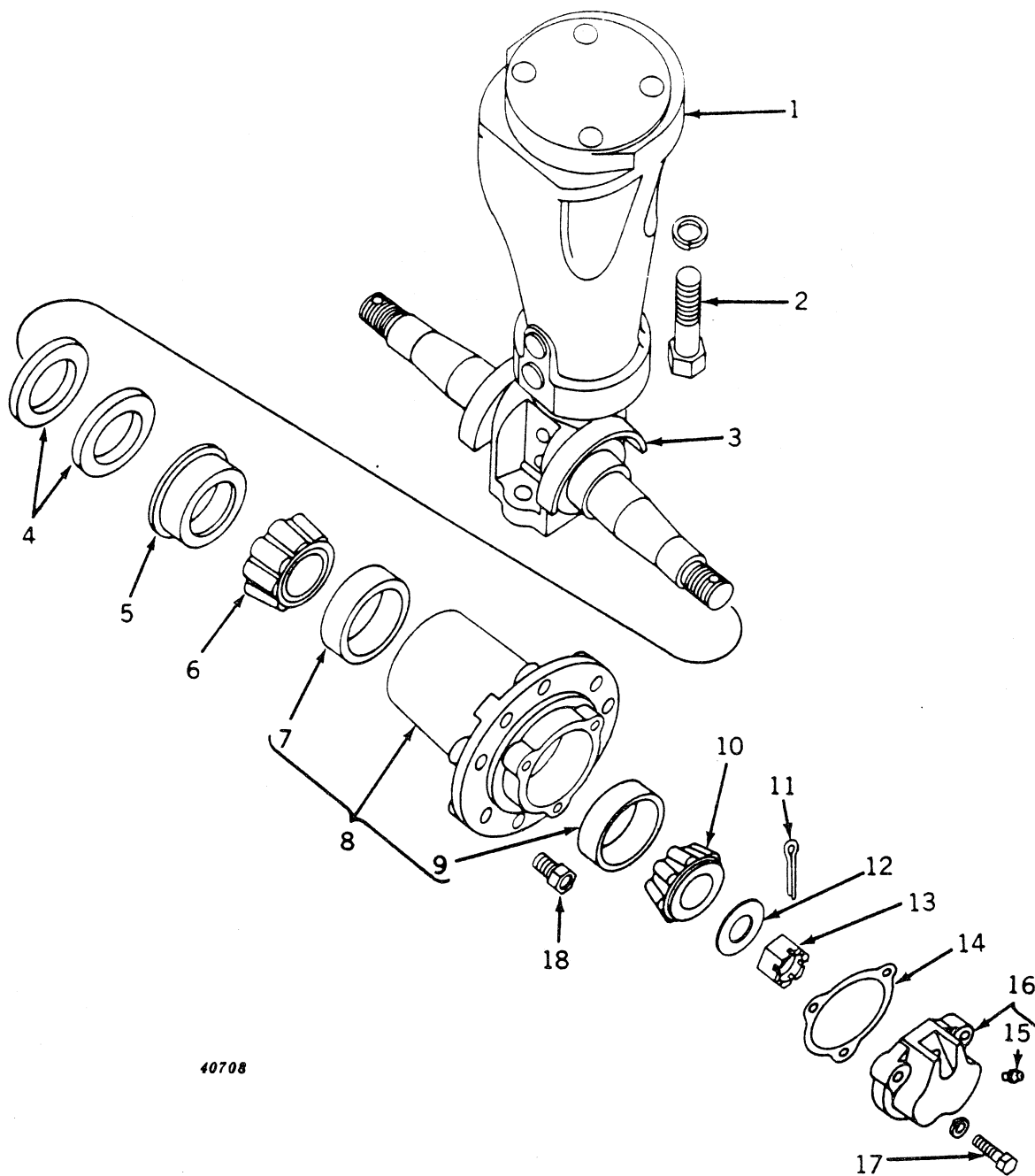
40706

PEDESTAL AND STEERING SPINDLE (Manual Steering) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	A 4962 R	( " )	Cover
2	A 4539 R	( " )	Bushing
3	A 4540 R	( " )	O-ring (packed 2 in a pkg.)
4	19H 1756	( " )	Screw, cap, high-strength, 5/8" x 1-1/2" (2 used)
5	B 2274 R	( " )	Washer (2 used) (packed 2 in a pkg.)
6	19H 1798	( " )	Screw, cap, high-strength, 3/4" x 1-3/4"
	12H 236	( " )	Washer, lock, 3/4"
7	24H 1402	( " )	Washer
8	F 1200 R	( " )	Gear, steering
9	D 467 R	( " )	Washer (3 used)
	R 34757	( " )	Washer, 1-1/2" x 2-1/4" x .018"
10	A 120 R	( " )	Pin, dowel (2 used)
11	15H 253	( " )	Plug, pipe, 1/8"
12	AA 5130 R	( " )	Pedestal, A4415R, with dowel pins and bushing (sub. AA6305R, AF3241R, and two 24H1106)
13	JD 7679	( " )	Bearing
14	A 1129 R	( " )	Washer
15	A 1131 R	( " )	Washer, cork (packed 5 in a pkg.)
16	A 1130 R	( " )	Retainer
17	A 4707 R	( " )	Spindle, steering
18	19H 1734	( " )	Screw, cap, 5/8" x 2" (5 used)
	12H 294	( " )	Washer, lock, 5/8" (5 used)



DOUBLE FRONT WHEEL (Convertible Front End)  
(Serial No. 7017500- )

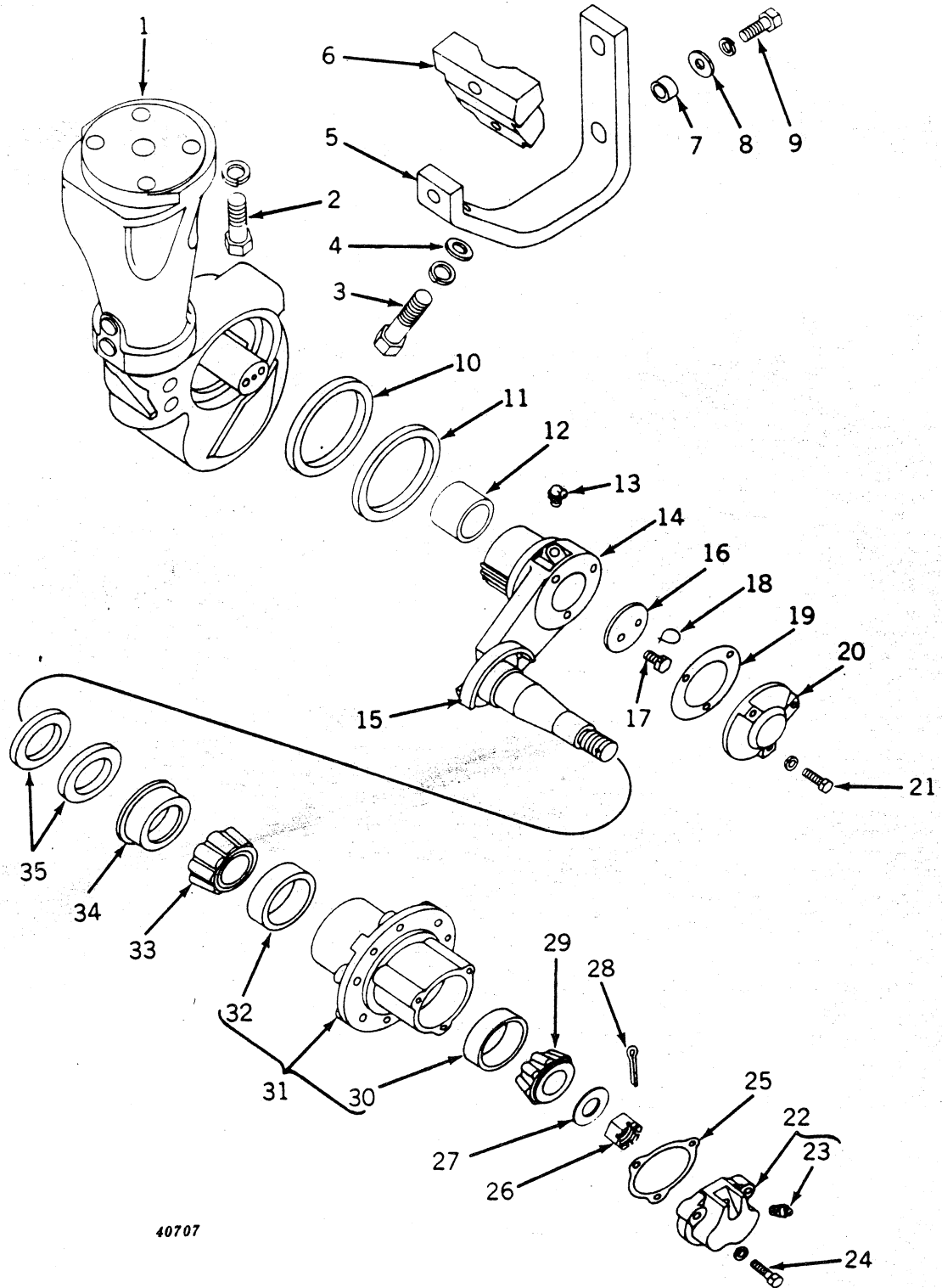


40708

DOUBLE FRONT WHEEL (Convertible Front End) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AA 5599 R	( - )	Extension, A4706R, spindle, with double knuckle and dust excluder
2	19H 1862	( - )	Screw, cap, high-strength, 3/4" x 2-1/2" (4 used)
	12H 236	( - )	Washer, lock, 3/4" (4 used)
3	A 1421 R	( - )	Excluder, dust (2 used)
4	D 636 R	( - )	Washer, felt (set of 2) (2 used) (sub. for AA663R)
5	D 635 R	( - )	Retainer, felt (2 used)
6	JD 7224	( - )	Cone, with rollers (2 used)
7	JD 7270	( - )	Cup, bearing (2 used)
8	AA 4721 R	( - )	Hub, A3004R, with cups (2 used)
9	JD 7266	( - )	Cup, bearing (2 used)
10	JD 8186	( - )	Cone, with rollers (2 used)
11	11H 222	( - )	Pin, cotter, 3/16" x 1" (2 used)
12	A 5146 R	( - )	Washer (2 used)
13	14H 540	( - )	Nut, slotted, 1"
14	A 1556 R	( - )	Gasket (2 used) (packed 5 in a pkg.)
15	JD 7759	( - )	Fitting, grease, straight, 1/8" (2 used)
16	A 1555 R	( - )	Cap, hub (2 used) (sub. for AA1407R)
17	19H 1758	( - )	Screw, cap, high-strength, 5/16" x 1-1/4" (6 used) (sub. for F2270R)
	24H 1136	( - )	Washer, 17/32" x 11/16" x .060" (6 used)
18	JD 19	( - )	Bolt (12 used) (packed 20 in a pkg.)
Parts listed below are not illustrated.			
	R 20118 R	( - )	Pin, steering spindle extension (sub. for A4040R)
	17H 203	( - )	Rivet in double knuckle, 1/2" x 3-3/4"
	17H 249	( - )	Rivet in steering spindle extension, 1/2" x 5" (2 used)

# ROLL-O-MATIC FRONT WHEEL (Convertible Front End) (Serial No. 7017500- )

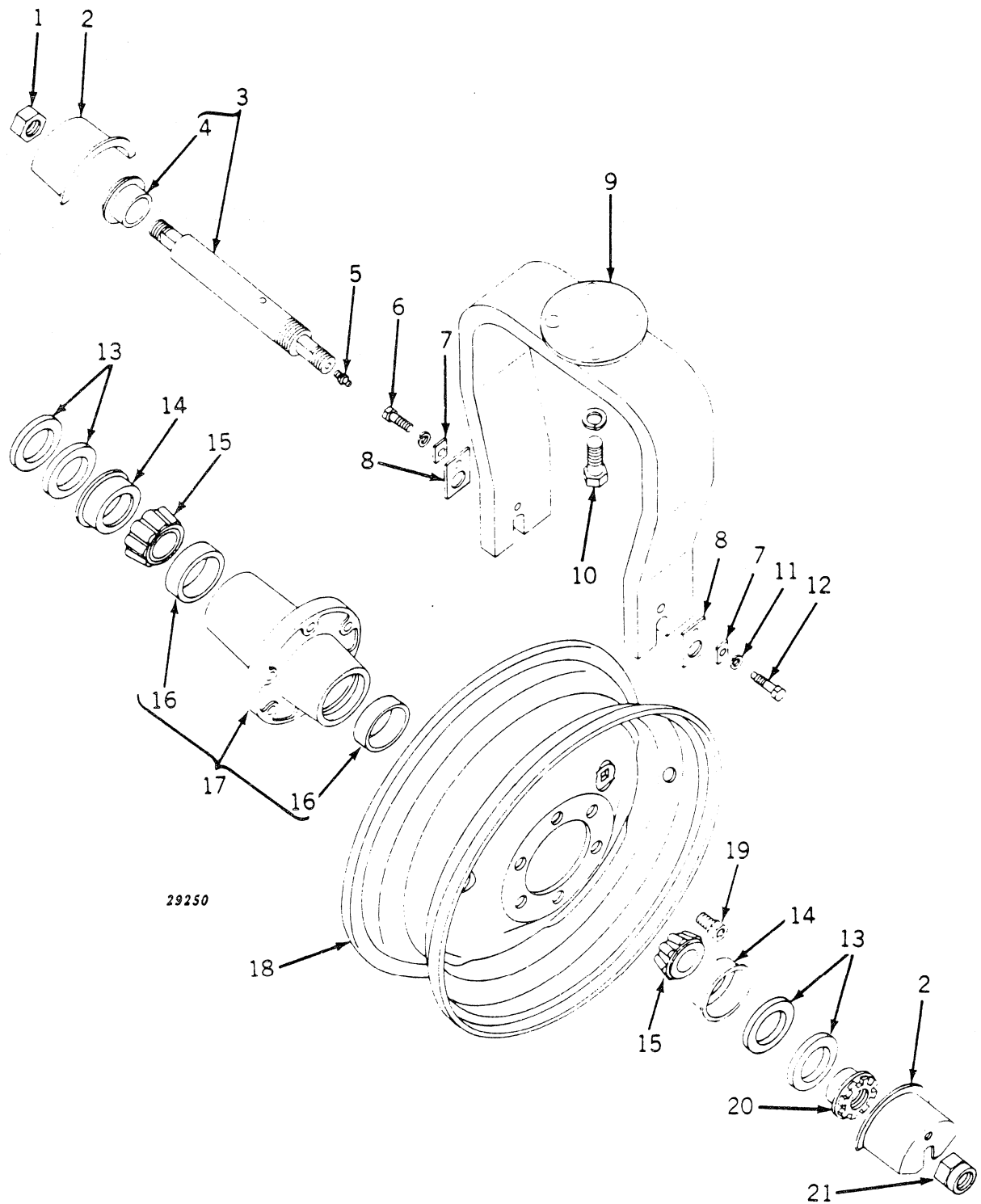


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ROLL-O-MATIC FRONT WHEEL (Convertible Front End) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AR 28247 R	( - )	Extension, A4201R, spindle, with knuckle bushing (sub. for AA4935R)
2	19H 1862	( - )	Screw, cap, high-strength, 3/4" x 2-1/2" (4 used)
	12H 236	( - )	Washer, lock, 3/4" (4 used)
3	19H 1356	( - )	Screw, cap, high-strength, 5/8" x 1-3/4" (2 used)
	12H 294	( - )	Washer, lock, 5/8" (2 used)
4	24H 1106	( - )	Washer, 11/16" x 1-3/4" x .134" (2 used)
5	A 4118 R	( - )	Support, lock
6	A 4117 R	( - )	Lock
7	A 4119 R	( - )	Spacer (2 used)
8	24H 1211	( - )	Washer, 9/16" x 1-3/8" x .105" (2 used)
9	19H 1777	( - )	Screw, cap, high-strength, 1/2" x 1-3/4" (2 used)
	12H 301	( - )	Washer, lock, 1/2" (2 used)
10	A 3474 R	( - )	Washer, felt (2 used) (sub. for AA4100R)
11	A 3475 R	( - )	Retainer, felt (2 used)
12	AA 4074 R	( - )	Bushing (pkg. of 4) (4 used)
13	JD 7778	( - )	Fitting, grease (2 used)
14	AA 4097 R	( - )	Knuckle, A3471R, with dust excluder and nut, R.H.
	AA 4098 R	( - )	Knuckle, A3472R, with dust excluder and nut, L.H.
15	A 1421 R	( - )	Excluder, dust (2 used)
16	A 3476 R	( - )	Washer, thrust (2 used)
17	D 916 R	( - )	Screw, cap, 3/8" x 3/4" (drilled) (4 used)
18	.....	( - )	Wire, 16 gauge x 6" long (2 used)
19	A 3478 R	( - )	Gasket (2 used) (packed 2 in a pkg.)
20	A 3477 R	( - )	Cap, knuckle (2 used)
21	19H 1905	( - )	Screw, cap, high-strength, 5/16" x 1" (6 used)
	12H 303	( - )	Washer, lock, 5/16" (6 used)
22	A 1555 R	( - )	Cap, hub, (2 used) (sub. for AA1407R)
23	JD 7759	( - )	Fitting, grease, straight, 1/8" (2 used)
24	19H 1758	( - )	Screw, cap, high-strength, 5/16" x 1-1/4" (6 used) (sub. for F2270R)
	12H 303	( - )	Washer, lock, 5/16" (6 used)
25	A 1556 R	( - )	Gasket (2 used) (packed 5 in a pkg.)
26	14H 540 R	( - )	Nut, slotted, 1" (2 used)
27	A 5146 R	( - )	Washer (2 used)
28	11H 222	( - )	Pin, cotter, 3/16" x 1"
29	JD 8186	( - )	Cone, with rollers (2 used)
30	JD 7266	( - )	Cup, bearing (2 used)
31	AA 4099 R	( - )	Hub, A3479R, with bearing cups (2 used)
32	JD 7270	( - )	Cup, bearing (2 used)
33	JD 7224	( - )	Cone, with rollers (2 used)
34	D 635 R	( - )	Retainer, felt (2 used)
35	D 636 R	( - )	Washer, felt (2 used) (sub. for AA663R)
Parts listed below are not illustrated.			
	R 20118 R	( - )	Pin, steering spindle extension (sub. for A4040R)
	17H 204	( - )	Rivet in roll-o-matic housing, 1/2" x 3-3/8"
	17H 249	( - )	Rivet in steering spindle extension, 1/2" x 5" (2 used)

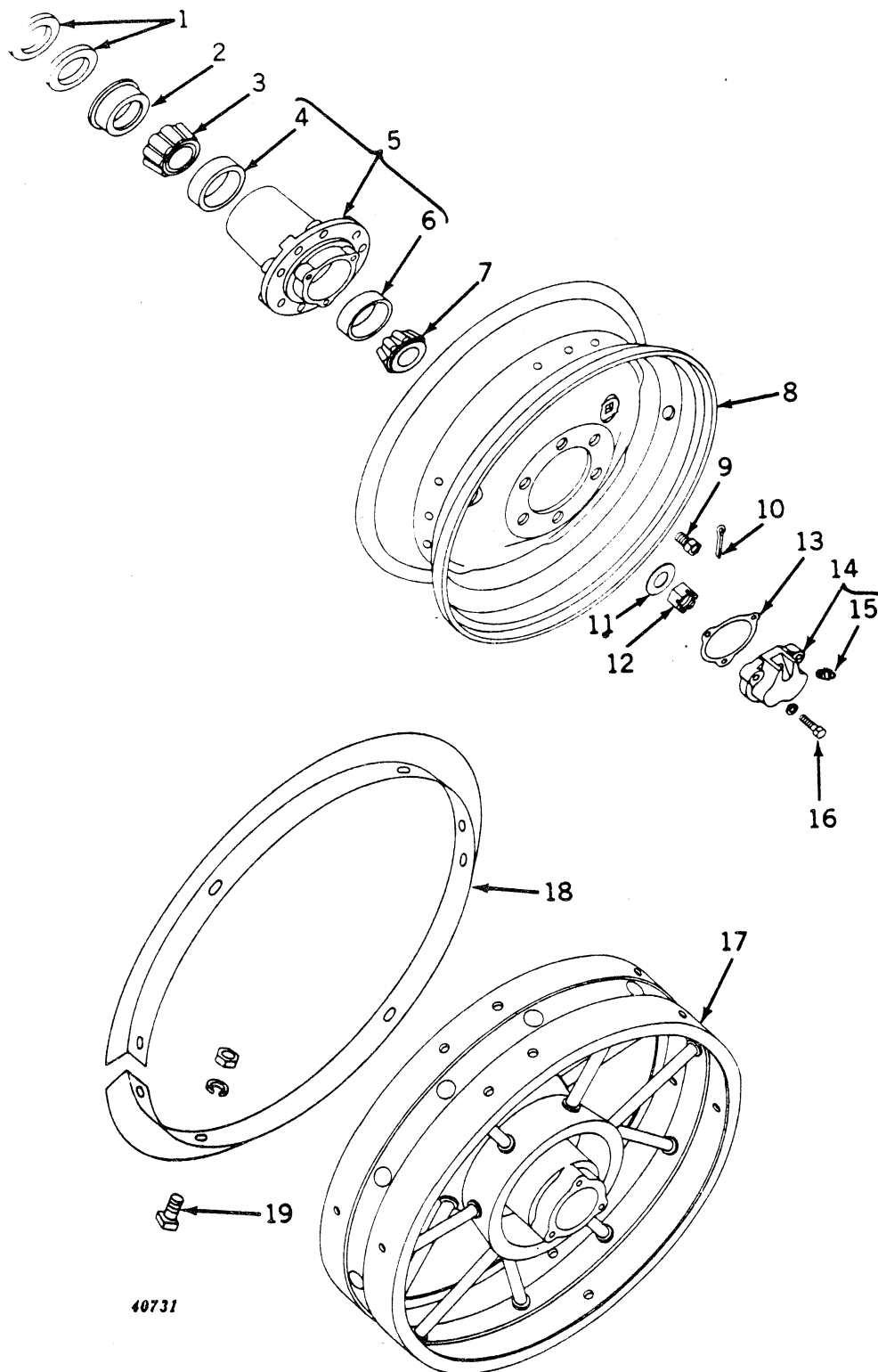
SINGLE FRONT WHEEL (Convertible Front End)  
(Serial No. 7017500- )



SINGLE FRONT WHEEL (Convertible Front End) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	14H 876	( - )	Nut, jam, 1"
2	H 773 R	( - )	Shield, dust (2 used)
3	AB 4259 R	( - )	Axle, with bearing spacer and nuts
4	B 2683 R	( - )	Spacer, bearing
5	JD 7759	( - )	Fitting, grease, straight, 1/8"
6	F 2273 R	( - )	Screw, cap, high-strength, 3/8" x 1-1/4"
	12H 304	( - )	Washer, lock, 3/8"
7	B 549 R	( - )	Plate, lock, front axle nut (2 used) (packed 2 in a pkg.)
8	H 771 R	( - )	Plate, lock, front axle (2 used)
9	AR 28242 R	( - )	Yoke, with cap screws and axle (sub. for AA4256R or AF3169R)
10	19H 1363	( - )	Screw, cap, high-strength, 3/4" x 1-7/8" (4 used)
	12H 236	( - )	Washer, lock, 3/4" (4 used)
11	12H 304	( - )	Washer, lock, 3/8"
12	B 2680 R	( - )	Screw, cap, 3/8" x 1-5/8" (do not substitute)
13	B 90 R	( - )	Washer, felt (pkg. of 2) (4 used) (sub. for AB474R)
14	B 89 R	( - )	Retainer, felt (2 used)
15	JD 7222	( - )	Cone, with rollers (2 used)
16	JD 7266	( - )	Cup, bearing (2 used)
17	AA 5303 R	( - )	Hub, A4599R, with cups
18	JD 639	( - )	Wheel, steel disk (7.50 x 16, 10-ply tire)
19	JD 17	( - )	Bolt (6 used) (packed 20 in a pkg.)
20	B 548 R	( - )	Nut, bearing adjusting
21	B 551 R	( - )	Nut, front axle

FRONT WHEELS (Except Single Front Wheel)  
(Serial No. 7017500- )



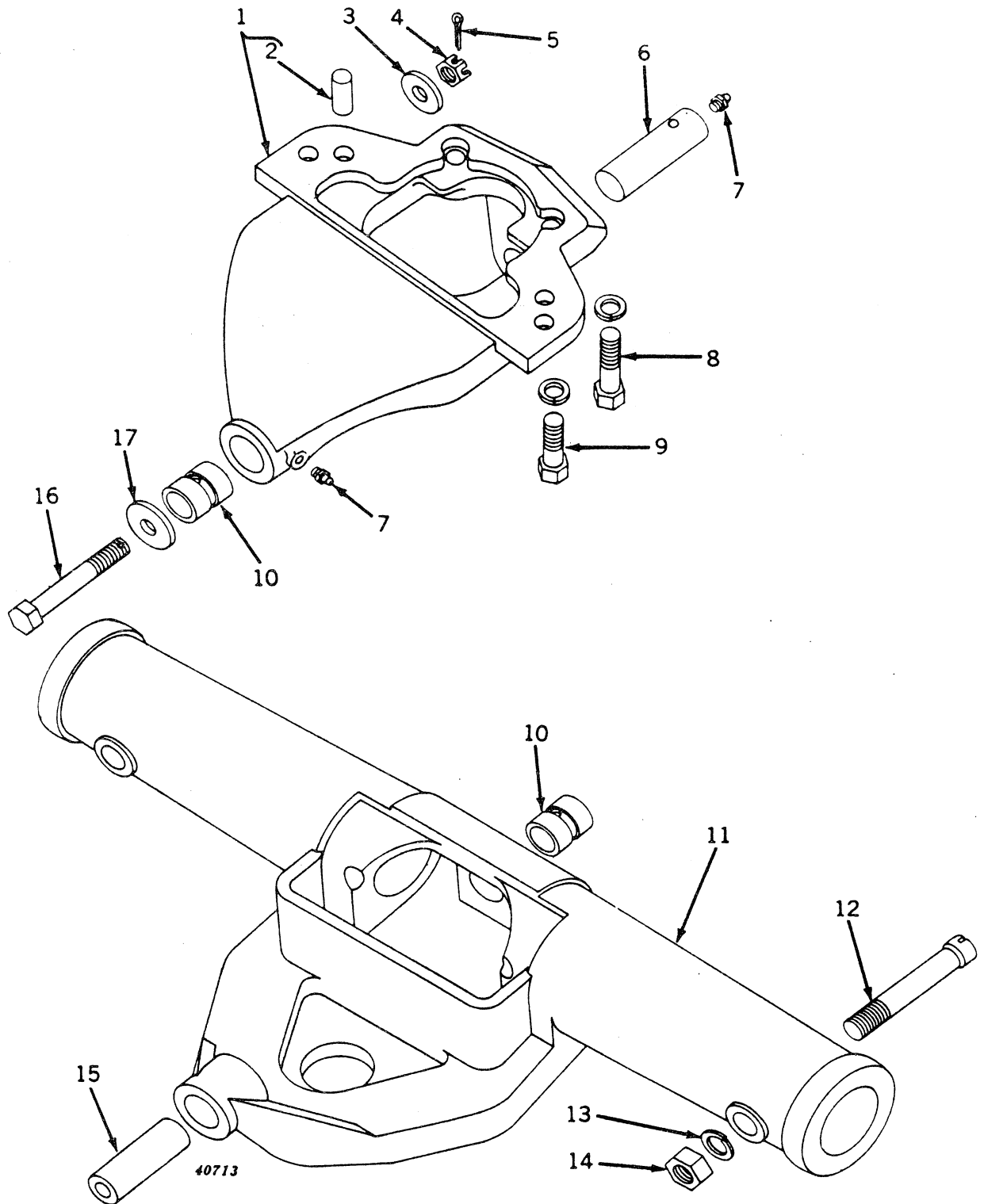
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**FRONT WHEELS (Except Single Front Wheel) -- Continued**  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	D 636 R	( - )	Washer, felt (2 used) (except standard) (sub. for AA663R)
	R 3 R	( - )	Washer, felt (2 used) (standard) (sub. for AR573R)
2	D 635 R	( - )	Retainer, felt (except standard)
	R 2 R	( - )	Retainer, felt (standard)
3	JD 7224	( - )	Cone, with rollers (except standard)
	JD 8133	( - )	Cone, with rollers (standard)
4	JD 7270	( - )	Cup, bearing (except standard)
	JD 7278	( - )	Cup, bearing (standard)
5	AA 4099 R	( - )	Hub, A3479R, with cups (for roll-o-matic and 48" to 80" tread)
	AA 4721 R	( - )	Hub, A3004R, with cups (for double knuckle)
	AF 912 R	( - )	Hub, F843R, with cups (for 56" to 80" tread and 38" fixed tread)
	AR 358 R	( - )	Hub, R1R, with cups (standard)
6	JD 7266	( - )	Cup, bearing
7	JD 8186	( - )	Cone, with rollers
8	JD 1290	( - )	Wheel, disk and rim, less hub (for 6.00 x 16" 4- or 6-ply rubber tire) (except standard) (sub. for JD1274)
	JD 1276	( - )	Wheel, disk and rim, less hub (for 6.50 x 18" or 7.50 x 18" 4-ply rubber tires) (standard)
9	JD 19	( - )	Bolt (6 used) (packed 20 in a pkg.)
10	11H 222	( - )	Pin, cotter, 3/16" x 2"
11	A 5146 R	( - )	Washer
12	14H 540	( - )	Nut, slotted, 1"
13	A 1556 R	( - )	Gasket (packed 5 in a pkg.)
	C 677 R	( - )	Gasket (for spoke type wheel only) (packed 2 in a pkg.)
14	A 1555 R	( - )	Cap, hub (sub. for AA1407R)
	AC 119 R	( - )	Cap, C167R, hub, with grease fitting (for spoke type wheel only)
15	JD 7759	( - )	Fitting, grease, straight, 1/8"
16	19H 1758	( - )	Screw, cap, high-strength, 5/16" x 1-1/4" (3 used) (sub. for F 2270R)
	12H 303	( - )	Washer, lock, 5/16" (3 used)
	F 2273 R	( - )	Screw, cap, 3/8" x 1-1/4" (3 used) (for spoke type wheel only)
	12H 304	( - )	Washer, lock, 3/8" (3 used) (for spoke type wheel only)
17	AA 2345 R	( - )	Wheel, front, with bearing cups (steel spoke type) (for double knuckle) (no longer furnished)
	JD 1279	( - )	Wheel, front, less hub and bearing cups (steel spoke type) (standard)
18	AA 383 R	( - )	Band, front wheel guide (set of two AA777R)
	A 974 R	( - )	Band, guide (set of two) (standard) (use with JD1279) (sub. for AA664R)
19	AA 388 R	( - )	Bolts, guide band, with nuts and lock washers (pkg. of sixteen 19H1792, 12H301, and 14H809)
Parts listed below are not illustrated.			
	B 2016 R	( - )	WEIGHT, FRONT WHEEL (100 LB.)
	AB 4265 R	( - )	BOLTS (FOR PAIR OF B2016R) (PKG. OF SIX 19H1781, 12H301, 14H809, AND 24H1355)
	A 1826 R	( - )	WEIGHT, FRONT WHEEL (100 LB.) (FOR SPOKE TYPE WHEEL ONLY)
	AA 5590 R	( - )	BOLTS (FOR PAIR OF A1826R) (PKG. OF SIX A1828R, 12H294, 14H800, AND 24H1378)

Capital letters indicate an attachment. Attachments must be listed on separate order from replacement parts order.

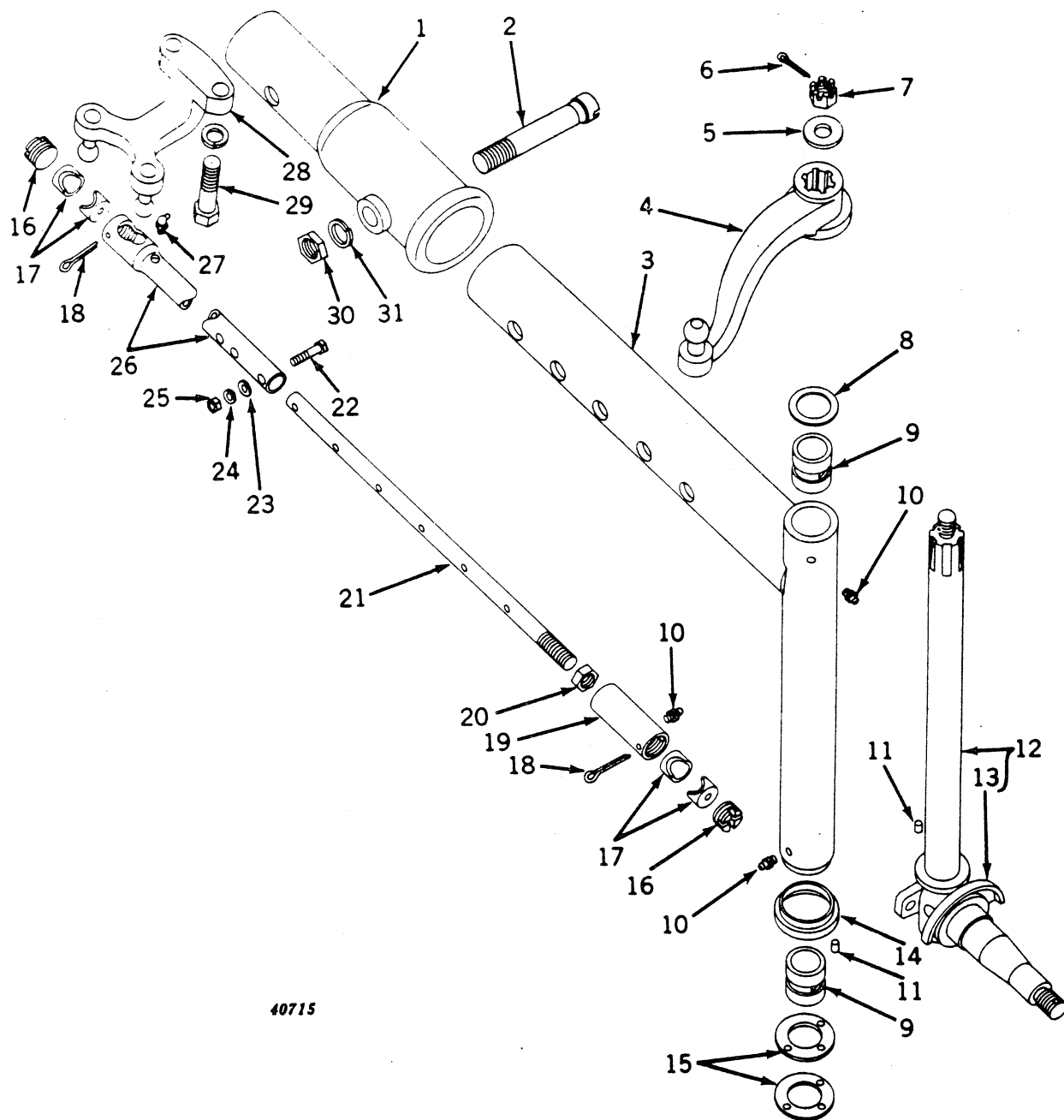


FRONT AXLE HOUSING ASSEMBLY (56- To 80-Inch Tread)  
(Serial No. 7017500- )

FRONT AXLE HOUSING ASSEMBLY (56- To 80-Inch Tread) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AF 968 R	( - )	Bracket, F862R, pivot, with pin and bushing
2	A 776 R	( - )	Pin, dowel (2 used)
3	24H 1402	( - )	Washer (sub. for D139R)
4	14H 902	( - )	Nut, slotted, 3/4"
5	11H 237	( - )	Pin, cotter, 1/8" x 2"
6	B 2688 R	( - )	Pin, pivot, front
7	JD 7759	( - )	Fitting, grease, straight, 1/8" (2 used)
8	19H 1455	( - )	Screw, cap, high-strength, 3/4" x 3-1/4" (2 used)
	12H 236	( - )	Washer, lock, 3/4" (2 used)
9	19H 1391	( - )	Screw, cap, high-strength, 3/4" x 2-1/4" (2 used)
	12H 236	( - )	Washer, lock, 3/4" (2 used)
10	A 877 R	( - )	Bushing (2 used) (sub. for AA5539R)
11	AF 1182 R	( - )	Housing, B2690R or F1018R, with pin and bushing
12	B 2694 R	( - )	Bolt, lock (2 used)
13	12H 234	( - )	Washer, lock, 1" (2 used)
14	14H 854	( - )	Nut, 1" (2 used)
15	B 2700 R	( - )	Pin, pivot, rear
16	H 27851 H	( - )	Screw, cap (sub. for B2697R or F2663R)
17	R 20136 R	( - )	Washer (sub. for D141R)

FRONT AXLE KNEE (56- To 80-Inch Tread)  
(Serial No. 7017500- )



**40715**

FRONT AXLE KNEE (56- To 80-Inch Tread) -- Continued  
(Serial No. 7017500- )

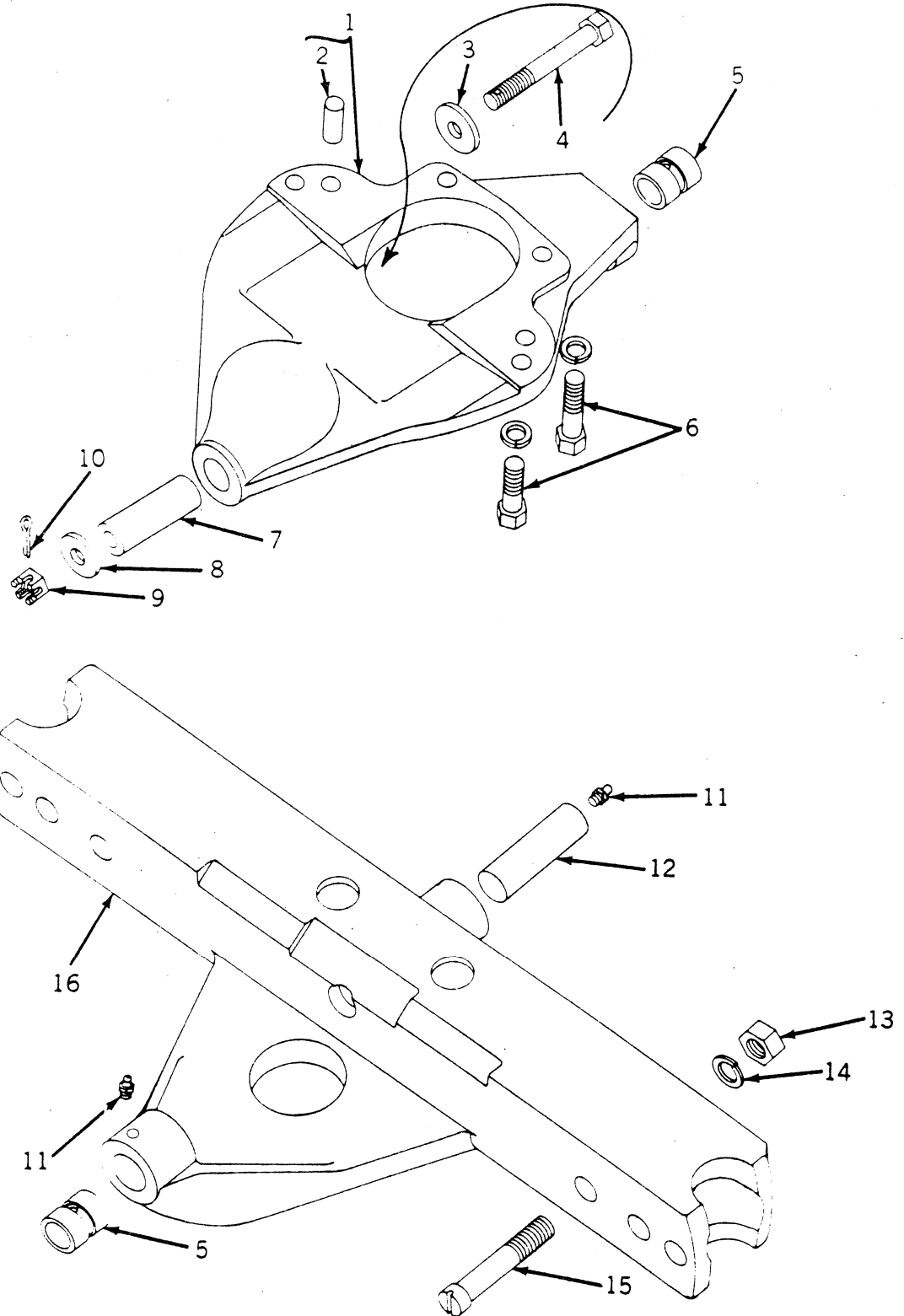
Key	Part No.	Serial No.	Description
1	B 2728 R	( - )	Extension, knee
2	B 2694 R	( - )	Bolt, lock
3	AA 5166 R	( - )	Knee, with bushings and dust shield (2 used)
4	AB 4685 R	( - )	Arm, steering, R. H.
	AB 4686 R	( - )	Arm, steering, L. H.
5	B 3310 R	( - )	Washer (2 used)
6	11H 237	( - )	Pin, cotter, 1/8" x 2" (2 used)
7	14H 902	( - )	Nut, slotted, 3/4" (2 used)
8	D 467 R	( - )	Washer (2 used)
9	A 877 R	( - )	Bushing (4 used) (sub. for AA5539R)
10	JD 7759	( - )	Fitting, grease, straight, 1/8" (6 used)
11	F 1743 R	( - )	Pin, dowel (4 used) (sub. for D186R) (packed 2 in a pkg.)
12	AA 5267 R	( - )	Knuckle, with spindle and dust excluder (2 used)
13	A 1424 R	( - )	Excluder, dust (2 used)
14	B 2693 R	( - )	Shield, dust (2 used)
15	A 890 R	( - )	Washer, thrust (4 used)
16	C 840 R	( - )	Screw, plug (4 used)
17	C 838 R	( - )	Bearing, ball stud (8 used) (packed 2 in a pkg.)
18	11H 237	( - )	Pin, cotter, 1/8" x 2" (4 used)
19	H 982 R	( - )	End, drag link (2 used)
20	C 985 R	( - )	Nut, jam, 7/8" (2 used) (packed 5 in a pkg.)
21	B 2696 R	( - )	Rod, drag link (2 used)
	B 2729 R	( - )	Rod, drag link (used with knee extension)
22	19H 134	( - )	Screw, cap, high-strength, 5/16" x 1-1/2" (4 used)
23	24H 1136	( - )	Washer, 11/32" x 11/16" x .060" (4 used)
24	12H 303	( - )	Washer, lock, 5/16" (4 used)
25	14H 785	( - )	Nut, 5/16" (4 used)
26	AF 1187 R	( - )	Sleeve, drag link (2 used)
27	JD 7750	( - )	Fitting, grease, 67-1/2°, 1/8" (2 used)
28	AB 3633 R	( - )	Arm, steering, with balls
29	19H 1968	( - )	Screw, cap, high-strength, 3/4" x 2" (2 used)
	12H 236	( - )	Lock, washer, 3/4" (2 used)
30	14H 854	( - )	Nut, 1"
31	12H 234	( - )	Washer, lock, 1"

Parts listed below are not illustrated.

AR21701R KNEE EXTENSION ON TRACTOR WITH 56-80" TREAD CONSISTING OF:

R 21570 R	( - )	Extension, knee
R 21572 R	( - )	Rod, drag link

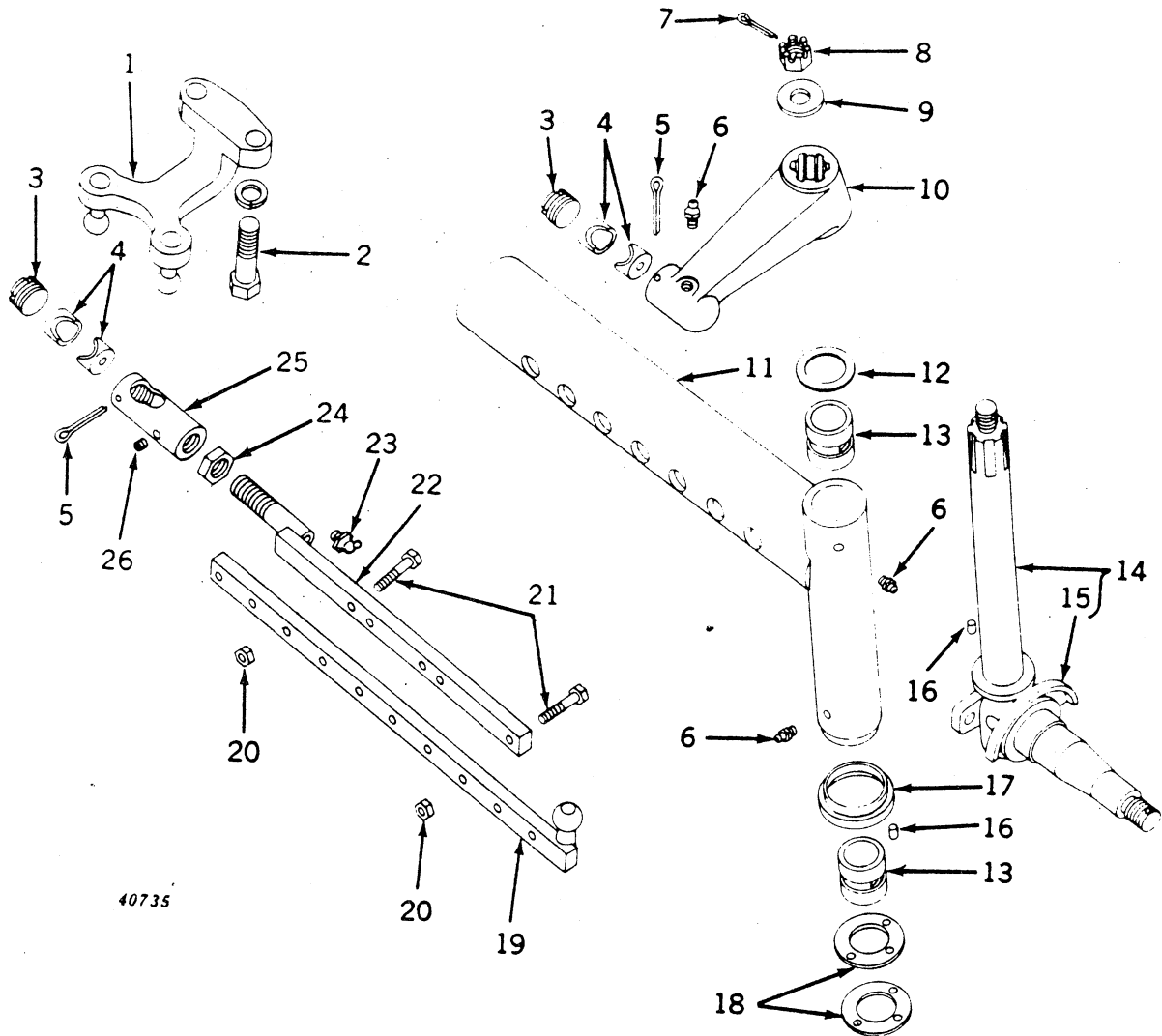
Capital letters indicate an attachment. Attachments must be listed on separate order from replacement parts order.

FRONT AXLE HOUSING ASSEMBLY (48- To 80-Inch Tread)  
(Serial No. 7017500- )

35692

FRONT AXLE HOUSING ASSEMBLY (48- To 80-Inch Tread) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AA 5765 R	( - )	Bracket, A4963R, pivot, with pin and bushing
2	A 776 R	( - )	Pin, dowel (2 used)
3	24H 1402	( - )	Washer (sub. for D139R)
4	H 27851 H	( - )	Screw, cap, high-strength (sub. for B2697R or F2663R)
5	A 877 R	( - )	Bushing (2 used) (sub. for AA5539R)
6	19H 1862	( - )	Screw, cap, high-strength, 3/4" x 2-1/2" (4 used)
	12H 236	( - )	Washer, lock, 3/4" (4 used)
7	B 2700 R	( - )	Pin, pivot
8	F 3607 R	( - )	Washer (sub. for A4975R)
9	14H 1902	( - )	Nut, slotted, 3/4"
10	11H 237	( - )	Pin, cotter, 1/8" x 2"
11	JD 7759	( - )	Fitting, grease, straight, 1/8" (2 used)
12	B 2688 R	( - )	Pin, pivot, front
13	14H 854	( - )	Nut, 1" (2 used)
14	12H 234	( - )	Washer, lock, 1" (2 used)
15	B 2694 R	( - )	Bolt, lock (2 used) (sub. for B2846R)
16	AA 5766 R	( - )	Housing, A4964R, with pin and bushing

FRONT AXLE KNEE (48- To 80-Inch Tread)  
(Serial No. 7017500- )

FRONT AXLE KNEE (48- To 80-Inch Tread) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AB 3633 R	( - )	Arm, steering, with balls
2	19H 1768	( - )	Screw, cap, high-strength, 3/4" x 2" (2 used)
	12H 236	( - )	Washer, lock, 3/4" (2 used)
3	C 840 R	( - )	Screw, plug (4 used)
4	C 838 R	( - )	Bearing, ball stud (8 used) (packed 2 in a pkg.)
5	11H 49	( - )	Pin, cotter, 1/8" x 2" (4 used)
6	JD 7759	( - )	Fitting, grease, straight, 1/8" (6 used)
7	11H 237	( - )	Pin, cotter, 1/8" x 2" (2 used)
8	14H 902	( - )	Nut, slotted, 3/4" (2 used)
9	B 3310 R	( - )	Washer (2 used)
10	A 4968 R	( - )	Arm, steering, R.H.
	A 4969 R	( - )	Arm, steering, L.H.
11	AA 5767 R	( - )	Knee, with bushings and dust shield (2 used)
12	D 467 R	( - )	Washer (2 used)
13	A 877 R	( - )	Bushing (4 used) (sub. for AA5539R)
14	AA 5789 R	( - )	Knuckle, with spinkle and dust excluder (2 used)
15	A 1424 R	( - )	Excluder, dust (2 used)
16	F 1743 R	( - )	Pin, dowel (4 used) (sub. for D186R)
17	B 2693 R	( - )	Shield, dust (2 used)
18	A 890 R	( - )	Washer, thrust (4 used)
19	AA 5771 R	( - )	Bar, drag link, outer, R.H.
	AA 5772 R	( - )	Bar, drag link, outer, L.H.
	F 1617 R	( - )	Ball
20	14H 812	( - )	Nut, 3/8" (4 used)
21	19H 1765	( - )	Screw, cap, high-strength, 3/8" x 1-3/4" (4 used)
22	AA 5773 R	( - )	Bar, drag link, inner, with end (2 used)
23	JD 7778	( - )	Fitting, grease, 67-1/2° (2 used)
24	C 985 R	( - )	Nut, jam, 7/8" (2 used) (packed 5 in a pkg.)
25	H 982 R	( - )	End, drag link (2 used)
26	15H 558 R	( - )	Pipe, plug, headless, 1/8" (2 used)

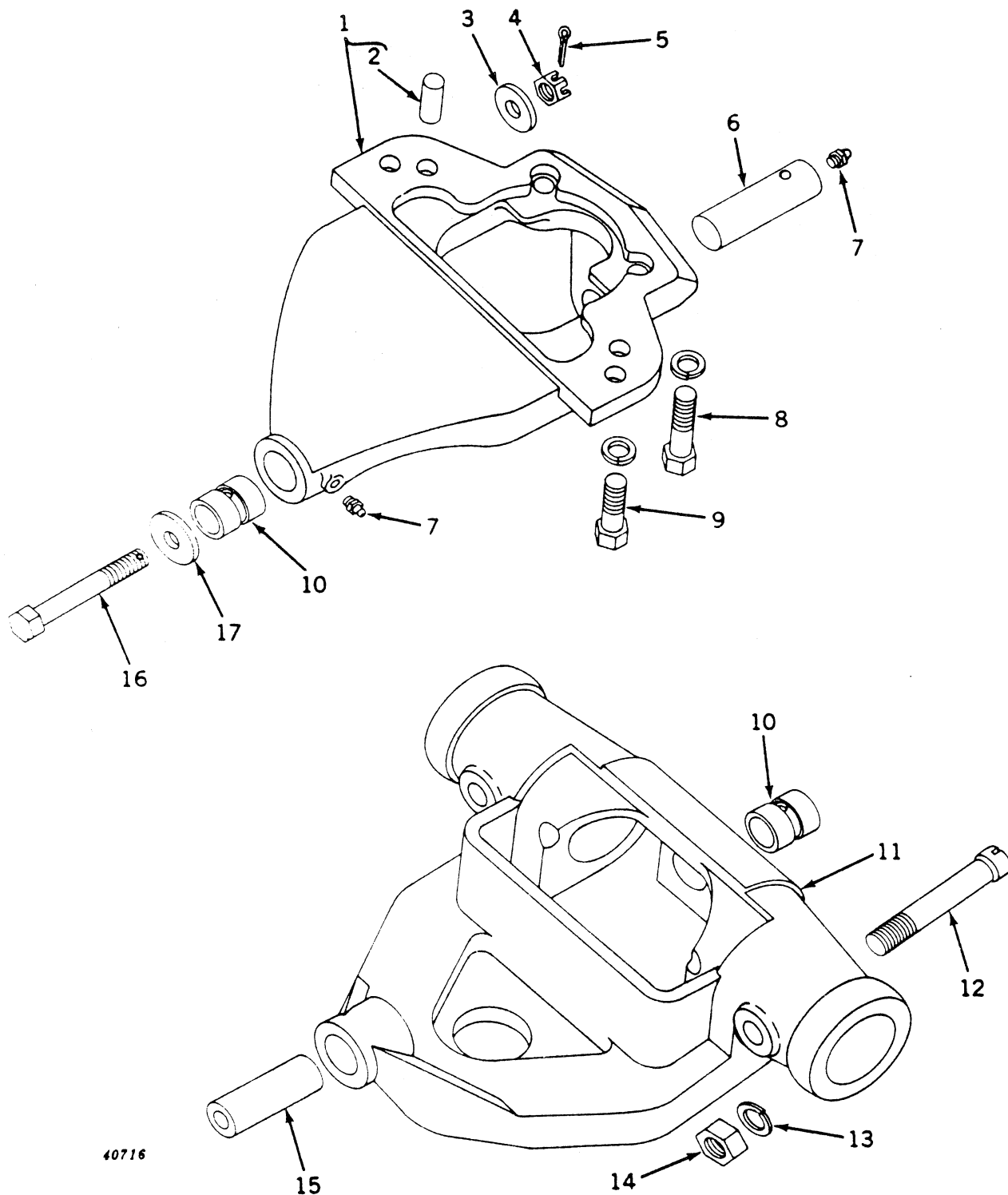
Parts listed below are not illustrated.

AR21700R KNEE EXTENSION ON TRACTOR WITH 48 TO 80" TREAD CONSISTING OF:

R 21570 R	( - )	Extension, knee
R 21571 R	( - )	Bar, drag link extension

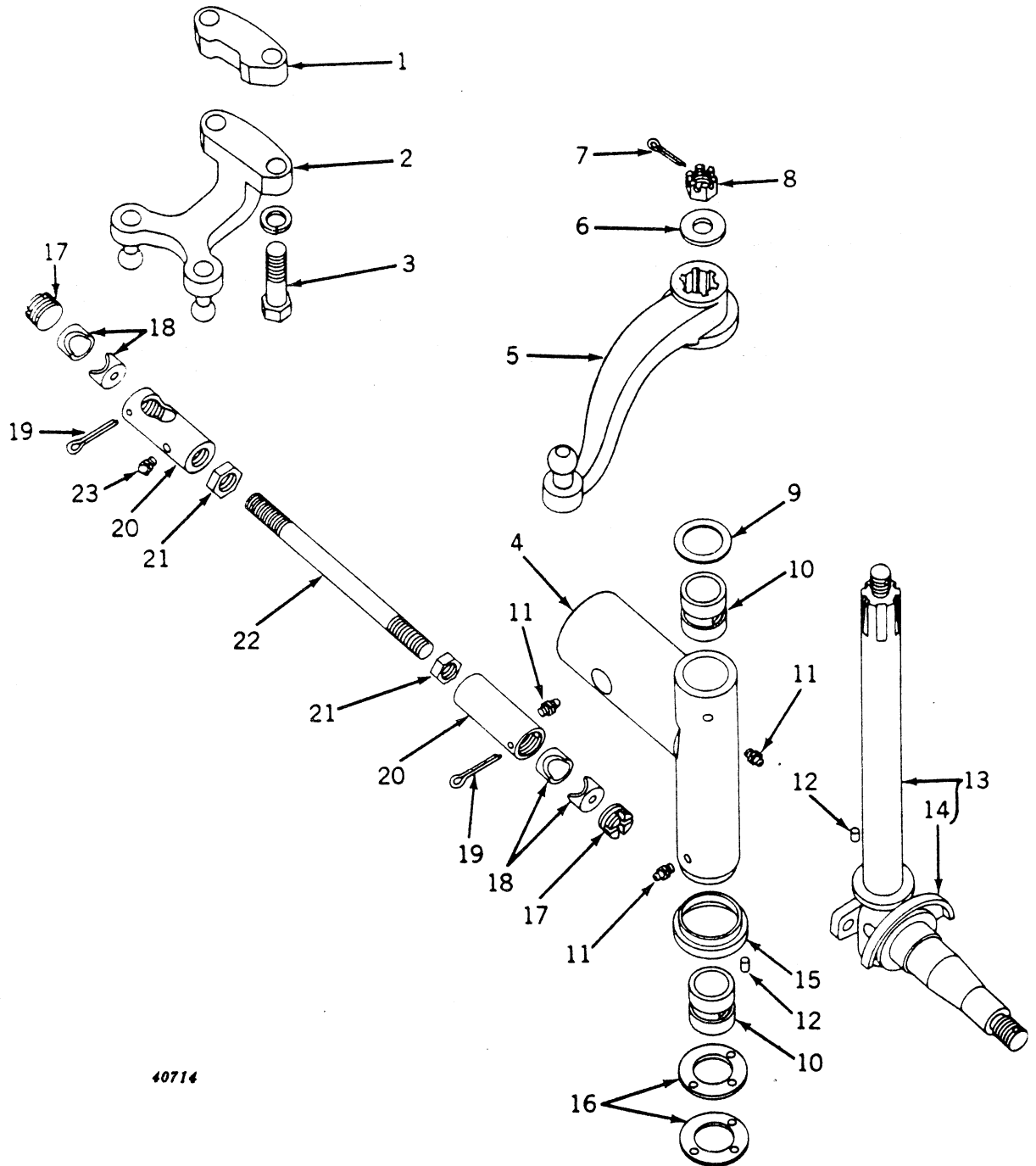
Capital letters indicate an attachment. Attachments must be listed on separate order from replacement parts order.



FRONT AXLE HOUSING ASSEMBLY (38-Inch Fixed Tread)  
(Serial No. 7017500- )

FRONT AXLE HOUSING ASSEMBLY (38-Inch Fixed Tread) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AF 968 R	( - )	Bracket, F862R, pivot, with pin and bushing
2	A 776 R	( - )	Pin, dowel (2 used)
3	24H 1402	( - )	Washer (sub. for D139R)
4	14H 902	( - )	Nut, slotted, 3/4"
5	11H 237	( - )	Pin, cotter, 1/8" x 2"
6	B 2688 R	( - )	Pin, pivot, front
7	JD 7759	( - )	Fitting, grease, straight, 1/8" (2 used)
8	19H 2113	( - )	Screw, cap, high-strength, 3/4" x 3-1/4" (2 used)
	12H 236	( - )	Washer, lock, 3/4" (2 used)
9	19H 1782	( - )	Screw, cap, high-strength, 3/4" x 2-1/4" (2 used)
	12H 236	( - )	Washer, lock, 3/4" (2 used)
10	A 877 R	( - )	Bushing (2 used) (sub. for AA5539R)
11	AB 4045 R	( - )	Housing, B2840R, with pin and bushing
12	B 2694 R	( - )	Bolt, lock (2 used)
13	12H 234	( - )	Washer, lock, 1" (2 used)
14	14H 854	( - )	Nut, 1" (2 used)
15	B 2700 R	( - )	Pin, pivot, rear
16	H 27851 H	( - )	Screw, cap (sub. for B2697R or F2663R)
17	R 20136 R	( - )	Washer (sub. for D141R)

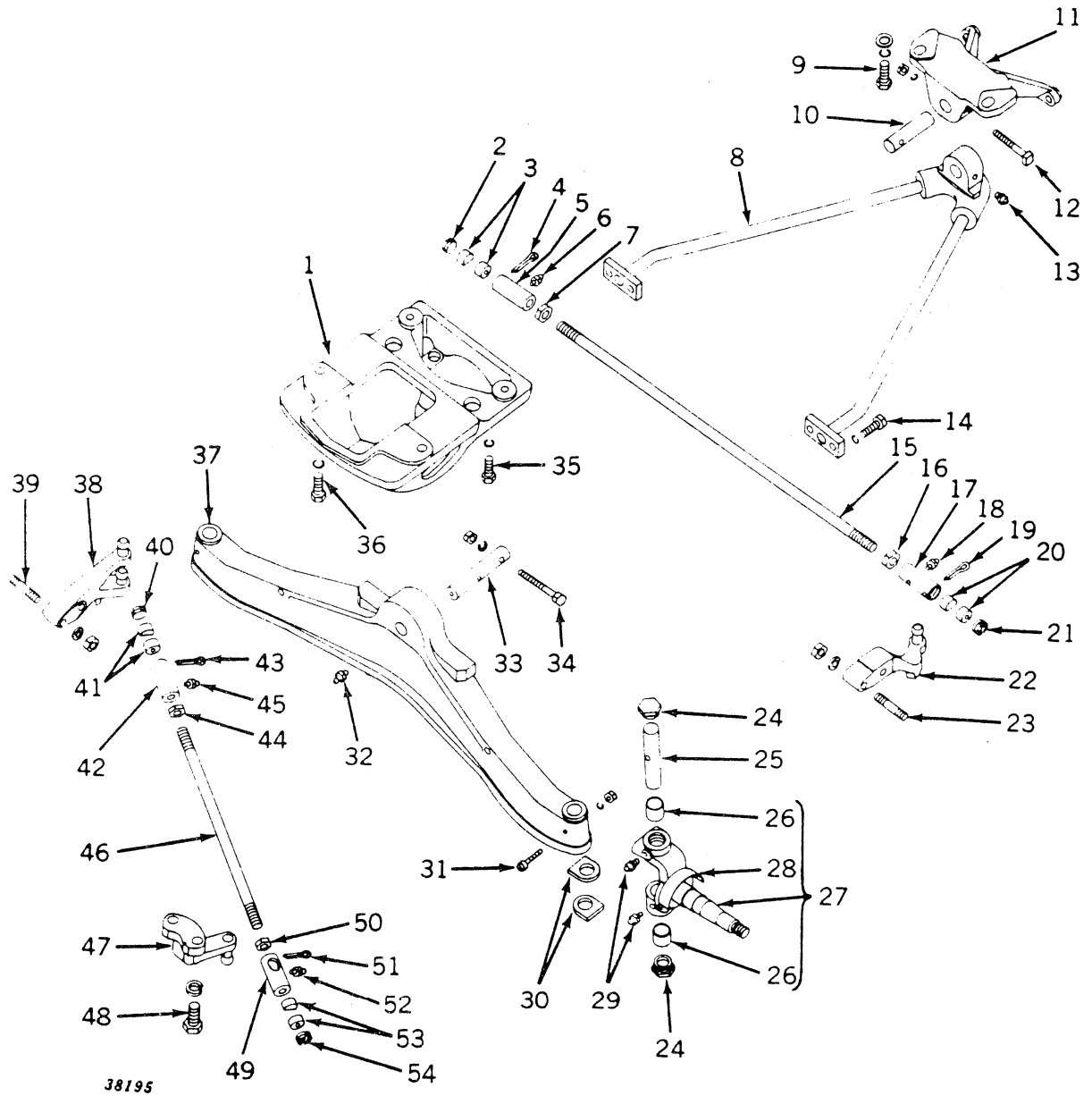
FRONT AXLE KNEE (38-Inch Fixed Tread)  
(Serial No. 7017500- )

40714

FRONT AXLE KNEE (38-Inch Fixed Tread) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	F 1017 R	( - )	Spacer
2	AB 3633 R	( - )	Arm, steering, with balls
3	19H 2113	( - )	Screw, cap, high-strength, 3/4" x 3-1/4" (2 used)
	12H 236	( - )	Washer, lock, 3/4" (2 used)
4	AB 4046 R	( - )	Knee, with bushings and dust shield (2 used)
5	AB 4685 R	( - )	Arm, steering, R.H.
	AB 4686 R	( - )	Arm, steering, L.H.
6	B 3310 R	( - )	Washer (2 used)
7	11H 237	( - )	Pin, cotter, 1/8" x 2" (2 used)
8	14H 902	( - )	Nut, slotted, 3/4" (2 used)
9	D 467 R	( - )	Washer (2 used)
10	A 877 R	( - )	Bushing (4 used) (sub. for AA5539R)
11	JD 7759	( - )	Fitting, grease, straight, 1/8" (6 used)
12	F 1743 R	( - )	Pin, dowel (4 used) (sub. for D186R)
13	AB 4013 R	( - )	Knuckle, with spindle and dust excluder (2 used)
14	A 1424 R	( - )	Excluder, dust (2 used)
15	B 2693 R	( - )	Shield, dust (2 used)
16	A 890 R	( - )	Washer, thrust (4 used)
17	C 840 R	( - )	Screw, plug (4 used)
18	C 838 R	( - )	Bearing, ball stud (8 used) (packed 2 in a pkg.)
19	11H 237	( - )	Pin, cotter, 1/8" x 2" (4 used)
20	H 982 R	( - )	End, drag link (4 used)
21	C 985 R	( - )	Nut, jam, 7/8" (4 used) (packed 5 in a pkg.)
22	B 2842 R	( - )	Rod, drag link (2 used)
23	JD 7760	( - )	Fitting, grease, 67-1/2°, 1/8" (2 used)

FIXED TREAD FRONT AXLE (Standard)  
(Serial No. 7017500- )

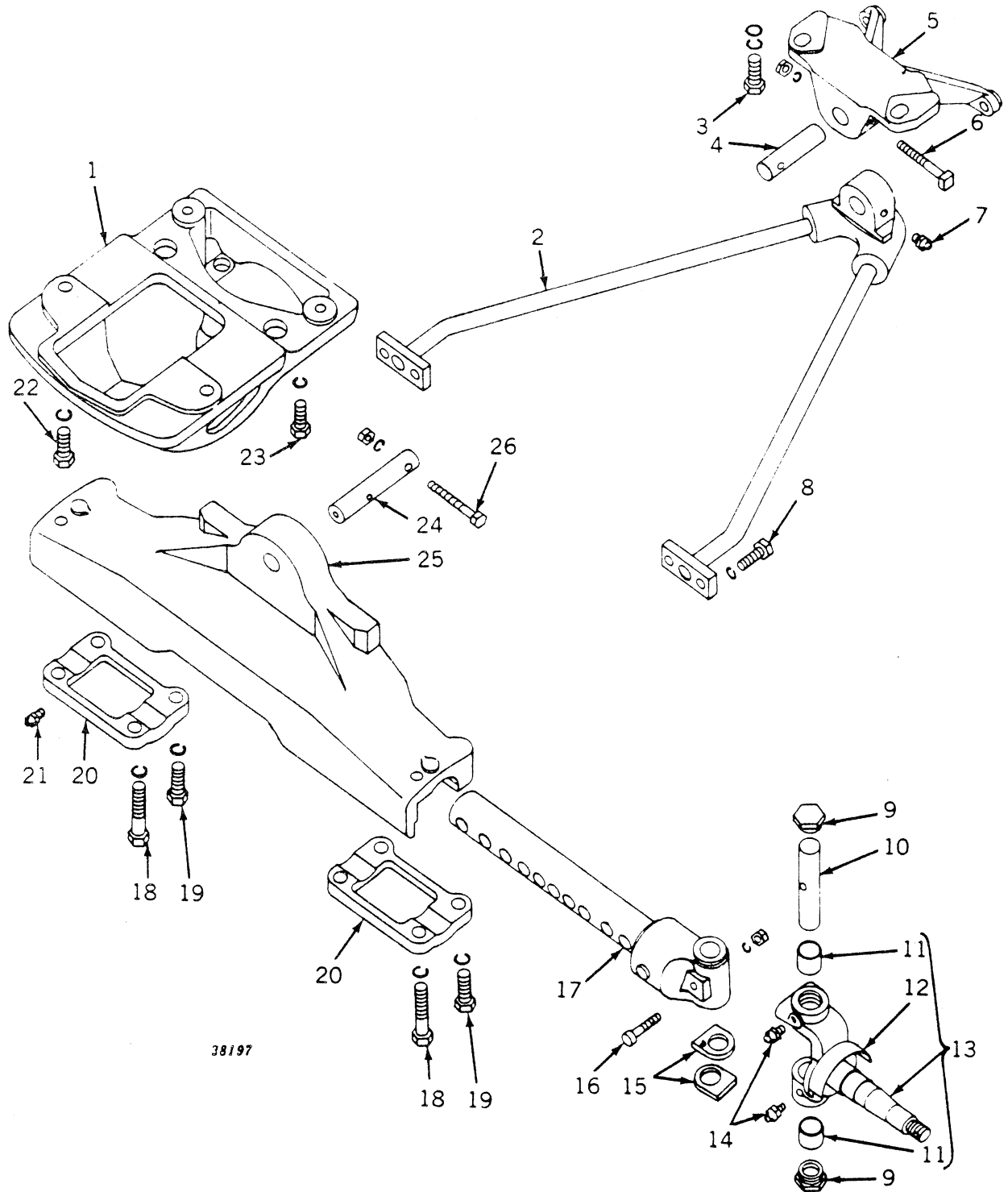


FIXED TREAD FRONT AXLE (Standard) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	F 1583 R	( - )	Bracket, front axle pivot
2	C 840 R	( - )	Plug, screw
3	C 838 R	( - )	Bearing, ball stud (2 used) (packed 2 in a pkg.)
4	11H 237	( - )	Pin, cotter, 1/8" x 2"
5	H 982 R	( - )	End, tie rod
6	JD 7759	( - )	Fitting, grease, straight, 1/8"
7	C 985 R	( - )	Nut, jam, 7/8" (packed 5 in a pkg.)
8	AF 1863 R	( - )	Rod, radius
9	19H 1862	( - )	Screw, cap, high-strength, 3/4" x 2-1/2" (2 used)
	12H 236	( - )	Washer, lock, 3/4" (2 used)
	B 3310 R	( - )	Washer (2 used)
10	R 47 R	( - )	Pin, radius rod pivot
11	F 1582 R	( - )	Bracket, radius rod
12	19H 2228	( - )	Bolt, sq., 3/8" x 4"
	12H 304	( - )	Washer, lock, 3/8"
	14H 812	( - )	Nut, 3/8"
13	JD 7759	( - )	Fitting, grease, straight, 1/8"
14	19H 1356	( - )	Screw, cap, high-strength, 5/8" x 1-3/4" (4 used)
	12H 294	( - )	Washer, lock, 5/8" (4 used)
15	F 1631 R	( - )	Rod, tie
16	A 4269 R	( - )	Nut, special jam, 7/8" L.H. thread (packed 5 in a pkg.)
17	A 4268 R	( - )	End, tie rod, L.H. thread
18	JD 7759	( - )	Fitting, grease, straight, 1/8"
19	11H 237	( - )	Pin, cotter, 1/8" x 2"
20	C 838 R	( - )	Bearing, ball stud (2 used) (packed 2 in a pkg.)
21	C 840 R	( - )	Plug, screw
22	AF 1859 R	( - )	Arm, steering, with ball, L.H.
	F 1617 R	( - )	Ball
23	D 1898 R	( - )	Stud, 5/8" x 3-5/8" (2 used)
	12H 294	( - )	Washer, lock, 5/8" (2 used)
	14H 808	( - )	Nut, 5/8" (2 used)
24	D 1881 R	( - )	Cap, front wheel knuckle (4 used)
25	R 36307 R	( - )	Pin, spindle (2 used) (sub. for D1701R)
26	D 1888 R	( - )	Bushing (4 used) (packed 2 in a pkg.)
27	AR 338 R	( - )	Knuckle, with bushings and dust excluder (2 used)
28	R 42 R	( - )	Excluder, dust (2 used)
29	JD 7759	( - )	Fitting, grease, straight, 1/8" (4 used)
30	A 5325 R	( - )	Washer, spindle pin (pkg. of 2) (2 pkgs. used) (sub. for D1250R)
31	D 156 R	( - )	Bolt, taper (2 used)
	12H 303	( - )	Washer, lock, 5/16" (2 used)
	14H 785	( - )	Nut, 5/16" (2 used)
32	JD 7760	( - )	Fitting, grease
33	F 1625 R	( - )	Pin, pivot
34	19H 2007	( - )	Screw, cap, high-strength, 3/8" x 4-1/2"
	12H 304	( - )	Washer, lock, 3/8"
	14H 812	( - )	Nut, 3/8"
35	19H 1387	( - )	Screw, cap, high-strength, 5/8" x 2-1/4" (2 used)
	12H 294	( - )	Washer, lock, 5/8" (2 used)
36	19H 1782	( - )	Screw, cap, high-strength, 3/4" x 2-1/4" (2 used)
	12H 236	( - )	Washer, lock, 3/4" (2 used)
37	F 1630 R	( - )	Axle, front
38	AF 1858 R	( - )	Arm, steering, with balls, R.H.
	F 1617 R	( - )	Ball
39	D 1898 R	( - )	Stud, 5/8" x 3-5/8" (2 used)
	12H 294	( - )	Washer, lock, 5/8" (2 used)
	14H 808	( - )	Nut, 5/8" (2 used)
40	C 840 R	( - )	Plug, screw
41	C 838 R	( - )	Bearing, ball stud (2 used) (packed 2 in a pkg.)
42	A 4268 R	( - )	End, drag link, L.H. thread
43	11H 237	( - )	Pin, cotter, 1/8" x 2"
44	A 4269 R	( - )	Nut, special jam, 7/8" L.H. thread (packed 5 in a pkg.)
45	JD 7759	( - )	Fitting, grease, straight, 1/8"
46	F 1632 R	( - )	Link, drag
47	AF 1861 R	( - )	Arm, steering gear, with ball
	F 1617 R	( - )	Ball
48	19H 1768	( - )	Screw, cap, high-strength, 3/4" x 2" (2 used)
	12H 236	( - )	Washer, lock, 3/4" (2 used)
49	H 982 R	( - )	End, drag link
50	C 985 R	( - )	Nut, jam, 7/8" (packed 5 in a pkg.)
51	11H 237	( - )	Pin, cotter, 1/8" x 2"
52	JD 7760	( - )	Fitting, grease
53	C 838 R	( - )	Bearing, ball stud (2 used) (packed 2 in a pkg.)
54	C 840 R	( - )	Plug, screw
Part listed below is not illustrated.			
	F 1635 R	( - )	Stop, steering spindle turn

# ADJUSTABLE FRONT AXLE AND RADIUS ROD (Standard)

(Serial No. 7017500- )



ADJUSTABLE FRONT AXLE AND RADIUS ROD (Standard) -- Continued  
(Serial No. 7017500- )

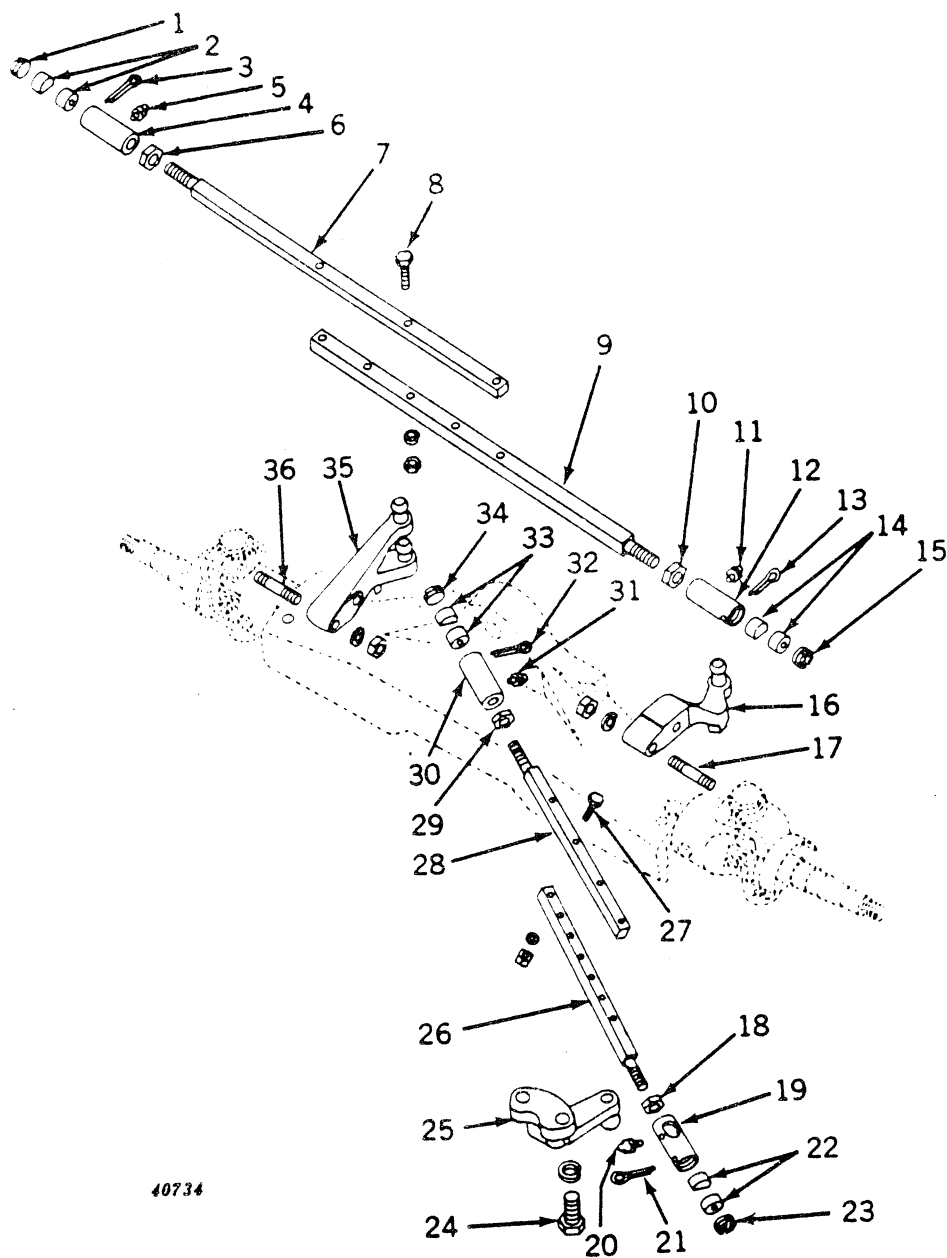
Key	Part No.	Serial No.	Description
1	F 1583 R	( - )	Bracket, front axle pivot
2	AF 1863 R	( - )	Rod, radius
3	19H 1862	( - )	Screw, cap, high-strength, 3/4" x 2-1/2" (2 used)
	12H 236	( - )	Washer, lock, 3/4" (2 used) (packed 5 in a pkg.)
	B 3310 R	( - )	Washer (2 used)
4	R 47 R	( - )	Pin, radius rod pivot
5	F 1582 R	( - )	Bracket, radius rod
6	19H 2228	( - )	Screw, cap, high-strength, 3/8" x 4"
	12H 304	( - )	Washer, lock, 3/8"
	14H 812	( - )	Nut, 3/8"
7	JD 7759	( - )	Fitting, grease, straight, 1/8"
8	19H 1356	( - )	Screw, cap, high-strength, 5/8" x 1-3/4" (4 used)
	12H 294	( - )	Washer, lock, 5/8" (4 used)
9	D 1881 R	( - )	Cap, front wheel knuckle (4 used)
10	R 36307 R	( - )	Pin, spindle (2 used) (sub. for D1701R)
11	D 1888 R	( - )	Bushing (4 used) (packed 2 in a pkg.)
12	R 42 R	( - )	Excluder, dust (2 used)
13	AR 338 R	( - )	Knuckle, with bushings and dust excluder (2 used)
14	JD 7759	( - )	Fitting, grease, straight, 1/8" (4 used)
15	A 5325 R	( - )	Washer, spindle pin (pkg. of 2) (2 pkgs. used) (sub. for D1250R)
16	D 156 R	( - )	Bolt, taper (2 used)
	12H 303	( - )	Washer, lock, 5/16" (2 used)
	14H 785	( - )	Nut, 5/16" (2 used)
17	AF 1854 R	( - )	Extension, with pivot, R.H.
	AF 1855 R	( - )	Extension, with pivot, L.H.
18	19H 1526	( - )	Screw, cap, high-strength, 3/4" x 4-1/2" (4 used)
	12H 236	( - )	Washer, lock, 3/4" (4 used)
19	19H 1862	( - )	Screw, cap, high-strength, 3/4" x 2-1/2" (4 used)
	12H 236	( - )	Washer, lock, 3/4" (4 used)
20	F 1586 R	( - )	Clamp, extension (2 used)
21	JD 7760	( - )	Fitting, grease, in pivot pin
22	19H 1782	( - )	Screw, cap, high-strength, 3/4" x 2-1/4" (2 used)
	12H 236	( - )	Washer, lock, 3/4" (2 used)
23	19H 1387	( - )	Screw, cap, high-strength, 5/8" x 2-1/4" (2 used)
	12H 294	( - )	Washer, lock, 5/8" (2 used)
24	F 1625 R	( - )	Pin, pivot
25	F 1581 R	( - )	Axle, front
26	19H 2007	( - )	Screw, cap, high-strength, 3/8" x 4-1/2"
	12H 304	( - )	Washer, lock, 3/8"
	14H 812	( - )	Nut, 3/8"

Part listed below is not illustrated.

F 1635 R	( - )	Stop, steering spindle turn
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DRAG LINKS AND RADIUS RODS FOR ADJUSTABLE FRONT AXLE (Standard)  
(Serial No. 7017500- )

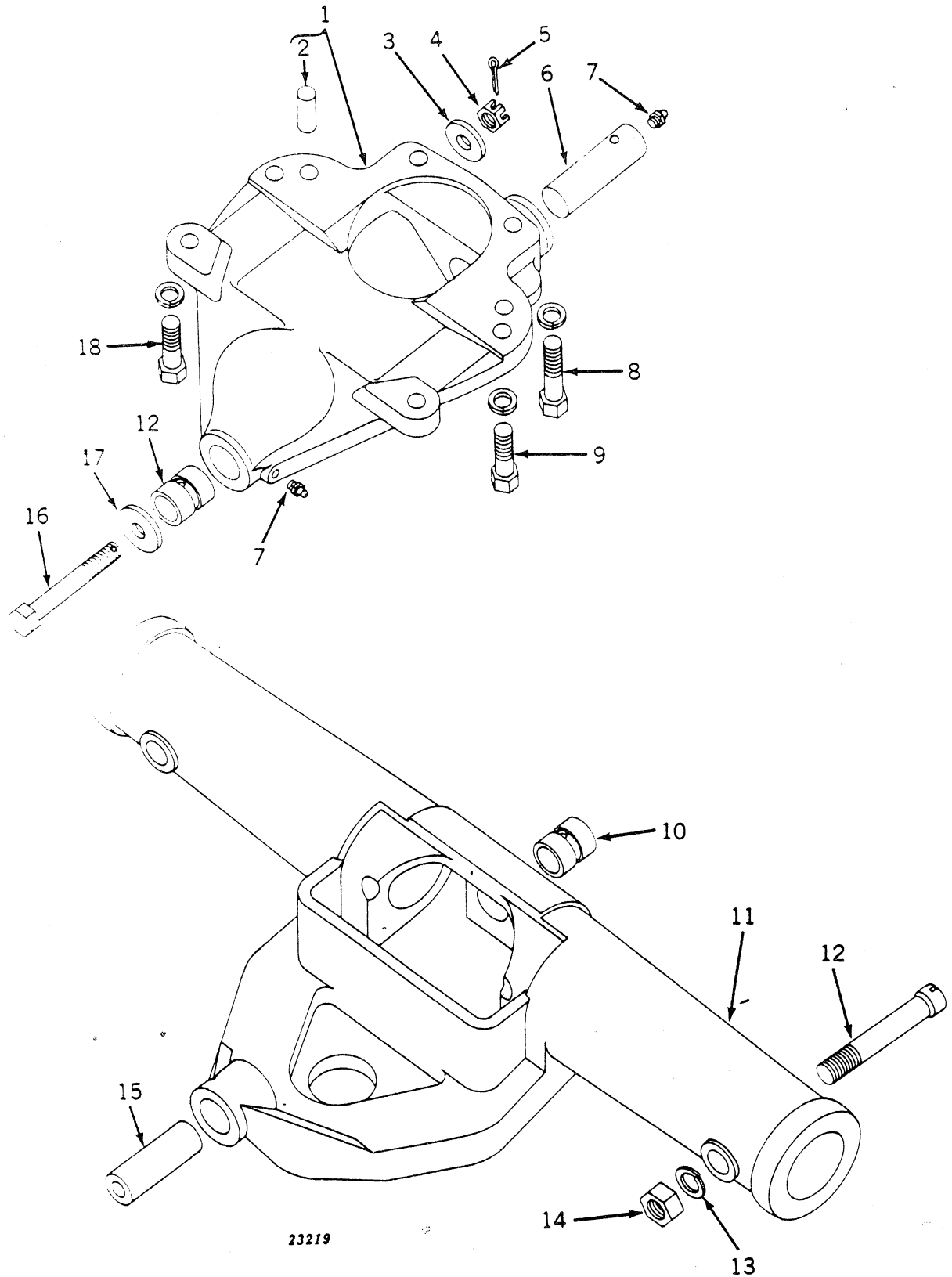


40734

**DRAG LINKS AND RADIUS RODS FOR ADJUSTABLE FRONT  
AXLE (Standard) -- Continued**  
(Serial No. 7017500- )

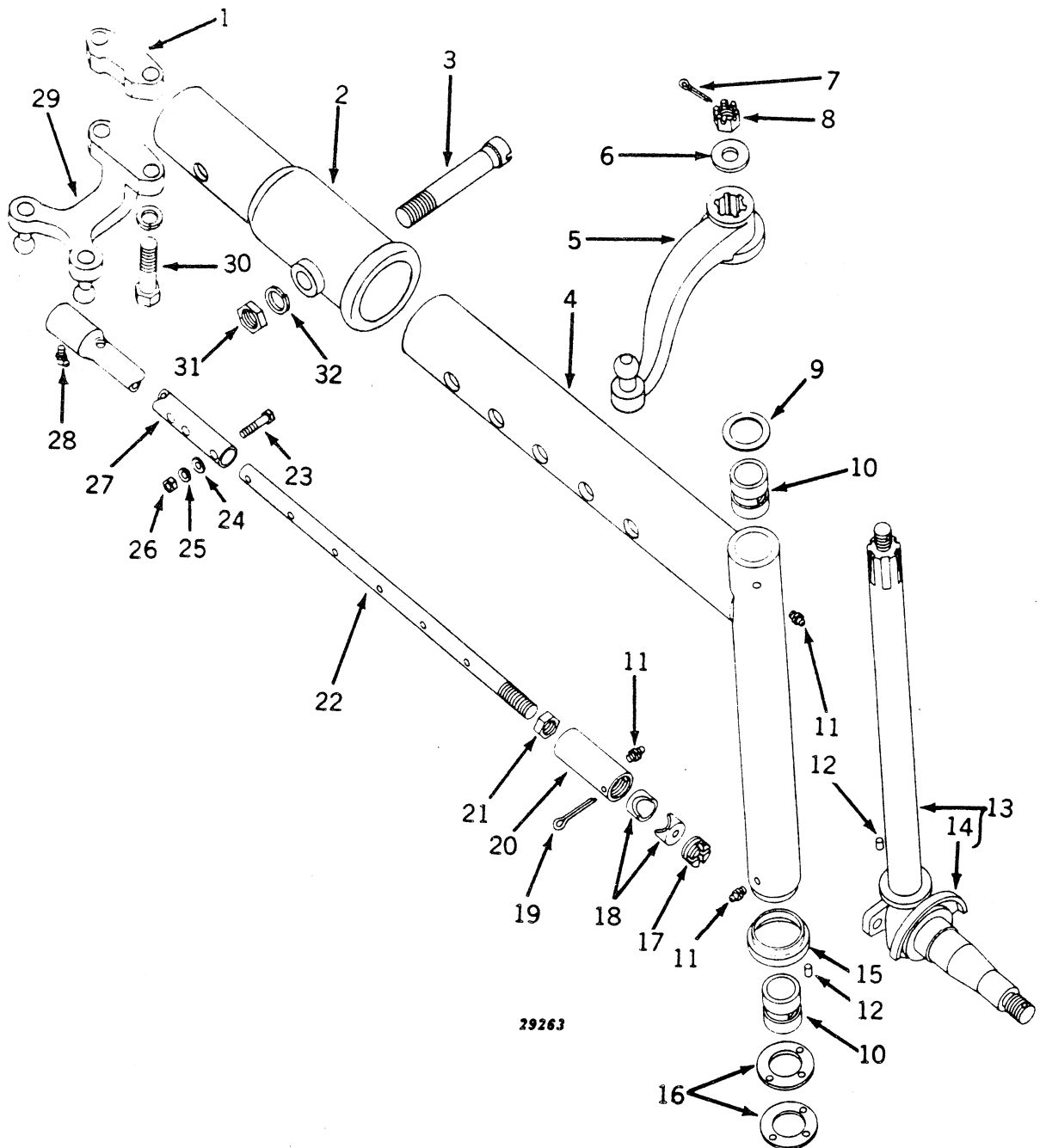
Key	Part No.	Serial No.	Description
1	C 840 R	( - )	Screw, plug
2	C 838 R	( - )	Bearing, ball stud (2 used) (packed 2 in a pkg.)
3	11H 237	( - )	Pin, cotter, 1/8" x 2"
4	H 982 R	( - )	End, tie rod, R.H.
5	JD 7759	( - )	Fitting, grease, straight, 1/8"
6	C 985 R	( - )	Nut, jam, 7/8" (packed 5 in a pkg.)
7	F 1618 R	( - )	Rod, tie, R.H.
8	19H 2055	( - )	Screw, cap, high-strength, 7/16" x 2-1/4" (2 used)
	12H 293	( - )	Washer, lock, 7/16" (2 used)
	14H 813	( - )	Nut, 7/16" (2 used)
9	F 1619 R	( - )	Rod, tie, L.H.
10	A 4269 R	( - )	Nut, special, jam, 7/8" L.H. thread (packed 5 in a pkg.)
11	JD 7759	( - )	Fitting, grease, straight, 1/8"
12	A 4268 R	( - )	End, tie rod, L.H. thread
13	11H 237	( - )	Pin, cotter, 1/8" x 2"
14	C 838 R	( - )	Bearing, ball stud (2 used) (packed 2 in a pkg.)
15	C 840 R	( - )	Screw, plug
16	AF 1859 R	( - )	Arm, steering, with ball, L.H.
	F 1617 R	( - )	Ball
17	D 1898 R	( - )	Stud, 5/8" x 3-5/8" (2 used)
	12H 294	( - )	Washer, lock, 5/8" (2 used)
	14H 808	( - )	Nut, 5/8" (2 used)
18	C 985 R	( - )	Nut, hex., jam, 7/8" (packed 5 in a pkg.)
19	H 982 R	( - )	End, drag link, L.H.
20	JD 7759	( - )	Fitting, grease, straight, 1/8"
21	11H 237	( - )	Pin, cotter, 1/8" x 2"
22	C 838 R	( - )	Bearing, ball stud (2 used)
23	C 840 R	( - )	Screw, plug
24	19H 1768	( - )	Screw, cap, high-strength, 3/4" x 2" (2 used)
	12H 236	( - )	Washer, lock, 3/4" (2 used)
25	AF 1861 R	( - )	Arm, steering gear, with ball
	F 1617 R	( - )	Ball
26	F 1620 R	( - )	Link, drag, inner
27	19H 2055	( - )	Screw, cap, high-strength, 7/16" x 2-1/4" (2 used)
	12H 293	( - )	Washer, lock, 7/16" (2 used)
	14H 813	( - )	Nut, 7/16" (2 used)
28	F 1621 R	( - )	Link, drag, outer
29	A 4269 R	( - )	Nut, special jam, 7/8" L.H. thread (packed 5 in a pkg.)
30	A 4268 R	( - )	End, drag link, L.H. thread
31	JD 7760	( - )	Fitting, grease, 67-1/2°, 1/8"
32	11H 237	( - )	Pin, cotter, 1/8" x 2"
33	C 838 R	( - )	Bearing, ball stud (2 used) (packed 2 in a pkg.)
34	C 840 R	( - )	Screw, plug
35	AF 1858 R	( - )	Arm, steering, with balls, R.H.
	F 1617 R	( - )	Ball
36	D 1898 R	( - )	Stud, 5/8" x 3-5/8" (2 used)
	12H 294	( - )	Washer, lock, 5/8" (2 used)
	14H 808	( - )	Nut, 5/8" (2 used)

FRONT AXLE HOUSING ASSEMBLY (Adjustable and Hi-Crop)  
(Serial No. 7017500- )



FRONT AXLE HOUSING ASSEMBLY (Adjustable and Hi-Crop) -- Continued  
(Serial No. 7017500- )

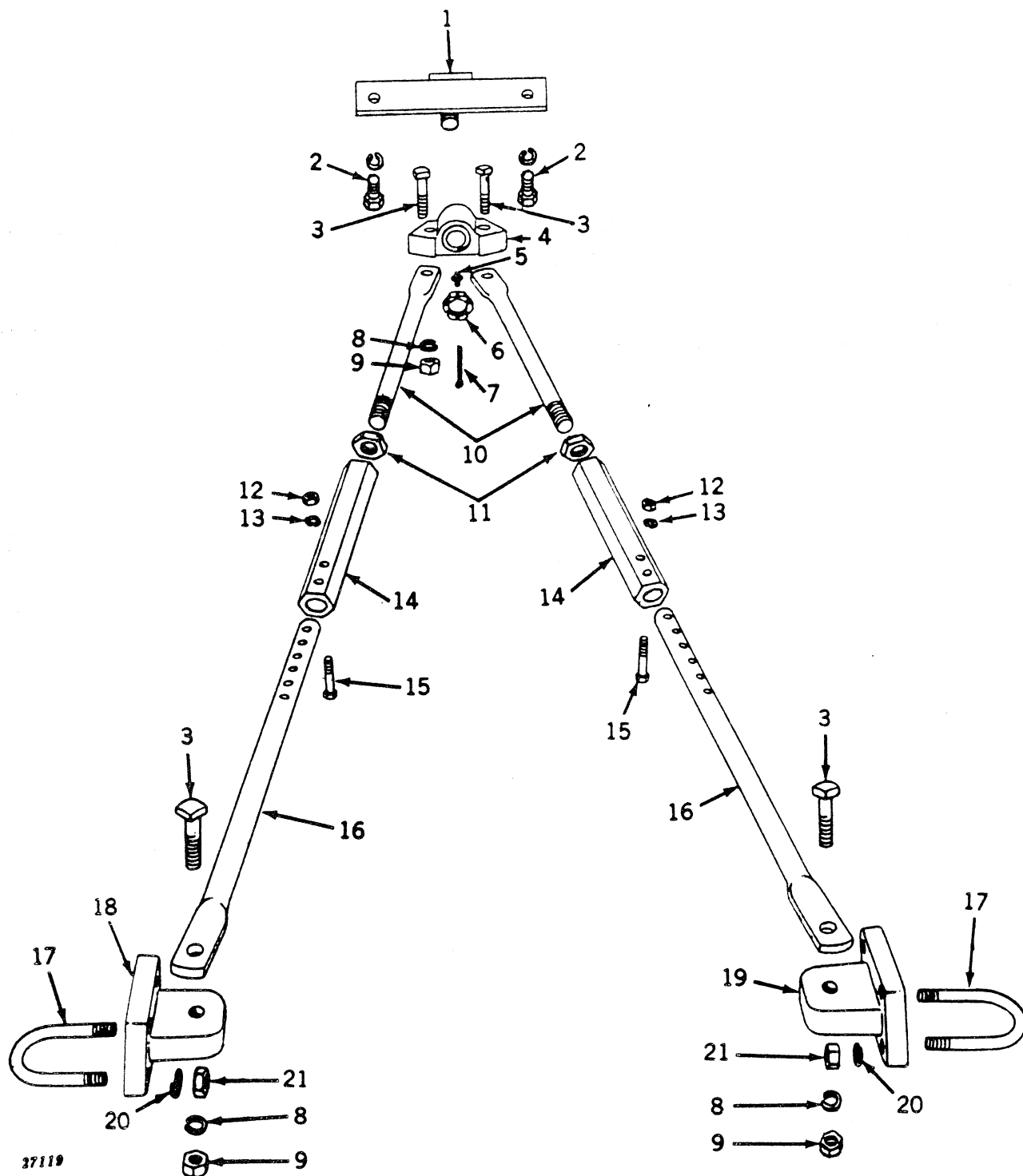
Key	Part No.	Serial No.	Description
1	AF 968 R	( - )	Bracket, F862R, pivot, with pin and bushing (except Hi-Crop)
	AF 1180 R	( - )	Bracket, F1016R, pivot, with pin and bushing (Hi-Crop only)
2	A 776 R	( - )	Pin, dowel (2 used)
3	24H 1402	( - )	Washer (sub. for D139R)
4	14H 902	( - )	Nut, slotted, 3/4"
5	11H 237	( - )	Pin, cotter, 1/8" x 2"
6	B 2688 R	( - )	Pin, pivot, front
7	JD 7759	( - )	Fitting, grease, straight, 1/8" (2 used)
8	19H 1471	( - )	Screw, cap, high-strength, 3/4" x 3-1/2" (2 used)
	12H 236	( - )	Washer, lock, 3/4" (2 used)
9	19H 1768	( - )	Screw, cap, high-strength, 3/4" x 2" (2 used)
	12H 236	( - )	Washer, lock, 3/4" (2 used)
10	A 877 R	( - )	Bushing (2 used) (sub. for AA5539R)
11	AF 1182 R	( - )	Housing, B2690R or F1018R, with pin and bushing (except 38" fixed tread)
12	B 2694 R	( - )	Bolt, lock (2 used)
13	12H 234	( - )	Washer, lock, 1" (2 used)
14	14H 854	( - )	Nut, 1" (2 used)
15	B 2700 R	( - )	Pin, pivot, rear
16	H 27851 H	( - )	Screw, cap (sub. for B2697R or F2663R)
17	R 20136 R	( - )	Washer (sub. for D141R)
18	19H 2286	( - )	Screw, cap, high-strength, 3/4" x 2-1/2" (2 used) (Hi-Crop only)
	12H 236	( - )	Washer, lock, 3/4" (2 used) (Hi-Crop only)

FRONT AXLE KNEE (Adjustable and Hi-Crop)  
(Serial No. 7017500- )

FRONT AXLE KNEE (Adjustable and Hi-Crop) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	F 1017 R	( - )	Spacer (Hi-Crop and 38" fixed tread)
2	B 2728 R	( - )	Extension, knee
3	B 2694 R	( - )	Bolt, lock
4	AA 5166 R	( - )	Knee, with bushings and dust shield (2 used) (except Hi-Crop and 38" fixed tread)
	AB 4046 R	( - )	Knee, with bushings and dust shield (2 used) (38" fixed tread)
	AF 1183 R	( - )	Knee, with bushings and dust shield (2 used) (Hi-Crop)
5	AB 4685 R	( - )	Arm, steering, R.H.
	AB 4686 R	( - )	Arm, steering, L.H.
6	B 3310 R	( - )	Washer (2 used) (sub. for B111R)
7	11H 237	( - )	Pin, cotter, 1/8" x 2" (2 used)
8	14H 902	( - )	Nut, slotted, 3/4" (2 used)
9	D 467 R	( - )	Washer (2 used)
10	A 877 R	( - )	Bushing (4 used) (sub. for AA5539R)
11	JD 7759	( - )	Fitting, grease, straight, 1/8" (6 used)
12	F 1743 R	( - )	Pin, dowel (4 used) (sub. for D186R)
13	AA 5267 R	( - )	Knuckle, with spindle (1-1/2" x 18-1/2") and dust excluder (2 used) (except Hi-Crop and 38" fixed tread)
	AB 4013 R	( - )	Knuckle, with spindle (1-1/2" x 17-3/4") and dust excluder (2 used) (38" fixed tread)
	AF 1190 R	( - )	Knuckle, with spindle (1-1/2" x 28-1/4") and dust excluder (2 used) (Hi-Crop)
14	A 1424 R	( - )	Excluder, dust (2 used)
15	B 2693 R	( - )	Shield, dust (2 used)
16	A 890 R	( - )	Washer, thrust (4 used)
17	C 840 R	( - )	Screw, plug (4 used)
18	C 838 R	( - )	Bearing, ball stud (8 used) (packed 2 in a pkg.)
19	11H 237	( - )	Pin, cotter, 1/8" x 2" (4 used)
20	H 982 R	( - )	End, drag link (2 used)
21	C 985 R	( - )	Nut, jam, 7/8" (2 used) (packed 5 in a pkg.)
22	B 2696 R	( - )	Rod, drag link (2 used) (except Hi-Crop and 38" fixed tread)
	B 2729 R	( - )	Rod, drag link (used with knee extension)
	B 2842 R	( - )	Rod, drag link (2 used) (38" fixed tread)
	F 1022 R	( - )	Rod, drag link (2 used) (Hi-Crop)
23	19H 134	( - )	Screw, cap, 5/16" x 1-1/2" (4 used)
24	24H 1136	( - )	Washer, 11/32" x 11/16" x .060" (4 used)
25	12H 303	( - )	Washer, lock, 5/16" (4 used)
26	14H 785	( - )	Nut, 5/16" (4 used)
27	AF 1187 R	( - )	Sleeve, drag link (2 used)
28	JD 7760	( - )	Fitting, grease, 67-1/2°, 1/8" (2 used)
29	AB 3633 R	( - )	Arm, steering, with balls
30	19H 1768	( - )	Screw, cap, high-strength, 3/4" x 2" (2 used) (except Hi-Crop and 38" fixed tread)
	19H 2113	( - )	Screw, cap, high-strength, 3/4" x 3-1/4" (2 used) (Hi-Crop)
	19H 2113	( - )	Screw, cap, high-strength, 3/4" x 3-1/4" (2 used) (38" fixed tread)
	12H 236	( - )	Washer, lock, 3/4" (2 used)
31	14H 854	( - )	Nut, 1"
32	12H 234	( - )	Washer, lock, 1"

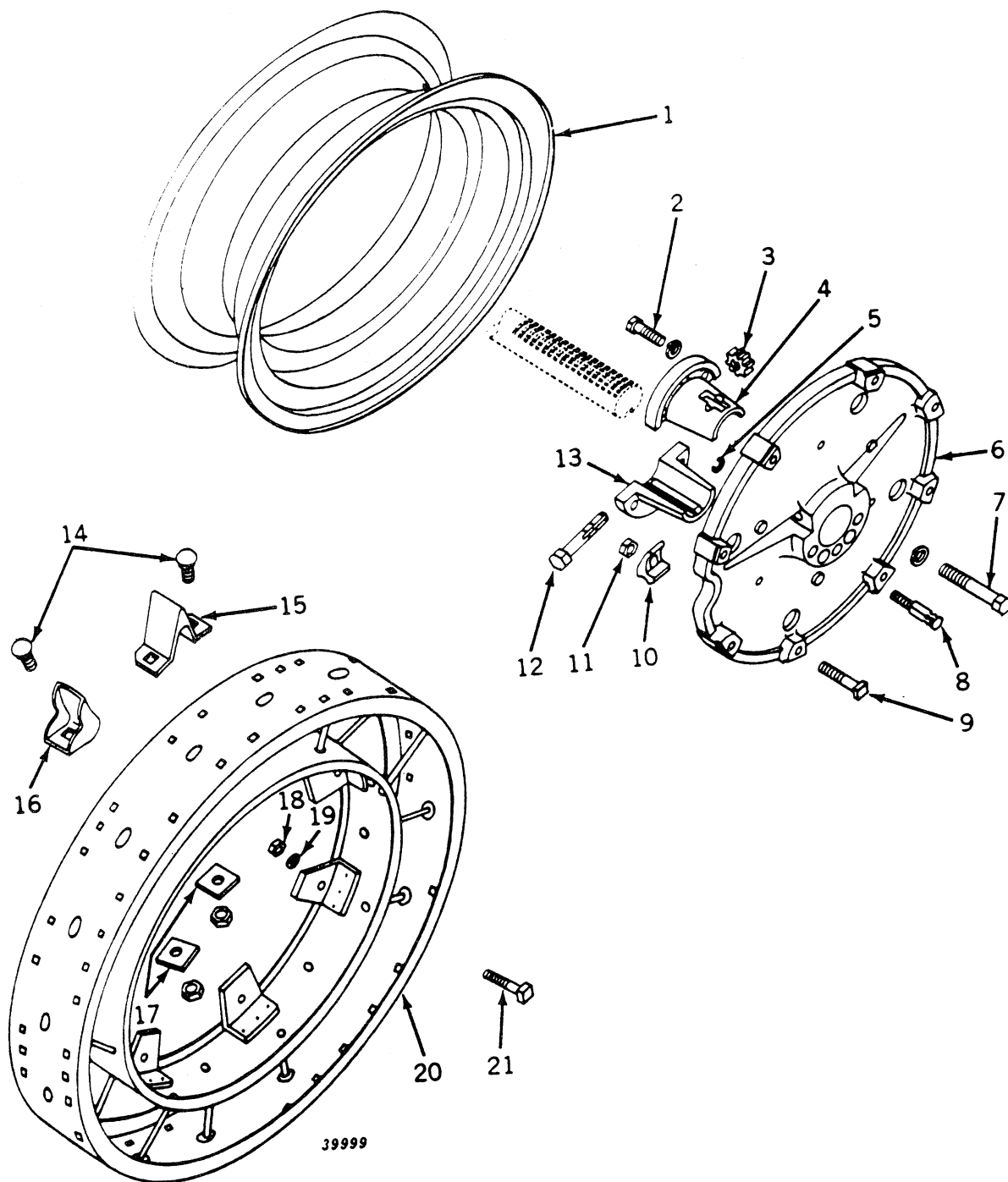
RADIUS ROD (Hi-Crop)  
(Serial No. 7017500- )



RADIUS ROD (Hi-Crop) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AF 1497 R	( - )	Bracket, radius rod pivot
2	19H 1768	( - )	Screw, cap, high-strength, 3/4" x 2" (2 used)
	12H 236	( - )	Washer, lock, 3/4" (2 used)
3	8H 1386	( - )	Bolt, mach., 3/4" x 3" (4 used)
4	F 1012 R	( - )	Pivot, radius rod
5	JD 7759	( - )	Fitting, grease
6	F 562 R	( - )	Nut, 1-1/4" (sub. for AF1275R)
7	11H 222	( - )	Pin, cotter, 3/16" x 2"
8	12H 236	( - )	Washer, lock, 3/4" (4 used)
9	14H 794	( - )	Nut, 3/4" (4 used)
10	F 1006 R	( - )	Rod, radius, rear (2 used)
11	F 562 R	( - )	Nut, 1-1/4" (2 used) (sub. for AF1275R)
12	14H 813	( - )	Nut, 7/16" (4 used)
13	12H 293	( - )	Washer, lock, 7/16" (4 used)
14	R 34570 R	( - )	Coupling (2 used) (sub. for F1007R)
15	F 1008 R	( - )	Bolt, radius rod taper (4 used)
16	F 1005 R	( - )	Rod, radius, front (2 used)
17	F 1011 R	( - )	U-bolt, radius rod bracket (4 used)
18	F 1009 R	( - )	Bracket, radius rod, R.H.
19	F 1010 R	( - )	Bracket, radius rod, L.H.
20	12H 294	( - )	Washer, lock, 5/8" (8 used)
21	14H 800	( - )	Nut, 5/8" (8 used)

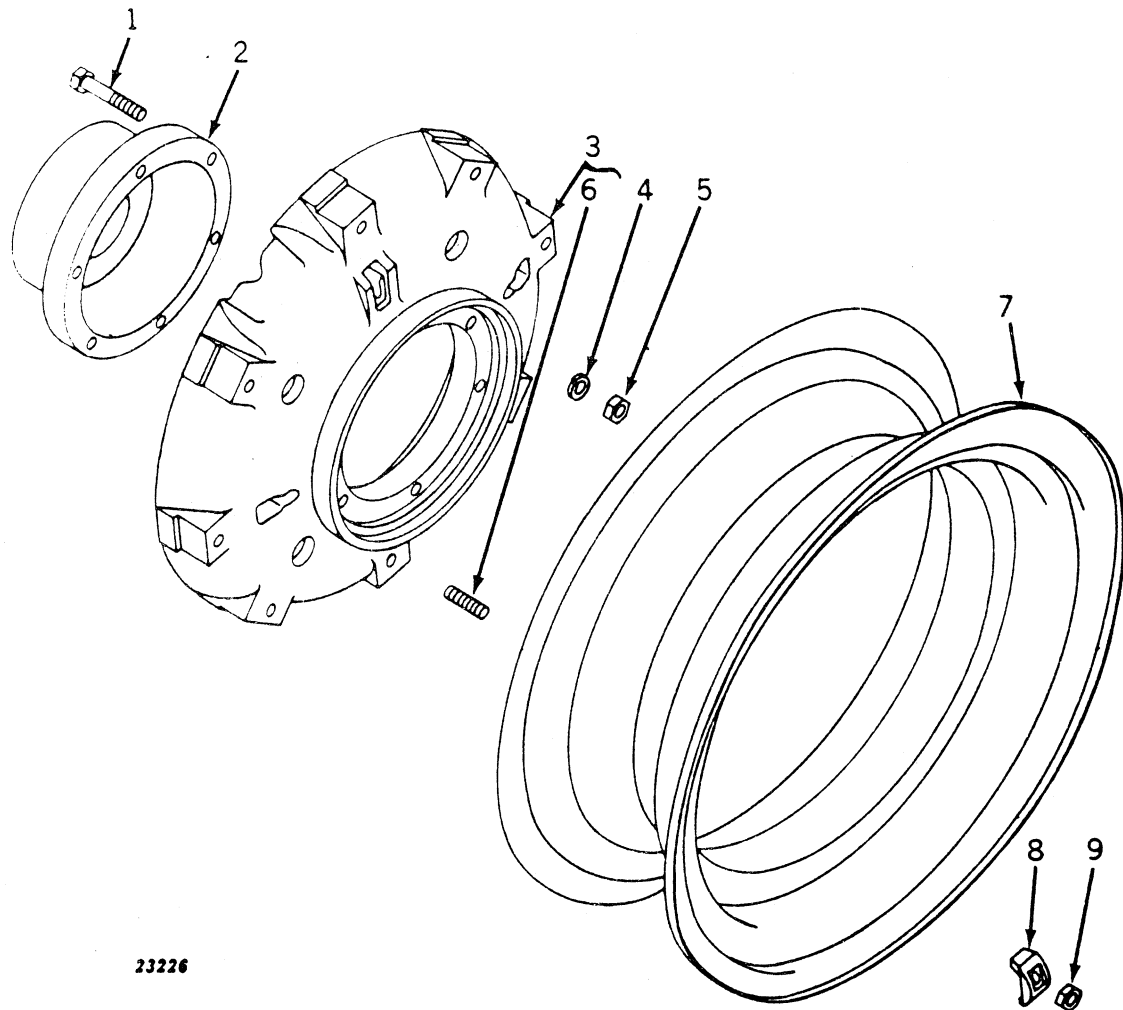


REAR WHEELS (Except Hi-Crop)  
(Serial No. 7017500- )

REAR WHEELS (Except Hi-Crop) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	A 4811 R	( - )	Rim, demountable (for 12-38 tires) (except standard)
	R 31490 R	( - )	Rim, demountable (for 13-38 tires) (except standard (sub. for F1480R
	AD 2636 R	( - )	Rim, demountable (for 14-30 or 15-30 tires) (standard)
	AR 771 R	( - )	Rim, demountable (for 18-26 tires) (standard)
	AP 22529 H	( - )	Rim, demountable (20" wide) (for 18-26 tires) (standard) (use with F1591R)
2	19H 1413	( - )	Screw, cap, high-strength, 3/4" x 2-5/8", pinion half to wheel (3 used)
	12H 236	( - )	Washer, lock, 3/4" (3 used)
3	A 4379 R	( - )	Pinion
4	A 4384 R	( - )	Sleeve, pinion half
5	A 4883 R	( - )	Ring, retaining
6	F 1500 R	( - )	Wheel, cast disk, rear (for 12-38 or 13-38 tire and rim) (except standard)
	F 1478 R	( - )	Wheel, cast disk, rear (special) (use with 104" or 112" axles) (except standard)
	F 1590 R	( - )	Wheel, cast disk, rear (for 14-30 or 15-30 tire and rim) (standard)
	F 1591 R	( - )	Wheel, cast disk, rear (for 18-26 tire and rim) (standard)
	R 34828 R	( - )	Bolt, special plated, 7/8" x 6", key half to wheel (3 used) (sub. for A4387R)
	12H 245	( - )	Washer, lock, 7/8" (3 used)
8	R 39758	( - )	Screw, jack (2 used) (sub. for A4882R)
9	A 4389 R	( - )	Bolt, mach., 5/8" x 3-3/4" (8 used) (except standard)
	A 4064 R	( - )	Bolt, mach., 5/8" x 2-3/4" (8 used with F1590R, 9 used with F1591R) (standard)
10	A 4388 R	( - )	Clamp, rim (8 used) (except standard)
	B 634 R	( - )	Clamp, rim (8 used with F1590R, 9 used with F1591R) (standard)
11	14H 760	( - )	Nut, 5/8" (8 used)
12	A 4380 R	( - )	Shaft, pinion
13	R 33224 R	( - )	Sleeve, key half (sub. for A4386R)
14	AD 2803 R	( - )	Bolt, lug, with nut (pkg. of 25, D411R and 14H404)
15	AD 2857 R	( - )	Lug, 5" "A" shape (set of 8, D1283R)
16	AD 2854 R	( - )	Lug, 5" spade (set of 8, D1078R)
17	AD 2856 R	( - )	Washer, spade lug (pkg. of 8, D938R)
18	14H 800	( - )	Nut, 5/8" (8 used) (except standard)
	14H 800	( - )	Nut, 5/8" (8 used on F1590R, 9 used with F1591R) (standard)
19	12H 294	( - )	Washer, lock, 5/8" (8 used) (except standard)
	12H 294	( - )	Washer, lock, 5/8" (8 used with F1590R, 9 used with F1591R) (standard)
20	AF 1713 R	( - )	Rim, steel wheel (except standard)
	AF 1884 R	( - )	Rim, steel wheel (use with F1590R) (standard)
	AF 1885 R	( - )	Rim, steel wheel (use with F1591R) (standard)
21	A 4389 R	( - )	Bolt, mach., with nut, rim to wheel (8 used) (except standard)
	A 4064 R	( - )	Bolt, with nut, 5/8" x 2-3/4", rim to wheel (8 used with F1590R, 9 used with F1591R) (standard)
Parts listed below are not illustrated.			
	F 336 R	( - )	Rim, extension
	AC 453 R	( - )	Clip, six C1030R, extension rim (use AD2803R for attaching)

REAR WHEELS (Hi-Crop)  
(Serial No. 7017500- )



23226

Key	Part No.	Serial No.	Description
1	B 568 R	( - )	Screw, cap, special, 5/8" x 3-3/4" (6 used)
2	F 1004 R	( - )	Hub
3	AF 1192 R	( - )	Wheel, F1003R, cast disk drive, with studs and nuts
4	12H 294	( - )	Washer, lock, 5/8" (6 used)
5	14H 800	( - )	Nut, 5/8" (6 used)
6	A 5292 R	( - )	Stud, 5/8" x 2-1/4" (8 used) (packed 25 in a pkg.) (sub. for C1479R)
7	AA 3043 R	( - )	Rim, demountable
8	B 634 R	( - )	Clamp, rim (8 used)
9	14H 800	( - )	Nut, 5/8" (8 used)

CAB (Steel) (Standard)  
(Cab Serial No. 4360- )

Part No.	Serial No.	Description
F 1637 R ( - )		Glass, windshield
F 1638 R ( - )		Weatherstrip, glass, windshield
F 1639 R ( - )		Gasket, windshield
F 1640 R ( - )		Glass, lower front (2 used)
F 1641 R ( - )		Weatherstrip, glass, lower front (2 used)
F 1642 R ( - )		Glass, side (2 used)
F 1643 R ( - )		Weatherstrip, glass, sides (2 used)
F 1644 R ( - )		Gasket, side window (2 used)
F 1645 R ( - )		Weatherstrip, R.H. side
F 1646 R ( - )		Weatherstrip, L.H. side
F 1647 R ( - )		Weatherstrip, cab to steering shaft support

Parts listed below are an assembly of some of the parts in this grouping.

AF 2411 R ( - )	FRAME, TRACTOR CAB
AF 2412 R ( - )	TOP, TRACTOR CAB, AND WINDOWS
AF 2413 R ( - )	CURTAIN, TRACTOR CAB

PARTS FOR WEATHERBRAKE CABS  
(Serial No. 7017500- )

Part No.	Serial No.	Description
AR 20144 R ( - )		Panel, weatherbrake cab engine, L.H.
AR 20145 R ( - )		Panel, weatherbrake cab engine, R.H.
AR 20146 R ( - )		Window, weatherbrake cab side, with frame (4 used)
AR 21843 R ( - )		Cabs
R 20127 R ( - )		Windshield, weatherbrake cab, front
R 20128 R ( - )		Windshield, weatherbrake cab, side (2 used)
R 21229 R ( - )		Brace, weatherbrake cab (2 used) (except standard)
R 21230 R ( - )		Bolt, weatherbrake cab brace (2 used) (except standard)

PARTS FOR WEATHERBRAKES  
(Serial No. 7017500- )

Part No.	Serial No.	Description
AR 20143 R ( - )		Windshield, weatherbrake, side (2 used)
AR 20144 R ( - )		Panel, weatherbrake engine, L.H.
AR 20145 R ( - )		Panel, weatherbrake engine, R.H.
R 20123 R ( - )		Windshield, weatherbrake front
R 20124 R ( - )		Frame, weatherbrake windshield, front

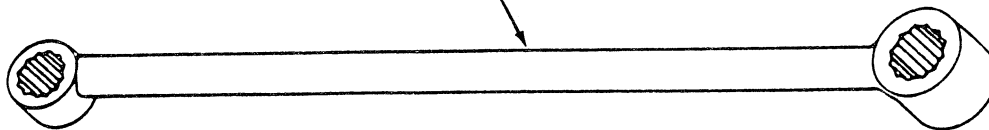
OPERATOR'S MANUAL (Not Illustrated)

Part No.	Serial No.	Description
R 2023 R (7017500- )		Manual, operator's (Hi-Crop supplement)
R 2028 R (7017500- )		Manual, operator's (Hi-Crop supplement, Spanish)
R 2032 R (7017500- )		Manual, operator's
R 2045 R (7017500- )		Manual, operator's (Spanish)

Capital letters indicate an attachment. Attachments must be listed on separate order from replacement parts order.

TOOLS  
(Serial No. 7017500- )

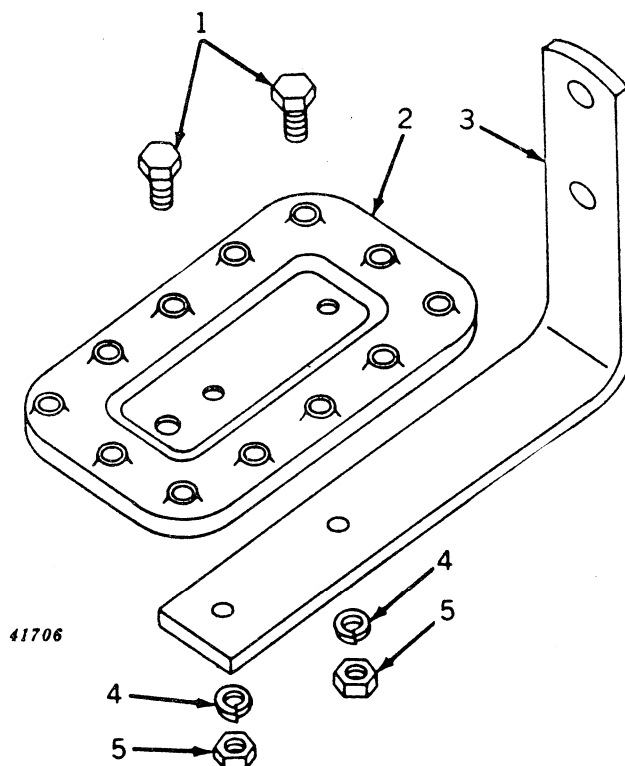
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42468

Key	Part No.	Serial No.	Description
1	B 353 R	( - )	Wrench

TRACTOR 'STEP'  
(Serial No. 7017500- )



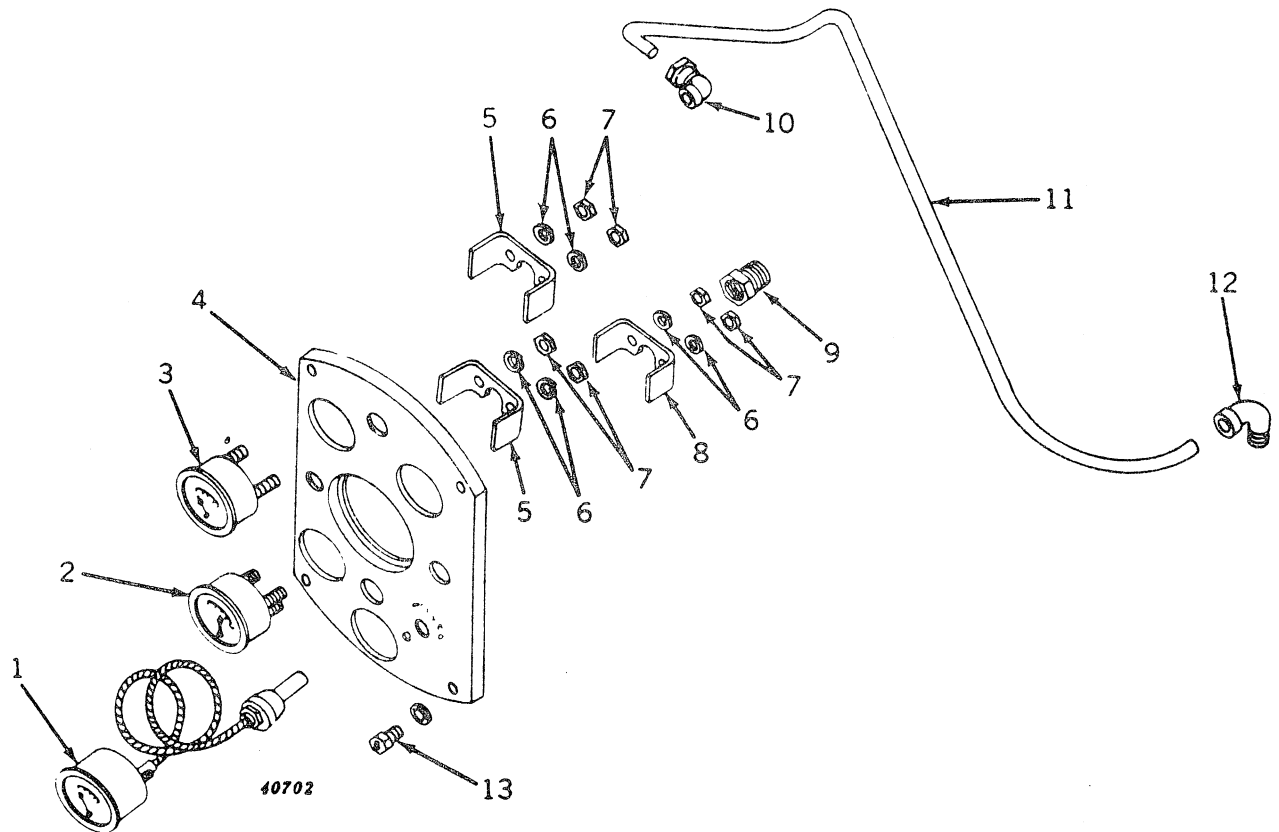
Key	Part No.	Serial No.	Description
1	19H 1139	( - )	Screw, cap, high-strength, 3/8" x 1-1/8" (2 used)
2	F 3195 R	( - )	Step, tractor (sub. for A5233R)
3	A 5234 R	( - )	Support, tractor step
4	12H 304	( - )	Washer, lock, 3/8" (2 used)
5	14H 812	( - )	Nut, 3/8" (2 used)

Part listed below is an assembly of parts listed in this grouping.

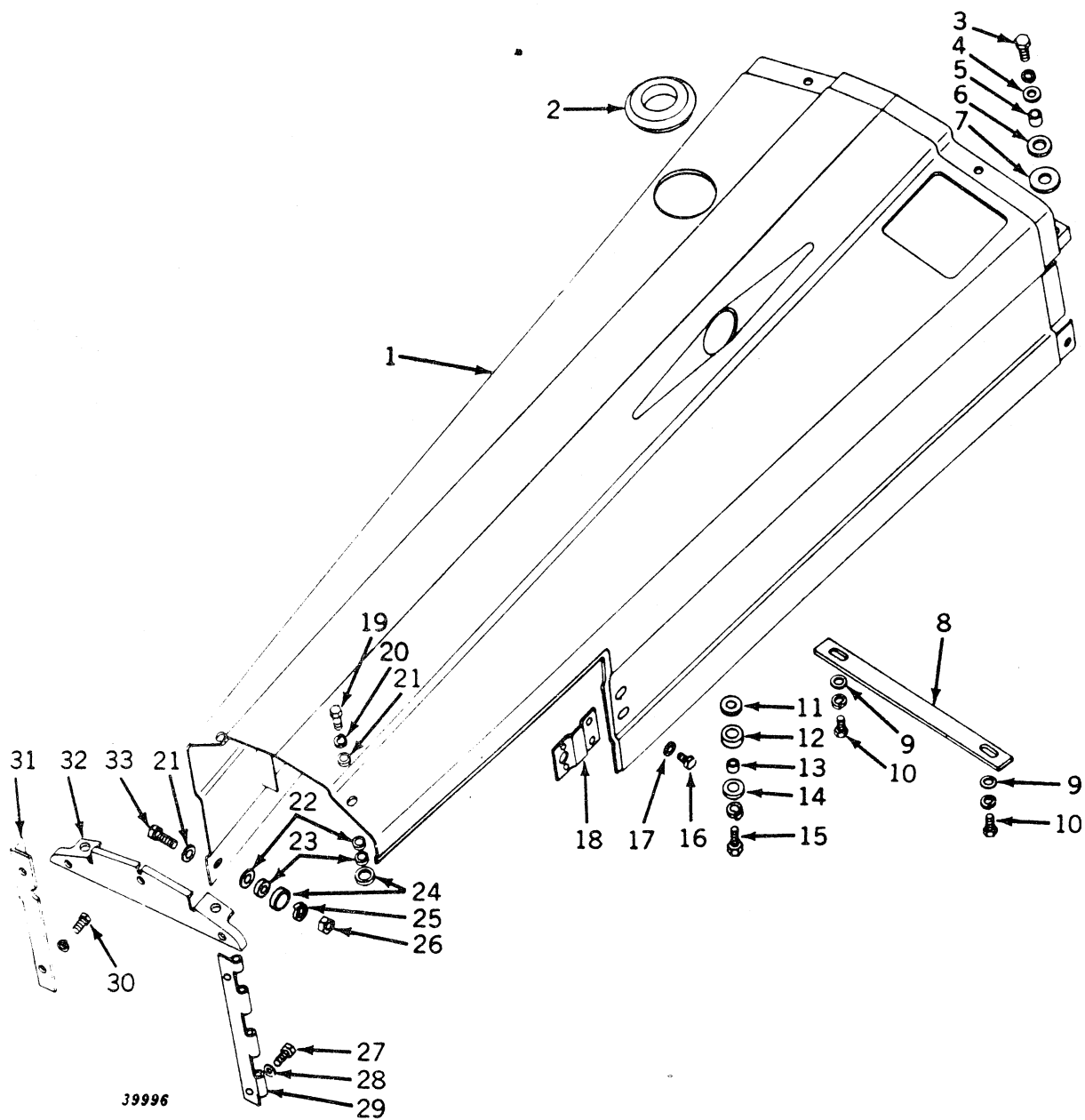
AA 6092 R	( - )	Step, tractor, with support and hardware
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# INSTRUMENT PANEL AND GAUGES

(Serial No. 7017500- )



Key	Part No.	Serial No.	Description
1	AA 1986 R	( - )	Heat indicator, with bushing, nuts, and lock washers (sub. for AF2192R)
2	AF 2749 R	( - )	Ammeter, with clamp, nuts, and lock washers (sub. for AB2568R)
3	AF 2729 R	( - )	Gauge, oil pressure, with clamp, nuts, and lock washers (sub. for AR492R or AF2868R)
4	F 1976 R	( - )	Panel, instrument (sub. one AF2738R, one R20201R, and two M2207T)
5	.....	( - )	Clamp (2 used) (not furnished)
6	.....	( - )	Washer, lock (6 used) (not furnished)
7	.....	( - )	Nut (6 used) (not furnished)
8	A 1712 R	( - )	Clamp
9	A 1248 R	( - )	Bushing, heat indicator tube
10	AA 4936 R	( - )	Elbow
11	F 1832 R	( - )	Pipe, oil pressure gauge
12	AF 2209 R	( - )	Elbow, cap
13	19H 2020	( - )	Screw, high-strength, 5/16" x 1/2" (4 used) (sub. for AA4955R or A3232R)
	12H 291	( - )	Washer, lock (4 used) (sub. for A3546R)

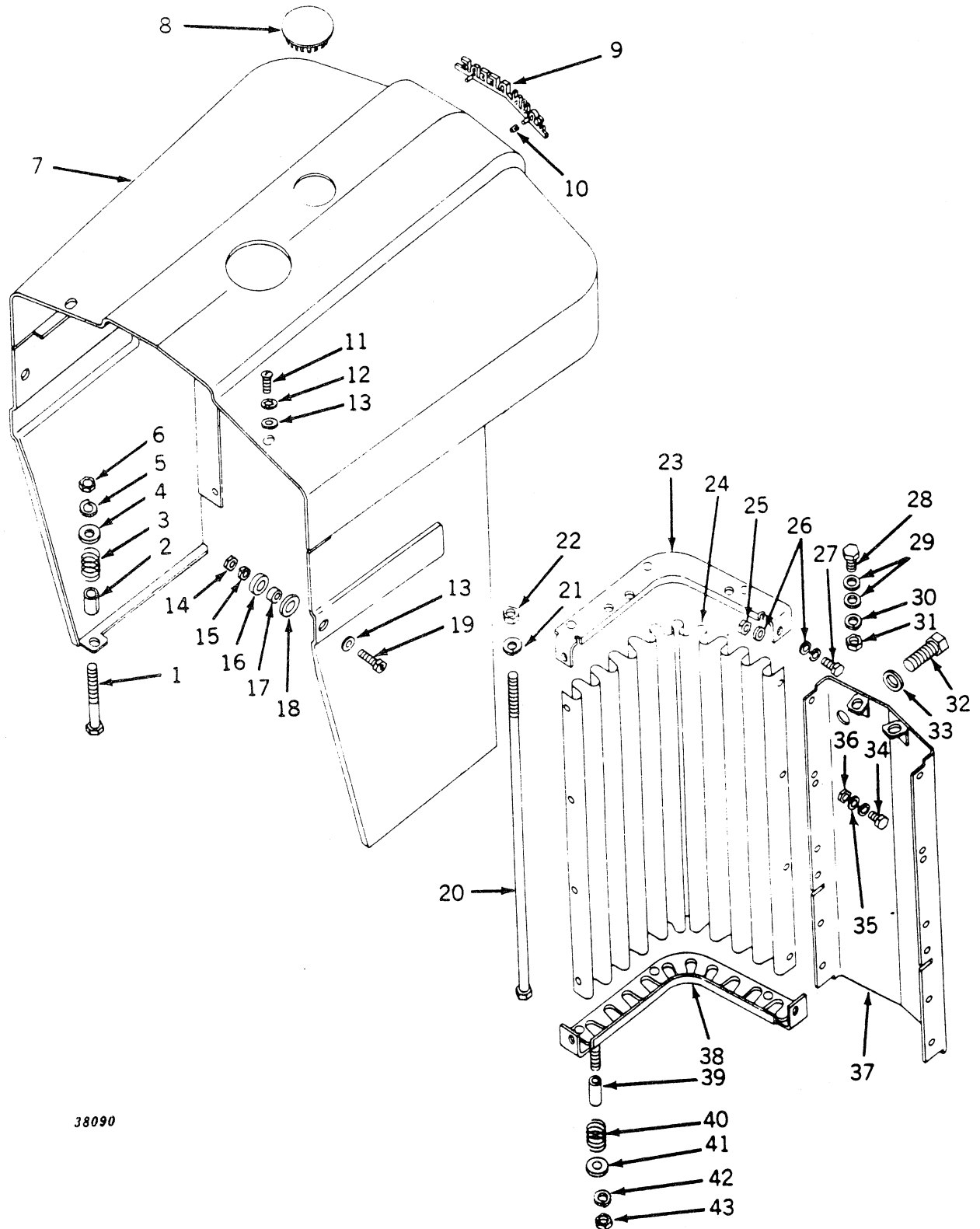
HOOD  
(Serial No. 7017500- )

HOOD-- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AF 3024 R	( - )	Hood (sub. for AF2062R)
2	R 39613	( - )	Grommet (sub. for A5157R)
3	19H 1978	( - )	Screw, cap, high-strength, 7/16" x 1-1/2" (2 used)
	12H 293	( - )	Washer, lock, 7/16" (2 used)
4	24H 1330	( - )	Washer, 15/32" x 1-3/8" x .105" (2 used)
5	A 4669 R	( - )	Spacer (2 used)
6	A 4668 R	( - )	Washer, rubber (2 used) (packed 5 in a pkg.)
7	24H 1372	( - )	Washer, 21/32" x 1-1/2" x .060" (2 used)
8	F 1273 R	( - )	Strap, hood
9	24H 1290	( - )	Washer, 21/64" x 3/4" x .036" (2 used)
10	19H 99	( - )	Screw, cap, high-strength, 5/16" x 9/16" (2 used)
	12H 303	( - )	Washer, lock, 5/16" (2 used)
11	A 5659 R	( - )	Washer (sub. for 24H1009) (packed 2 in a pkg.)
12	A 4666 R	( - )	Washer, rubber (packed 5 in a pkg.)
13	R 20817 R	( - )	Spacer (packed 5 in a pkg.) (sub. for B1839R)
14	24H 1366	( - )	Washer, 21/32" x 1-1/8" x .036"
15	A 4125 R	( - )	Screw, mach., 5/16" x 1" (sub. for AA4956R) (packed 50 in a pkg.)
	12H 303	( - )	Washer, lock, 5/16"
16	21H 1018	( - )	Screw, mach., 1/4" x 3/8" (2 used)
17	24H 1286	( - )	Washer, 9/32" x 1/2" x .060" (2 used)
18	AF 2063 R	( - )	Bracket, hood door
19	19H 1900	( - )	Screw, cap, high-strength, 5/16" x 3/4" (2 used) (sub. for AH1230R or H1085R)
20	12H 291	( - )	Washer, lock, 5/16" (2 used) (sub. for A3546R)
21	A 5659 R	( - )	Washer, 16 gauge (3 used) (sub. for 24H1009) (packed 2 in a pkg.)
22	24H 1366	( - )	Washer, 21/32" x 1-1/8" x .036"
23	R 20817 R	( - )	Spacer (3 used) (packed 5 in a pkg.) (sub. for B1839R)
24	A 4666 R	( - )	Washer, rubber (3 used) (packed 5 in a pkg.)
25	12H 303	( - )	Washer, lock, 5/16"
26	14H 785	( - )	Nut, 5/16"
27	19H 1227	( - )	Screw, cap, high-strength, 1/4" x 1/2" (2 used)
28	24H 1287	( - )	Washer, 9/32" x 5/8" x .060" (2 used)
29	F 1955 R	( - )	Plate, hood door hinge
30	19H 1936	( - )	Screw, cap, 3/8" x 3/4" (5 used) (sub. for 19H203 or F2272R)
	12H 304	( - )	Washer, lock, 3/8" (5 used)
31	A 4464 R	( - )	Support, rear, L.H.
32	AA 5185 R	( - )	Support, rear, top
33	A 4125 R	( - )	Screw, mach., 5/16" x 1" (sub. for AA4956R) (packed 50 in a pkg.)



GRILLE  
(Serial No. 7017500- )

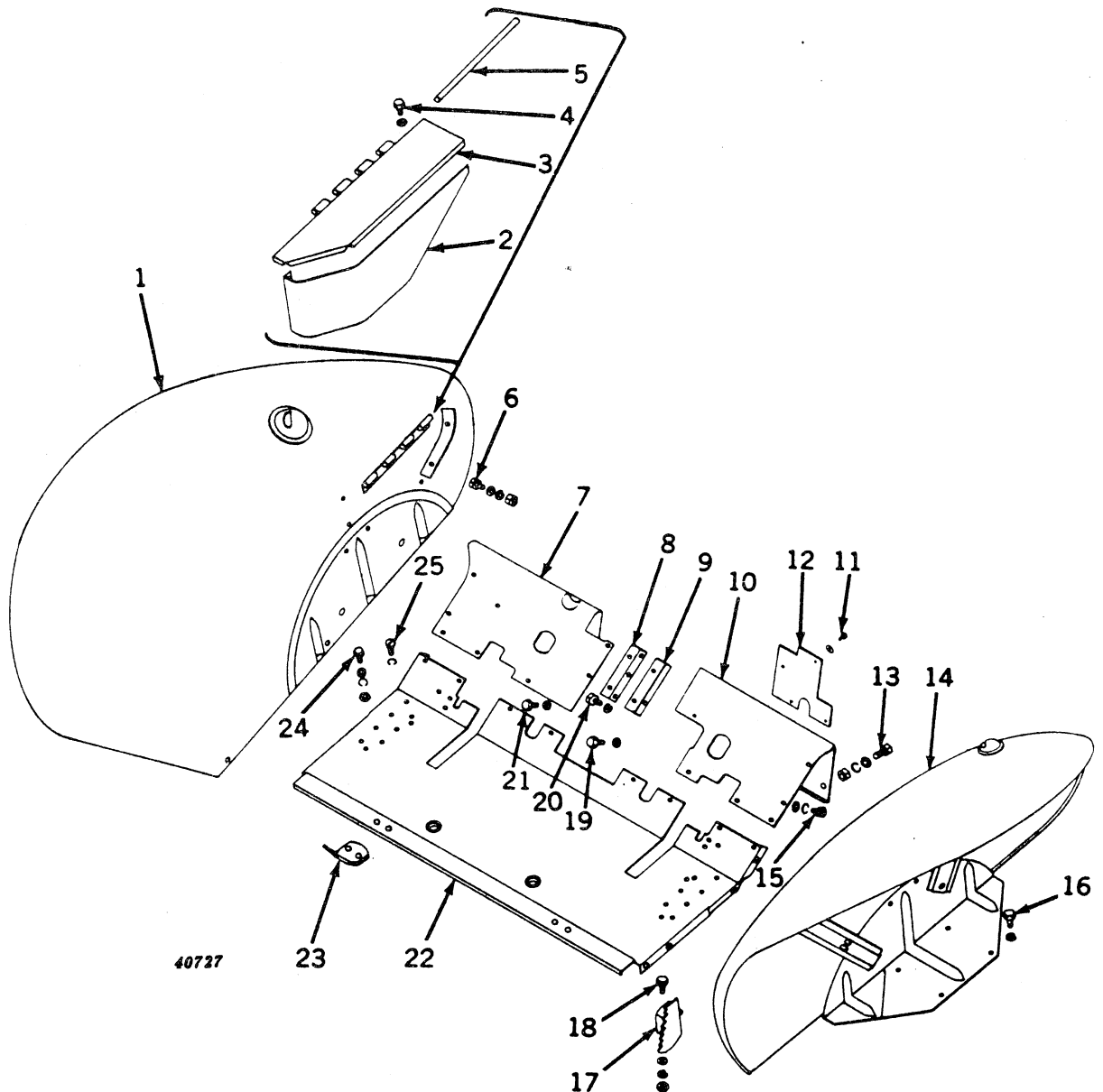


38090

GRILLE -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	19H 1925	( - )	Screw, cap, high-strength, 3/8" x 4-1/4" (2 used)
2	B 2804 R	( - )	Spacer (2 used) (packed 2 in a pkg.)
3	A 350 R	( - )	Spring (2 used)
4	24H 1309	( - )	Washer, 13/32" x 1-1/16" x .120" (2 used)
5	12H 304	( - )	Washer, lock, 3/8" (2 used)
6	14H 812	( - )	Nut, 3/8" (2 used)
7	AF 2325 R	( - )	Top grille, and sides (sub. for AF1471R)
8	F 1676 R	( - )	Plug
9	JD 110	( - )	Plate, name, with clips, 5/16" (sub. for AA5383R)
10	A 4679 R	( - )	Clip, speed (2 used) (packed 2 in a pkg.)
11	19H 1900	( - )	Screw, cap, high-strength, 5/16" x 3/4" (2 used) (sub. for H1085R)
12	12H 291	( - )	Washer, lock, 5/16" (2 used) (sub. for A3546R)
13	24H 1224	( - )	Washer, 11/32" x 1" x .060" (4 used)
14	14H 785	( - )	Nut, 5/16" (2 used)
15	12H 303	( - )	Washer, lock, 5/16" (2 used)
16	A 4666 R	( - )	Washer, rubber (2 used) (packed 5 in a pkg.)
17	R 20912 R	( - )	Spacer (2 used) (sub. for A4667 R)
18	24H 1366	( - )	Washer, 21/32" x 1-1/8" x .036"
19	A 4125 R	( - )	Screw, mach., 5/16" x 1" (2 used) (packed 50 in a pkg.)
20	A 4317 R	( - )	Rod, grille (4 used)
21	12H 303	( - )	Washer, lock, 5/16" (4 used)
22	14H 785	( - )	Nut, 5/16" (4 used)
23	AF 2326 R	( - )	Frame, upper, R.H. (sub. for AF1472R)
	AF 2328 R	( - )	Frame, upper, L.H. (sub. for AF1473R)
24	A 4316 R	( - )	Screen, grille (2 used)
25	14H 850	( - )	Nut, jam, 1/4" (8 used)
26	24H 1287	( - )	Washer, 9/32" x 5/8" x .060" (16 used)
27	19H 1919	( - )	Screw, cap, high-strength, 1/4" x 3/4" (8 used)
	12H 302	( - )	Washer, lock, 1/4" (8 used)
28	19H 99	( - )	Screw, cap, high-strength, 5/16" x 9/16" (2 used)
29	24H 1290	( - )	Washer, 21/64" x 3/4" x .036" (4 used)
30	12H 303	( - )	Washer, lock, 5/16" (2 used)
31	14H 785	( - )	Nut, 5/16" (2 used)
32	19H 1756	( - )	Screw, cap, high-strength, 5/8" x 1-1/2" (2 used)
33	B 2274 R	( - )	Washer (2 used) (packed 2 in a pkg.)
34	19H 1227	( - )	Screw, cap, high-strength, 1/4" x 1/2" (8 used)
	12H 302	( - )	Washer, lock, 1/4" (8 used)
35	24H 1287	( - )	Washer, 9/32" x 5/8" x .060" (8 used)
36	14H 850	( - )	Nut, jam, 1/4" (8 used)
37	AA 6305 R	( - )	Plate, center, with clips (sub. for AA5319R)
38	AF 2327 R	( - )	Frame, lower, R.H. (sub. for AF1474R)
	AF 2329 R	( - )	Frame, lower, L.H. (sub. for AF1475R)
39	28H 1497	( - )	Spacer, 3/8" x 1-1/2" (2 used)
40	A 350 R	( - )	Spring (2 used)
41	24H 1309	( - )	Washer, 13/32" x 1-1/16" x .120" (2 used)
42	12H 304	( - )	Washer, lock, 3/8" (2 used)
43	14H 812	( - )	Nut, 3/8" (2 used)

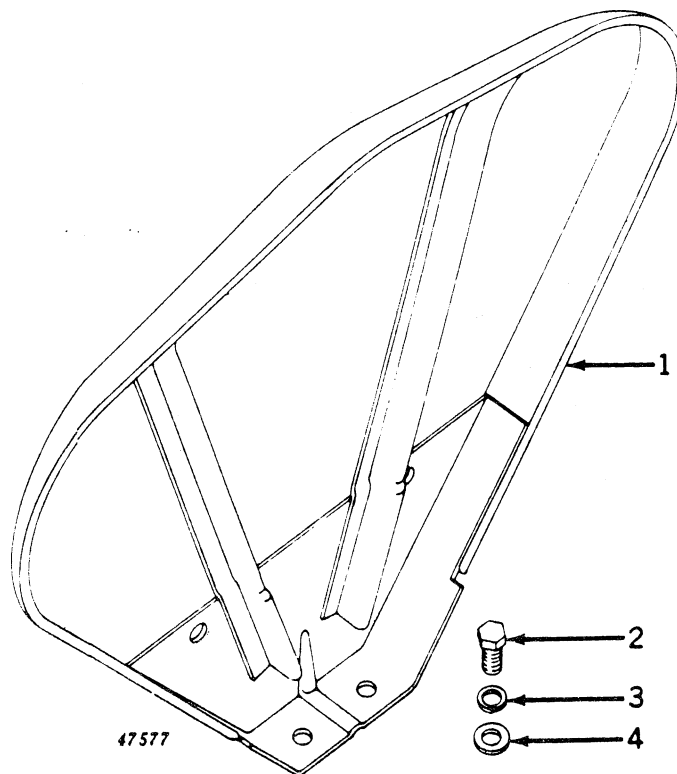
FENDERS, PLATFORM, AND TOOL BOX (Standard)  
(Serial No. 7017500- )



FENDERS, PLATFORM, AND TOOL BOX (Standard) -- Continued  
(Serial No. 7017500- )

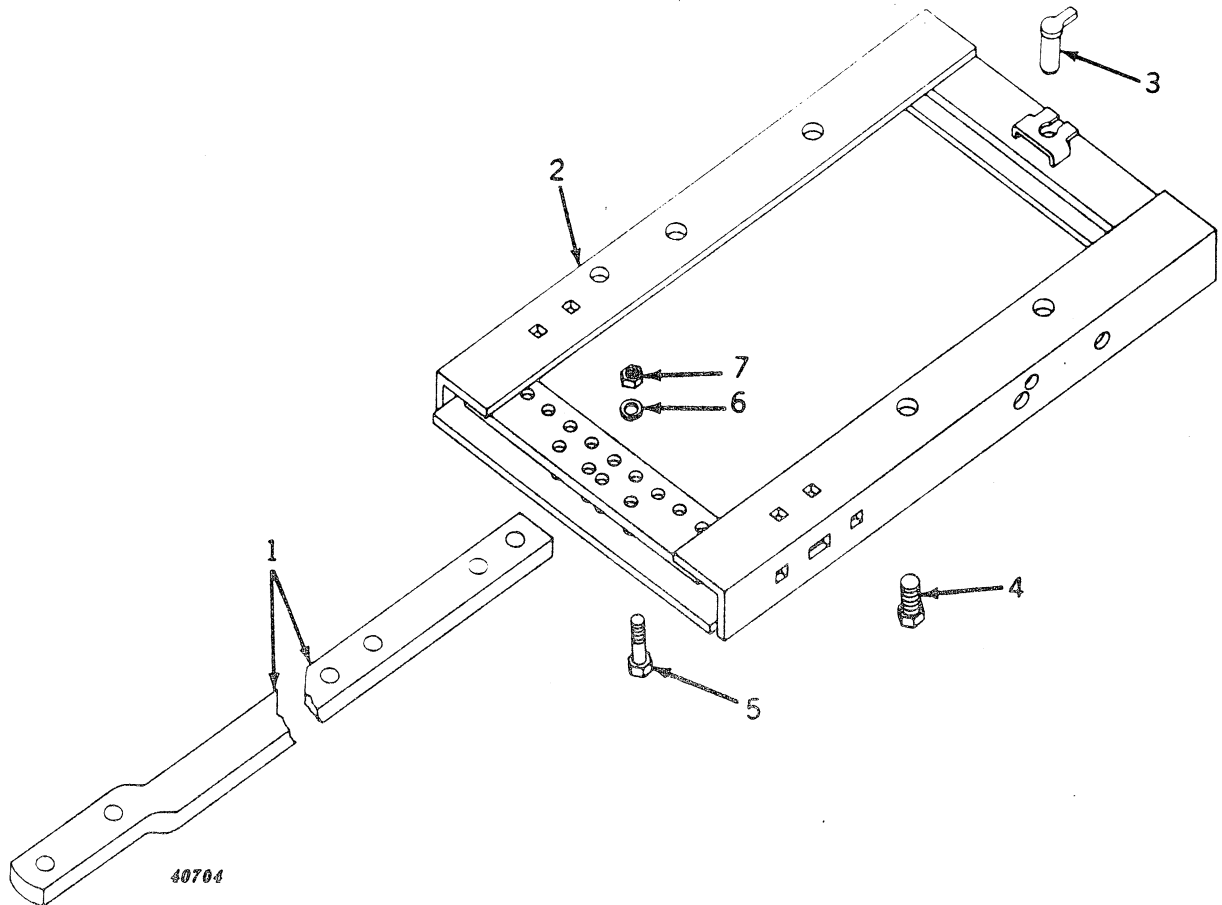
Key	Part No.	Serial No.	Description
1	AF 3215 R	( -7031299 )	Fender, L.H. (sub. for AF2371R and AF1821R)
	AF 2371 R	(7031300- )	Fender, L.H. (sub. AF3215R)
2	AF 2917 R	( - )	Side, tool box, with clips (sub. for AF1838R)
3	AF 3216 R	( - )	Cover, tool box, with hinge plate (sub. for AF1837R)
4	19H 2020	( - )	Screw, cap, high-strength, 5/16" x 1/2" (6 used)
	24H 1136	( - )	Washer, 11/32" x 11/16" x .060" (6 used)
5	F 2263 R	( - )	Rod, hinge
6	19H 1900	( -7031299 )	Screw, cap, high-strength, 5/16" x 3/4" (8 used)
	19H 1900	(7031300- )	Screw, cap, high-strength, 5/16" x 3/4" (4 used)
	19H 1905	( - )	Screw, cap, high-strength, 5/16" x 1" (4 used)
	24H 1136	( - )	Washer, 11/32" x 11/16" x .060" (8 used)
	12H 303	( - )	Washer, lock, 5/16" (8 used)
	14H 785	( - )	Nut, 5/16" (8 used)
7	AF 2266 R	( -7031299 )	Extension, platform, with clips, L.H. (sub. AF2349R)
	AF 2349 R	(7031300- )	Extension, platform, with clips, L.H.
8	AF 1834 R	( - )	Support, platform extension, inner, with nuts, L.H.
9	AA 6210 R	( - )	Support, platform extension, inner, with nuts, R.H.
10	AF 2344 R	( -7031299 )	Extension, platform, with clips, R.H. (sub. for AF2265R)
	AF 2344 R	(7031300- )	Extension, platform, with clips, R.H.
11	19H 2020	( - )	Screw, cap, high-strength, 5/16" x 1/2" (sub. for A3232R)
	24H 1136	( - )	Washer, 11/32" x 11/16" x .060"
12	F 2204 R	( - )	Cover, platform extension, R.H.
13	19H 1900	( - )	Screw, cap, high-strength, 5/16" x 3/4" (2 used) (sub. for H1085R)
	24H 1136	( - )	Washer, 21/64" x 3/4" x 16 gauge (4 used)
	12H 303	( - )	Washer, lock, 5/16" (2 used)
	14H 785	( - )	Nut, 5/16" (2 used)
14	AF 3214 R	( -7031299 )	Fender, R.H. (sub. for AF2370R and AF1820R)
	AF 2370 R	(7021300- )	Fender, R.H. (sub. AF3214R)
15	19H 1900	( - )	Screw, cap, high-strength, 5/16" x 3/4" (4 used) (sub. for H1085R)
	24H 1136	( - )	Washer, 11/32" x 11/16" x .060" (4 used)
	12H 303	( - )	Washer, lock, 5/16" (4 used)
16	19H 1833	( - )	Screw, cap, high-strength, 5/8" x 1-1/4" (8 used)
	12H 294	( - )	Washer, lock, 5/8" (8 used)
17	AF 1830 R	( - )	Latch, brake, with bracket, R.H.
	AF 1831 R	( - )	Latch, brake, with bracket, L.H.
18	19H 1731	( - )	Screw, cap, 3/8" x 1" (4 used)
	24H 1303	( - )	Washer, 13/32" x 11/16" x .060" (4 used)
	12H 304	( - )	Washer, lock, 3/8" (4 used)
	14H 255	( - )	Nut, 3/8" (4 used)
19	19H 2020	( - )	Screw, cap, high-strength, 5/16" x 1/2" (8 used) (sub. for A3232R)
	24H 1136	( - )	Washer, 11/32" x 11/16" x .060" (8 used)
20	19H 99	( - )	Screw, cap, high-strength, 5/16" x 9/16" (4 used)
	12H 303	( - )	Washer, lock, 5/16" (4 used)
21	19H 2020	( - )	Screw, cap, high-strength, 5/16" x 1/2" (3 used) (sub. for A3232R)
	24H 1136	( - )	Washer, 11/32" x 11/16" x .060" (3 used)
22	AR 20404 R	( -7031299 )	Platform (sub. for AF1829R)
	AF 2372 R	(7031300- )	Platform (sub. AR20404R)
23	F 1627 R	( - )	Guard, rockshaft (2 used) (on tractors with rockshaft only)
24	19H 1731	( - )	Screw, cap, high-strength, 3/8" x 1" (4 used) (on tractors with rockshaft only)
	12H 304	( - )	Washer, lock, 3/8" (4 used) (on tractors with rockshaft only)
	14H 812	( - )	Nut, 3/8" (4 used) (on tractors with rockshaft only)
25	21H 1083	( - )	Screw, mach., 1/2" x 1" (2 used)
	12H 333	( - )	Washer, lock, internal tooth, 1/2" (2 used) (sub. for B2573R)

FENDERS (Except Standard)  
(Serial No. 7017500- )



Key	Part No.	Serial No.	Description
1	AA 4655 R	( - )	Fender, R.H. and L.H.
2	19H 1833	( - )	Screw, cap, high-strength, 5/8" x 1-1/4" (2 used)
3	12H 294	( - )	Washer, lock, 5/8" (2 used)
4	24H 1378	( - )	Washer, 11/16" x 1-1/2" x .134" (2 used)

**DRAWBAR (Except Hi-Crop)**  
(Serial No. 7017500- )



Key	Part No.	Serial No.	Description
1	R 21331 R	( - )	Drawbar, swinging (sub. for F1344R)
2	AF 1503 R	( - )	Support
3	AF 3759 R	( - )	Pin, with handle (sub. for AF1318R)
4	19H 2088	( - )	Screw, cap, high-strength, 7/8" x 1-3/4" (4 used)
5	19H 1820	( - )	Screw, cap, high-strength, 1/2" x 3" (2 used)
6	12H 301	( - )	Washer, lock, 1/2" (2 used)
7	14H 391	( - )	Nut, 1/2" (2 used)

Part listed below is not illustrated.

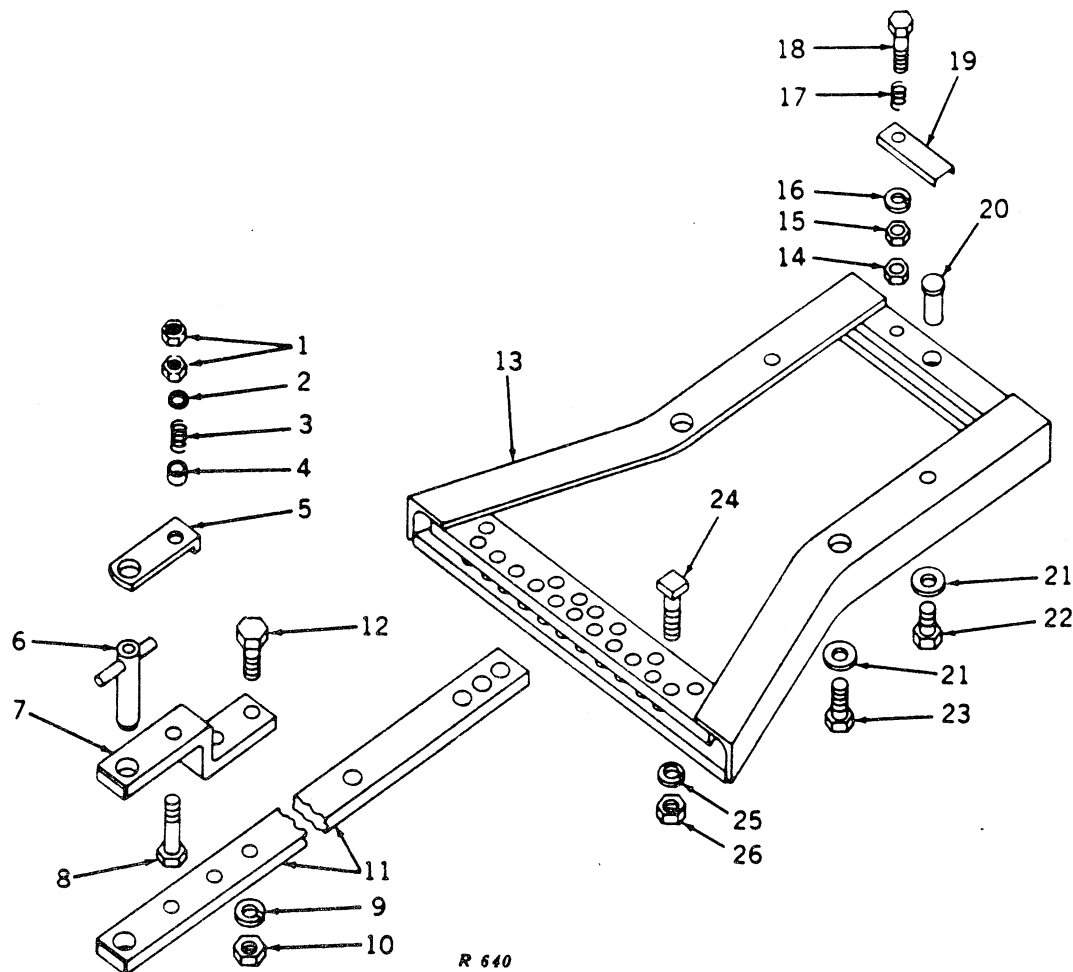
AA 3147 R	( - )	BAR, HITCH, WITH GUIDE (FOR USE WITH NO. 800 HITCH) (SUB. FOR AA5732R)
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**PARTS FOR HEAVY-DUTY DRAWBAR (Hi-Crop)**  
(Serial No. 7017500- )

Part No.	Serial No.	Description
8H 1868	( - )	Bolt, sq., drawbar to drawbar cross member (2 used)
14H 858	( - )	Nut, 3/4", cross member to side screw
14H 854	( - )	Nut, 1", drawbar to drawbar cross member bolt (2 used)
19H 1768	( - )	Screw, cap, high-strength, 3/4" x 2", cross member to side (4 used)
F 3368 R	( - )	Drawbar (heavy-duty)
F 3369 R	( - )	Member, drawbar cross, front
F 3370 R	( - )	Member, drawbar cross, rear
R 21336 R	( - )	Side, drawbar (2 used) (sub. for F3371R)

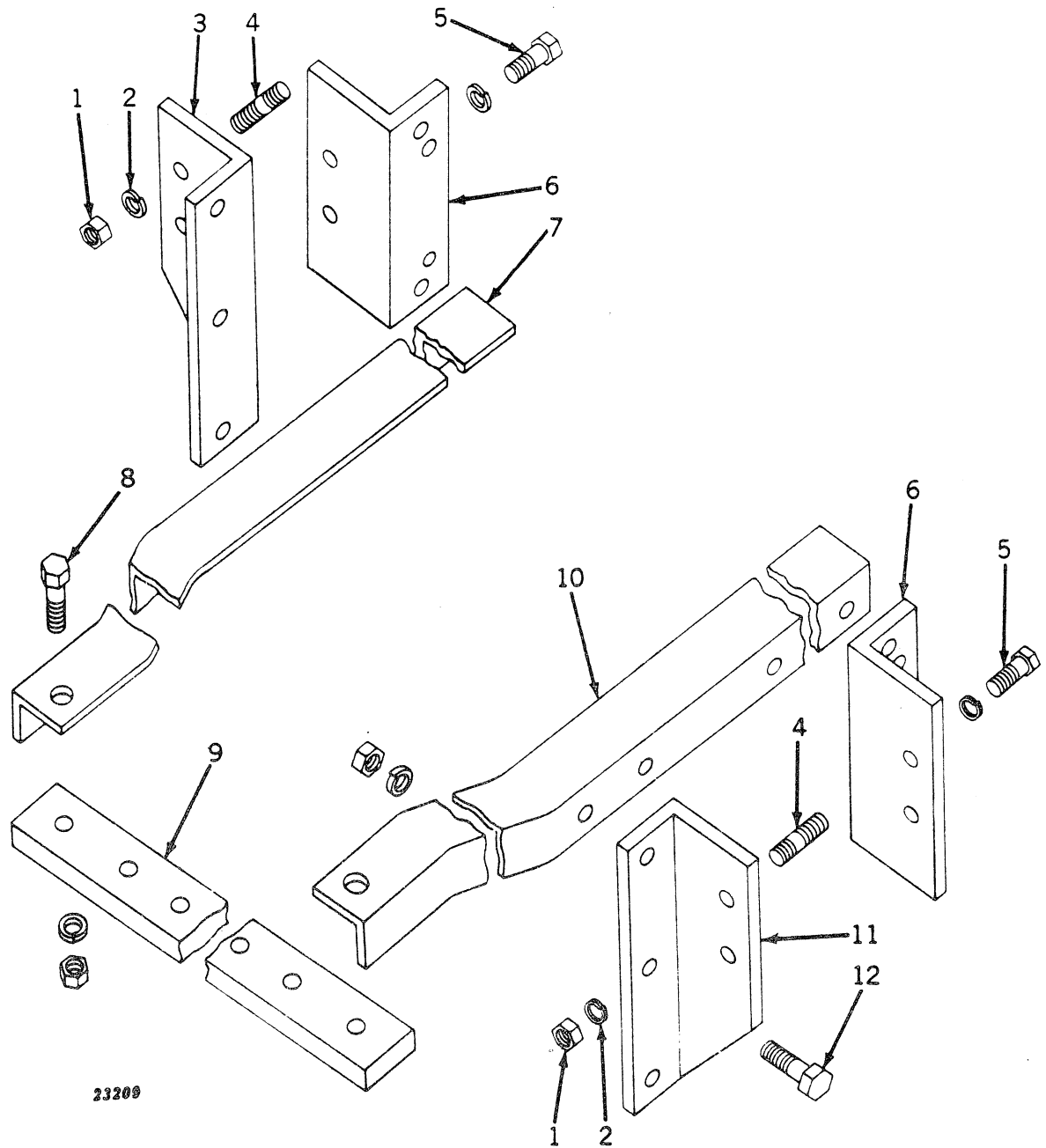
Capital letters indicate an attachment. Attachments must be listed on separate order from replacement parts order.

**HEAVY-DUTY DRAWBAR (Except Hi-Crop)**  
(Serial No. 7017500- )



Key	Part No.	Serial No.	Description
1	14H 760	( - )	Nut, 5/8" (2 used) (sub. for A5772R)
2	24H 1372	( - )	Washer, 21/32" x 1-1/2" x .060"
3	F 3541 R	( - )	Spring
4	F 3542 R	( - )	Spacer
5	F 3539 R	( - )	Retainer, drawbar pin
6	AR 937 R	( - )	Pin, drawbar, with handle
7	R 576 R	( - )	Strap, hammer
8	19H 2124	( - )	Screw, cap, high-strength, 5/8" x 4-1/4"
9	12H 236	( - )	Washer, lock, 3/4" (2 used)
10	14H 794	( - )	Nut, 3/4" (2 used) (sub. for A5405R)
11	R 21207 R	( - )	Drawbar, heavy-duty (sub. for F2450R)
12	19H 2113	( - )	Screw, cap, high-strength, 3/4" x 3-1/4" (2 used)
13	AF 2449 R	( - )	Support, drawbar, heavy-duty
14	14H 479	( - )	Nut, jam, 5/8"
15	14H 760	( - )	Nut, 5/8" (sub. for A5772R)
16	12H 294	( - )	Washer, lock, 5/8"
17	D 377 R	( - )	Spring
18	R 21028 R	( - )	Screw, cap, high-strength, 5/8" x 3-1/2"
19	F 2451 R	( - )	Retainer, drawbar pivot pin
20	F 3380 R	( - )	Pin, drawbar pivot (sub. for R577R)
21	A 5542 R	( - )	Washer (4 used)
22	19H 1908	( - )	Screw, cap, high-strength, 7/8" x 2" (2 used)
23	19H 2089	( - )	Screw, cap, high-strength, 7/8" x 2-3/4" (2 used)
24	19H 1505	( - )	Bolt, sq. hd., 3/4" x 4-1/4" (2 used)
25	12H 236	( - )	Washer, lock, 3/4" (2 used)
26	14H 794	( - )	Nut, 3/4" (2 used) (sub. for A5405R)

**DRAWBAR (Hi-Crop)**  
(Serial No. 7017500- )



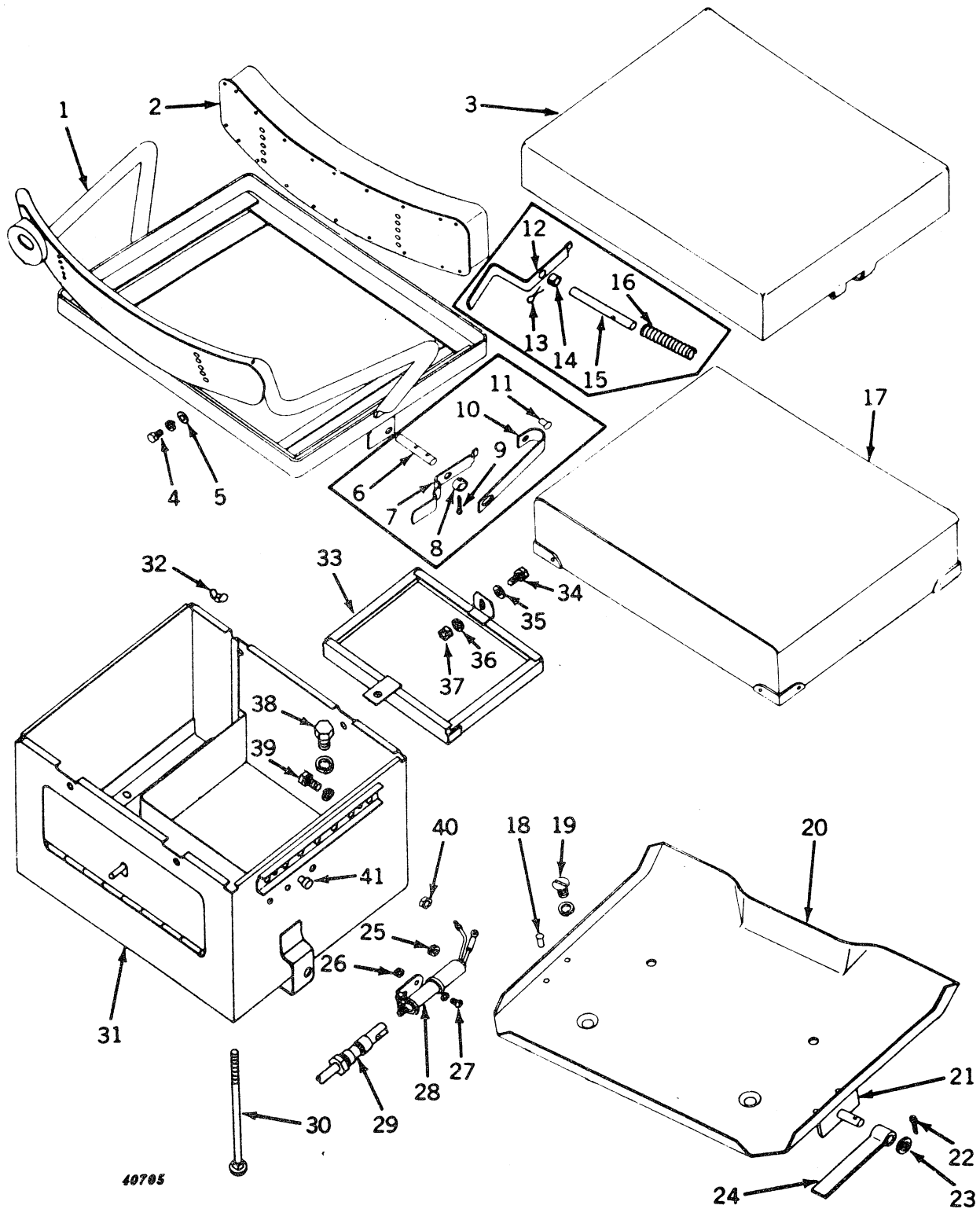
23209

Key	Part No.	Serial No.	Description
1	14H 858	( - )	Nut, 3/4" (4 used)
2	12H 236	( - )	Washer, lock, 3/4" (4 used)
3	R 21335 R	( - )	Support, drawbar, L.H. rear (sub. for F988R)
4	F 1024 R	( - )	Stud, 3/4" x 2-3/4" (4 used)
5	19H 1363	( - )	Screw, cap, high-strength, 3/4" x 1-7/8" (4 used)
	12H 236	( - )	Washer, lock, 3/4" (4 used)
6	F 986 R	( - )	Support, drawbar front (2 used)
7	F 985 R	( - )	Side, drawbar, L.H.
8	19H 1799	( - )	Screw, cap, high-strength, 1" x 3" (2 used)
	12H 234	( - )	Washer, lock, 1" (2 used)
	14H 854	( - )	Nut, 1" (2 used)
9	F 983 R	( - )	Drawbar
10	F 984 R	( - )	Side, drawbar, R.H.
11	R 21334 R	( - )	Support, drawbar, R.H. rear (sub. for F987R)
12	19H 1862	( - )	Screw, cap, high-strength, 3/4" x 2-1/2" (4 used)
	12H 236	( - )	Washer, lock, 3/4" (4 used)
	14H 858	( - )	Nut, 3/4" (4 used)



# SEAT, BATTERY BOX, AND PLATFORM

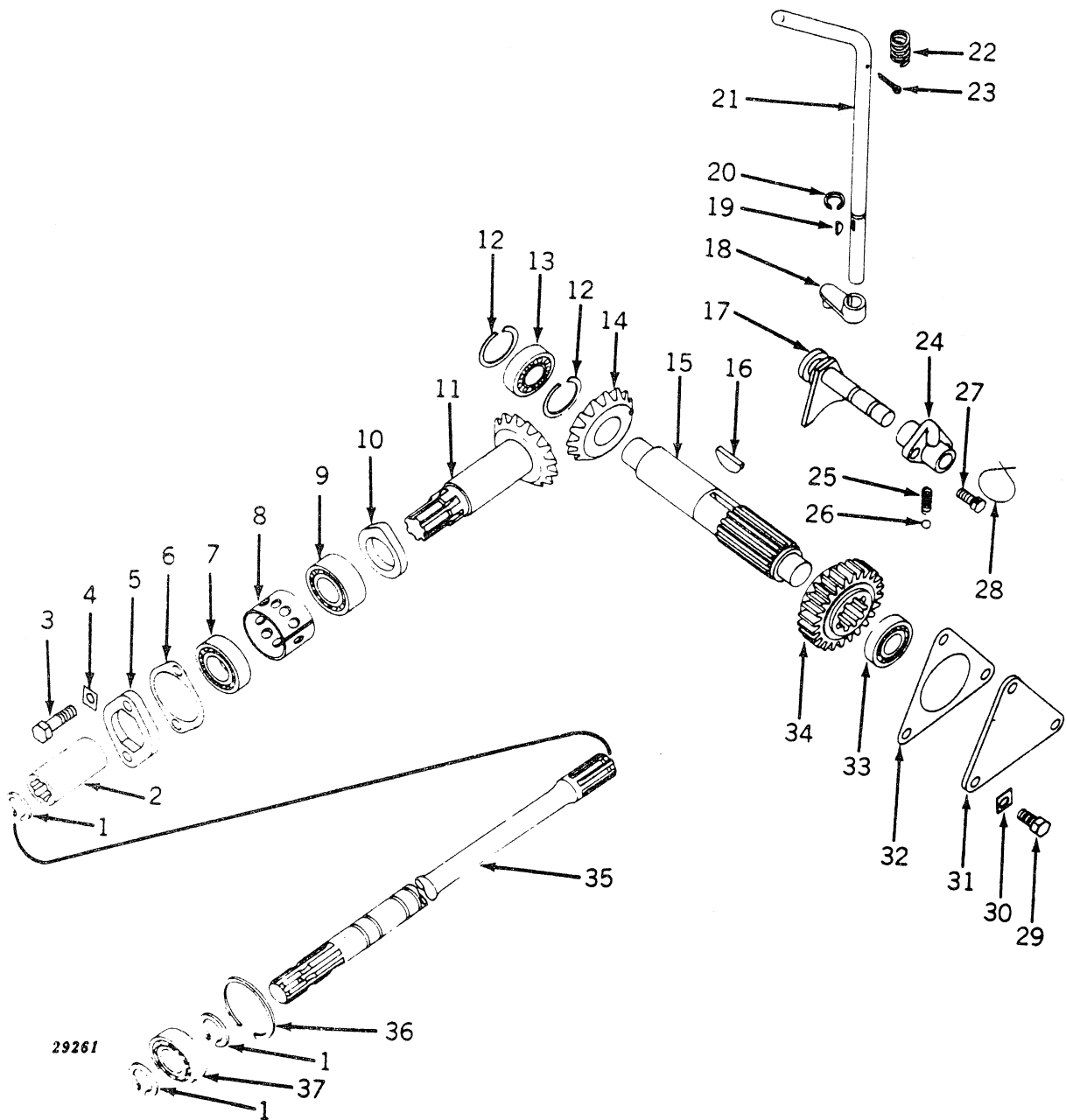
(Serial No. 7017500- )



SEAT, BATTERY BOX, AND PLATFORM -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AR 20084 R	( - )	Frame, seat (except standard) (sub. for AA5651R)
	AF 1827 R	( - )	Frame, seat (standard)
2	AA 5357 R	( - )	Cushion, seat back
3	R 32736 R	( - )	Cover, seat (white canvas) (sub. for AB3984R)
4	19H 1919	( - )	Screw, cap, high-strength, 1/4" x 5/8" (4 used) (sub. for A4192R and AA4960R)
	12H 297	( - )	Washer, lock, internal tooth, 1/4" (4 used) (sub. for A3012R)
5	24H 1286	( - )	Washer, 9/32" x 1/2" x .060" (4 used)
6	A 3335 R	( - )	Pin, seat adjusting (except standard)
7	A 3334 R	( - )	Lever, seat adjusting (except standard)
8	B 2671 R	( - )	Spacer
9	11H 236	( - )	Pin, cotter, 1/8" x 1"
10	A 3332 R	( - )	Spring, seat adjusting (except standard)
11	16H 1071	( - )	Rivet, 5/16" x 1/2" (except standard)
12	B 2669 R	( - )	Lever, seat adjusting (standard)
13	11H 236	( - )	Pin, cotter, 1/8" x 1"
14	B 2671 R	( - )	Spacer
15	B 2670 R	( - )	Pin, seat adjusting (standard)
16	B 2672 R	( - )	Spring, seat adjusting pin (standard)
17	AR 28301 R	( - )	Cushion, seat (sub. for AR4035R)
	AA 4847 R	( - )	Cushion, seat (special all-rubber)
18	16H 672	( - )	Rivet, 1/4" x 3/4" (4 used) (except standard)
19	21H 1083	( - )	Screw, mach., 1/2" x 1" (2 used) (except standard)
	12H 333	( - )	Washer, lock, internal tooth, 1/2" (2 used) (except standard) (sub. for B2573R)
20	AR 20403 R	( - )	Platform, with brake latch supports (except standard) (sub. for AF1021R)
21	AB 330 R	( - )	Support, brake latch, with pivot (2 used) (except standard)
22	11H 236	( - )	Pin, cotter, 1/8" x 1" (2 used) (except standard)
23	24H 1355	( - )	Washer, 37/64" x 1-1/8" x .120" (2 used) (except standard)
24	B 2149 R	( - )	Latch, brake (2 used) (except standard) (packed 2 in a pkg.)
25	R 2579 R	( - )	Grommet (packed 5 in a pkg.) (sub. for B1580R)
26	14H 778	( - )	Nut, no. 10 (2 used)
27	21H 1017	( - )	Screw, mach., no. 10 x 3/8" (2 used)
	12H 295	( - )	Washer, lock, no. 10 (2 used) (sub. for A3010R)
28	AM 2049 T	( - )	Socket, electrical outlet
29	AA 5691 R	( - )	Plug, electrical outlet, with cable
	AA 5692 R	( - )	Plug, electrical outlet, less cable
30	B 2566 R	( - )	Bolt, cge., 1/4" x 9"
31	AF 3846 R	( - )	Box, battery, with door (sub. for AF2077R)
32	14H 844	( - )	Nut, wing, 1/4" (sub. for C1572R)
33	AF 3819 R	( - )	Clamp, battery, with clips (sub. for AF2079)
34	19H 99	( - )	Screw, cap, high-strength, 5/16" x 9/16"
35	24H 1136	( - )	Washer, 11/32" x 11/16" x .060"
36	12H 303	( - )	Washer, lock, 5/16"
37	14H 785	( - )	Nut, 5/16"
38	19H 1895	( - )	Screw, cap, high-strength, 1/2" x 3/4" (4 used) (sub. for F2275R)
	12H 301	( - )	Washer, lock, 1/2" (4 used)
39	19H 1936	( - )	Screw, cap, high-strength, 3/8" x 3/4" (sub. for F2272R)
	12H 304	( - )	Washer, lock, 3/8"
40	14H 841	( - )	Nut, 3/8"
41	F 2272 R	( - )	Rivet (sub. for B2579R)
Parts listed below are not illustrated.			
	AA 4932 R	( - )	Kit, seat cushion parts, consisting of cover assembly, corner brackets, and nails for attaching corner brackets (for AA4847R and AB4035R seat cushions)
	AB 4095 R	( - )	Kit, seat cushion parts, consisting of cover assembly, molded foam rubber topper, corner brackets, and nails for attaching corner brackets (for AB4035R seat cushion)

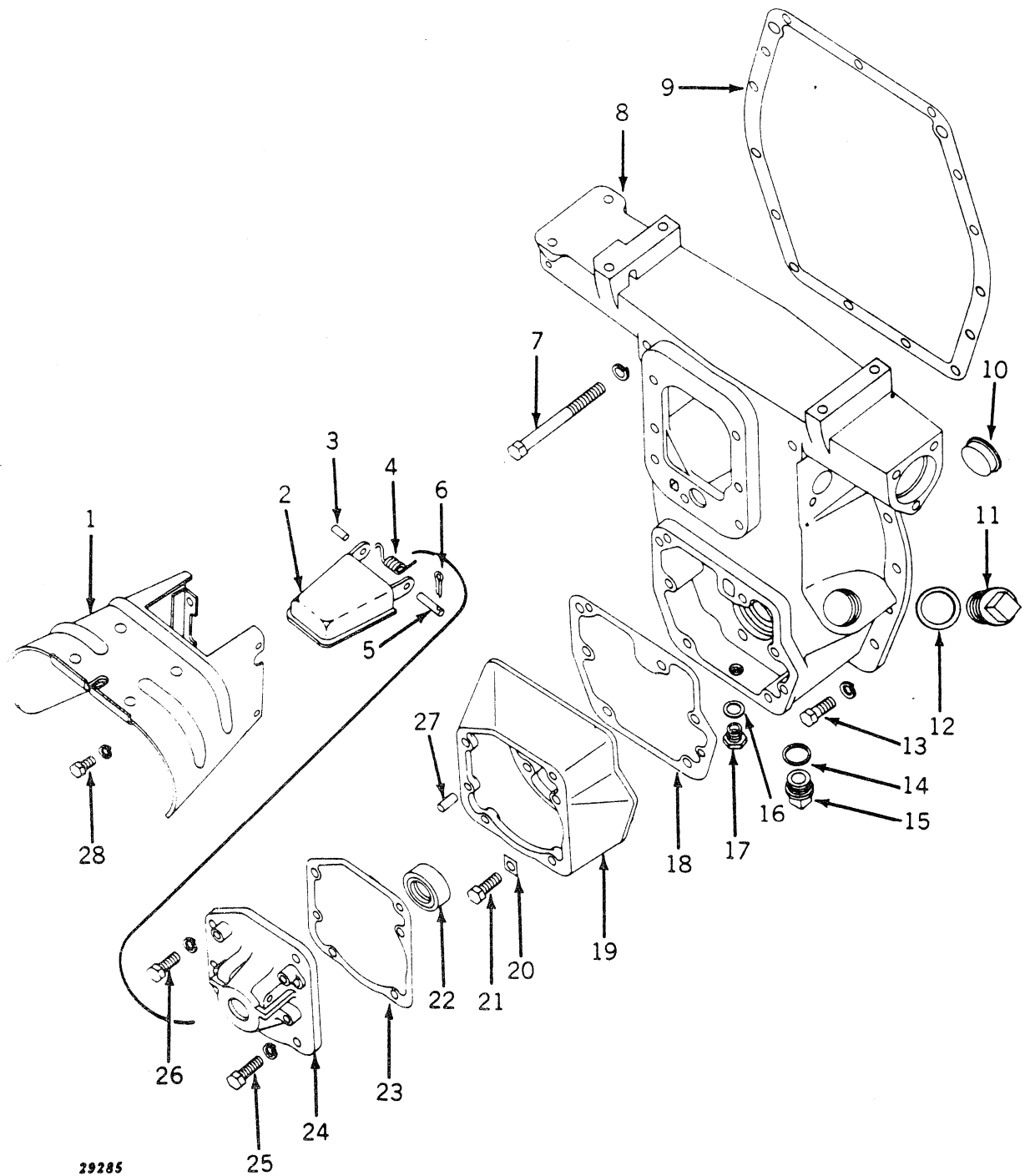
POWERSHAFT (Transmission-Driven)  
(Serial No. 7017500- )



**POWERSHAFT (Transmission-Driven) -- Continued**  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	F 215 R	( - )	Ring, snap (packed 2 in a pkg. )
2	F 955 R	( - )	Coupling
3	19H 1815	( - )	Screw, cap, high-strength, 1/2" x 1-1/4" (2 used)
4	F 262 R	( - )	Plate, lock (2 used) (packed 2 in a pkg. )
5	F 259 R	( - )	Cover
6	F 1496 R	( - )	Shim, steel, thin (sub. for F1497R and F1498R)
7	JD 7502	( - )	Bearing
8	AF 1740 R	( - )	Spacer
9	JD 7951	( - )	Bearing
10	F 1516 R	( - )	Washer, thrust
11	F 952 R	( - )	Gear, bevel driven (19 teeth)
12	B 334 R	( - )	Ring, snap (2 used)
13	AA 6619 R	( - )	Bearing (sub. for JD7538)
14	AF 1222 R	( - )	Gear, bevel drive (20 teeth) (sub. F926R)
15	F 1296 R	( - )	Shaft, drive
16	26H 99	( - )	Key, Woodruff, 1/4" x 1-1/2"
17	AF 1505 R	( - )	Shaft, shifter, with yoke
18	A 552 R	( - )	Arm, shifter
19	26H 14	( - )	Key, Woodruff, 3/16" x 3/4"
20	B 387 R	( - )	Ring, snap (packed 5 in a pkg. )
21	F 1248 R	( - )	Lever, shifter
22	D 377 R	( - )	Spring
23	11H 216	( - )	Pin, cotter, 3/16" x 1"
24	F 2541 R	( - )	Bearing, shifter shaft (sub. for A4520R)
25	D 993 R	( - )	Spring (packed 2 in a pkg. )
26	405 R	( - )	Ball (packed 2 in a pkg. )
27	D 459 R	( - )	Screw, cap, high-strength, 3/8" x 1" (drilled) (2 used)
28	.....	( - )	Wire, 16 gauge x 6" long
29	19H 1822	( - )	Screw, cap, high-strength, 7/16" x 1" (3 used)
30	A 4605 R	( - )	Plate, lock (packed 2 in a pkg. )
31	F 1297 R	( - )	Cover
32	F 1494 R	( - )	Shim, steel, .010"
	F 1298 R	( - )	Shim, steel, .018"
	F 1299 R	( - )	Shim, steel, .036" (sub. F1298R)
	F 1481 R	( - )	Shim, steel, .006"
33	JD 7675	( - )	Bearing
34	F 1303 R	( - )	Gear, sliding (22 teeth)
35	A 4566 R	( - )	Powershaft
36	A 365 R	( - )	Ring, snap
37	JD 7190	( - )	Bearing

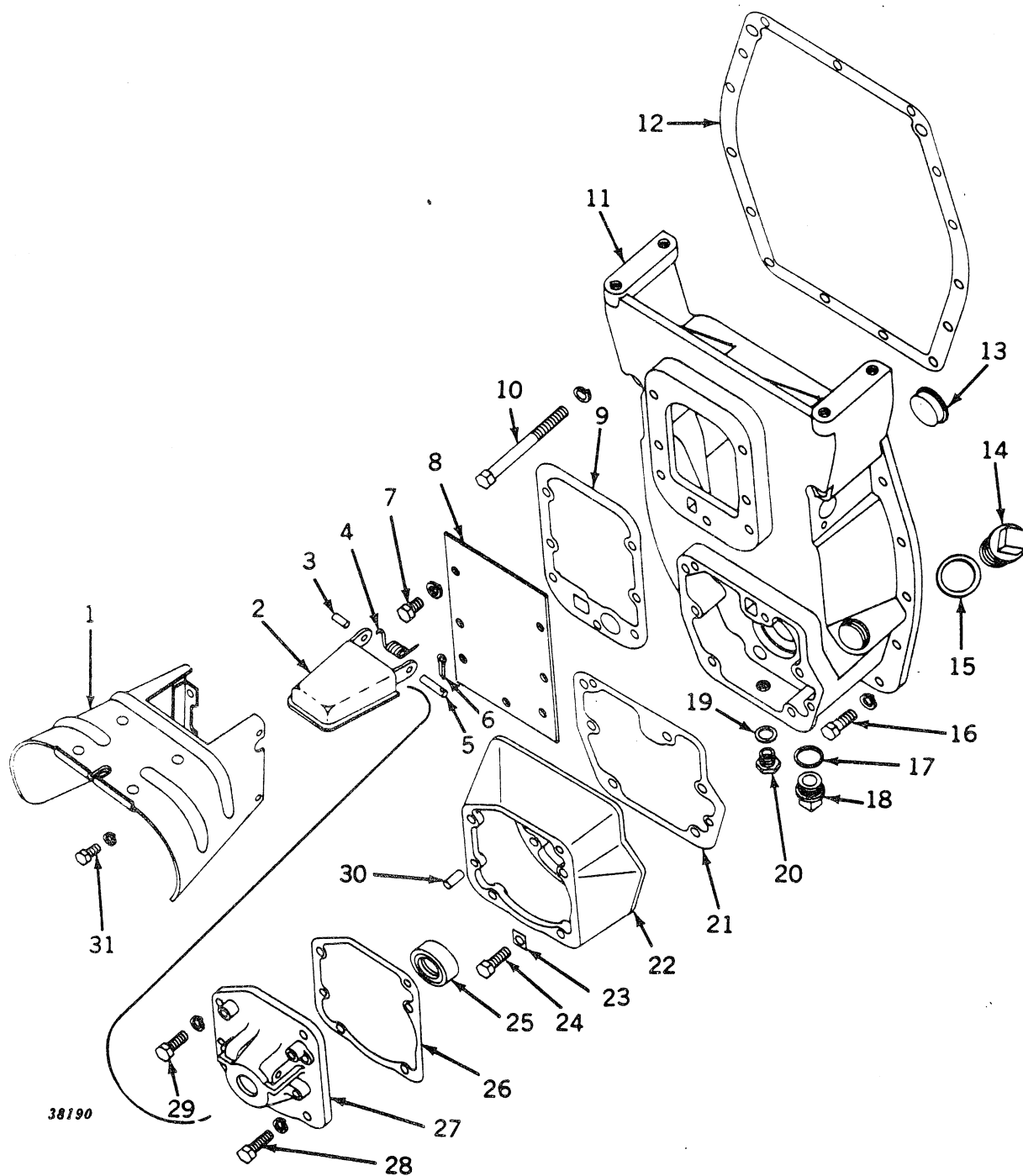
POWR-TROL AND POWERSHAFT HOUSING (Transmission-Driven Powershaft)  
(Serial No. 7017500- )



POWER-TROL AND POWERSHAFT HOUSING (Transmission-Driven  
Powershaft) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AA 5243 R	( - )	Shield, safety
2	AA 5288 R	( - )	Guard, flipper
3	A 3959 R	( - )	Pin, L.H.
4	F 711 R	( - )	Spring
5	A 4583 R	( - )	Pin, R.H.
6	11H 234	( - )	Pin, cotter, 3/32" x 1"
7	19H 2076	( - )	Screw, cap, high-strength, 5/8" x 5" (2 used)
	12H 294	( - )	Washer, lock, 5/8" (2 used)
8	AF 1660 R	( - )	Housing, F1211R
9	F 265 R	( - )	Gasket (packed 5 in a pkg. )
10	A 3256 R	( - )	Plug
11	A 4806 R	( - )	Plug
12	A 4808 R	( - )	Washer
13	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (12 used)
	12H 293	( - )	Washer, lock, 7/16" (12 used)
14	H 851 R	( - )	Washer (packed 2 in a pkg. )
15	A 4805 R	( - )	Plug
16	R 229 R	( - )	Washer (packed 2 in a pkg. )
17	R 228 R	( - )	Plug
18	A 4555 R	( - )	Gasket (packed 5 in a pkg. )
19	F 1345 R	( - )	Housing, coupling
20	A 4605 R	( - )	Plate, lock (4 used)
21	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (4 used)
22	AA 2296 R	( - )	Seal, oil
23	A 4616 R	( - )	Gasket (packed 2 in a pkg. )
24	A 4620 R	( - )	Housing, bearing
25	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (3 used)
	12H 293	( - )	Washer, lock, 7/16" (3 used)
26	19H 1978	( - )	Screw, cap, high-strength, 7/16" x 1-1/2"
	12H 293	( - )	Washer, lock, 7/16"
27	A 4879 R	( - )	Pin, dowel (4 used) (packed 2 in a pkg. )
28	19H 1936	( - )	Screw, cap, 3/8" x 3/4" (4 used) (sub. for F2272R)
	12H 304	( - )	Washer, lock, 3/8" (4 used)

POWER-TROL AND POWERSHAFT HOUSING, LESS ROCKSHAFT (Transmission-Driven  
Powershaft) (Standard)  
(Serial No. 7017500- )

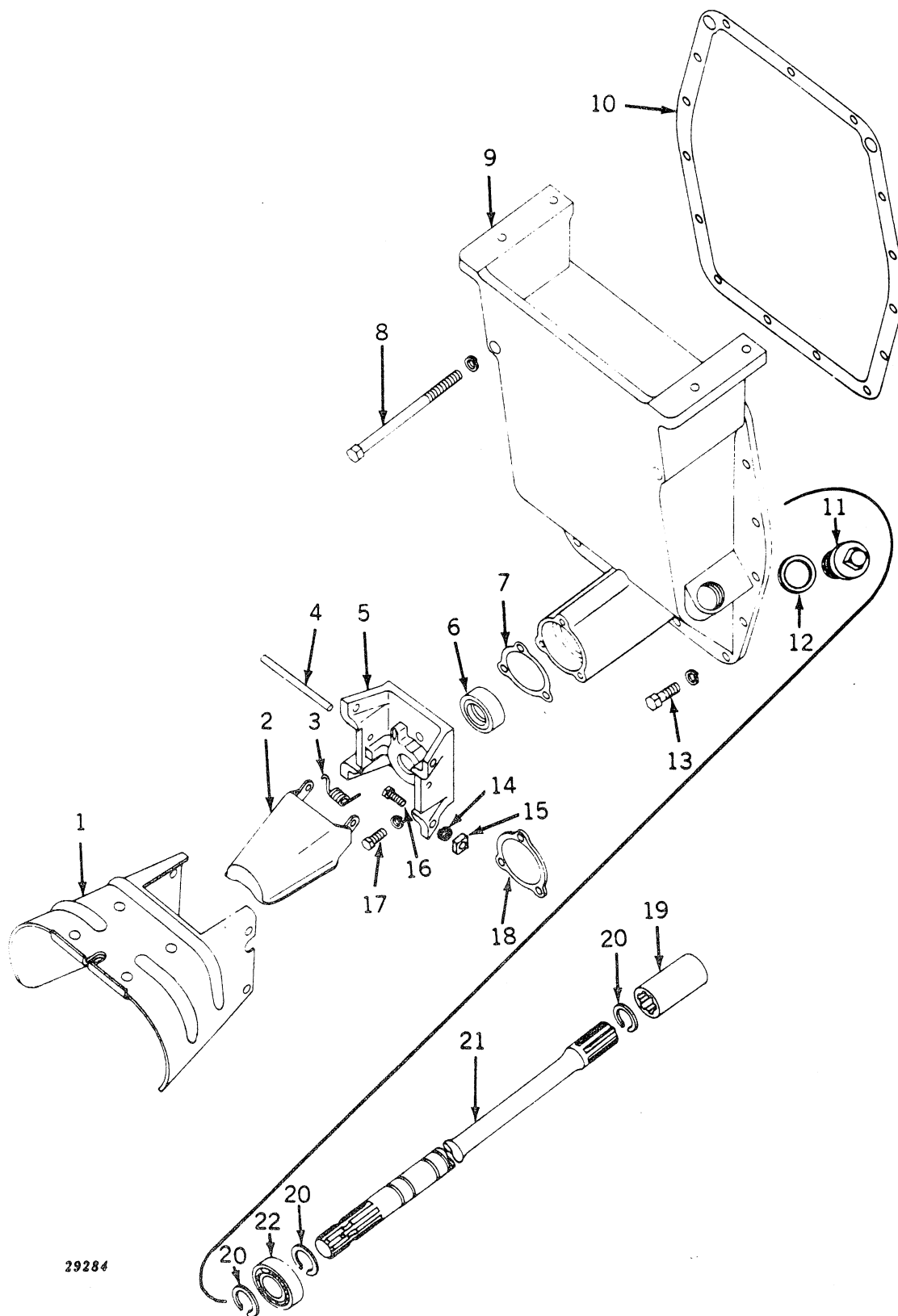


POWR-TROL AND POWERSHAFT HOUSING, LESS ROCKSHAFT (Transmission-Driven  
Powershaft) (Standard) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AA 5243 R	( - )	Shield, safety
2	AA 5288 R	( - )	Guard, flipper
3	A 3959 R	( - )	Pin, L.H.
4	F 711 R	( - )	Spring
5	A 4583 R	( - )	Pin, R.H.
6	11H 234	( - )	Pin, cotter, 3/32" x 1"
7	19H 1895	( - )	Screw, cap, high-strength, 1/2" x 3/4" (7 used) (tractors without powr-trol) (sub. for F2275R)
	12H 301	( - )	Washer, lock, 1/2" (7 used) (tractors without powr-trol)
8	R 850 R	( - )	Cover (tractors without powr-trol)
9	A 1447 R	( - )	Gasket (packed 5 in a pkg.)
10	19H 2076	( - )	Screw, cap, high-strength, 5/8" x 5" (2 used)
	12H 294	( - )	Washer, lock, 5/8" (2 used) (packed 5 in a pkg.)
11	AF 1812 R	( - )	Housing, F1633R
12	F 265 R	( - )	Gasket (packed 5 in a pkg.)
13	A 3256 R	( - )	Plug
14	A 4806 R	( - )	Plug
15	A 4808 R	( - )	Washer
16	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (12 used)
	12H 293	( - )	Washer, lock, 7/16" (12 used)
17	H 851 R	( - )	Washer (packed 2 in a pkg.)
18	A 4805 R	( - )	Plug
19	R 229 R	( - )	Washer (packed 2 in a pkg.)
20	R 228 R	( - )	Plug
21	A 4555 R	( - )	Gasket (packed 5 in a pkg.)
22	F 1345 R	( - )	Housing, coupling
23	A 4605 R	( - )	Plate, lock (4 used)
24	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (4 used)
25	AA 2296 R	( - )	Seal, oil
26	A 4616 R	( - )	Gasket (packed 2 in a pkg.)
27	A 4620 N	( - )	Housing, bearing
28	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (3 used)
	12H 293	( - )	Washer, lock, 7/16" (3 used)
29	19H 1978	( - )	Screw, cap, high-strength, 7/16" x 1-1/2"
	12H 293	( - )	Washer, lock, 7/16"
30	A 4879 R	( - )	Pin, dowel (4 used) (packed 2 in a pkg.)
31	19H 1936	( - )	Screw, cap, high-strength, 3/8" x 3/4" (4 used) (sub. for F2272R)
	12H 304	( - )	Washer, 3/8" (4 used)



POWERSHAFT HOUSING LESS POWR-TROL (Transmission-Driven Powershaft)  
(Serial No. 7017500- )

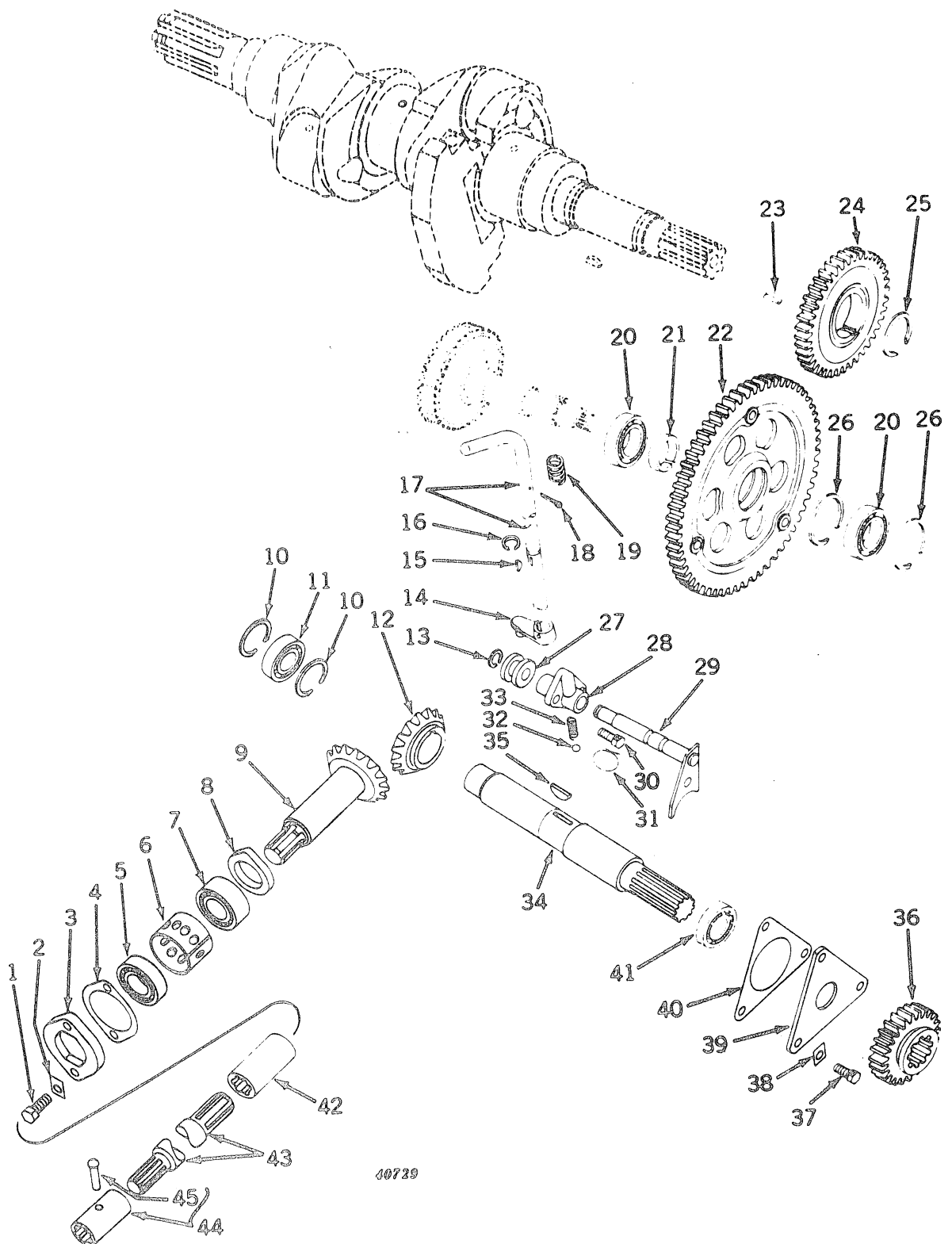


29284

POWERSHAFT HOUSING LESS POWR-TROL (Transmission-Driven  
Powershaft) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AA 2297 R	( - )	Shield, safety
2	AA 3522 R	( - )	Guard, flipper, with hinge
3	F 711 R	( - )	Spring
4	F 710 R	( - )	Pin
5	A 2930 R	( - )	Housing, oil seal
6	AA 2296 R	( - )	Seal, oil
7	A 2396 R	( - )	Gasket (packed 5 in a pkg.)
8	19H 2331	( - )	Screw, cap, high-strength, 5/8" x 7" (2 used)
	12H 294	( - )	Washer, lock, 5/8" (2 used)
9	F 951 R	( - )	Cover, rear axle housing
10	F 265 R	( - )	Gasket (packed 5 in a pkg.)
11	A 4806 R	( - )	Plug
12	A 4808 R	( - )	Washer
13	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (12 used)
	12H 293	( - )	Washer, lock, 7/16" (12 used)
14	12H 303	( - )	Washer, lock, 5/16" (4 used)
15	14H 785	( - )	Nut, sq., 5/16" (4 used) (sub. for AA4958R or A4126R)
16	A 4125 R	( - )	Screw, mach., 5/16" x 1" (4 used) (sub. for AA4956R)
17	19H 1731	( - )	Screw, cap, high-strength, 3/8" x 1" (3 used)
	12H 304	( - )	Washer, lock, 3/8" (3 used)
18	A 2395 R	( - )	Cover (used only when powershaft is removed) (not furnished)
19	F 955 R	( - )	Coupling
20	F 215 R	( - )	Ring, snap (3 used) (packed 2 in a pkg.)
21	A 4566 R	( - )	Powershaft
22	JD 7190	( - )	Bearing

POWERSHAFT (Engine-Driven)  
(Serial No. 7017500- )

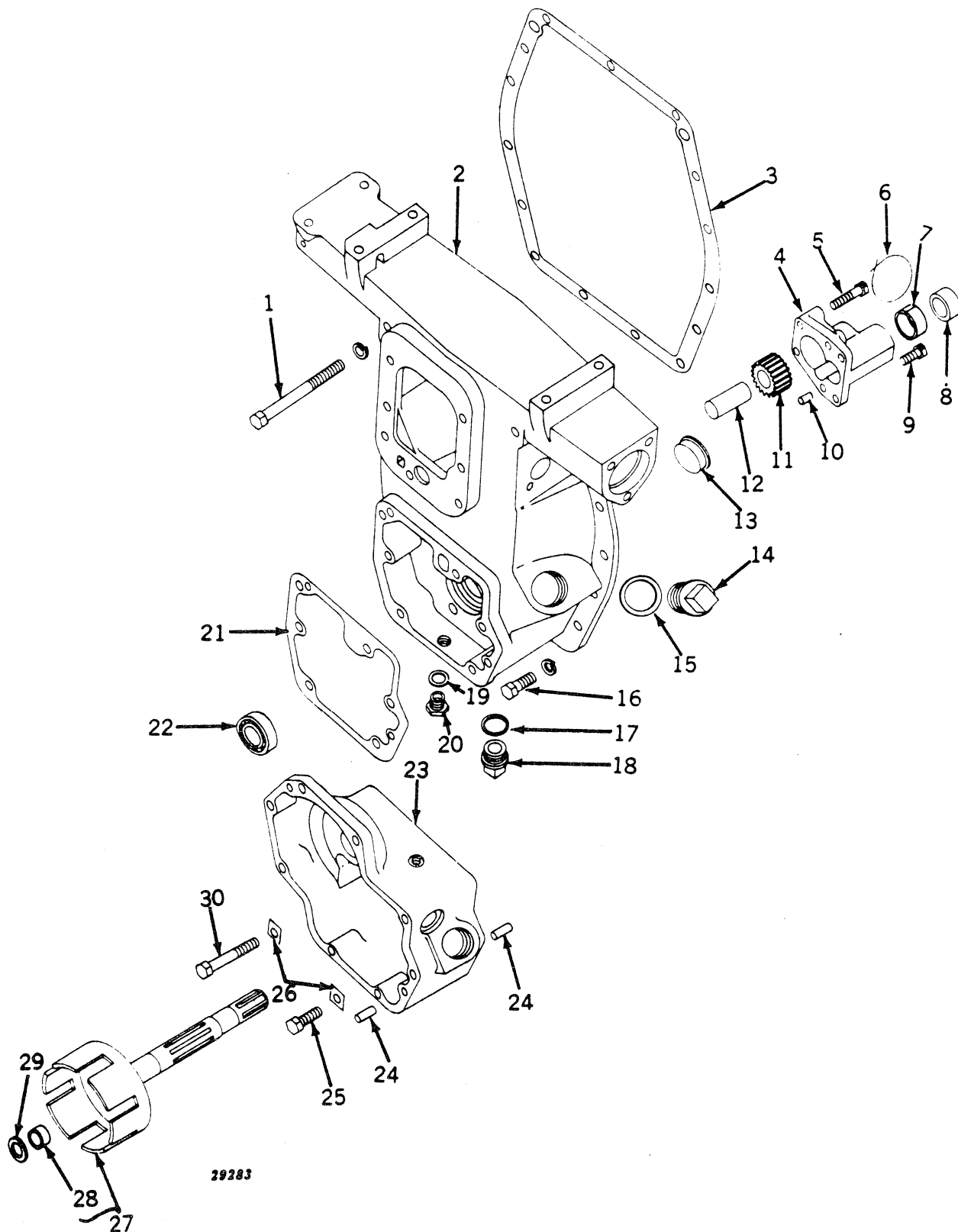


40729

POWERSHAFT (Engine-Driven) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	19H 1815	( - )	Screw, cap, high-strength, 1/2" x 1-1/4" (2 used)
2	F 262 R	( - )	Plate, lock (2 used)
3	F 259 R	( - )	Cover
4	F 1496 R	( - )	Shim, steel, thin (sub. for F1497R and F1498R)
5	JD 7502	( - )	Bearing
6	AF 1740 R	( - )	Spacer
7	JD 7951	( - )	Bearing
8	F 1516 R	( - )	Washer, thrust
9	F 2026 R	( - )	Gear, bevel driven (22 teeth)
10	B 334 R	( - )	Ring, snap (2 used)
11	AA 6619 R	( - )	Bearing (sub. for JD7538)
12	F 2025 R	( - )	Gear, bevel drive (20 teeth)
13	11H 216	( - )	Pin, cotter, 3/16" x 1"
14	A 552 R	( - )	Arm, shifter
15	26H 14	( - )	Key, Woodruff, 3/16" x 3/4"
16	B 387 R	( - )	Ring, snap (packed 5 in a pkg.)
17	F 1248 R	( - )	Lever, shifter
18	11H 216	( - )	Pin, cotter, 3/16" x 1"
19	D 377 R	( - )	Spring
20	JD 8510	( - )	Bearing (2 used)
21	F 1337 R	( - )	Spacer
22	AF 1545 R	( - )	Gear, idler, with F1335R spider
23	26H 85	( - )	Key, Woodruff, 1/4" x 1"
24	F 2023 R	( - )	Gear, drive
25	F 1334 R	( - )	Ring, snap
26	A 4514 R	( - )	Ring, snap (2 used)
27	A 4523 R	( - )	Spool, shifter shaft
28	F 2541 R	( - )	Bearing, shifter shaft (sub. for A4520R)
29	AF 1547 R	( - )	Shaft, shifter, with yoke
30	D 459 R	( - )	Screw, cap, 3/8" x 1" (drilled) (2 used)
31	.....	( - )	Wire, 16 gauge x 6" long
32	405 R	( - )	Ball (packed 2 in a pkg.)
33	D 993 R	( - )	Spring (packed 2 in a pkg.)
34	F 2024 R	( - )	Shaft, drive
35	26H 85	( - )	Key, Woodruff, 1/4" x 1"
36	F 1342 R	( - )	Gear, sliding (27 teeth)
37	19H 1822	( - )	Screw, cap, high-strength, 7/16" x 1" (3 used)
38	A 4605 R	( - )	Plate, lock (3 used) (packed 2 in a pkg.)
39	F 1341 R	( - )	Cover
40	F 1494 R	( - )	Shim, steel, .010"
	F 1298 R	( - )	Shim, steel, .018"
	F 1299 R	( - )	Shim, steel, .036" (sub. F1298R)
	F 1481 R	( - )	Shim, steel, .060"
41	JD 7675	( - )	Bearing
42	A 2428 R	( - )	Coupling
43	A 4524 R	( - )	Shaft, coupling
44	AR 935 R	( - )	Coupling, with rivet
45	16H 749	( - )	Rivet, R.I.O.H., 1/4" x 1-3/4"

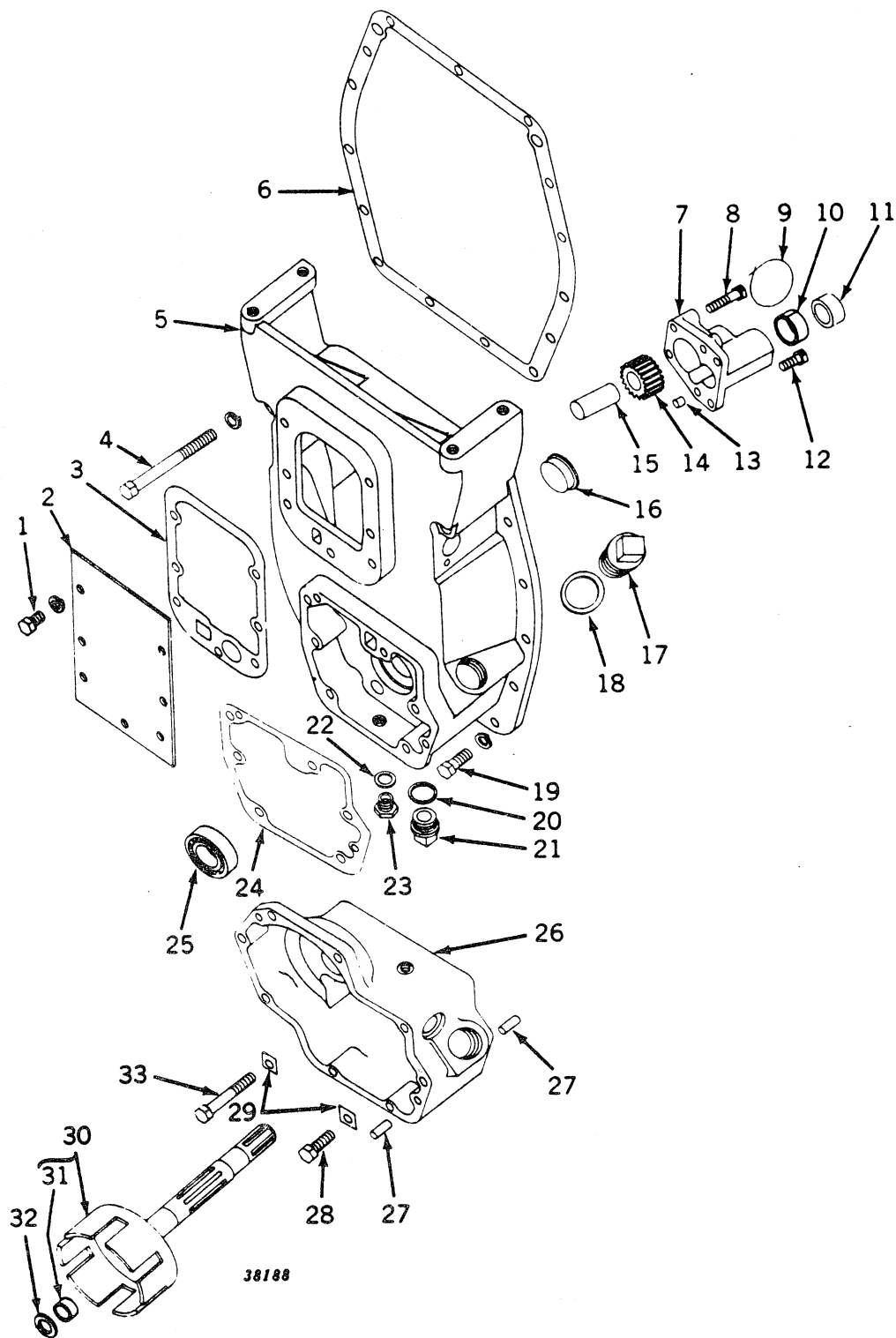
POWR-TROL AND POWERSHAFT HOUSING (Engine-Driven Powershaft)  
(Serial No. 7017500- )



POWER-TROL AND POWERSHAFT HOUSING (Engine-Driven Powershaft) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	19H 2076	( - )	Screw, cap, high-strength, 5/8" x 5" (2 used)
	12H 294	( - )	Washer, lock, 5/8" (2 used)
2	AF 1660 R	( - )	Housing, F1211R
3	F 265 R	( - )	Gasket (packed 5 in a pkg.)
4	AA 5666 R	( - )	Housing, A4793R, pump, with shaft and bushing
5	A 4569 R	( - )	Screw, cap, 3/8" x 1-3/4" (drilled) (2 used)
6	.....	( - )	Wire, 16 gauge x 9" long (2 used)
7	A 4795 R	( - )	Bushing
8	AA 5247 R	( - )	Seal, oil
9	D 459 R	( - )	Screw, cap, 3/8" x 1" (drilled) (2 used)
10	A 4879 R	( - )	Pin, dowel (2 used)
11	AA 5281 R	( - )	Gear, pump idler, with bushing
12	A 3909 R	( - )	Shaft, idler gear
13	A 3256 R	( - )	Plug
14	A 4806 R	( - )	Plug
15	A 4808 R	( - )	Washer
16	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (12 used)
	12H 293	( - )	Washer, lock, 7/16" (12 used)
17	H 851 R	( - )	Washer (packed 2 in a pkg.)
18	A 4805 R	( - )	Plug
19	R 229 R	( - )	Washer (packed 2 in a pkg.)
20	R 228 R	( - )	Plug
21	A 4555 R	( - )	Gasket (packed 5 in a pkg.)
22	JD 8514	( - )	Bearing
23	F 1330 R	( - )	Housing, clutch (on 7031300 and up, also furnish A3098R and 19H2038)
24	A 4879 R	( - )	Pin, dowel (4 used)
25	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (4 used)
26	A 4605 R	( - )	Plate, lock (6 used)
27	AF 1540 R	( - )	Drum, clutch, with shaft and bushing
28	A 4797 R	( - )	Bushing
29	A 4798 R	( - )	Washer, thrust (packed 2 in a pkg.)
30	19H 2253	( - )	Screw, cap, high-strength, 7/16" x 3-1/2" (2 used)

POWER-TROL AND POWERSHAFT HOUSING, LESS ROCKSHAFT (Engine-Driven Powershaft) (Standard)  
(Serial No. 7017500- )

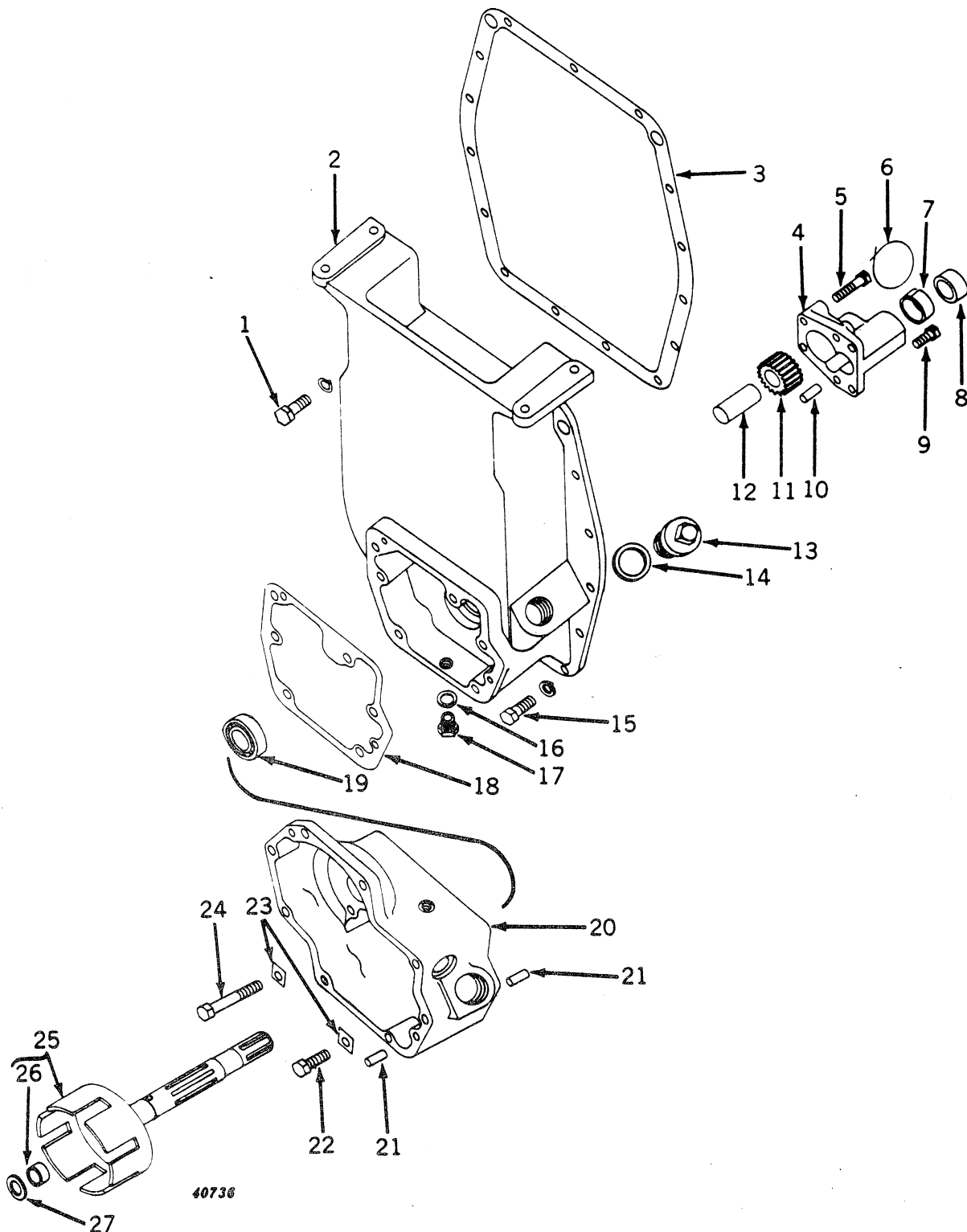


POWER-TROL AND POWERSHAFT HOUSING, LESS ROCKSHAFT (Engine-Driven Powershaft) (Standard) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	19H 1895	( - )	Screw, cap, high-strength, 1/2" x 3/4" (7 used) (tractors without powr-trol) (sub. for F2275R)
	12H 301	( - )	Washer, lock, 3/4" (7 used) (tractors without powr-trol)
2	R 850 R	( - )	Cover (tractors without powr-trol)
3	A 1447 R	( - )	Gasket (packed 5 in a pkg.)
4	19H 2076	( - )	Screw, cap, high-strength, 5/8" x 5" (2 used)
	12H 294	( - )	Washer, lock, 5/8" (2 used) (packed 5 in a pkg.)
5	AF 1812 R	( - )	Housing, F1633R
6	F 265 R	( - )	Gasket (packed 5 in a pkg.)
7	AA 5666 R	( - )	Housing, A4793R, pump, with shaft and bushing
8	A 4569 R	( - )	Screw, cap, 3/8" x 1-3/4" (drilled) (2 used)
9	.....	( - )	Wire, 16 gauge x 9" long (2 used)
10	A 4795 R	( - )	Bushing
11	AA 5247 R	( - )	Seal, oil
12	D 459 R	( - )	Screw, cap, 3/8" x 1" (drilled) (2 used)
13	R 26650 R	( - )	Pin, dowel (2 used) (packed 2 in a pkg.) (sub. for A4879R)
14	AA 5281 R	( - )	Gear, pump idler, with bushing
15	A 3909 R	( - )	Shaft, idler gear
16	A 3256 R	( - )	Plug
17	A 4806 R	( - )	Plug
18	A 4808 R	( - )	Washer
19	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (12 used)
	12H 293	( - )	Washer, lock, 7/16" (12 used)
20	H 851 R	( - )	Washer (packed 2 in a pkg.)
21	A 4805 R	( - )	Plug
22	R 229 R	( - )	Washer (packed 2 in a pkg.)
23	R 228 R	( - )	Plug
24	A 4555 R	( - )	Gasket (packed 5 in a pkg.)
25	JD 8514	( - )	Bearing
26	F 1330 R	( - )	Housing, clutch (on 7031300 and up, also furnish A3098R and 19H2038)
27	R 26650 R	( - )	Pin, dowel (4 used) (packed 2 in a pkg. (sub. for A4879R)
28	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (4 used)
29	A 4605 R	( - )	Plate, lock (6 used) (packed 2 in a pkg.)
30	AF 1540 R	( - )	Drum, clutch, with shaft and bushing
31	A 4797 R	( - )	Bushing
32	A 4798 R	( - )	Washer, thrust (packed 2 in a pkg.)
33	19H 2253	( - )	Screw, cap, high-strength, 7/16" x 3-1/2" (2 used)



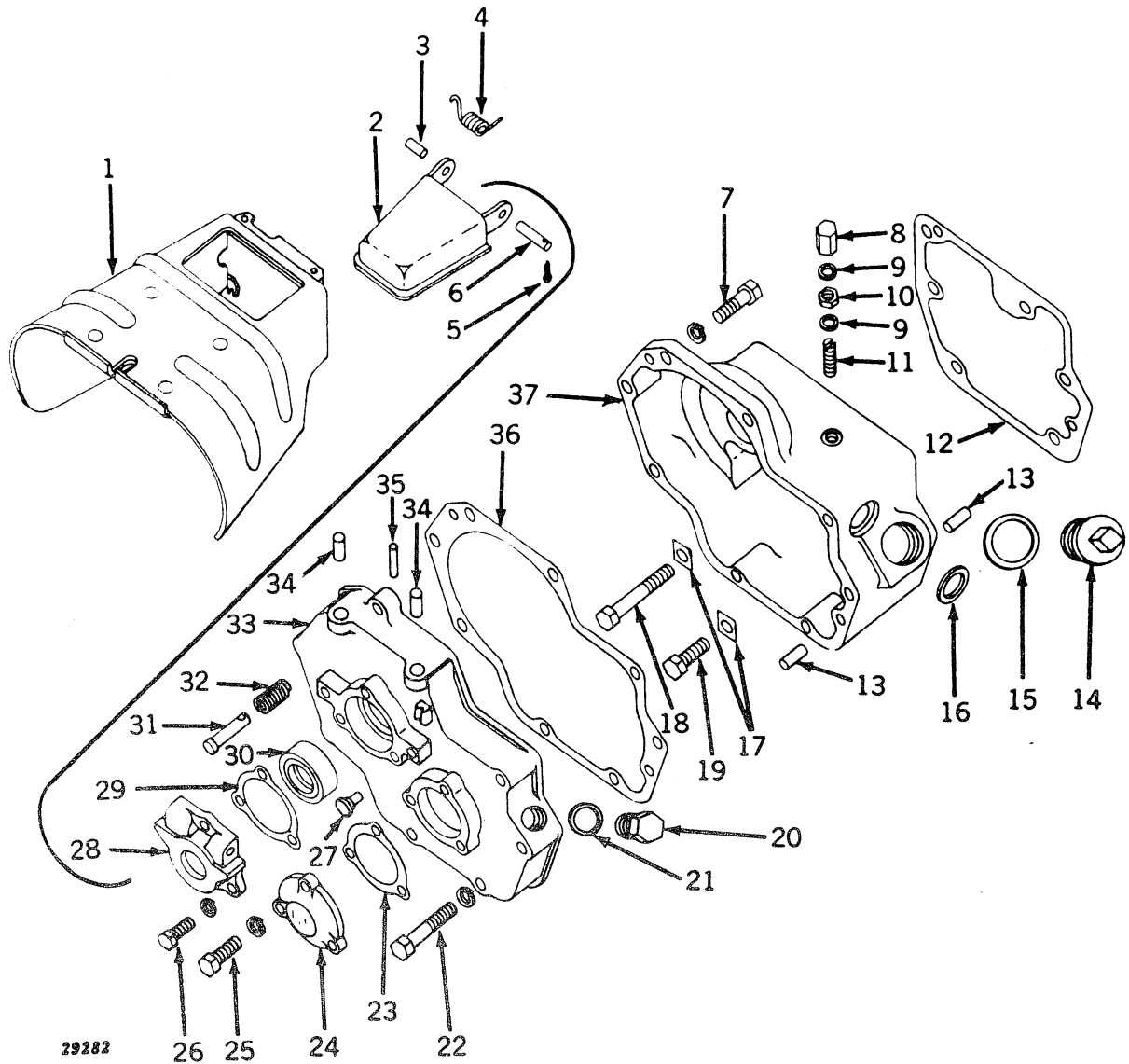
POWERSHAFT HOUSING LESS POWER-TROL (Engine-Driven Powershaft)  
(Serial No. 7017500- )



POWERSHAFT HOUSING LESS POWER-TROL (Engine-Driven Powershaft) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	19H 1756	( " )	Screw, cap, high-strength, 5/8" x 1-1/2" (2 used)
	12H 294	( " )	Washer, lock, 5/8" (2 used)
2	AF 1659 R	( " )	Housing, F1210R
3	F 265 R	( " )	Gasket (packed 5 in a pkg.)
4	AA 5666 R	( " )	Housing, A4793R, pump, with shaft and bushing
5	A 4569 R	( " )	Screw, cap, 3/8" x 1-3/4" (drilled) (2 used)
6	.....	( " )	Wire, 16 gauge x 9" long (2 used)
7	A 4795 R	( " )	Bushing
8	AA 5247 R	( " )	Seal, oil
9	D 459 R	( " )	Screw, cap, 3/8" x 1" (drilled) (2 used)
10	A 4879 R	( " )	Pin, dowel (2 used) (packed 2 in a pkg.)
11	AA 5281 R	( " )	Gear, pump idler, with bushing
12	A 3909 R	( " )	Shaft, idler gear
13	A 4806 R	( " )	Plug
14	A 4808 R	( " )	Washer
15	19H 1821	( " )	Screw, cap, high-strength, 7/16" x 1-1/4" (12 used)
	12H 293	( " )	Washer, lock, 7/16" (12 used)
16	R 229 R	( " )	Washer (packed 2 in a pkg.)
17	R 228 R	( " )	Plug
18	A 4555 R	( " )	Gasket (packed 5 in a pkg.)
19	JD 8514	( " )	Bearing
20	F 1330 R	( " )	Housing, clutch (on 7031300 and up, also furnish A3098R and 19H2038)
21	A 4879 R	( " )	Pin, dowel (4 used) (packed 2 in a pkg.)
22	19H 1821	( " )	Screw, cap, high-strength, 7/16" x 1-1/4" (4 used)
23	A 4605 R	( " )	Plate, lock (6 used) (packed 2 in a pkg.)
24	19H 2253	( " )	Screw, cap, high-strength, 7/16" x 3-1/2" (2 used)
25	AF 1540 R	( " )	Drum, clutch, with shaft and bushing
26	A 4797 R	( " )	Bushing
27	A 4798 R	( " )	Washer, thrust (packed 2 in a pkg.)

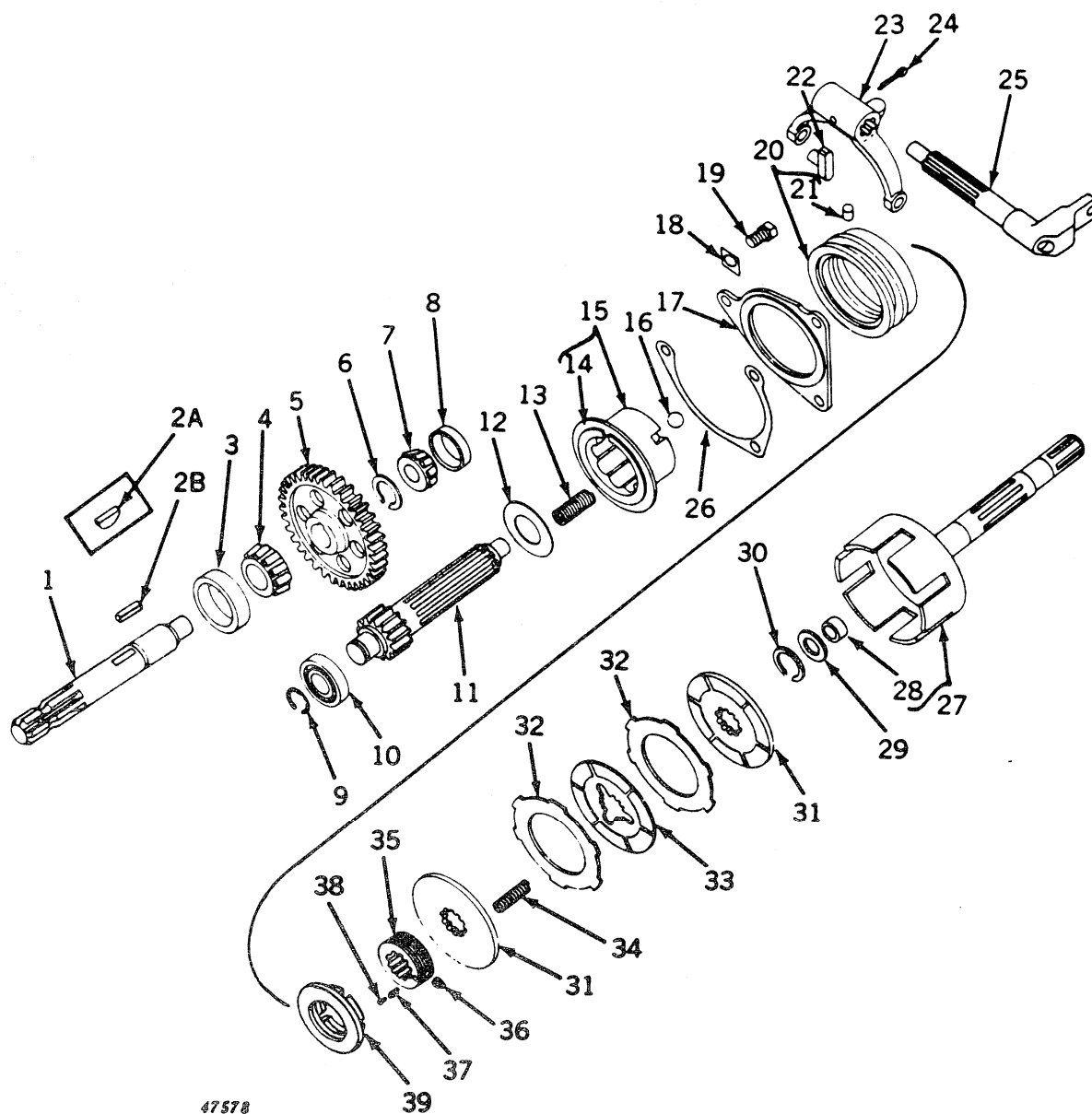
POWERSHAFT CLUTCH HOUSING (Engine-Driven Powershaft)  
(Serial No. 7017500- )



POWERSHAFT CLUTCH HOUSING (Engine-Driven Powershaft) -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AF 1664 R	( - )	Shield, safety
2	AA 5288 R	( - )	Guard, flipper, with hinge
3	A 3959 R	( - )	Pin, L.H.
4	F 711 R	( - )	Spring
5	11H 234	( - )	Pin, cotter, 3/32" x 1"
6	A 4583 R	( - )	Pin, R.H.
7	19H 1978	( - )	Screw, cap, high-strength, 7/16" x 1-1/2" (4 used)
	12H 293	( - )	Washer, lock, 7/16" (4 used)
8	B 427 R	( -7031299 )	Nut, cap
9	A 5364 R	( -7031299 )	Washer, aluminum (2 used) (packed 5 in a pkg. )
10	14H 732	( -7031299 )	Nut, jam, 3/8"
11	A 1449 R	( -7031299 )	Screw, adjusting
12	A 4555 R	( - )	Gasket (packed 5 in a pkg. )
13	A 4879 R	( - )	Pin, dowel (4 used) (packed 2 in a pkg. )
14	A 4807 R	( - )	Plug
15	A 4809 R	( - )	Washer
16	AR 613 R	( - )	Seal, oil
17	A 4605 R	( - )	Plate, lock (6 used) (packed 2 in a pkg. )
18	19H 2253	( - )	Screw, cap, high-strength, 7/16" x 3-1/2" (2 used)
19	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (4 used)
20	H 945 R	( - )	Plug
21	D 465 R	( - )	Washer (packed 2 in a pkg. )
22	19H 2227	( - )	Screw, cap, high-strength, 7/16" x 2-1/2" (4 used)
	12H 293	( - )	Washer, lock, 7/16" (4 used)
23	F 1542 R	( - )	Gasket (packed 2 in a pkg. )
24	F 1541 R	( - )	Cover, bearing
25	19H 1731	( - )	Screw, cap, high-strength, 3/8" x 1" (3 used)
	12H 304	( - )	Washer, lock, 3/8" (3 used)
26	19H 1731	( - )	Screw, cap, high-strength, 3/8" x 1" (3 used)
	12H 304	( - )	Washer, lock, 3/8" (3 used)
27	F 1475 R	( - )	Pin (2 used)
28	F 1458 R	( - )	Housing, oil seal
29	F 1459 R	( - )	Shim, paper, thin (2 used) (packed 5 in a pkg. ) (sub. for F1460R)
	F 1461 R	( - )	Shim, steel, thick (2 used)
30	AA 2296 R	( - )	Seal, oil
31	F 1462 R	( - )	Pin, lock
32	F 1463 R	( - )	Spring (packed 2 in a pkg. )
33	AF 1753 R	( - )	Cover, F1540R, clutch housing, with pins
34	A 4879 R	( - )	Pin, dowel (2 used) (packed 2 in a pkg. )
35	34H 286	( - )	Pin, spring, 3/16" x 1-1/2"
36	A 4584 R	( - )	Gasket (packed 5 in a pkg. )
37	F 1330 R	( - )	Housing, clutch (on 7031300 and up, also furnish A3098R and 19H2038)

POWERSHAFT CLUTCH ASSEMBLY (Engine-Driven Powershaft)  
(Serial No. 7017500- )

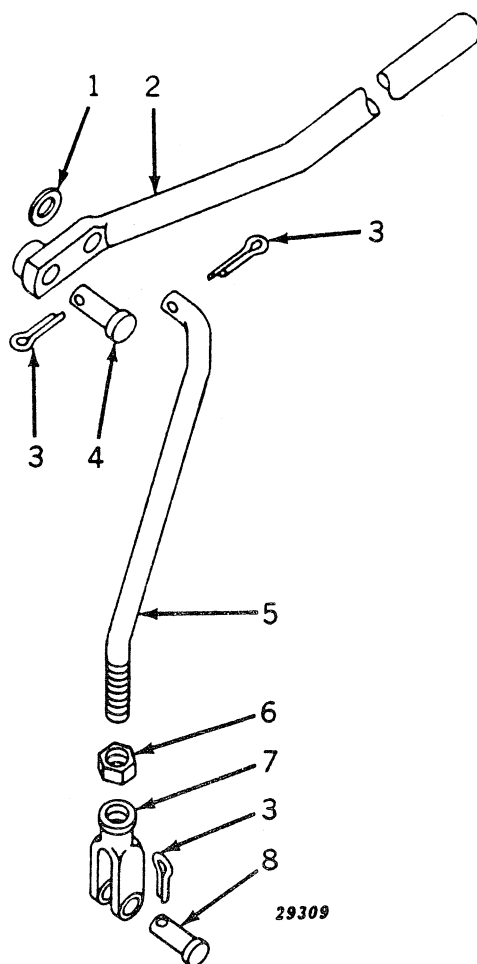


**POWERSHAFT CLUTCH ASSEMBLY (Engine-Driven Powershaft) -- Continued**  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	F 1453 R	( -7031299 )	Powershaft (sub. one A5343R and one A5344R key)
	A 5343 R	(7031300- )	Powershaft
2A	26H 98	( -7031299 )	Key, Woodruff, 3/8" x 1-3/8"
2B	A 5344 R	(7031300- )	Key, special square
3	JD 7424	( " " )	Cup, bearing
4	JD 8100	( " " )	Cone, with rollers
5	F 1454 R	( " " )	Gear, powershaft
6	F 215 R	( " " )	Ring, snap (packed 2 in a pkg. )
7	JD 8128	( " " )	Cone, with rollers
8	JD 7438	( " " )	Cup, bearing
9	F 215 R	( " " )	Ring, snap (packed 2 in a pkg. )
10	JD 9270	( " " )	Bearing (sub. for JD7670)
11	F 1539 R	( " " )	Shaft, clutch, and gear
12	A 4705 R	( " " )	Washer
13	A 4546 R	( " " )	Spring (9 used)
	R 1901 R	(7039400- )	Spring (3 used) (used with A4546R)
14	A 4574 R	( " " )	Disk, clutch cam
15	AA 5958 R	( " " )	Cam, clutch, with disk (sub. one AR20477R cam and two A4680R shims)
16	M 886 T	( " " )	Ball (3 used) (sub. for A174R)
17	AA 5284 R	( " " )	Plate, brake, with facing
18	A 4605 R	( " " )	Plate, lock (3 used)
19	19H 1731	( " " )	Screw, cap, high-strength, 3/8" x 1" (3 used)
20	AB 5418 R	( " " )	Collar, clutch, with pin (sub. for AA5249R or AA6712R)
21	A 4621 R	( " " )	Pin, clutch collar
22	A 4570 R	( " " )	Shoe, clutch fork (2 used)
23	A 4557 R	( " " )	Fork, clutch
24	11H 222	( " " )	Pin, cotter, 3/16" x 2"
25	A 4558 R	( " " )	Shaft, clutch fork
26	A 4680 R	( " " )	Shim, brake plate (4 used) (packed 2 in a pkg. )
27	AF 1540 R	( " " )	Drum, clutch, with shaft and bushing
28	A 4797 R	( " " )	Bushing
29	A 4798 R	( " " )	Washer, thrust (packed 2 in a pkg. )
30	A 562 R	( " " )	Ring, snap (packed 2 in a pkg. )
	B 280 R	(7039400- )	Washer on powershaft clutch shaft (2 used) (use with A562R)
31	AA 5285 R	( -7039399 )	Plate, clutch, with facing (packed 2 in a pkg. ) (2 used) (on 7017500-7039399, sub. one AF2394R*)
	AR 1293 R	(7039400- )	Plate, clutch, with facing (2 used)
32	A 5145 R	( -7039399 )	Disk, clutch drive (9 used)
	A 5145 R	(7039400- )	Disk, clutch drive (8 used)
33	AA 5286 R	( -7039399 )	Disk, clutch, with facings (8 used) (sub. one AF2394R*)
	AR 1294 R	(7039400- )	Disk, clutch, with facings (7 used)
34	F 1332 R	( " " )	Spring (3 used) (packed 2 in a pkg. )
35	F 3401 R	( " " )	Hub, clutch adjusting cam (sub. for A4814R)
36	A 4817 R	( " " )	Screw, special set
37	A 4816 R	( " " )	Spring (packed 2 in a pkg. )
38	16H 86	( " " )	Rivet
39	A 4815 R	( -7031299 )	Cam, clutch adjusting (sub. A5313R)
	A 5313 R	(7031300- )	Cam, clutch adjusting

\*AF2394R consists of two B280R, three R1901R, two AR1293R and seven AR1294R.

POWERSHAFT CLUTCH CONTROL (Engine-Driven Powershaft)  
(Serial No. 7017500- )

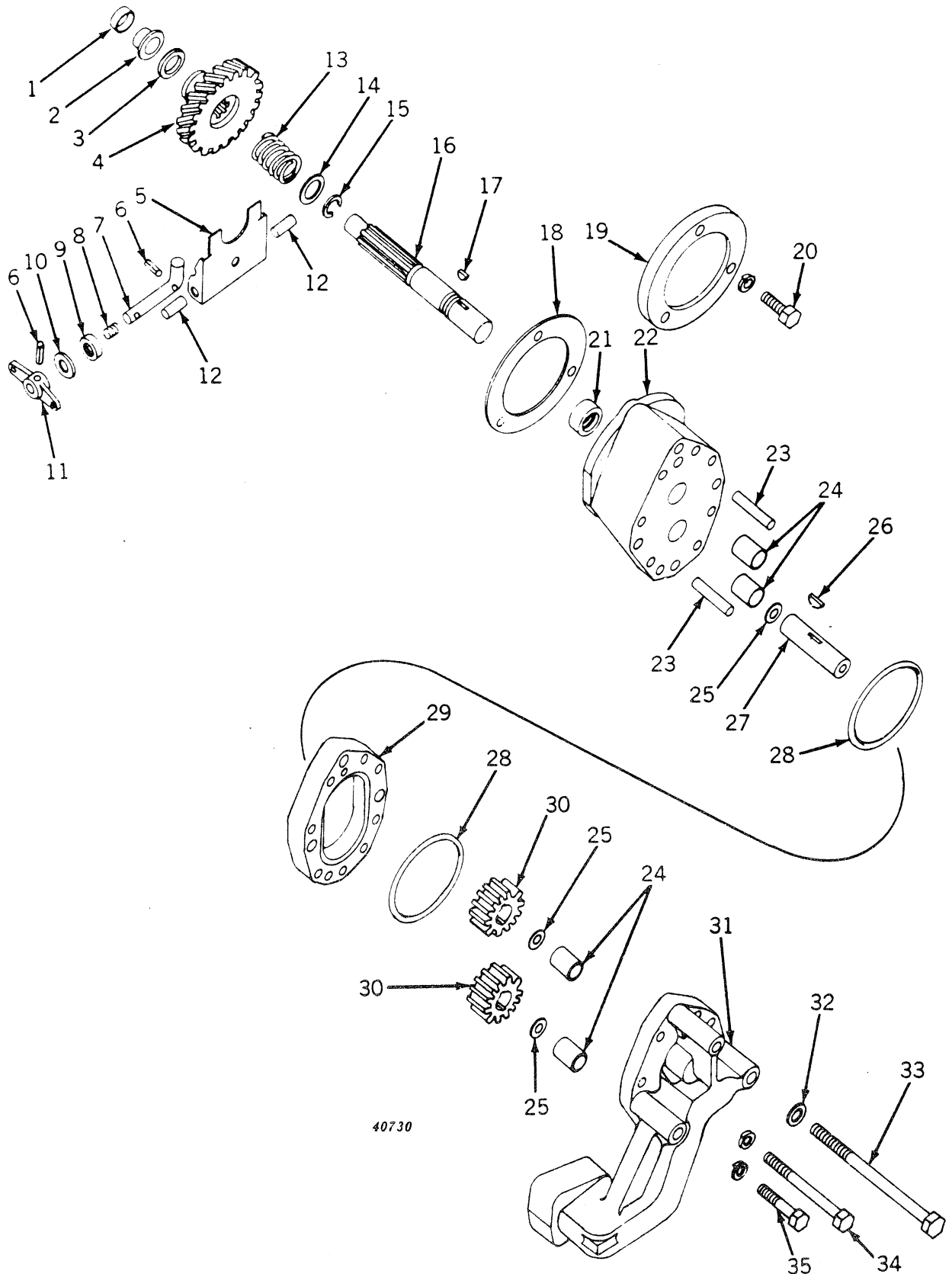


Key	Part No.	Serial No.	Description
1	24H 1341	( - )	Washer, 17/32" x 15/16" x .060"
2	AA 5324 R	( - )	Lever, clutch operating (regular)
	AA 6225 R	( - )	Lever, clutch operating (standard)
3	11H 236	( - )	Pin, cotter, 1/8" x 1" (3 used)
4	D 1994 R	( - )	Pin (packed 5 in a pkg.)
5	A 4525 R	( - )	Rod, clutch operating
6	14H 473	( - )	Nut, 1/2"
7	B 175 R	( - )	Yoke, clutch operating rod
8	B 178 R	( - )	Pin (packed 2 in a pkg.)

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MEMORANDA

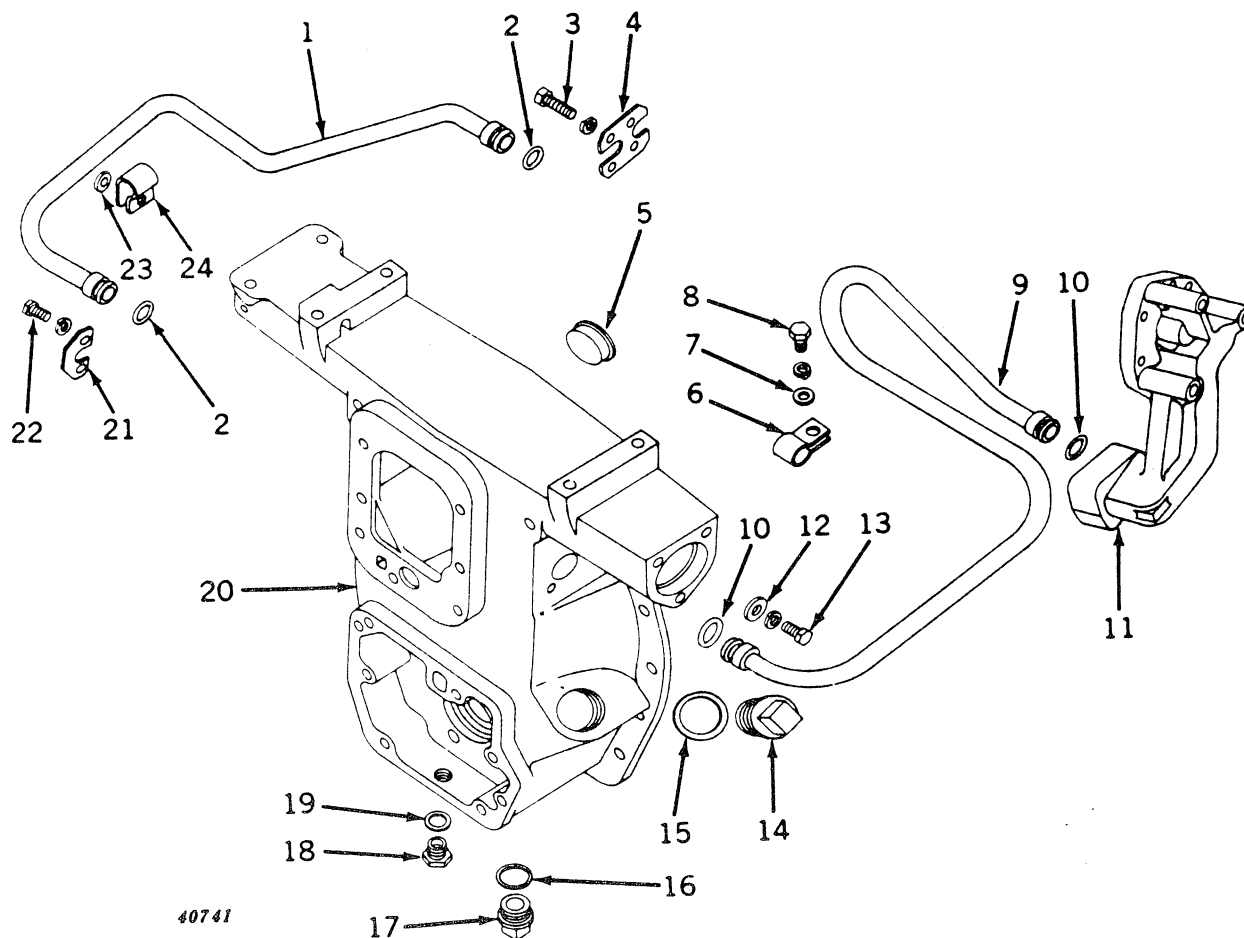


POWER-TROL PUMP  
(Serial No. 7017500- )

POWR-TROL PUMP -- Continued  
(Serial No. 7017500- )

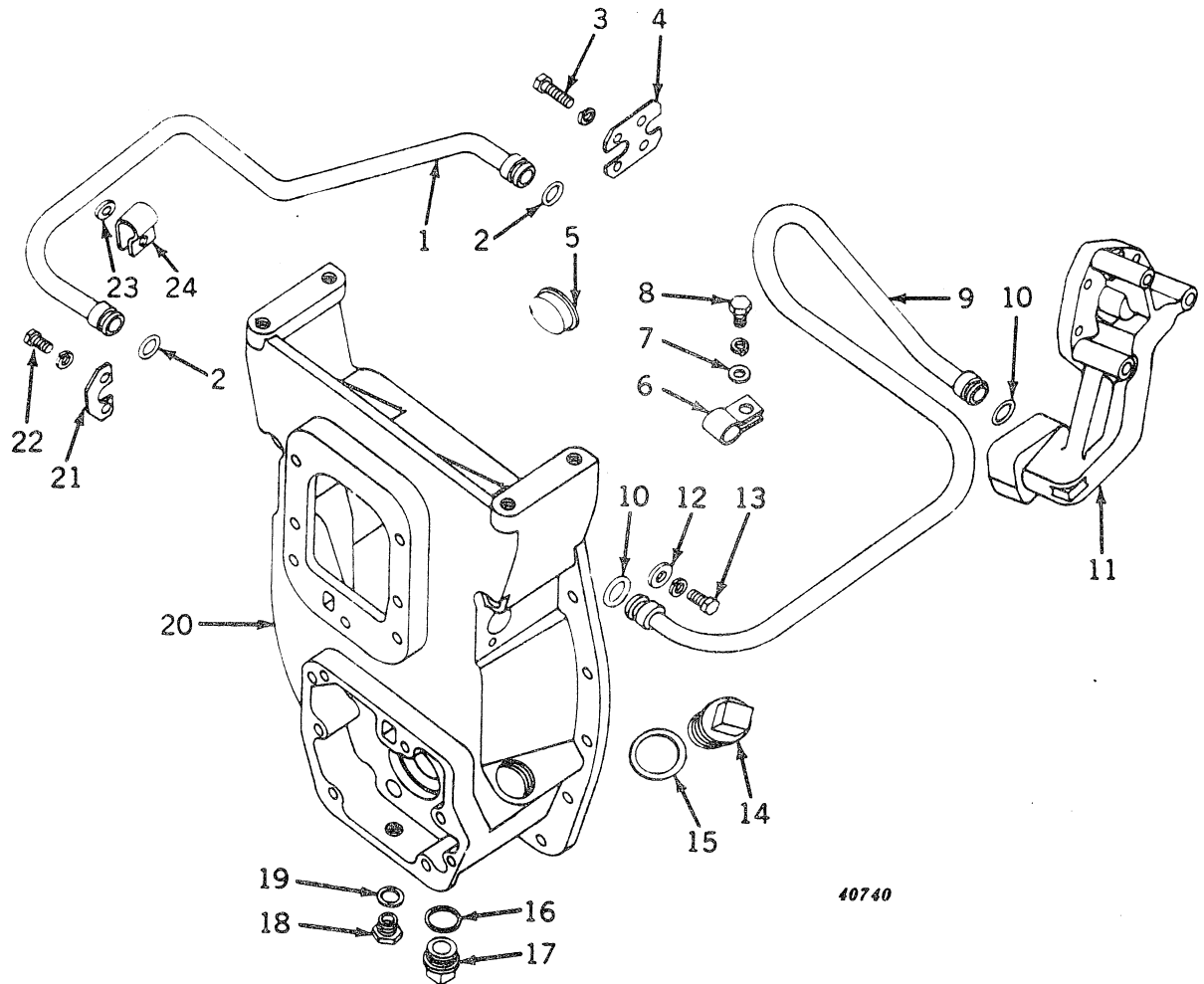
Key	Part No.	Serial No.	Description
1	A 3910 R	( - )	Plug (packed 2 in a pkg.)
2	A 3907 R	( - )	Bushing
3	C 951 R	( - )	Washer, thrust
4	F 2104 R	( - )	Gear, pump drive
5	F 2106 R	( - )	Yoke, shifter
6	34H 254	( - )	Pin, spring, 5/32" x 7/8" (2 used)
7	F 2107 R	( - )	Shifter
8	A 4748 R	( - )	Spring
9	AF 2135 R	( - )	Seal, oil
10	24H 1211	( - )	Washer, 9/16" x 1-3/8" x .105"
11	F 2210 R	( - )	Handle, shifter
12	R 26650 R	( - )	Pin, dowel (2 used) (packed 2 in a pkg.) (sub. for A4879R)
13	F 2105 R	( - )	Spring
14	24H 1452	( - )	Washer, 1-1/32" x 1-3/4" x .105"
15	A 602 R	( - )	Ring, snap (packed 2 in a pkg.)
16	F 2431 R	( - )	Shaft, drive (sub. for F2097R)
17	26H 72	( - )	Key, Woodruff, 1/8" x 5/8"
18	F 2022 R	( - )	Gasket (packed 2 in a pkg.)
19	F 2021 R	( - )	Cover (tractors without powr-trol)
20	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (3 used) (tractors without powr-trol)
	12H 293	( - )	Washer, lock, 7/16" (3 used) (tractors without powr-trol)
21	AR 21263 R	( - )	Seal, oil (sub. for AF1925R) (sub. two AR21900R oil seals and one R21720R spacer)
22	AF 2133 R	( - )	Housing, F2096R, pump, with bushings
23	A 819 R	( - )	Pin, dowel (2 used)
24	A 4130 R	( - )	Bushing (4 used) (sub. for AA4794R) (packed 2 in a pkg.)
25	F 2102 R	( - )	Washer, thrust (3 used) (packed 2 in a pkg.)
26	26H 72	( - )	Key, Woodruff, 1/8" x 5/8"
27	F 2099 R	( - )	Shaft, pump idler
28	F 2101 R	( -7031299)	O-ring (2 used) (sub. R1608R)
	R 1608 R	(7031300-)	O-ring (2 used) (packed 2 in a pkg.)
29	F 2100 R	( - )	Body, pump
30	F 2098 R	( - )	Gear (2 used)
31	AF 2134 R	( - )	Cover, F2103R, pump, with bushings
32	A 3439 R	( - )	Washer, copper (3 used) (packed 5 in a pkg.)
33	8H 2736	( - )	Bolt, hex. hd., 7/16" x 6-3/4" (3 used)
34	19H 2007	( - )	Screw, cap, high-strength, 3/8" x 4-1/2" (2 used)
	12H 304	( - )	Washer, lock, 3/8" (2 used)
35	19H 1726	( - )	Screw, cap, high-strength, 3/8" x 2-1/4" (6 used)
	12H 304	( - )	washer, lock, 3/8" (6 used)
Part listed below is an assembly of parts in this grouping.			
	AF 2132 R	( - )	Pump, powr-trol, complete

POWER-TROL OIL TUBES  
(Serial No. 7017500- )



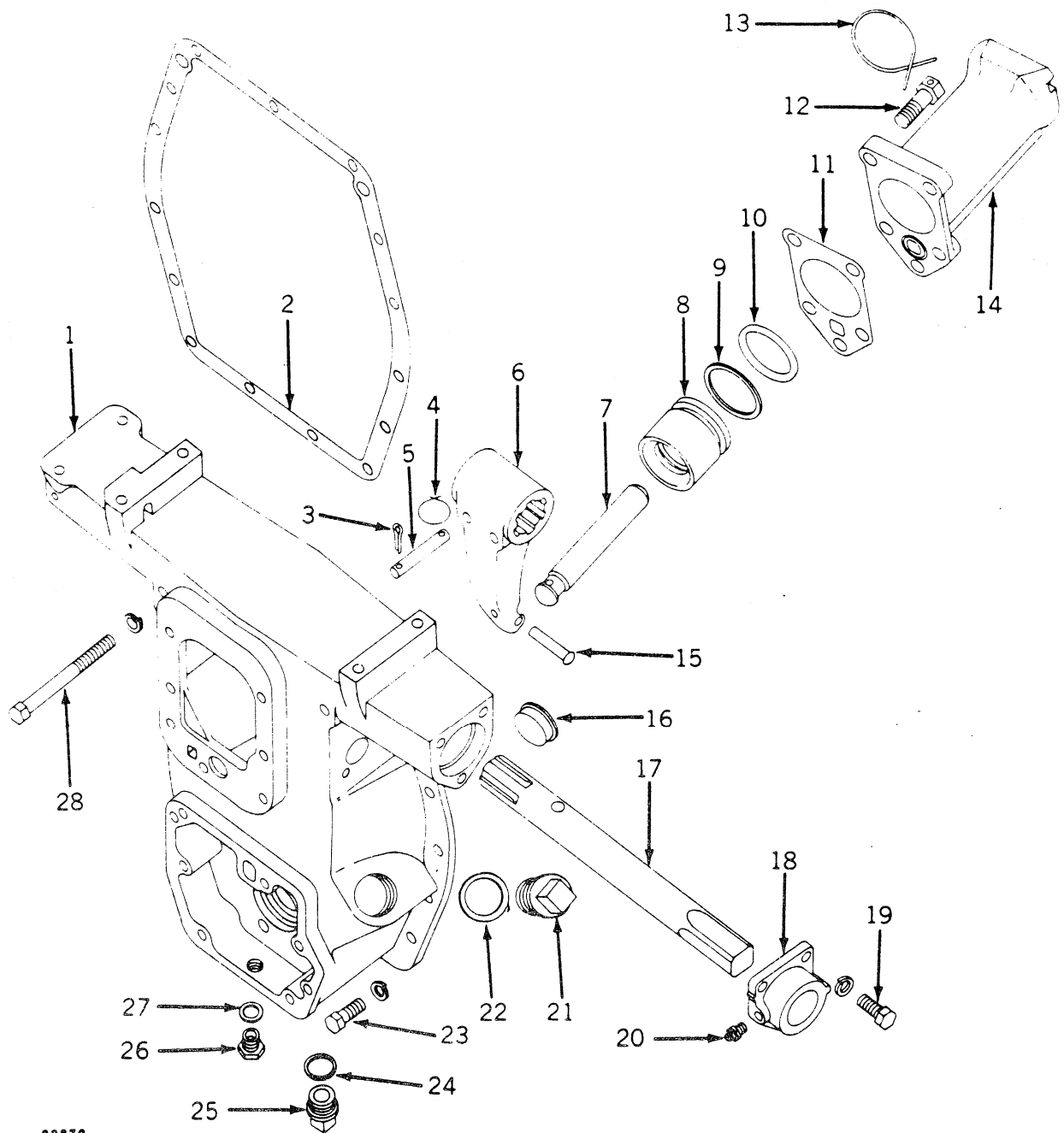
Key	Part No.	Serial No.	Description
1	AF 2136 R	( " )	Tube, pressure
2	R 495 R	( " )	O-ring (2 used) (packed 5 in a pkg.)
3	19H 1821	( " )	Screw, cap, high-strength, 7/16" x 1-1/4" (4 used)
	12H 293	( " )	Washer, lock, 7/16" (4 used)
4	F 2113 R	( " )	Retainer
5	A 3256 R	( " )	Plug
6	F 2114 R	( " )	Clip
7	24H 1305	( " )	Washer, 13/32" x 13/16" x .060"
8	19H 1936	( " )	Screw, cap, high-strength, 3/8" x 3/4" (sub. for F2272R)
	12H 304	( " )	Washer, lock, 3/8"
9	AF 2137 R	( " )	Tube, suction
10	A 3606 R	( " )	O-ring (2 used) (packed 5 in a pkg.)
11	AF 2134 R	( " )	Cover, F2103R, power-trol pump, with bushing
12	A 4231 R	( " )	Washer (packed 2 in a pkg.)
13	19H 1936	( " )	Screw, cap, high-strength, 3/8" x 3/4" (sub. for F2272R)
	12H 304	( " )	Washer, lock, 3/8"
14	A 4806 R	( " )	Plug
15	A 4808 R	( " )	Washer
16	H 851 R	( " )	Washer (packed 2 in a pkg.)
17	A 4805 R	( " )	Plug
18	R 228 R	( " )	Plug
19	R 229 R	( " )	Washer (packed 2 in a pkg.)
20	AF 1660 R	( " )	Housing, F1211R
21	F 3329 R	( " )	Retainer (sub. for F1545R)
22	19H 1821	( " )	Screw, cap, high-strength, 7/16" x 1-1/4" (2 used)
	12H 293	( " )	Washer, lock, 7/16" (2 used)
23	B 2274 R	( " )	Washer
24	F 2187 R	( " )	Clip

POWR-TROL OIL TUBES LESS ROCKSHAFT (Standard)  
(Serial No. 7017500- )



40740

Key	Part No.	Serial No.	Description
1	AF 2136 R	( - )	Tube, pressure
2	R 495 R	( - )	O-ring (2 used) (packed 5 in a pkg.)
3	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (4 used)
	12H 293	( - )	Washer, lock, 7/16" (4 used)
4	F 2113 R	( - )	Retainer
5	A 3256 R	( - )	Plug
6	F 2114 R	( - )	Clip
7	24H 1305	( - )	Washer, 13/32" x 13/16" x .060"
8	19H 1936	( - )	Screw, cap, high-strength, 3/8" x 3/4" (sub. for F2272R)
	12H 304	( - )	Washer, lock, 3/8"
9	AF 2137 R	( - )	Tube, suction
10	A 3606 R	( - )	O-ring (2 used) (packed 5 in a pkg.)
11	AF 2134 R	( - )	Cover, F2103R, powr-trol pump, with bushing
12	A 4231 R	( - )	Washer (packed 2 in a pkg.)
13	19H 1936	( - )	Screw, cap, high-strength, 3/8" x 3/4" (sub. for F2272R)
	12H 304	( - )	Washer, lock, 3/8"
14	A 4806 R	( - )	Plug
15	A 4808 R	( - )	Washer
16	H 851 R	( - )	Washer (packed 2 in a pkg.)
17	A 4805 R	( - )	Plug
18	R 228 R	( - )	Plug
19	R 229 R	( - )	Washer (packed 2 in a pkg.)
20	AF 1812 R	( - )	Housing, F1633R
21	F 3329 R	( - )	Retainer (sub. for F1545R)
22	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (2 used)
	12H 293	( - )	Washer, lock, 7/16" (2 used)
23	24H 1375	( - )	Washer, 11/16" x 1-1/8" x .060"
24	F 2187 R	( - )	Clip

**ROCKSHAFT ASSEMBLY**  
(Serial No. 7017500- )

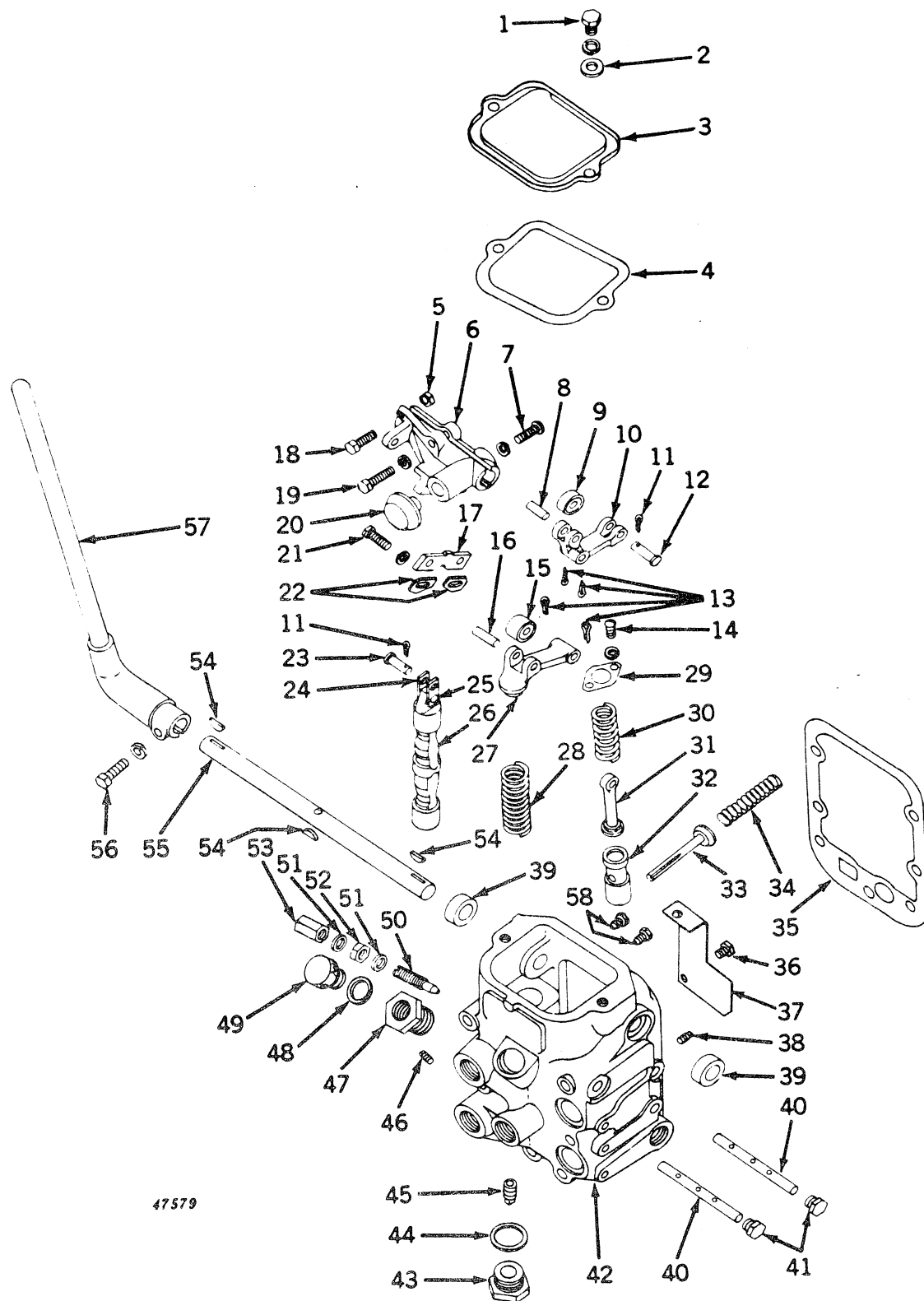
29279

ROCKSHAFT ASSEMBLY -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AF 1660 R	( - )	Housing, F1211R
2	F 265 R	( - )	Gasket (packed 5 in a pkg.)
3	11H 236	( - )	Pin, cotter, 1/8" x 1" (2 used)
4	.....	( - )	Wire, 14 gauge x 6" long
5	24739 AN*	( - )	Pin, crank arm (2 used) (sub. for F957R)
6	A 4448 R	( - )	Arm, crank
7	A 4495 R	( - )	Rod, piston
8	A 4493 R	( - )	Piston
9	A 4496 R	( - )	Washer, piston backing (paper) (packed 5 in a pkg.)
10	A 4494 R	( - )	O-ring, piston
11	A 5394 R	( - )	Gasket (packed 5 in a pkg.) (sub. for A4492R and A5287R)
12	A 624 R	( -7031299)	Screw, cap, 5/8" x 1-3/4" (drilled) (5 used)
	19H 1356	(7031300-)	Screw, cap, high-strength, 5/8" x 1-3/4" (5 used)
13	.....	( -7031299)	Wire, 16 gauge x 14" long (2 used)
	A 5361 R	(7031300-)	Plate, lock (5 used) (packed 2 in a pkg.)
14	A 4491 R	( - )	Cylinder
15	16H 358	( - )	Rivet, btn. hd., 3/16" x 2-1/8"
16	A 3256 R	( - )	Plug
17	AF 368 R	( - )	Shaft, rock, R. H. and L. H.
18	B 2620 R	( - )	Bearing, rockshaft
19	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (3 used)
	12H 293	( - )	Washer, lock, 7/16" (3 used)
20	JD 7759	( - )	Fitting, grease, straight, 1/8" (2 used) (packed 10 in a pkg.)
21	A 4806 R	( - )	Plug
22	A 4808 R	( - )	Washer
23	19H 1821	( - )	Screw, cap, high-strength, 7/16" x 1-1/4" (12 used)
	12H 293	( - )	Washer, lock, 7/16" (12 used)
24	H 851 R	( - )	Washer (packed 2 in a pkg.)
25	A 4805 R	( - )	Plug
26	R 228 R	( - )	Plug
27	R 229 R	( - )	Washer (packed 2 in a pkg.)
28	19H 2076	( - )	Screw, cap, high-strength, 5/8" x 5" (2 used)
	12H 294	( - )	Washer, lock, 5/8" (2 used)

\*Furnished by John Deere Des Moines Works.

# POWR-TROL VALVE HOUSING (Housing Serial No. PCV100- )

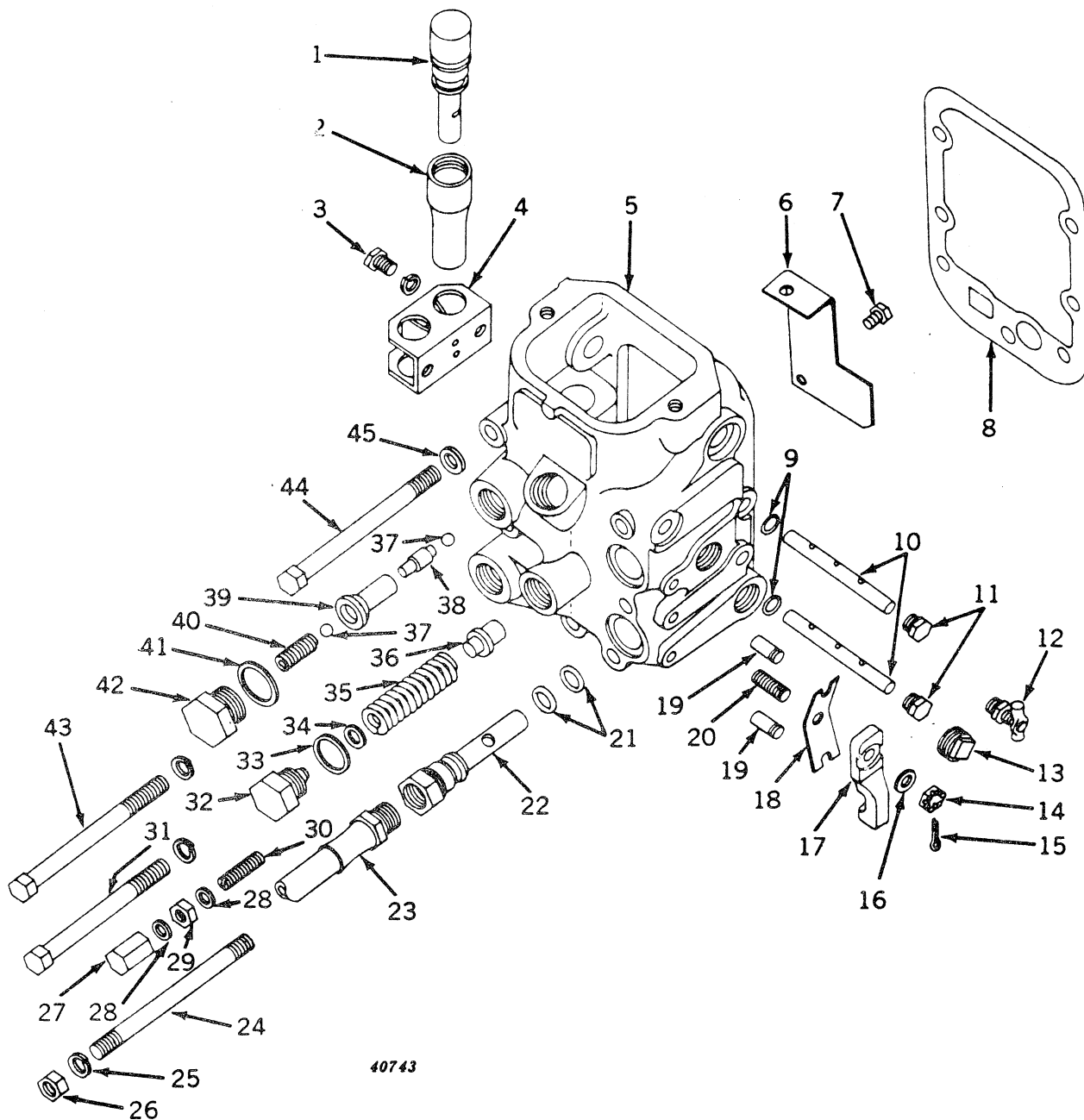


Key	Part No.	Housing Serial No.	Description
1	19H 2021	(PCV179065-	Screw, cap, high-strength, 3/8" x 5/8" (2 used)
	12H 304	(PCV179065-	Washer, lock, 3/8" (2 used)
2	24H 1305	(PCV179065-	Washer, 13/32" x 13/16" x .060" (2 used)
3	A 4248 R	(PCV179065-	Cover
4	A 3103 R	(	Gasket (packed 5 in a pkg.)
5	14H 785	(	Nut, 5/16"
6	A 4170 R	(PCV148972-	Holder, cam

**POWR-TROL VALVE HOUSING -- Continued**  
(Housing Serial No. PCV100- )

Key	Part No.	Housing Serial No.	Description
7	21H 1228	(PCV148972-	Screw, mach., 5/16" x 1"
	12H 303	(PCV148972-	Washer, lock, 5/16"
8	A 3257 R	(PCV133 -	Pin, cam latch
9	A 3108 R	( -	Roller
10	AA 3736 R	( -	Arm, cam latch, with roller
11	11H 234	( -	Pin, cotter, 3/32" x 1" (2 used)
12	A 3114 R	( -	Pin
13	11H 234	(PCV5111 -	Pin, cotter, 3/32" x 1" (4 used)
14	21H 1144	( -	Screw, mach., 1/4" x 1/2" (2 used)
	12H 302	( -	Washer, lock, 1/4" (2 used)
15	A 1433 R	( -	Roller
16	A 3258 R	(PCV133 -	Pin
17	A 4172 R	(PCV148972-	Cam, centering
18	19H 1905	( -	Screw, cap, high-strength, 5/16" x 1"
19	19H 1732	( -	Screw, cap, high-strength, 3/8" x 1-1/4" (sub. for F2273R)
	12H 304	( -	Washer, lock, 3/8"
20	A 4169 R	(PCV148972-	Cam
21	19H 1905	( -	Screw, cap, high-strength, 5/16" x 1" (2 used)
	12H 303	( -	Washer, lock, 5/16" (2 used)
22	A 3145 R	( -	Blade, cam (2 used)
23	A 3126 R	( -	Pin
24	A 3123 R	( -	Link (2 used)
25	A 3124 R	( -	Rivet
26	AA 3734 R	( -	Valve, operating, with links
27	AA 3735 R	( -	Arm, cam follower, with roller
28	A 3106 R	( -	Spring
29	A 3113 R	( -	Retainer
30	A 3110 R	( -	Spring
31	A 3234 R	( -	Rod, latch
32	A 3115 R	( -	Valve, release
33	AA 4101 R	( -	Valve, throttle
34	B 268 R	( -	Spring (packed 2 in a pkg.)
35	A 1447 R	( -	Gasket, valve housing (packed 5 in a pkg.)
36	19H 11	(PCV303100-	Screw, cap, 1/4" x 3/8" (standard tractors less rockshaft)
37	R 1239 R	(PCV303100-	Plate (standard tractors less rockshaft)
38	15H 253	( -	Plug, pipe, 1/8" (except standard tractors less rockshaft)
39	AA 3738 R	( -	Seal, oil (2 used)
40	A 3437 R	(PCV5111 -	Pivot (2 used)
41	A 3438 R	(PCV5111 -	Screw, cap, special (2 used)
42	AA 6312 R	(PCV67905 -	Housing, A5349R, only, valve, with thermal relief valves (except standard tractors less rockshaft) (sub. for A3604R)
	AA 4316 R	(PCV67905 -	Housing, A5349R, valve, with thermal relief valves, complete (except standard tractors less rockshaft)
	AA 6313 R	(PCV303100-	Housing, A5350R, only, valve, with thermal relief valves (standard tractors less rockshaft) (sub. for F1634R)
	AF 2373 R	(PCV303100-	Housing, A5350R, valve, with thermal relief valves, complete (standard tractors less rockshaft) (sub. for AF1881R)
43	A 1441 R	( -	Plug
44	A 3136 R	( -	Washer, .020", copper
	A 3137 R	( -	Washer, .032", copper (packed 2 in a pkg.)
45	15H 584	( -	Plug, pipe, 1/2" (except standard tractors less rockshaft)
46	15H 604	( -	Plug, pipe, 1/4"
47	A 4702 R	(PCV243917-	Bushing
48	F 2894 R	(PCV243917-	Gasket (packed 2 in a pkg.) (sub. for A4703R)
49	A 4701 R	(PCV243917-	Plug, oil filler
50	A 3097 R	( -	Screw (except standard tractors less rockshaft)
51	A 3098 R	( -PCV343373)	Washer (2 used) (except standard tractors less rockshaft) (packed 5 in a pkg.)
	A 5364 R	(PCV343374-	Washer, aluminum (2 used) (except standard tractors less rockshaft) (packed 5 in a pkg.)
52	14H 732	( -PCV343373)	Nut, 3/8" (except standard tractors less rockshaft)
	14H 732	(PCV343374-	Nut, 3/8" (except standard tractors less rockshaft)
53	B 427 R	( -	Nut, cap (packed 10 in a pkg.) (except standard tractors less rockshaft)
54	26H 14	( -	Key, Woodruff, 3/16" x 3/4" (3 used)
55	A 4489 R	(PCV223549-	Shaft, control
56	19H 1732	(PCV223549-	Screw, cap, high-strength, 3/8" x 1-1/4" (sub. for F2273R)
	12H 304	(PCV223549-	Washer, lock, 3/8"
57	AA 5211 R	(PCV223549-	Arm, with lever
	A 4497 R	(PCV223549-	Lever
58	AA 5314 R	(PCV338332-	Valve, thermal relief (2 used)

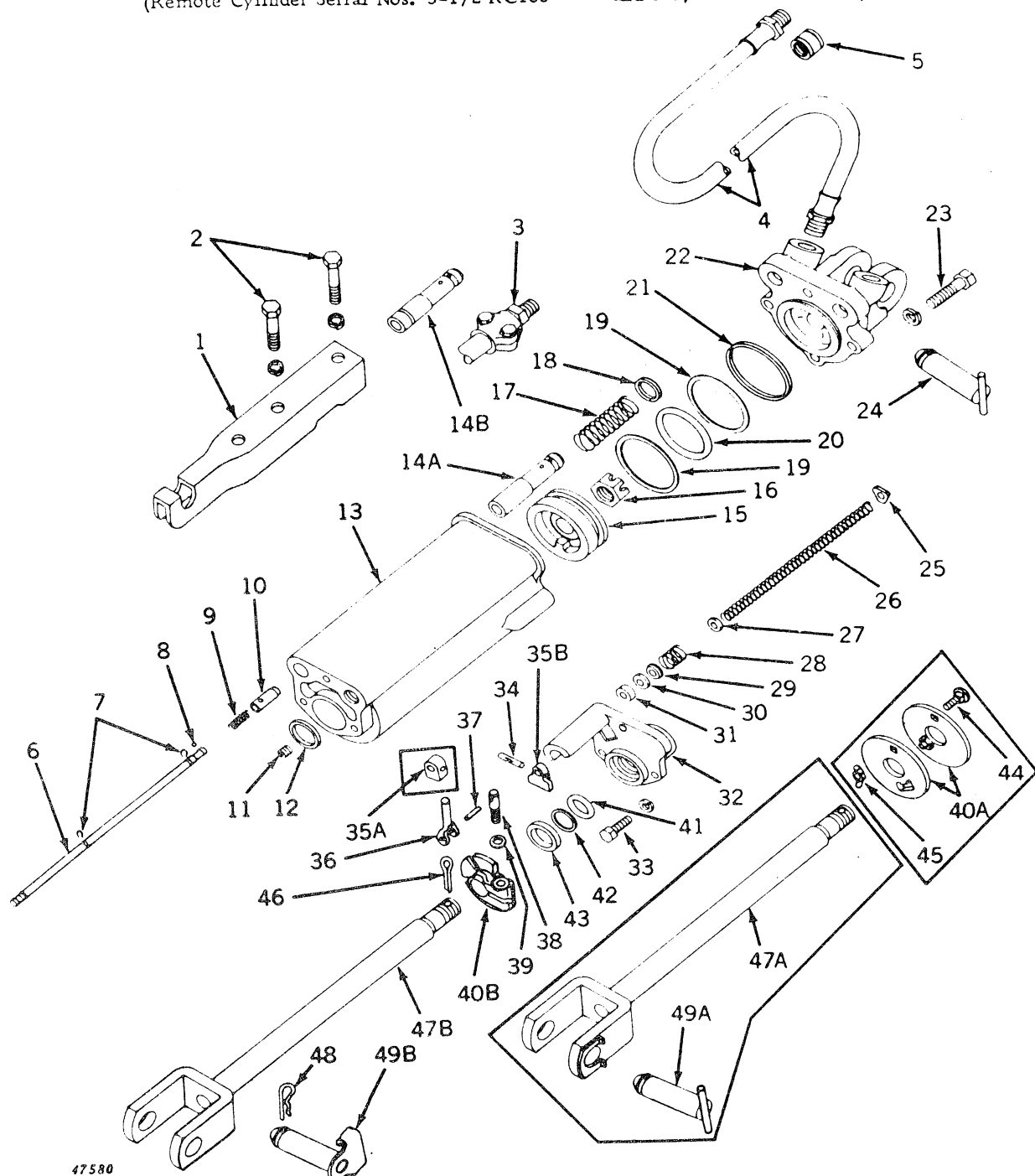


POWER-TROL VALVE HOUSING -- Continued  
(Housing Serial No. PCV100- )

POWR-TROL VALVE HOUSING -- Continued  
(Housing Serial No. PCV100- )

Key	Part No.	Housing Serial No.	Description
1	AA 4981 R	(PCV67905 - )	Plug (2 used)
2	A 3614 R	(PCV67905 - )	Cap (2 used) (packed 5 in a pkg.)
3	19H 2038	(PCV67905 - )	Screw, cap, high-strength, 3/8" x 1/2" (2 used)
	12H 304	(PCV67905 - )	Washer, lock, 3/8" (2 used)
4	AA 3754 R	( - )	Bracket, plug
5	AA 6312 R	(PCV67905 - )	Housing, A5349R, only, valve, with thermal relief valves (except standard tractors less rockshaft)
	AA 4316 R	(PCV67905 - )	Housing, A5349R, valve, with thermal relief valves, complete (except standard tractors less rockshaft)
	AA 6313 R	(PCV303100- )	Housing, A5350R only, valve, with thermal relief valves (standard tractors less rockshaft)
	AF 2373 R	(PCV303100- )	Housing, A5350R, valve, with thermal relief valves, complete (standard tractors less rockshaft)
6	R 1239 R	(PCV303100- )	Plate (standard tractors less rockshaft)
7	19H 11	(PCV303100- )	Screw, cap, high-strength, 1/4" x 3/8" (standard tractors less rockshaft)
8	A 1447 R	( - )	Gasket (packed 5 in a pkg.)
9	A 3439 R	(PCV5111 - )	Washer (2 used) (packed 5 in a pkg.)
10	A 3437 R	(PCV5111 - )	Pivot (2 used)
11	A 3438 R	(PCV5111 - )	Screw, cap, special (2 used)
12	AM 292 T	( - )	Cock, oil level (sub. for AA3739R)
13	15H 858	(PCV67905 - )	Plug, pipe, 3/4" (2 used)
14	14H 511	(PCV67905 - )	Nut, slotted, 5/16"
15	11H 231	(PCV67905 - )	Pin, cotter, 1/16" x 1/2"
16	24H 1290	(PCV67905 - )	Washer, 21/64" x 3/4" x .036" (2 used)
17	A 3611 R	(PCV67905 - )	Cam
18	A 3610 R	(PCV67905 - )	Spring (packed 2 in a pkg.)
19	A 3609 R	(PCV67905 - )	Pawl (2 used) (packed 5 in a pkg.)
20	A 3612 R	(PCV67905 - )	Stud, 5/16" x 1-1/4"
21	A 3190 R	(PCV67905 - )	O-ring (4 used) (packed 5 in a pkg.)
22	A 3613 R	(PCV67905 - )	Coupling (2 used) (sub. for AA5535R)
	F 2250 R	(PCV67905 - )	Coupling, special
23	AA 4542 R	( - )	Line, oil, flexible (88" long) (2 used) (sub. for AA4279R)
24	A 4490 R	(PCV223549- )	Stud, 1/2" x 6-7/16"
25	12H 301	(PCV67905 - )	Washer, lock, 1/2"
26	14H 391	(PCV67905 - )	Nut, 1/2"
27	B 427 R	( - )	Nut, cap (packed 10 in a pkg.) (except standard tractors less rockshaft)
28	A 3098 R	( -PCV343373 )	Washer (2 used) (except standard tractors less rockshaft) (packed 5 in a pkg.)
	A 5364 R	(PCV343374- )	Washer, aluminum (2 used) (except standard tractors less rockshaft) (packed 5 in a pkg.)
29	14H 732	( -PCV343373 )	Nut, 3/8" (except standard tractors less rockshaft)
	14H 732	(PCV343374- )	Nut, 3/8" (except standard tractors less rockshaft)
30	A 1449 R	(PCV100 - )	Screw, throttle valve adjusting (except standard tractors less rockshaft)
31	19H 2211	(PCV223549- )	Screw, cap, high-strength, 1/2" x 5" (3 used)
	12H 301	( - )	Washer, lock, 1/2" (3 used)
32	R 756 R	(PCV223549- )	Plug, relief valve spring
33	R 757 R	(PCV67905 - )	Washer
34	A 4256 R	(PCV223549- )	Washer (6 used) (packed 2 in a pkg.)
35	R 755 R	(PCV223549- )	Spring, relief valve
36	R 754 R	(PCV223549- )	Valve, relief
37	D 2361 R	(PCV136346- )	Ball, check valve (4 used)
38	A 4133 R	(PCV136346- )	Shaft, metering check valve (2 used)
39	R 1811 R	(PCV136346- )	Valve, check (2 used) (sub. for A4132R)
40	D 1995 R	(PCV136346- )	Spring (2 used)
41	A 3137 R	( - )	Washer, check valve plug (2 used) (packed 2 in a pkg.)
42	A 1441 R	( - )	Plug (2 used)
43	19H 1806	(PCV223549- )	Screw, cap, high-strength, 1/2" x 5-3/4" (2 used)
	12H 301	(PCV223549- )	Washer, lock, 1/2" (2 used)
44	19H 1806	(PCV223549- )	Screw, cap, high-strength, 1/2" x 5-3/4"
45	A 3105 R	( - )	Washer, copper (packed 5 in a pkg.)

REMOTE CONTROL CYLINDER (Hydraulic Stop Type)  
(Remote Cylinder Serial Nos. 3-1/2 RC100- and 3-1/2 RCS29376- )

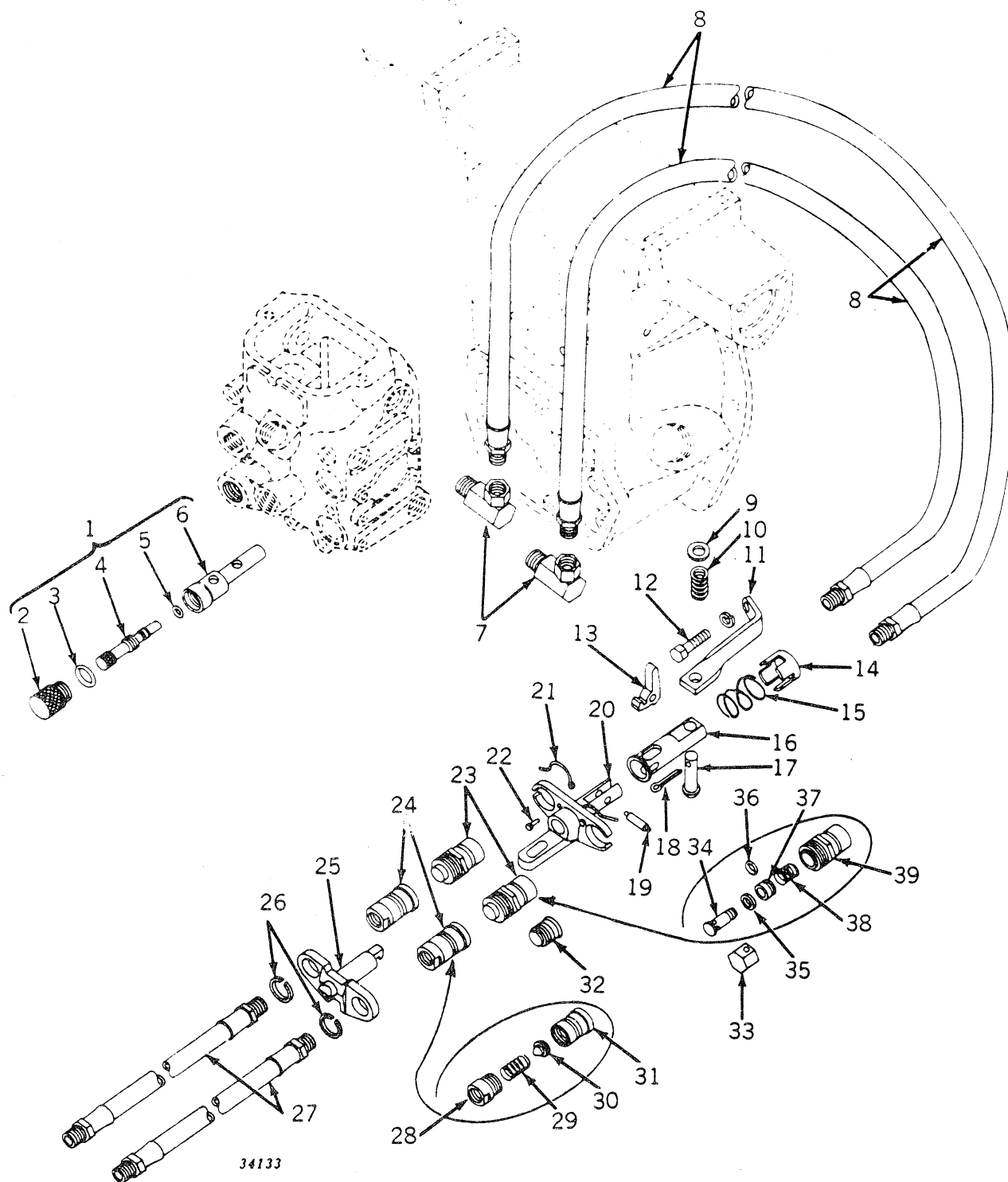


Key	Part No.	Cylinder Serial No.	Cylinder with Special Stop Serial No.	Description
1	A 4452 R	(	- )	Arm, cylinder transport
2	19H 2106	(	- )	Screw, cap, high-strength, 7/16" x 2-3/4" (2 used)
	12H 293	(	- )	Washer, lock, 7/16" (2 used)
3	AA 4864 R	(	- )	Coupling for flexible oil line
4	AA 4542 R	(	- )	Line, flexible oil, 88" long (2 used) (except Hi-Crop) (sub. for AA4279R)
	AA 3752 R	(	- )	Line, flexible oil, 48" long (4 used) (Hi-Crop)
5	15H 87 R	(	- )	Coupling for flexible oil line, 1/2" (2 used) (Hi-Crop)
6	A 4736 R	(	- )	Rod, stop
7	A 4739 R	(	- )	Snap ring (2 used) (packed 2 in a pkg.)
8	A 4742 R	(	- )	Ball, bleed valve (packed 2 in a pkg.)
9	A 4741 R	(	- )	Spring, bleed valve

**REMOTE CONTROL CYLINDER (Hydraulic Stop Type) -- Continued**  
 (Remote Cylinder Serial Nos. 3-1/2 RC100- and 3-1/2 RCS29376- )

Key	Part No.	Cylinder Serial No.	Cylinder with Special Stop Serial No.	Description
10	A 4740 R	( - )	(.....)	Valve, bleed (sub. AA5731R on regular cylinder only)
	A 4740 R	( - )	( - )	Valve, bleed
11	15H 624	( - )	( - )	Plug, pipe (sub. for A3125R)
12	F 1441 R	( - )	( - )	Gasket, piston rod guide (packed 2 in a pkg.)
13	F 1425 R	( - )	( - )	Cylinder, remote
14A	A 4743 R	( - )	(.....)	Valve, stop (sub. AA5731R)
14B	A 5295 R	( - )	( - )	Valve, stop
15	F 1428 R	( - )	( - )	Piston
16	C 1104 R	( -3-1/2 RC41805)	( -3-1/2 RCS41805)	Nut, slotted, 7/8" (packed 5 in a pkg.)
	F 2439 R	(3-1/2 RC41806- )	(3-1/2 RCS41806- )	Nut, special hex. lock (packed 5 in a pkg.)
17	A 4744 R	( - )	( - )	Spring, stop valve
18	A 4723 R	( - )	( - )	Gasket, oil passage (2 used) (packed 5 in a pkg.)
19	F 1431 R	( - )	( - )	Washer, piston packing (2 used) (packed 5 in a pkg.)
20	F 1430 R	( - )	( - )	O-ring (packed 2 in a pkg.)
21	F 1427 R	( - )	( - )	Gasket (packed 2 in a pkg.)
22	F 1426 R	( - )	( - )	Cap, remote cylinder
23	19H 474	( - )	( - )	Screw, cap, high-strength, 1/2" x 1-7/8" (4 used)
	12H 301	( - )	( - )	Washer, lock, 1/2" (4 used)
24	AA 6309 R	( - )	( - )	Pin, attaching (sub. for AA5605R)
25	A 4738 R	( - )	( - )	Washer, stop rod
26	A 4737 R	( - )	( - )	Spring, stop rod
27	24H 1301	( - )	( - )	Washer, stop rod, 13/32" x 9/16" x .060"
28	A 4748 R	( - )	( - )	Spring, stop rod packing
29	A 4747 R	( - )	( - )	Adapter, stop rod packing, male (packed 2 in a pkg.)
30	A 4745 R	( - )	( - )	"V" packing, stop rod (3 used) (packed 5 in a pkg.)
31	A 4746 R	( - )	( - )	Adapter, stop rod packing, female
32	F 1440 R	( - )	( - )	Guide, piston rod
33	19H 1731	( - )	( - )	Screw, cap, high-strength, 3/8" x 1" (3 used)
	12H 304	( - )	( - )	Washer, lock, 3/8" (3 used)
34	25H 760	( - )	( - )	Pin, groove, stop rod arm
35A	A 4749 R	( -3-1/2 RC29375)	(.....)	Arm, stop rod (sub. one A5304R)
35B	A 5304 R	(3-1/2 RC29376- )	( - )	Arm, stop rod
36	A 5302 R	(3-1/2 RC29376- )	( - )	Lever, stop
37	34H 264	(3-1/2 RC29376- )	( - )	Pin, spring, in stop lever
38	A 5301 R	(3-1/2 RC29376- )	( - )	Screw, stop
39	R 1870 R	(3-1/2 RC29376- )	( - )	Washer, on stop screw
40A	F 1435 R	( -3-1/2 RC29375)	(.....)	Stop, piston rod (2 used) (sub. one R27423R, A5301R, A5302R, A5304R, R1870R, and 34H264)
40B	R 27423 R	(3-1/2 RC29376- )	( - )	Stop, piston rod (sub. for F2300R)
41	A 3606 R	( - )	( - )	O-ring, piston rod (packed 5 in a pkg.)
42	F 1432 R	( - )	( - )	Washer, piston rod packing (packed 2 in a pkg.)
43	AP 19547 H	( - )	( - )	Seal, oil, piston rod wiper
44	3H 1524	( -3-1/2 RC29375)	(.....)	Bolt, cge., 5/16" x 1"
45	14H 819	( -3-1/2 RC29375)	(.....)	Nut, wing, 5/16" (packed 10 in a pkg. (sub. for A4735R))
46	11H 237	( - )	( - )	Pin, cotter, 1/8" x 2"
47A	AF 1588 R	( -3-1/2 RC29375)	(.....)	Rod, piston, with yoke and clip (sub. one AA6307R and AF2331R)
47B	AF 2331 R	(3-1/2 RC29376- )	( - )	Rod, piston, with yoke
48	A 3581 R	( - )	( - )	Pin, spring locking (2 used) (packed 25 in a pkg.)
49A	AA 6309 R	( -3-1/2 RC29375)	(.....)	Pin, attaching (sub. for AA5605R)
49B	AA 6307 R	(3-1/2 RC29376- )	( - )	Pin, attaching, with clip
Parts listed below are an assembly of some of the parts in this grouping.				
	AF 1586 R	( - )	(.....)	Cylinder, remote, 3-1/2" x 8"
	AF 2322 R	( - )	( - )	Cylinder, remote, with special stop valve (3-1/2" x 8")
	AR 21772 R	( - )	( - )	Kit, remote cylinder overhaul (to service 3-1/2" cylinders)

# BREAKAWAY COUPLING AND SELECTOR VALVE (Powr-Trol Valve Housing Serial No. PCV67905- )



**BREAKAWAY COUPLING AND SELECTOR VALVE -- Continued**  
(Powr-Trol Valve Housing Serial No. PCV67905- )

Key	Part No.	Valve Housing Serial No.	Description
1	AA 5724 R	( - )	Valve, assembly, selector
2	A 4850 R	( - )	Plug
3	R 495 R	( - )	O-ring (packed 5 in a pkg.)
4	A 4848 R	( - )	Valve
5	A 3917 R	( - )	O-ring (packed 2 in a pkg.)
6	A 4849 R	( - )	Body
7	AA 5723 R	( - )	Union, adapter (2 used)
8	AA 5722 R	( - )	Line, flexible oil, breakaway coupling (2 used)
9	24H 1341	( - )	Washer, 17/32" x 15/16" x .060"
10	A 1785 R	( - )	Spring
11	A 4851 R	( - )	Bracket, breakaway coupling
12	19H 1978	( - )	Screw, cap, high-strength, 7/16" x 1-1/2"
	12H 293	( - )	Washer, lock, 7/16"
13	A 4859 R*	( - )	Latch
14	AA 6337 R*	( - )	Cover, spring (sub. AA6337R, cover and spring)
15	AA 6337 R*	( - )	Spring (sub. AA6337R, cover and spring)
16	A 4856 R*	( - )	Drawbar
17	B 146 R	( - )	Pin, headed
18	11H 216	( - )	Pin, cotter, 3/16" x 1"
19	A 4860 R*	( - )	Pin, latch (packed 3 in a pkg.)
20	AA 5727 R*	( - )	Frame, breakaway, tractor half
21	A 4861 R*	( - )	Ring, snap (2 used)
22	A 4862 R*	( - )	Rivet (2 used)
23	AA 5728 R*	( - )	Coupling, oil line, tractor half (2 used)
24	AA 5729 R*	( - )	Coupling, oil line, implement half (2 used)
25	A 4863 R*	( - )	Frame, breakaway, implement half
26	A 4864 R*	( - )	Ring, snap (2 used)
27	AA 4542 R	( - )	Line, flexible oil, 88" long (2 used) (sub. for AA4279R)
28	A 4866 R*	( - )	Adapter, coupling (2 used)
29	A 4867 R*	( - )	Spring (2 used)
30	A 4871 R*	( - )	Valve, poppet (2 used)
31	A 4865 R*	( - )	Body, coupling, breakaway oil line (2 used)
32	A 4868 R*	( - )	Cap, dust (2 used)
33	A 4869 R*	( - )	Extractor, tubular valve
34	A 4855 R*	( - )	Valve, tubular (2 used)
35	A 4870 R	( - )	Washer, seal (2 used) (sub. AA6179R* sleeve)
36	R 459 R*	( - )	O-ring (2 used) (packed 5 in a pkg.)
	A 5829 R	( - )	Washer, backup (2 used) (use with R459R)
37	A 4854 R	( - )	Sleeve (2 used) (sub. AA6179R* sleeve)
38	A 4853 R*	( - )	Spring (2 used)
39	A 4852 R*	( - )	Body, coupling, breakaway frame (2 used)

Parts listed below are assemblies of parts in this grouping.

AA 5720 R	( - )	OIL LINE BREAKAWAY COUPLING, COMPLETE AND SELECTOR VALVE
AA 5721 R	( - )	Coupling, breakaway, assembly
AA 5726 R	( - )	Assortment, breakaway coupling replacement parts. Assortment of parts packaged for counter display and to sell out of. The assortment contains parts marked (*) in quantities shown. Stock in counter display can be replenished by ordering any of the parts marked (*). These parts can also be stocked in the regular way. (no longer furnished)
AA 6341 R	( - )	Coupling, breakaway, tractor half
AA 6342 R	( - )	Coupling, breakaway, implement half

\*See AA5726R, above

Capital letters indicate an attachment. Attachments must be listed on separate order from replacement parts order.

## BULK FLEXIBLE OIL LINE AND REUSABLE LOK-PIN COUPLINGS

	Oil line (Length Approx. 50 ft.)	Set of Ferrules with Pins (packed 10 in a pkg.)*	Stem-Straight Thread, with O-ring (Packed 5 in a pkg.)	Stem-Pipe Thread (Packed 5 in a pkg.)
R	34790 R 3/8" I.D. - 1 Wire	AR 39629	AR 39635**	R 39687
R	34791 R 1/2" I.D. - 1 Wire	AR 39630	AR 39636**	R 39688
R	34792 R 3/4" I.D. - 1 Wire	AR 39631	AR 39637#	R 39689
R	34793 R 3/8" I.D. - 2 Wire	AR 39632	AR 39635**	R 39687
R	34794 R 1/2" I.D. - 2 Wire	AR 39633	AR 39636**	R 39688
R	34795 R 3/4" I.D. - 2 Wire	AR 39634	AR 39637#	R 39689

\*Each set of ferrules includes two R39681 pins -- extra pins may be ordered, packed 20 in a package.

\*\*Includes R26375R O-ring

#Includes F3171R O-ring

## REUSABLE COUPLINGS (Use with Single Wire Braid Flexible Oil Line)

Coupling No.	I.D.	Thread
AF 3585 R	3/8"	3/8" - 18 NPTF (packed 2 in a pkg.)
AF 3586 R	1/2"	1/2" - 14 NPTF (packed 2 in a pkg.)
AF 3587 R	5/8"	3/4" - 14 NPTF (packed 2 in a pkg.)
AF 3588 R	3/4"	3/4" - 14 NPTF (packed 2 in a pkg.)
R 34644 R	3/8"	3/4" - 16 O-ring type thread
R 34646 R	1/2"	3/4" - 16 O-ring type thread

## REUSABLE COUPLINGS (Use with Double Wire Braid Flexible Oil Line)

Coupling No.	I.D.	Thread
AR 21629 R	3/8"	3/4" - 18 NPTF (packed 2 in a pkg.)
AR 21630 R	1/2"	1/2" - 14 NPTF (packed 2 in a pkg.)
AR 21631 R	5/8"	3/4" - 14 NPTF (packed 2 in a pkg.)
AR 21632 R	3/4"	3/4" - 14 NPTF (packed 2 in a pkg.)
AR 21634 R	1"	1" - 11-1/2 NPTF (packed 2 in a pkg.)
R 34645 R	3/8"	3/4" - 16 O-ring type thread
R 34647 R	1/2"	3/4" - 16 O-ring type thread

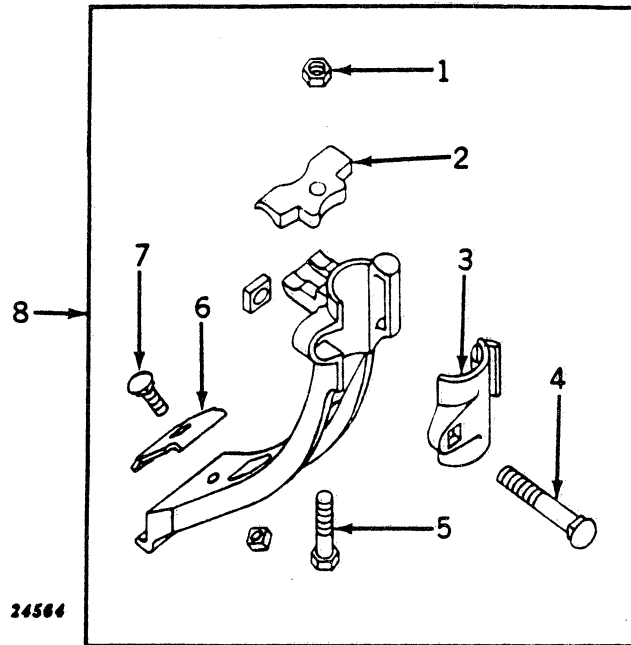
## BULK SINGLE WIRE BRAID FLEXIBLE OIL LINE (Use with Reusable Coupling for Single Wire Braid Flexible Oil Line)

Part No.	I.D.	O.D.	Length
A 5775 R	3/8"	25/32"	Approx. 50 ft.
A 5776 R	1/2"	29/32"	Approx. 50 ft.
A 5777 R	5/8"	1-1/32"	Approx. 50 ft.

## BULK DOUBLE WIRE BRAID FLEXIBLE OIL LINE (Use with Reusable Coupling for Double Wire Braid Flexible Oil Line)

Part No.	I.D.	O.D.	Length
R 21531 R	3/8"	29/32"	Approx. 50 ft.
R 21532 R	1/2"	31/32"	Approx. 50 ft.
R 21534 R	3/4"	1-1/4"	Approx. 50 ft.
R 21535 R	1"	1-9/16"	Approx. 50 ft.

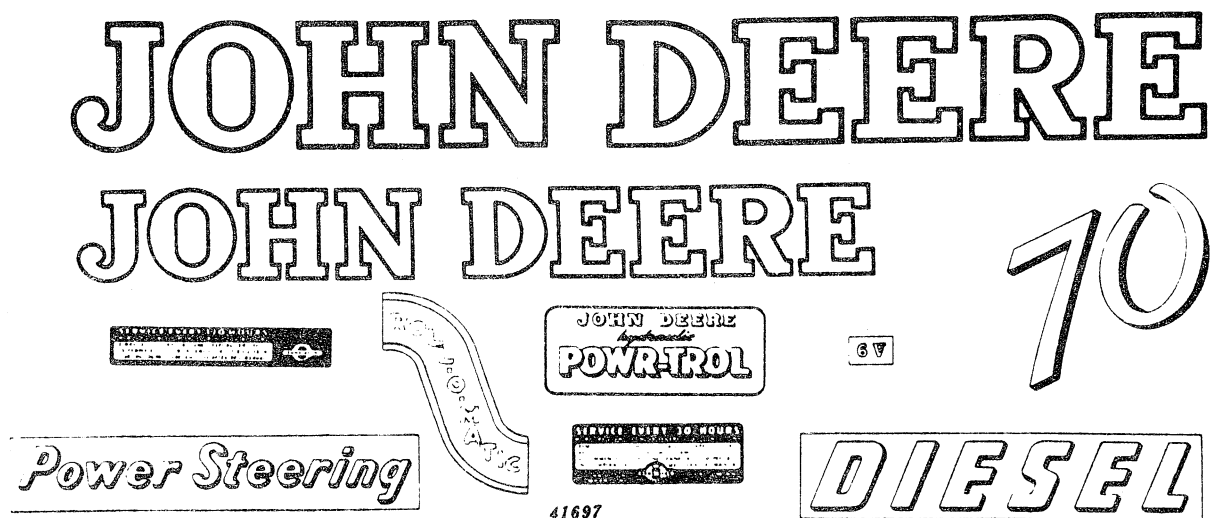
UMBRELLA HOLDER  
(Serial No. 7017500- )



Key	Part No.	Serial No.	Description
1	14H 785	( - )	Nut, 5/16"
2	A 3487 R	( - )	Clamp
3	F 518 A	( - )	Cap
4	3H 1844	( - )	Bolt, cge., 7/16" x 2-3/4", with nut
5	19H 1901	( - )	Screw, cap, high-strength, 5/16" x 1"
6	A 3486 R	( - )	Clip
7	3H 1524	( - )	Bolt, cge., 5/16" x 1", with nut
8	AA 4206 R	( - )	Holder, umbrella, complete (no longer furnished)



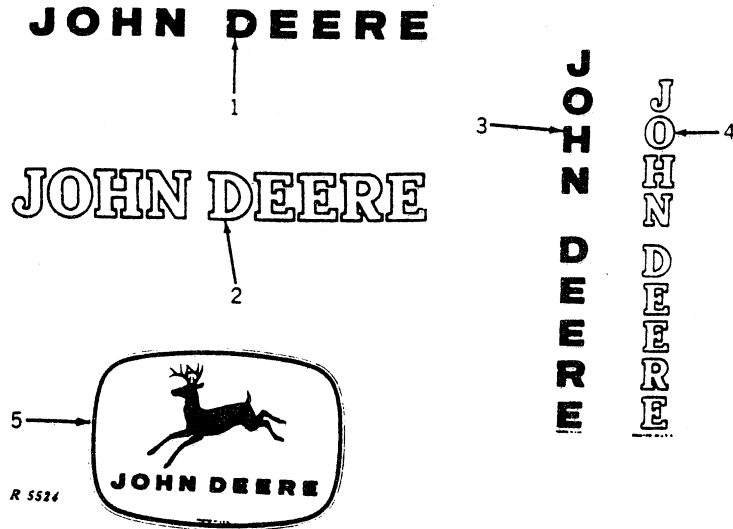
DECALCOMANIA SET FOR MODEL 70 DIESEL TRACTOR  
(Serial No. 7017500- )



Key	Part No.	Serial No.	Description
	AF 2273 R	( - )	Decalcomania set, consisting of:
			"John Deere" for sides of hood (2 used)
			"John Deere" for seat
			"Diesel" for sides of hood (2 used)
			"Model Designation" (2 used)
			"Power Steering" (2 used)
			"Air Cleaner Instructions" (Diesel Engine)
			"Air Cleaner Instructions" (Cranking Engine)
			"6V" for battery box
			"Powr-Trol"
			"Roll-O-Matic"

Decalcomanias are furnished in sets only as listed.

**ADDITIONAL DECALCOMANIAS**  
(The Following Decalcomanias Are Available in Packages of 5 Each)



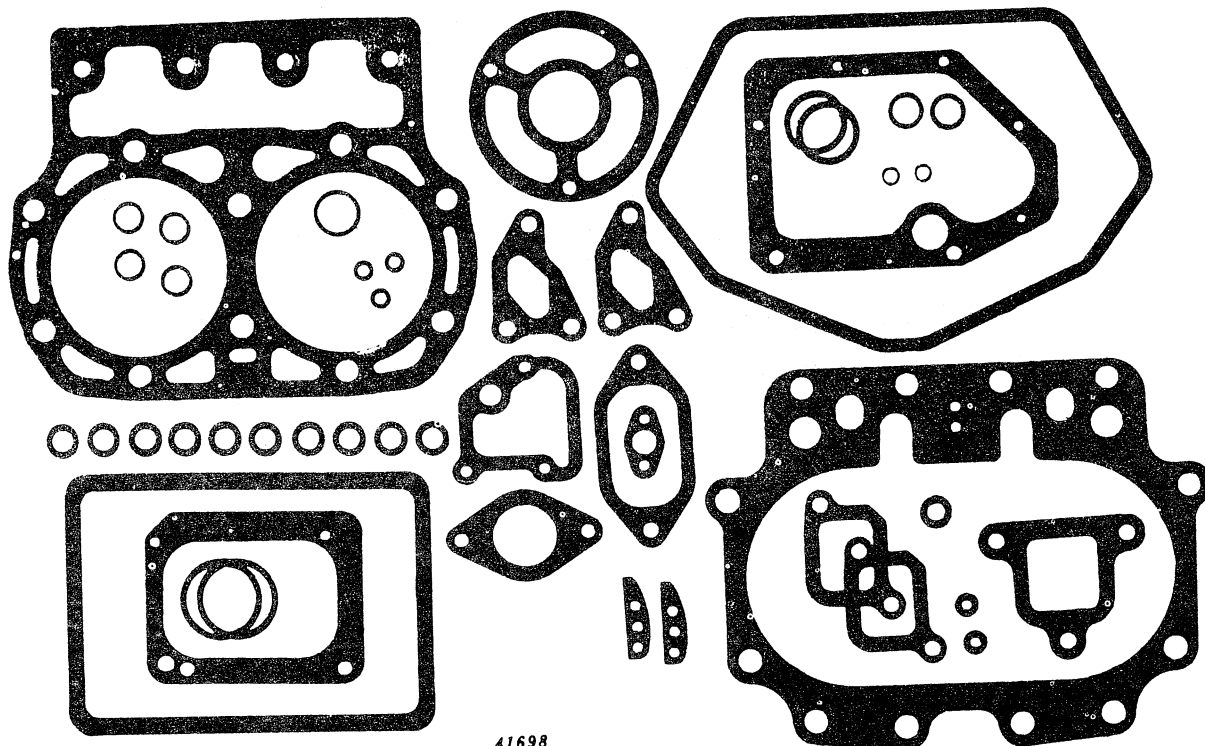
Key	Part No.	Size	Key	Part No.	Size	
1	JD 250	1/2" x 7-1/8"	4	JD 118 (sub. JD257)	1/2" x 5-3/8"	
	JD 251	11/16" x 10"		JD 119 (sub. JD258)	3/4" x 8-1/16"	
	JD 235*	11/16" x 10"	JD 116 (sub. JD259)	1" x 10-3/4"		
	JD 252	1" x 14-1/4"	5	JD 260	1-7/16" x 2"	
	JD 236*	1" x 14-1/4"		JD 5260**	1-7/16" x 2"	
	JD 5152 (dark green)	1" x 14-1/4"		JD 261	2-1/8" x 3"	
	JD 253	1-1/4" x 17-3/4"		JD 5202*	2-1/8" x 3"	
	JD 237*	1-1/4" x 17-3/4"		JD 5261**	2-1/8" x 3"	
	JD 5153 (dark green)	1-1/4" x 17-3/4"		JD 5240***	2-1/8" x 3"	
	JD 267	1-1/2" x 21-3/8"		JD 262	2-7/8" x 4"	
	JD 239*	1-3/4" x 25"		JD 246* (sub. JD5203)	2-7/8" x 4"	
	JD 238*	1-1/2" x 21-3/8"		JD 5262**	2-7/8" x 4"	
	JD 254	1-3/4" x 25"		JD 5241***	2-7/8" x 4"	
	JD 255	2-1/4" x 32"		JD 263	3-9/16" x 5"	
	JD 5206*	5-3/4" x 8"		JD 5204*	3-9/16" x 5"	
	JD 5208*	2-1/2" x 35-5/8"		JD 5263**	3-9/16" x 5"	
	JD 256	4" x 57"		JD 5242***	3-9/16" x 5"	
	JD 5155 (dark green)	2-1/4" x 32"		JD 264	4-1/4" x 6"	
	2	JD 110		3/4" x 6"	JD 5205*	4-1/4" x 6"
		JD 111		1" x 8"	JD 5264**	4-1/4" x 6"
JD 112		1-1/4" x 10"		JD 5243***	4-1/4" x 6"	
JD 113		1-1/2" x 12"	JD 5244***	5-3/4" x 8"		
JD 114		2-1/2" x 20"	JD 265	6-3/8" x 9"		
3	JD 115	2" x 16"	JD 5265**	6-3/8" x 9"		
	JD 257	1/2" x 6"	JD 5165 (yellow deer)	6-3/8" x 9"		
	JD 258	3/4" x 9"	JD 268	8-1/2" x 12"		
	JD 243*	3/4" x 9"	JD 5207*	8-1/2" x 12"		
	JD 259	1" x 12"	JD 269	11-3/4" x 16-5/8"		

\*Black decals for machines painted other than John Deere green.

\*\*Leaping deer decals for South and Central America.

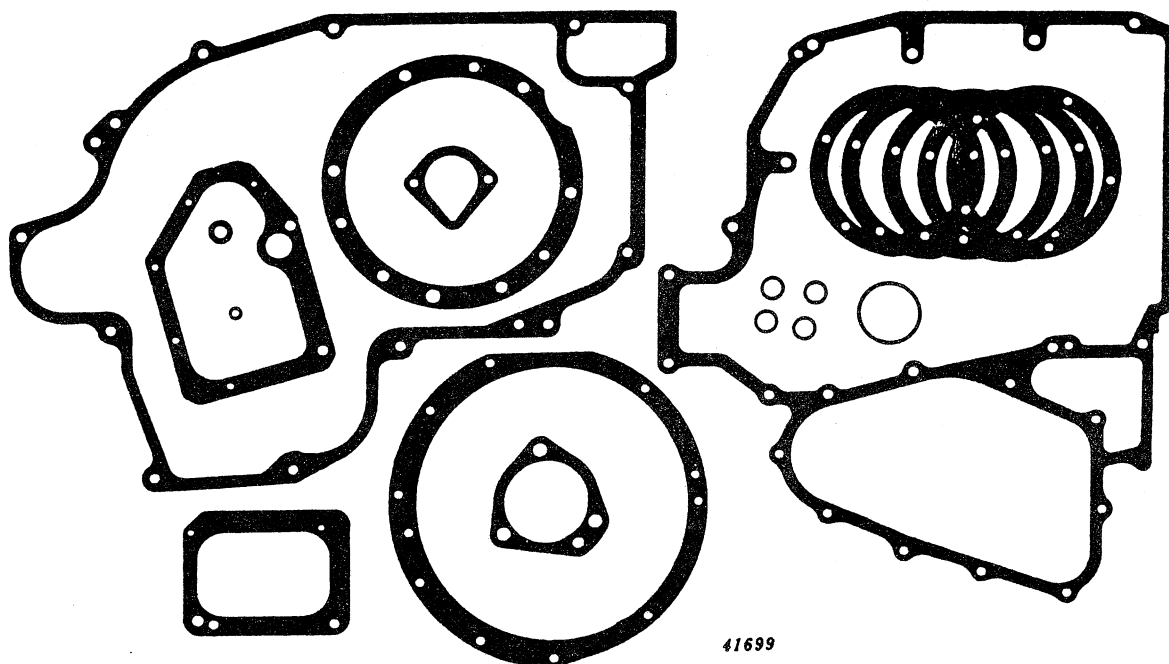
\*\*\*Leaping deer decals for South and Central America. (Industrial, black and yellow.)

GASKET SET FOR VALVE, RING, AND CYLINDER REPLACEMENT  
(Serial No. 7017500- )



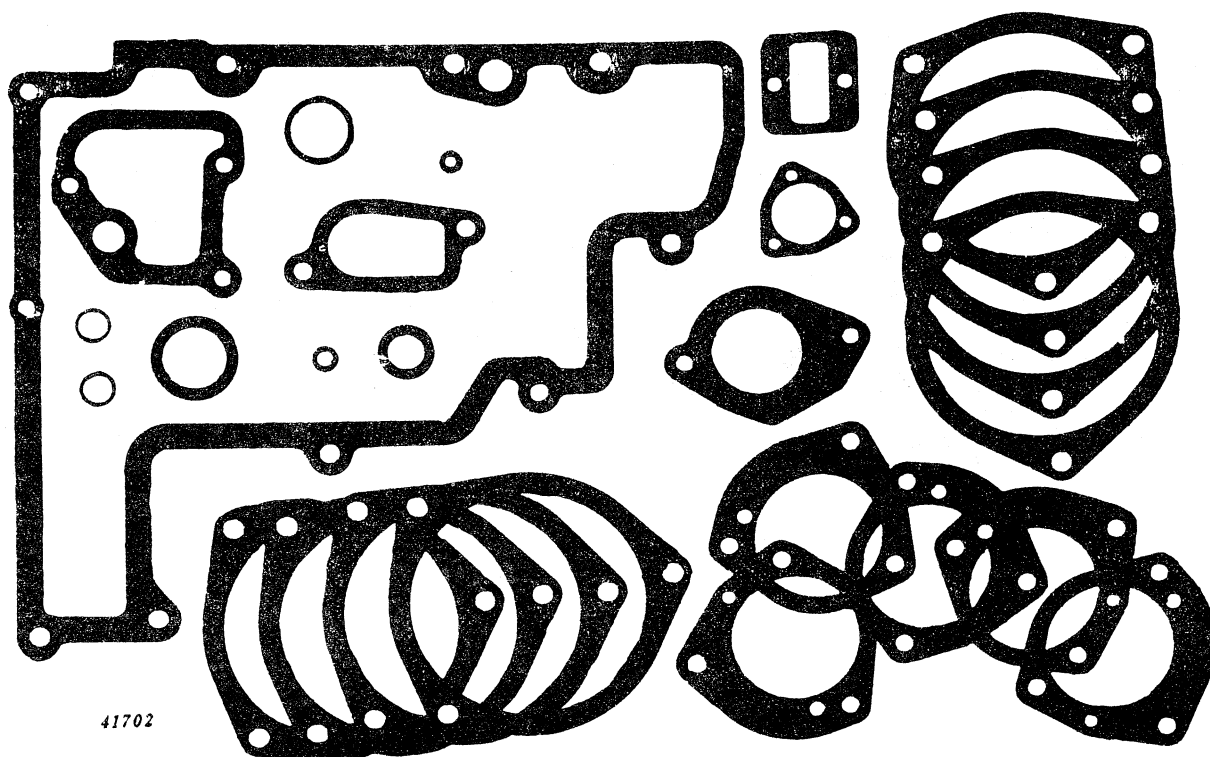
Part No.	Description
AF 3906 R	Gasket set, consisting of: (sub. for AF2248R)
10	264 R ( - ) Washer, lead, cylinder head stud
3 A	3439 R ( - ) Washer (aluminum) tappet lever cover to bracket screw
2 A	3439 R ( - ) Gasket, cylinder cover to cylinder screw (sub. for B214R)
2 A	4365 R ( - ) O-ring, injection pump bracket oil inlet tube
1 F	519 R ( - ) Gasket, cylinder head water inlet
2 F	1056 R ( - ) O-ring, lower water pipe
1 F	1752 R ( - ) Gasket, air intake body
2 F	1764 R ( - ) Gasket, exhaust outlet
1 F	1777 R ( - ) Gasket, cylinder water outlet
2 F	1779 R ( - ) Gasket, cylinder head water outlet
1 F	1781 R ( - ) Gasket, thermostat cover
1 F	1791 R ( - ) Gasket, cranking engine oil drain hole
1 F	1803 R ( - ) Gasket, crankcase cover, R.H.
1 F	1804 R ( - ) Gasket, crankcase cover, L.H.
1 F	1898 R ( - ) Gasket, tappet lever cover
1 F	2043 R ( - ) Gasket, governor lever housing
1 F	2251 R ( - ) Gasket, cylinder to case
2 F	2438 R ( - ) Gasket, injection pump bracket to cylinder (sub. for F1882R)
2 F	3450 R ( - ) O-ring, upper water pipe (sub. for F1319R)
1 R	21449 R ( - ) Gasket, cylinder head (sub. for F1959R or F3512R)
1 R	61 R ( - ) Gasket, cylinder cover
2 R	463 R ( - ) Washer (copper) injector nozzle
4 R	495 R ( - ) O-ring, cranking engine water inlet and outlet pipes
1 R	1138 R ( - ) O-ring, governor lever housing
1 R	20037 R ( - ) Gasket, air cleaner (sub. for F143R)
1 R	20169 R ( - ) Gasket, starting motor bracket

**GASKET SET FOR CRANKSHAFT AND BEARING REPLACEMENT**  
(Serial No. 7017500- )



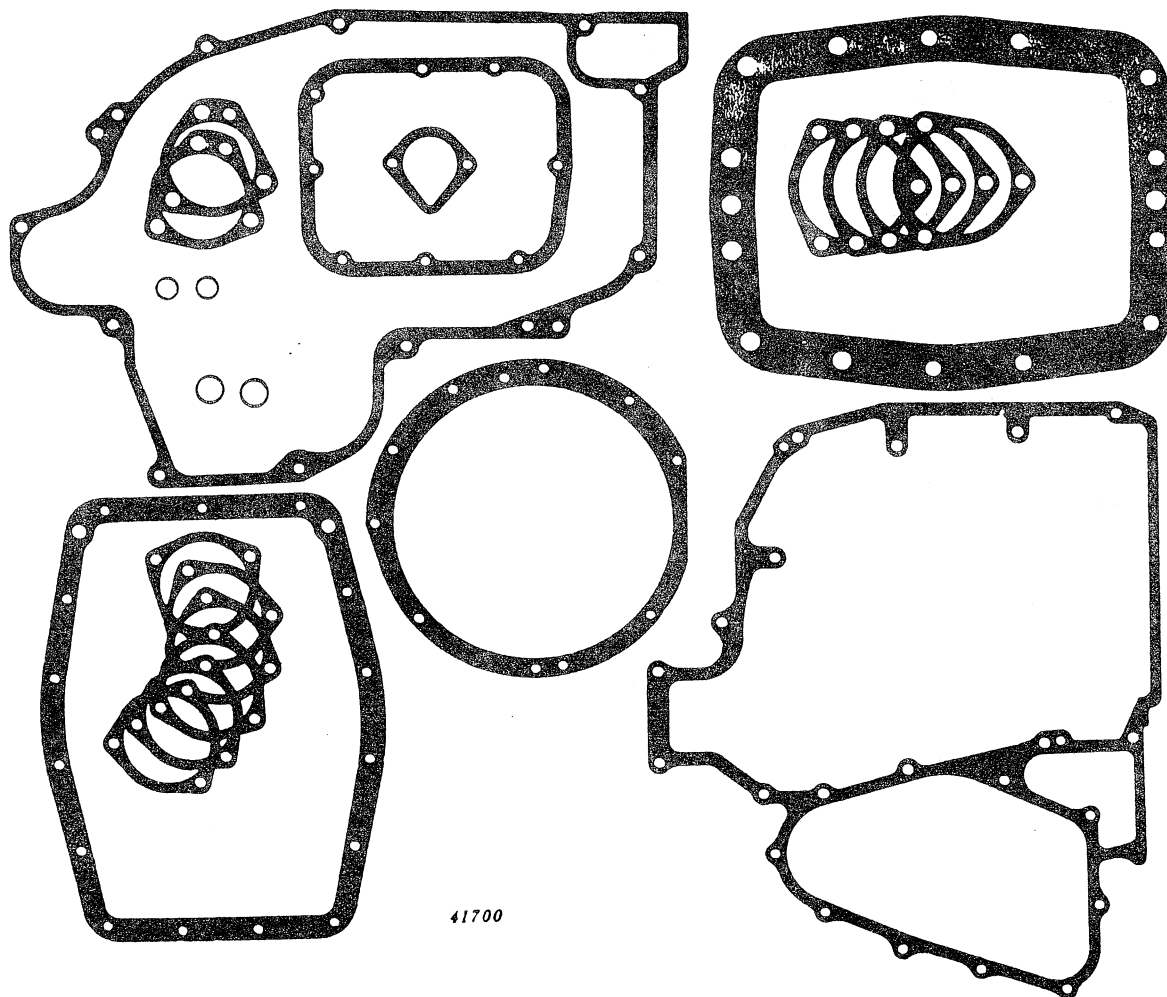
Part No.	Description	
AF 2249 R	Gasket set, consisting of:	
1 A 3817 R	( - )	Gasket, transmission drive shaft outer bearing cover
1 A 4224 R	( - )	Packing, flywheel spacer
1 A 4847 R	( - )	Gasket, main bearing oil hole, R. H.
1 F 157 R	( - )	Gasket, R. H. brake
1 F 1396 R	( - )	Gasket, pulley oil seal
1 F 1791 R	( - )	Gasket, cranking engine oil drain hole
1 F 1803 R	( - )	Gasket, crankcase cover, R. H.
1 F 1804 R	( - )	Gasket, crankcase cover, L. H.
1 F 1905 R	( - )	Gasket, timing gear housing
1 F 1922 R	( - )	Gasket, R. H. main bearing housing
5 F 1929 R	( - )	Shim, crankshaft thrust cover
1 F 2041 R	( - )	Gasket, governor case
1 F 2383 R	( - )	Gasket, first reduction gear cover (sub. for F1245R)
4 R 495 R	( - )	O-ring, cranking engine water outlet and inlet pipes

**GASKET SET FOR GOVERNOR OVERHAUL**  
(Serial No. 7017500- )



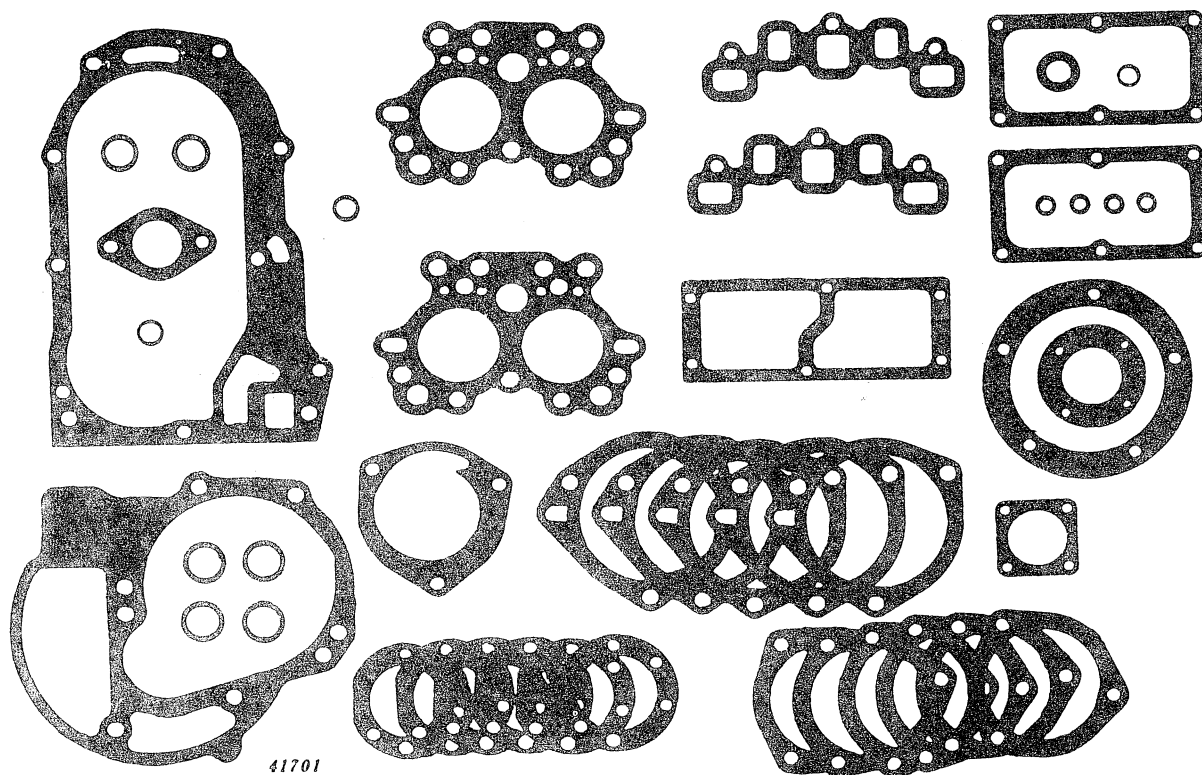
Part No.	Description
AF 2244 R	Gasket set, consisting of:
1 A 3190 R	( - ) O-ring, generator drive pulley
1 A 3190 R	( - ) O-ring, governor lever pivot pin
1 A 4847 R	( - ) Gasket, governor shaft, L. H. bearing oil lead hole
1 B 293 R	( - ) Packing, fan shaft support tube
1 B 2127 R	( - ) Packing, rear fan bearing
1 F 1755 R	( - ) Gasket, fuel pump housing
1 F 2041 R	( - ) Gasket, governor case
1 F 2043 R	( - ) Gasket, governor lever housing
4 F 2056 R	( - ) Shim, L. H. , governor bearing housing
4 F 2057 R	( - ) Shim, L. H. , governor bearing housing
1 F 2068 R	( - ) Gasket, speed control housing
1 F 2070 R	( - ) Gasket, governor case cover
1 F 2073 R	( - ) Gasket, speedometer drive quill
5 F 2077 R	( - ) Shim, fan shaft rear bearing housing
1 R 316 R	( - ) Packing, speed control rod
1 R 1138 R	( - ) O-ring, governor lever housing

GASKET SET FOR TRANSMISSION AND REAR END OVERHAUL  
(Serial No. 7017500- )



Part No.	Description			
AF 2239 R	Gasket set, consisting of:			
2 A 3606 R	(	-	)	O-ring, powr-trol suction line
1 A 3817 R	(	-	)	Gasket, transmission drive shaft outer bearing cover
2 F 157 R	(	-	)	Gasket, brake housing
4 F 173 R	(	-	)	Shim, differential bearing quill
1 F 265 R	(	-	)	Gasket, power lift housing
6 F 1363 R	(	-	)	Shim, countershaft, R. H. bearing housing
1 F 1396 R	(	-	)	Gasket, pulley oil seal
1 F 1636 R	(	-	)	Gasket, rear axle housing to case
1 F 1905 R	(	-	)	Gasket, timing gear housing
1 F 2028 R	(	-	)	Gasket, transmission case cover
1 F 2383 R	(	-	)	Gasket, first reduction gear cover (sub. for F1245R)
2 R 495 R	(	-	)	O-ring, powr-trol pressure line

**GASKET SET FOR CRANKING ENGINE OVERHAUL**  
(Serial No. 7017500- )

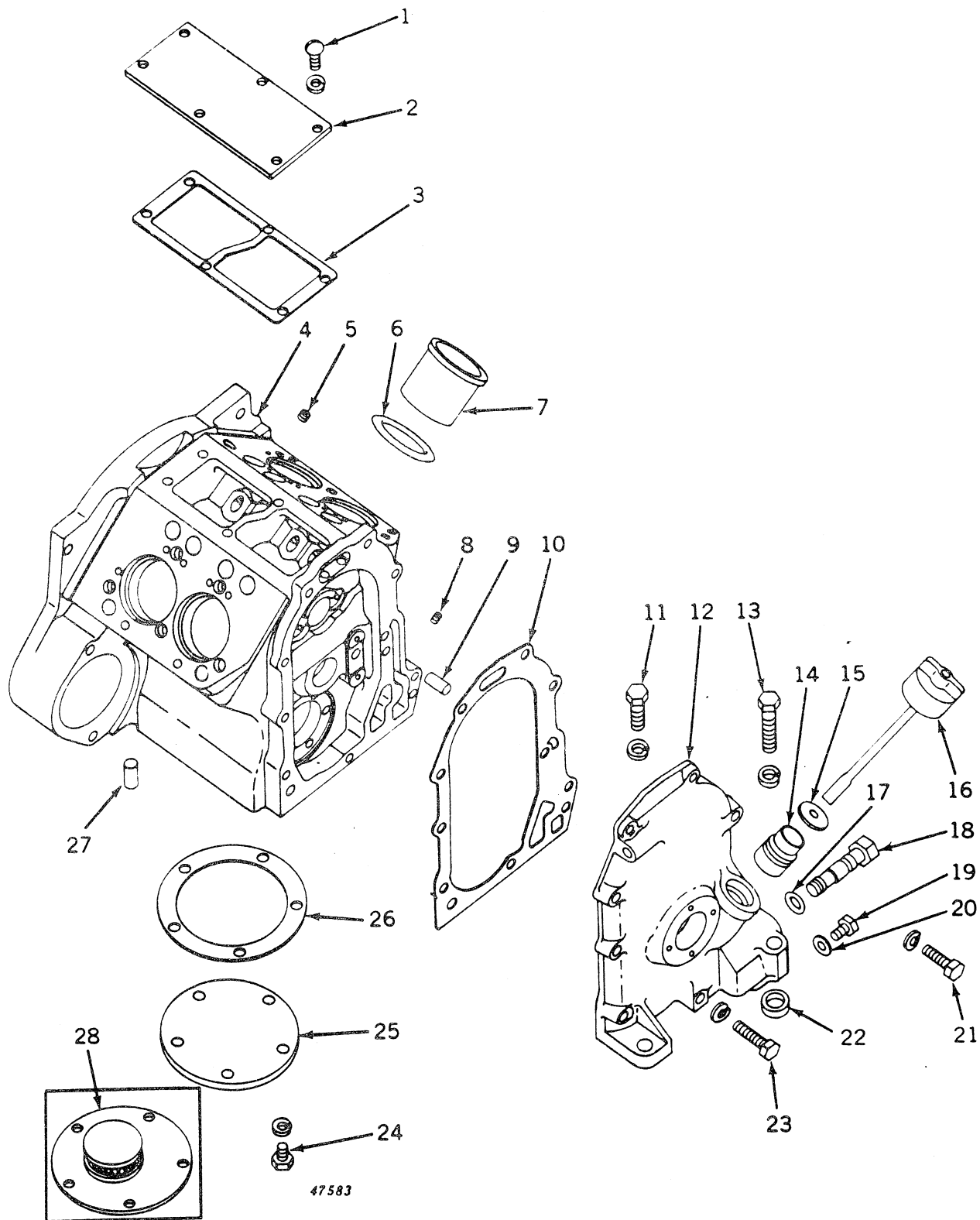


Part No.	Description
AF 2243 R	Gasket set, consisting of:
1 A 4365 R	( - ) O-ring, governor arm
2 B 2762 R	( - ) O-ring, water pump to cylinder tube
1 F 1777 R	( - ) Gasket, cylinder water outlet
1 F 1787 R	( - ) Gasket, timing gear cover
1 F 1791 R	( - ) Gasket, oil drain hole
2 F 1845 R	( - ) Gasket, cylinder head
6 F 1856 R	( - ) Shim, oil pump body to cylinder
1 F 1861 R	( - ) Gasket, crankcase cover
4 F 1870 R	( - ) O-ring, cylinder liner
1 F 1872 R	( - ) Gasket, cylinder cover
4 F 1941 R	( - ) Washer, packing, tappet lever shaft
2 F 1944 R	( - ) Gasket, tappet lever cover
10 F 1965 R	( - ) Shim, water pump to cylinder
1 F 1969 R	( - ) Gasket, water pump housing cover
1 F 1997 R	( - ) Gasket, transmission housing
1 F 2083 R	( - ) Gasket, distributor
2 F 2087 R	( - ) Gasket, manifold
1 F 2115 R	( - ) Gasket, air cleaner
3 F 3520 R	( - ) Shim, main bearing (sub. for F1841R)
1 R 394 R	( - ) O-ring, ventilator pipe
1 R 459 R	( - ) O-ring, oil drain plug
4 R 495 R	( - ) O-ring, water inlet and outlet pipes
1 R 640 R	( - ) Gasket, carburetor

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MEMORANDA



CRANKING ENGINE CYLINDER BLOCK AND COVERS  
(Serial No. 7017500- )

CRANKING ENGINE CYLINDER BLOCK AND COVERS -- Continued  
(Serial No. 7017500- )

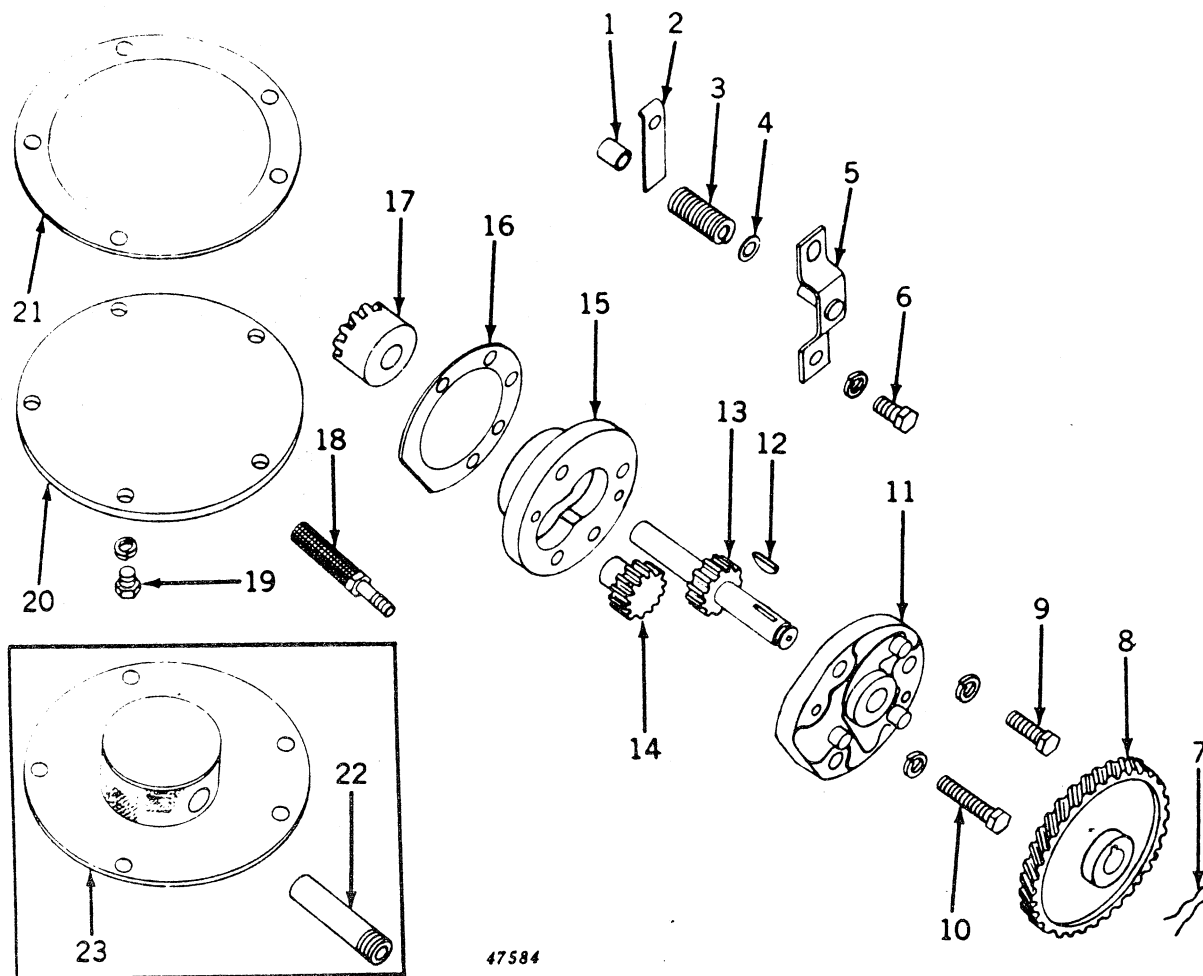
Key	Part No.	Serial No.	Description
1	21H 1023	( - )	Screw, mach., 1/4" x 5/8" (6 used)
	12H 302	( - )	Washer, lock, 1/4" (6 used)
2	AF 2168 R	( - )	Cover, cylinder
3	F 1872 R	( - )	Gasket (packed 2 in a pkg.)
4	AF 2215 R	( - )	Cylinder, F1865R, with liners, bushings, dowel pins, and oil relief tube (sub. AR21763R cylinder block, AF3715R main bearing housing and AF3722R crankshaft)
	AF 3723 R	( - )	Engine, short block replacement, consisting of engine assembly, less flywheel, clutch, transmission, carburetor, distributor, cranking motor, etc. (use with AF2243R cranking engine overhaul gasket kit) (on 7017500-7034099 also furnish one F2393R outlet pipe) (sub. for AF2358R)
5	15H 253	( - )	Plug, pipe, 1/8"
6	F 1870 R	( - )	O-ring (4 used) (packed 2 in a pkg.)
7	F 1869 R	( - )	Liner, cylinder (4 used)
8	15H 558	( - )	Plug, pipe, 1/8"
9	R 26650 R	( - )	Pin, dowel (2 used) (packed 2 in a pkg.) (sub. for A4879R)
10	F 1787 R	( - )	Gasket (packed 2 in a pkg.)
11	19H 1978	( - )	Screw, cap, high-strength, 7/16" x 1-1/2"
	12H 293	( - )	Washer, lock, 7/16"
12	AF 1989 R	( - )	Cover, F1786R, timing gear, with tube (sub. one AF3745R, one F3551R, one F3552R, and two 21H1161)
13	19H 2055	( - )	Screw, cap, high-strength, 7/16" x 2-1/4"
	12H 293	( - )	Washer, lock, 7/16"
14	R 693 R	( - )	Tube, oil level rod
15	R 793 R	( - )	Gasket (packed 2 in a pkg.)
16	AF 2021 R	( - )	Cap, oil filler and level
17	R 459 R	( - )	O-ring (packed 5 in a pkg.)
18	F 1788 R	( - )	Plug, oil drain
19	19H 1227	( - )	Screw, cap, high-strength, 1/4" x 1/2"
20	24H 1287	( - )	Washer, 9/32" x 5/8" x .060"
21	19H 1758	( - )	Screw, cap, high-strength, 5/16" x 1-1/4" (sub. for F2270R)
	12H 303	( - )	Washer, lock, 5/16" (6 used)
22	F 1791 R	( - )	Gasket (packed 2 in a pkg.)
23	19H 1906	( - )	Screw, cap, high-strength, 5/16" x 1-1/2" (3 used)
	12H 303	( - )	Washer, lock, 5/16" (3 used)
24	19H 1227	( - )	Screw, cap, high-strength, 1/4" x 1/2" (5 used)
	12H 302	( - )	Washer, lock, 1/4" (5 used)
25	F 3321 R	(7031300- )	Cover, crankcase (sub. for F1860R)
26	F 1861 R	( - )	Gasket (packed 2 in a pkg.)
27	R 26650 R	( - )	Pin, dowel (2 used) (packed 2 in a pkg.) (sub. for A4879R)
28	AF 2020 R	( -7031299)	Cover, crankcase, with oil pump strainer (sub. one A258R, one AF3871R, and one F3321R)

Part listed below is not illustrated.

24H 1321	( - )	Washer, 29/64" x 13/16" x .018" cranking engine to main case (8 used)
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# CRANKING ENGINE OILING SYSTEM

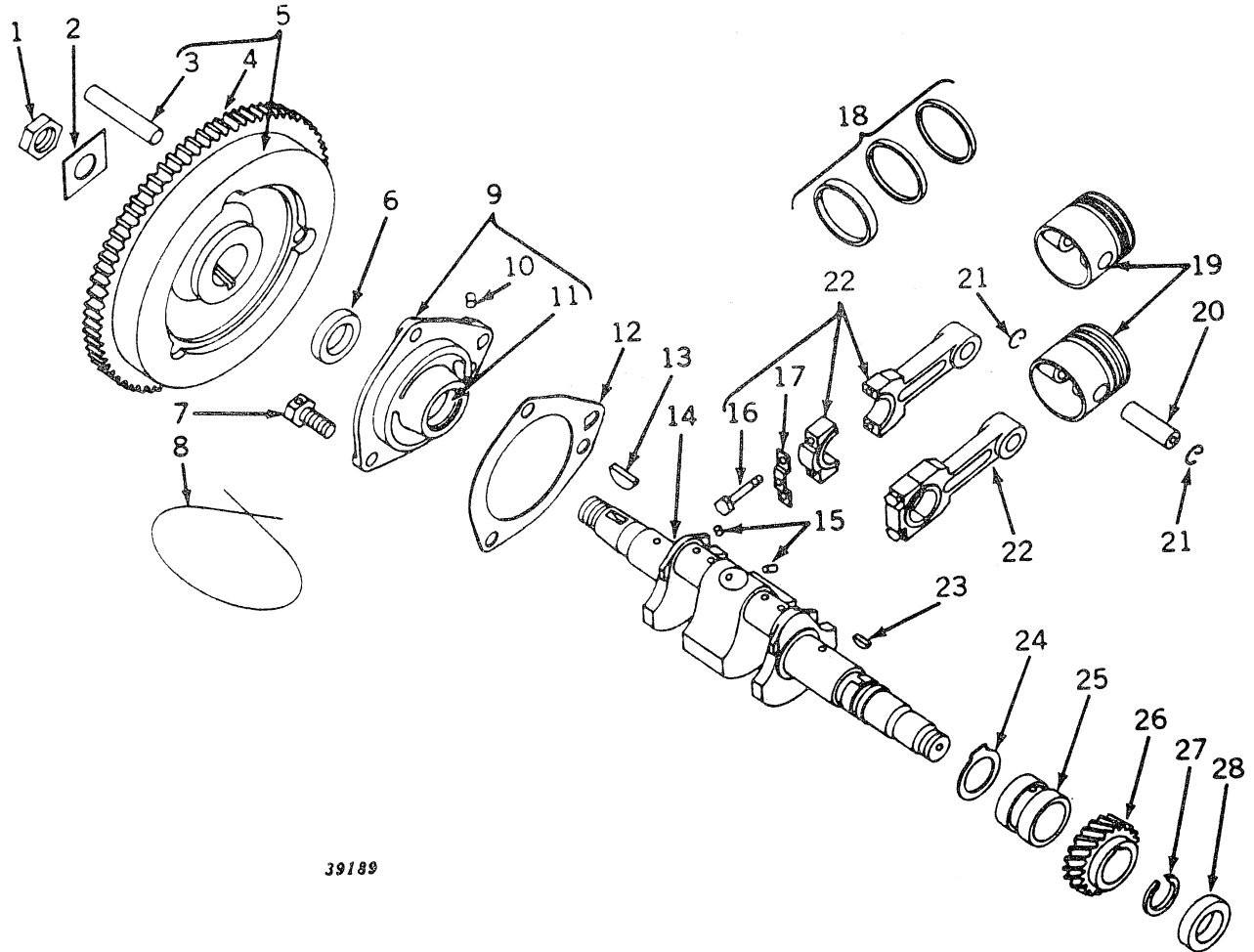
(Serial No. 7017500- )



47584

Key	Part No.	Serial No.	Description
1	R 623 R	( - )	Tube, oil relief
2	R 568 R	( - )	Spring, leaf, oil relief
3	A 1280 R	( - )	Spring, oil pressure adjusting (packed 2 in a pkg.)
4	24H 1286	( - )	Washer, 9/32" x 1/2" x .060"
5	AF 3911 R	( - )	Bracket, oil relief spring, with pin (sub. for AR515R)
6	21H 1144	( - )	Screw, mach., 1/4" x 1/2" (2 used)
	12H 302	( - )	Washer, lock, 1/4" (2 used)
7	R 446 R	( - )	Ring, snap (packed 2 in a pkg.)
8	F 1858 R	( - )	Gear, oil pump drive
9	19H 1919	( - )	Screw, cap, high-strength, 1/4" x 3/4" (2 used)
	12H 302	( - )	Washer, lock, 1/4" (2 used)
10	19H 1758	( - )	Screw, cap, high-strength, 5/16" x 1-1/4" (3 used) (sub. for F2270R)
	12H 303	( - )	Washer, lock, 5/16" (3 used)
11	F 1855 R	( - )	Cover, oil pump body
12	26H 7	( - )	Key, Woodruff, 1/8" x 1/2"
13	F 1854 R	( - )	Gear, oil pump driver
14	R 561 R	( - )	Gear, oil pump idler
15	F 1852 R	( - )	Body, oil pump
16	F 1856 R	( - )	Shim, paper (packed 10 in a pkg.)
17	F 1853 R	( - )	Gear, bevel
18	AF 2320 R	(7031300- )	Screen, oil pump strainer (sub. one A258R and one AF3871R)
19	19H 1948	( - )	Screw, cap, 1/4" x 1/2" (5 used)
	12H 302	( - )	Washer, lock, 1/4" (5 used)
20	F 3321 R	(7031300- )	Cover, crankcase (sub. for F1860R)
21	F 1861 R	( - )	Gasket (packed 2 in a pkg.)
22	F 1859 R	( -7031299)	Pipe, oil pump inlet (sub. one A258R and one AF3871R)
23	AF 2020 R	( -7031299)	Cover, crankcase, with oil pump strainer (sub. one A258R, one AF3871R, and one F3321R)

**CRANKING ENGINE FLYWHEEL, MAIN BEARING, CRANKSHAFT,  
CONNECTING RODS, AND PISTONS**  
(Serial No. 7017500- )

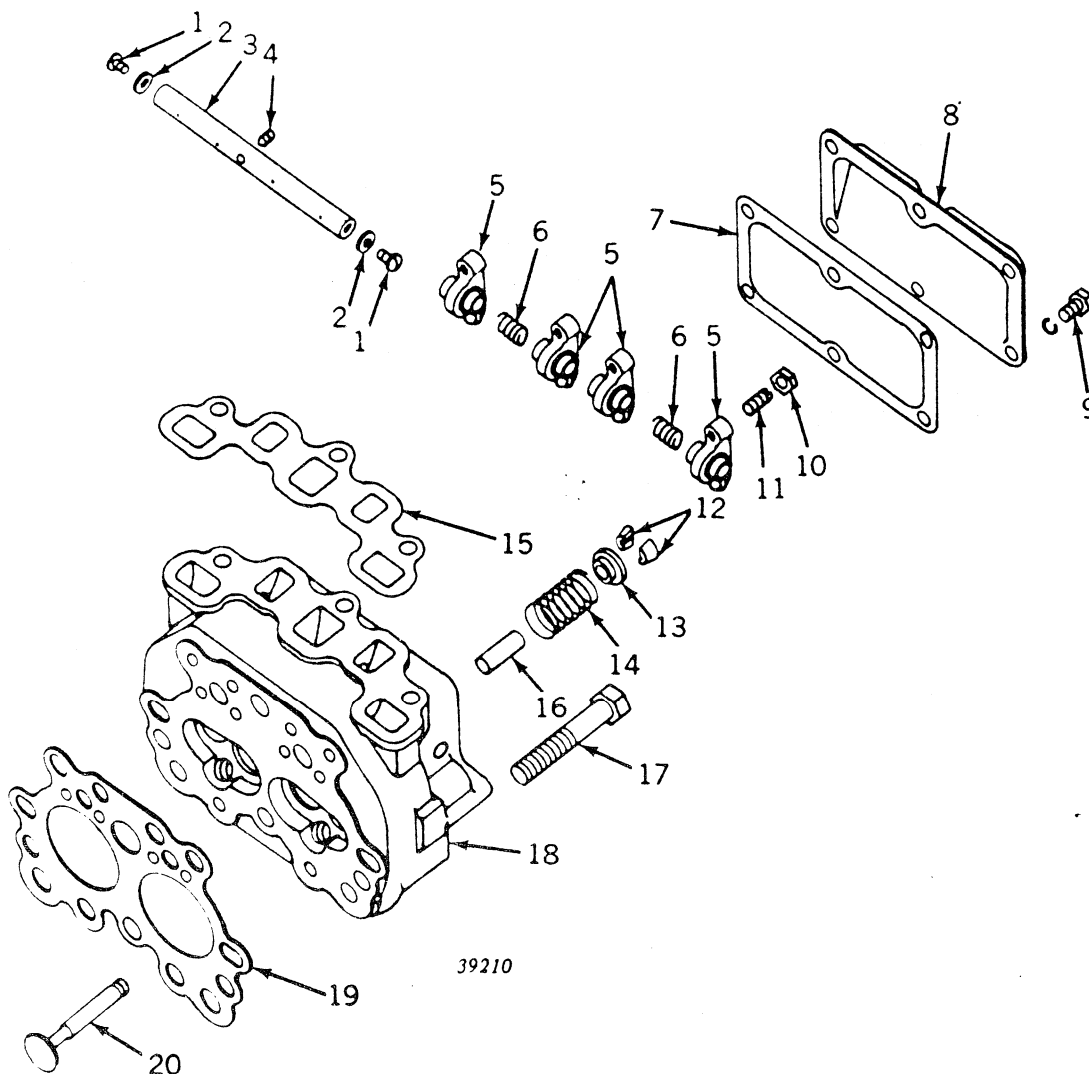


39189

Key	Part No.	Serial No.	Description
1	14H 793	( - )	Nut, jam, 3/4"
2	F 1836 R	( - )	Plate, lock
3	R 619 R	( - )	Pin, clutch drive (3 used)
4	F 2265 R	( - )	Gear, starter ring (sub. for AR879R)
5	AF 2012 R	( - )	Flywheel, F1835R, with starter gear and pins
6	AF 2167 R	( - )	Seal, oil
7	D 459 R	( -7033862 )	Screw, cap, 3/8" x 1" (drilled) (3 used) (sub. A487R and H246R)
8	A 487 R	(7033863- )	Screw, special cap (3 used)
	.....	( -7033862 )	Wire, 16 gauge x 15" long
	H 246 R	(7033863- )	Plate, lock (3 used) (packed 2 in a pkg.)
9	AF 2013 R	( - )	Housing, F1838R, main bearing, with bushing and pin
10	F 1840 R	( - )	Pin, dowel
11	AF 2175 R	( - )	Bushing (pkg. of 2)
12	F 3520 R	( - )	Shim, paper, .005" (packed 5 in a pkg.) (sub. for F1841R)
	F 3519 R	( - )	Shim, steel, .010" (sub. for F2420R)
13	26H 19	( - )	Key, Woodruff, 1/4" x 7/8"
14	AF 3720 R	( - )	Crankshaft, F1833R, with pins (sub. for AF2010R)
15	T 16573 T	( - )	Pin (2 used) (sub. for F1837R)
16	F 1807 R	( - )	Bolt, connecting rod (8 used) (packed 2 in a pkg.)
17	F 1808 R	( - )	Plate, lock (4 used)
18	AF 1994 R	( - )	Ring, piston (set of 4 oil control and 8 compression)
19	AF 1992 R	( - )	Pistons, four F1810R, with rings and pins
	AR 20852 R	( - )	Piston, one F1810R, with rings only
20	F 1811 R	( - )	Pin, piston (sub. for AF1993R) (packed 4 in a pkg.)
21	F 1812 R	( - )	Ring, snap (8 used) (packed 2 in a pkg.)
22	AF 3418 R	( - )	Rod, F1806R or F3300R, connecting (4 used) (sub. for AF1991R)
23	26H 10	( - )	Key, Woodruff, 5/32" x 5/8"
24	F 1843 R	( - )	Washer, thrust
25	AF 2175 R	( - )	Bushing (pkg. of 2)
26	F 1834 R	( - )	Gear, crankshaft
27	A 602 R	( - )	Ring, snap
28	AF 2167 R	( - )	Seal, oil

# CRANKING ENGINE CYLINDER HEAD, VALVES, AND TAPPETS

(Serial No. 7017500- )

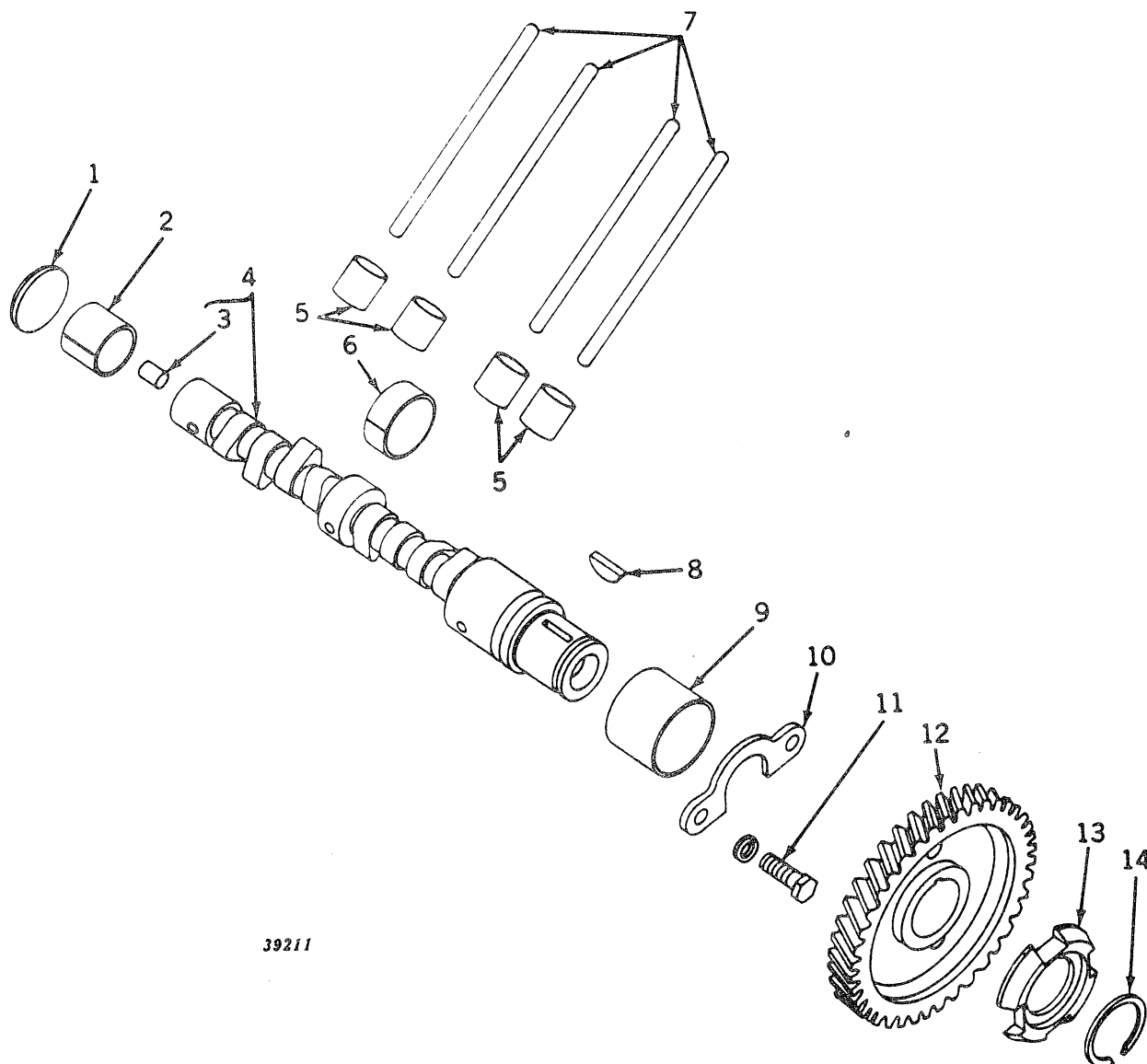


39210

Key	Part No.	Serial No.	Description
1	21H 981	( )	Screw, mach., no. 10 x 1/2" (4 used)
2	F 1941 R	( )	Washer, packing (4 used) (packed 2 in a pkg.)
3	F 1940 R	( )	Shaft, tappet lever (2 used)
4	22H 710	( )	Screw, set (2 used)
5	AF 3620 R	( )	Lever, tappet (8 used) (sub. for AF2178R)
6	F 1942 R	( )	Spring, tappet lever spacer (4 used)
7	F 1944 R	( )	Gasket (2 used) (packed 2 in a pkg.)
8	F 1943 R	( )	Cover, tappet lever (2 used)
9	19H 1227	( )	Screw, cap, high-strength, 1/4" x 1/2" (12 used)
10	12H 302	( )	Washer, lock, 1/4" (12 used)
11	14H 861	( )	Nut, 1/4" (8 used)
12	F 1939 R	( )	Screw, special set, tappet lever adjusting (8 used)
13	F 1851 R	( )	Lock, valve spring retainer (16 used) (packed 2 in a pkg.)
14	F 1850 R	( )	Cap, valve spring (8 used)
15	R 20129 R	( )	Spring, valve (8 used) (sub. for F1849R)
16	F 2087 R	( )	Gasket, manifold (2 used) (packed 2 in a pkg.)
17	F 3531 R	( )	Guide, valve (pkg. of 8) (sub. for AF2083R) (packed 4 in a pkg.)
18	19H 2227	( )	Screw, cap, high-strength, 7/16" x 2-1/2" (10 used)
19	AF 3736 R	( )	Head, F1844R, cylinder, with valve guides (2 used) (sub. for AF2015R)
20	F 1845 R	( )	Gasket (2 used) (packed 2 in a pkg.)
	F 3217 R	( )	Valve, exhaust (sub. for AF2016R and F1847R) (packed 4 in a pkg.)
	F 1848 R	( )	Valve, intake (sub. for AF2017R) (packed 4 in a pkg.)

# CRANKING ENGINE CAMSHAFT AND CAM FOLLOWERS

(Serial No. 7017500- )

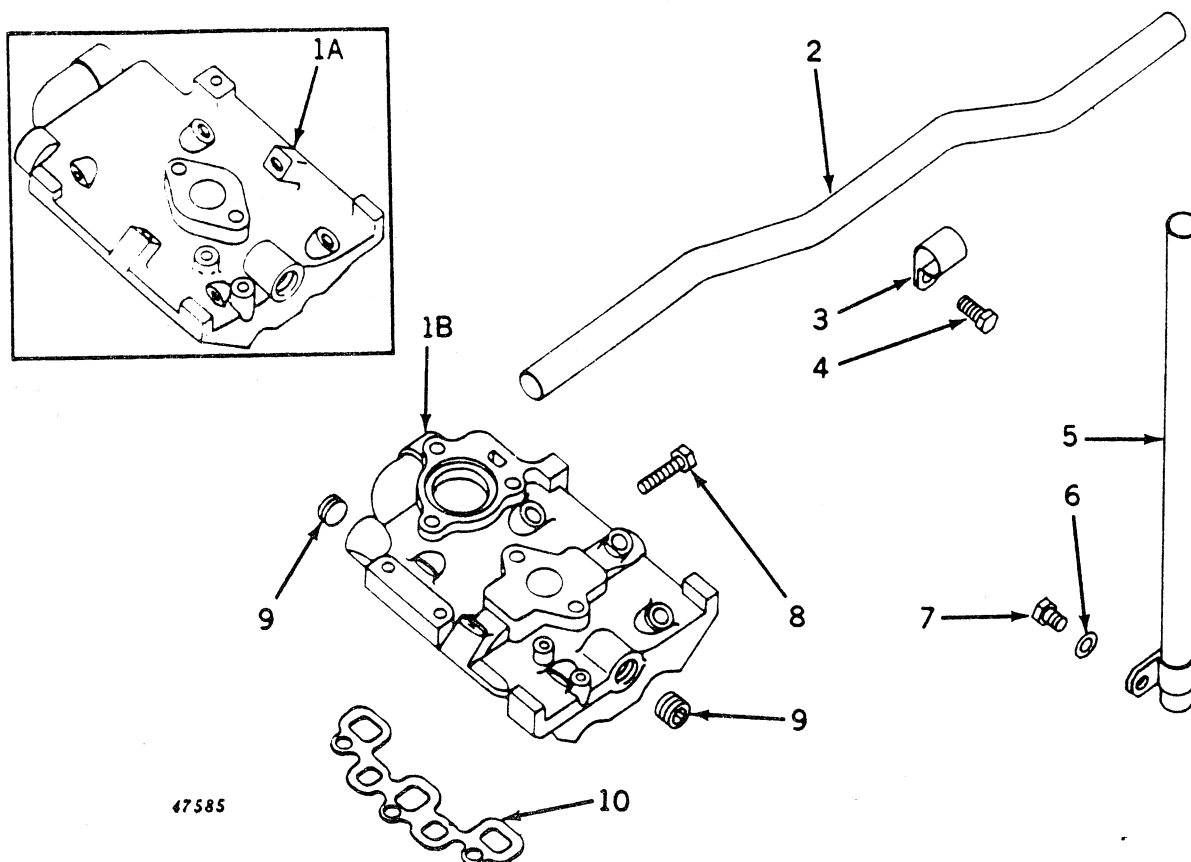


39211

Key	Part No.	Serial No.	Description
1	30H 15	( - )	Plug, expansion, 1-1/8"
2	F 2218 R	( - )	Bushing, rear
3	F 1840 R	( - )	Pin, dowel
4	AF 2138 R	( - )	Camshaft with pin (sub. one AF3743R, one F3547R, one F3548R, one F3549, and one 26H14)
5	F 1936 R	( - )	Follower, cam (8 used) (sub. one F3577R, one F3578R, and one F3579R)
6	F 2219 R	( - )	Bushing, center
7	F 1937 R	( - )	Rod, tappet (8 used)
8	26H 72	( - )	Key, Woodruff, 1/8" x 5/8"
9	F 2217 R	( - )	Bushing, front
10	F 1934 R	( - )	Plate, thrust
11	19H 1919	( - )	Screw, cap, high-strength, 1/4" x 3/4" (2 used)
	12H 302	( - )	Washer, lock, 1/4" (2 used)
12	F 1935 R	( - )	Gear, camshaft
13	F 1783 R	( - )	Retainer, governor ball
14	A 602 R	( - )	Ring, snap (packed 2 in a pkg.)

# CRANKING ENGINE MANIFOLD AND EXHAUST PIPE

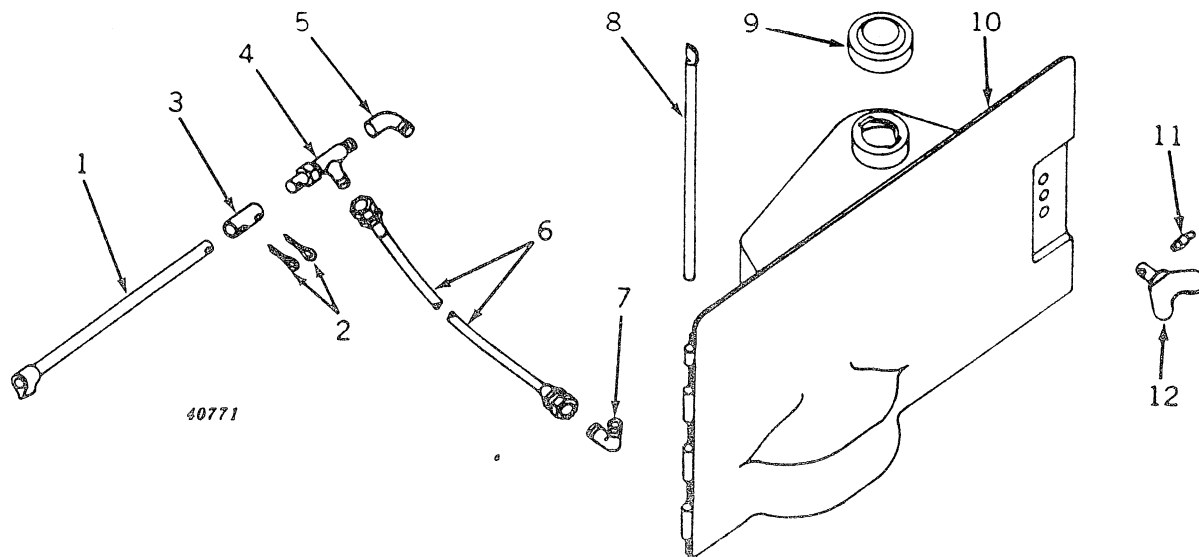
(Serial No. 7017500- )



Key	Part No.	Serial No.	Description
1A	F 2086 R	( -7034099 )	Manifold
1B	F 2388 R	( 7034100- )	Manifold
2	F 2088 R	( - )	Pipe, exhaust
3	A 4656 R	( - )	Clamp
4	19H 1936	( - )	Screw, cap, 3/8" x 3/4" (sub. for F2272R)
5	AF 3221 R	( - )	Pipe, exhaust outlet, with clamp (sub. for AF2125R)
6	24H 1136	( - )	Washer, 11/32" x 11/16" x .060"
7	19H 99	( - )	Screw, cap, high-strength, 5/16" x 9/16"
8	19H 1906	( - )	Screw, cap, high-strength, 5/16" x 1-1/2" (6 used)
9	15H 624	( - )	Plug (2 used) (sub. for A3125R)
10	F 2087 R	( - )	Gasket (2 used) (packed 2 in a pkg. )

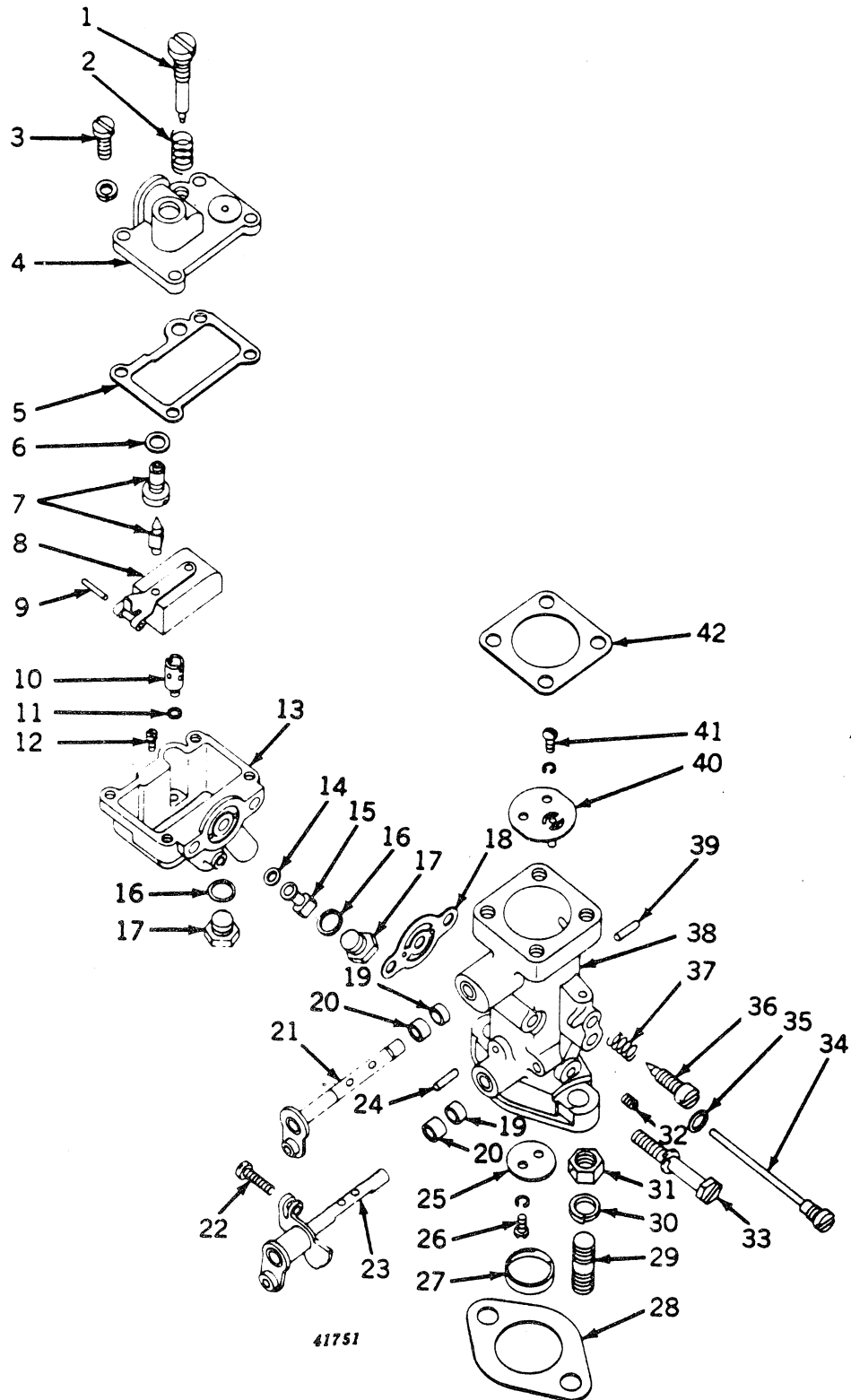
# CRANKING ENGINE FUEL SYSTEM

(Serial No. 7017500- )



Key	Part No.	Serial No.	Description
1	AF 2154 R	( - )	Rod, gasoline shut-off, with R1156R handle (sub. one AF3208R, one AF3209R, and two R638R)
2	11H 234	( - )	Pin, cotter, 3/32" x 1" (2 used)
3	F 2137 R	( - )	Coupling (sub. one AF3209R and two R638R)
4	AF 2153 R	( - )	Valve, needle, gasoline shut-off
5	F 2136 R	( - )	Elbow, gasoline shut-off valve
6	AF 2152 R	( - )	Line, flexible gasoline
7	F 357 R	( - )	Elbow, flexible gasoline line to gasoline tank
8	F 2135 R	( - )	Pin, hinge, hood door
9	AF 2155 R	( - )	Cap, filler
10	AF 2150 R	( - )	Door, hood, and gasoline tank (sub. one AF3776R, one AF3778R, one 29H483 and one E1994R)
11	M 316 T	( - )	Pin, cross (packed 2 in a pkg.)
12	F 2134 R	( - )	Fastener, wing, hood door



CRANKING ENGINE CARBURETOR  
(Serial No. 7017500- )

**CRANKING ENGINE CARBURETOR -- Continued**  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	AR 13014 R	( - )	Needle, main jet adjusting (sub. for AZN11R)
2	R 13013 R	( - )	Spring, main jet adjusting needle (packed 2 in a pkg.) (sub. for ZN12R)
3	21H 982**	( - )	Screw, mach., UNF, no. 10 x 1/2" (4 used)
	12H 246	( - )	Washer, lock, no. 10 (4 used)
4	AR 13012 R	( - )	Cover, fuel bowl, with plugs (sub. for AZN8R)
5	.....*	( - )	Gasket, fuel bowl cover
6	.....*	( - )	Gasket, fuel valve
7	AR 13002 R**	( - )	Valve, float, with seat (sub. for AZN9R)
8	AR 13013 R	( - )	Float, with lever (sub. for AZN10R)
9	R 13011 R**	( - )	Pin, float (packed 2 in a pkg.) (sub. for ZN10R)
10	R 13012 R**	( - )	Jet, main (packed 2 in a pkg.) (sub. for ZN11R)
11	.....*	( - )	Gasket, main jet
12	R 13015 R**	( - )	Jet, compensator (packed 2 in a pkg.) (sub. for ZN14R)
13	AR 13010 R	( - )	Bowl, fuel, with plugs (sub. for AZN6R)
14	.....*	( - )	Gasket, metering well
15	R 13014 R	( - )	Well, metering (packed 2 in a pkg.) (sub. for ZN13R)
16	.....*	( - )	Gasket (2 used)
17	H 21008 H	( - )	Plug (2 used) (sub. for ZN15H)
18	.....*	( - )	Gasket
19	H 20921 H**	( - )	Washer, felt (2 used) (sub. for ZN2H)
20	H 20922 H**	( - )	Retainer, felt washer (2 used) (sub. for ZN3H)
21	AR 13007 R	( - )	Shaft, choke, with lever (sub. for AZN3R)
22	R 13000 R	( - )	Screw, special mach. (sub. for 21H1079R)
23	AR 13004 R	( - )	Shaft, throttle, with lever and adjusting screw (sub. for AZN2R)
24	R 13001 R	( - )	Pin, throttle stop (sub. for ZN1N)
25	R 13008 R	( - )	Disk, throttle (packed 2 in a pkg.) (sub. for ZN4R)
26	21H 959**	( - )	Screw, mach., no. 5 x 3/16" (2 used)
	12H 313	( - )	Washer, lock, no. 5 (2 used) (sub. for M-52X)
27	R 13009 R**	( -7034099 )	Ring, deflecting (packed 2 in a pkg.) (sub. for ZN8R)
28	R 640 R	( - )	Gasket (packed 2 in a pkg.)
29	A 3612 R	( - )	Stud, 5/16" x 1-1/4" (2 used) (sub. for H172R)
30	12H 10 R	( - )	Washer, lock, 5/16" (2 used)
31	14H 785 R	( - )	Nut, 5/16" (2 used)
32	R 13010 R	( - )	Plug, priming (packed 2 in a pkg.) (sub. for ZN9R)
33	AR 13011 R	( - )	Screw, special cap, with lock washer (2 used) (packed 2 in a pkg.) (sub. for AZN7R)
34	AR 13009 R**	( - )	Jet, idle (sub. for AZN5R)
35	.....*	( - )	Gasket, idle jet
36	R 13007 R**	( - )	Needle, idle adjusting (sub. for ZN6R)
37	H 20923 H	( - )	Spring, idle adjusting needle (sub. for ZN7H)
38	AF 3775 R	( - )	Body, carburetor, with bushings and discharge nozzle (sub. for AZN1R or AR13006R)
39	AR 13009 R	( - )	Pin, choke stop (sub. for ZN5R)
40	AR 13008 R	( - )	Disk, choke (sub. for AZN4R)
41	21H 959**	( - )	Screw, mach., no. 5 x 3/16" (2 used)
	12H 313	( - )	Washer, lock, no. 5 (2 used) (sub. for M-52X)
42	F 2115 R	( - )	Gasket (packed 2 in a pkg.)

Parts listed below are assemblies of parts in this grouping.

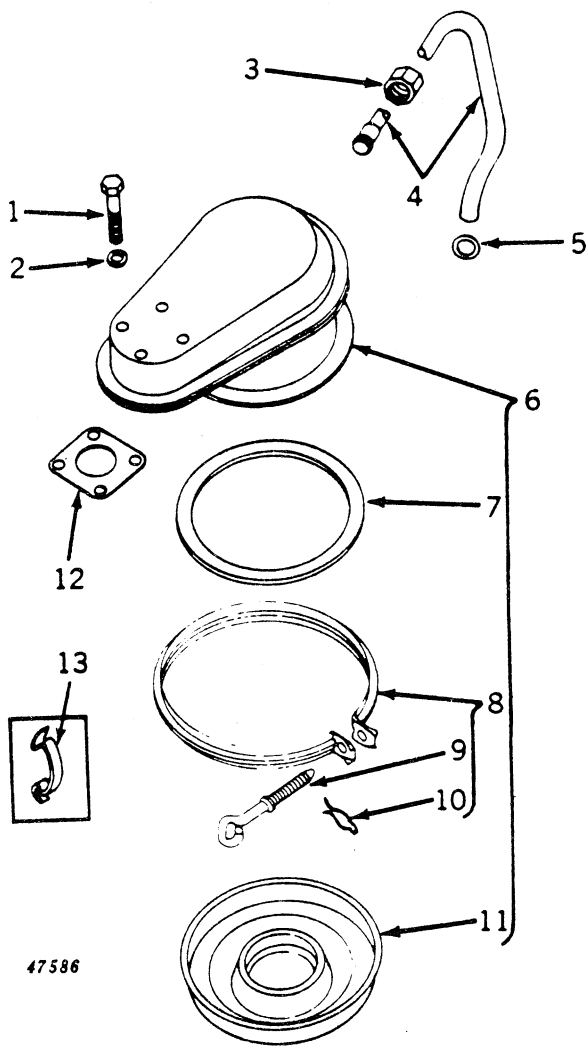
AF 2146 R	( - )	Carburetor (on 7034100 and up remove ZN8R ring before installing carburetor) (sub. AF3775R)
AR 13015 R	( - )	Kit, carburetor gasket (sub. for AZN12R)
AR 13005 R	( - )	Kit, carburetor service (sub. for AZN13R)

\*Part of AR13015R gasket kit (individual gaskets not sold)

\*\*Part of AR13005R carburetor service kit (this kit also includes gaskets marked\*)

# CRANKING ENGINE AIR CLEANER

(Serial No. 7017500- )

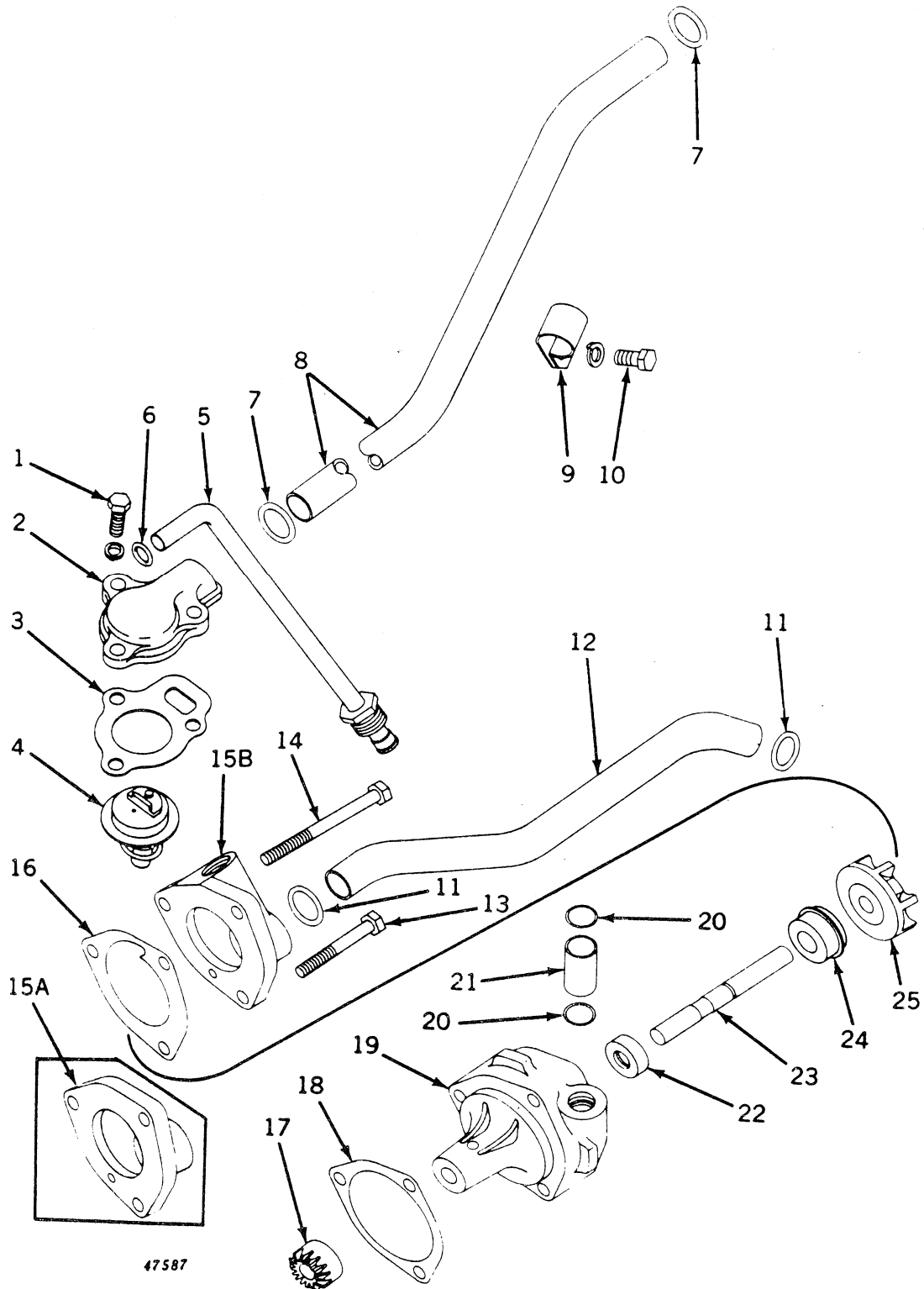


47586

Key	Part No.	Serial No.	Description
1	19H 1780	( - )	Screw, special cap, high-strength, 1/4" x 2-3/8" (4 used)
2	F 2116 R	( - )	Washer, copper (4 used) (packed 2 in a pkg.)
3	A 2880 R	( - )	Nut
4	AF 2181 R	( - )	Tube, ventilator
5	R 394 R	( - )	O-ring (packed 5 in a pkg.)
6	AF 2140 R	( -7031299)	Cleaner, air (sub. AR1426R)
	AR 1426 R	(7031300- )	Cleaner, air
7	F 2190 R	( - )	Gasket (packed 5 in a pkg.)
8	AR 1428 R	(7031300- )	Clamp, cup
9	R 1910 R	(7031300- )	Bolt, clamp (sub. AR1428R)
10	R 1911 R	(7031300- )	Lock, spring
11	F 2188 R	( -7031299)	Cup, oil (sub. one R1906R and one AR1428R)
	R 1906 R	(7031300- )	Cup, oil
12	F 2115 R	( - )	Gasket (packed 2 in a pkg.)
13	F 2189 R	( -7031299)	Clamp, cup (2 used) (sub. one R1906R and one AR1428R)

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MEMORANDA

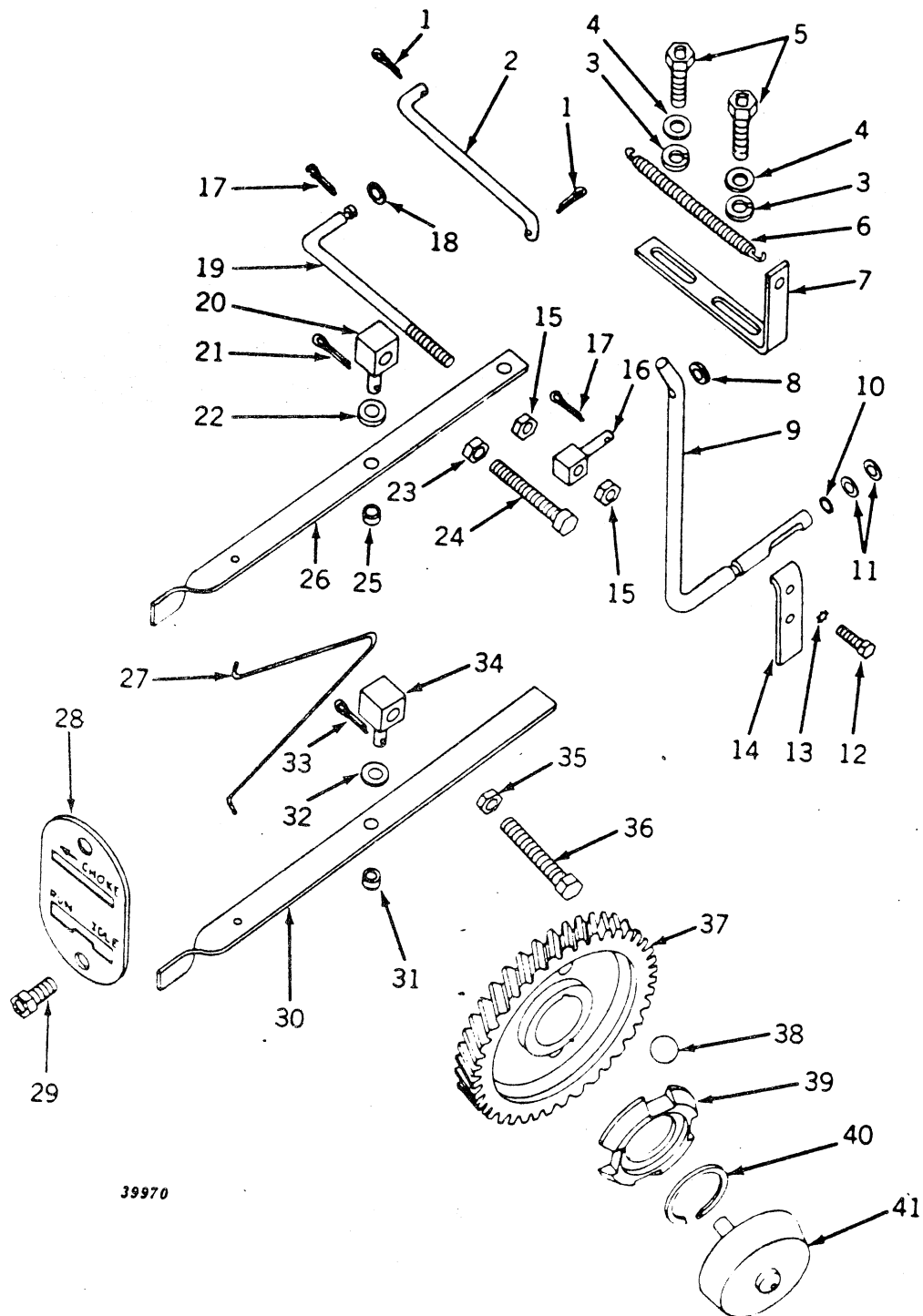
CRANKING ENGINE COOLING SYSTEM  
(Serial No. 7017500- )

**CRANKING ENGINE COOLING SYSTEM -- Continued**  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	19H 1905	(7034100- )	Screw, cap, high-strength, 5/16" x 1" (3 used)
	12H 303	(7034100- )	Washer, lock, 5/16" (3 used)
2	F 2390 R	(7034100- )	Cover, thermostat
3	F 2391 R	(7034100- )	Gasket (packed 2 in a pkg.)
4	AF 2415 R	(7034100- )	Thermostat (range 100° F. - 115° F.)
5	AF 2416 R	(7034100- )	Pipe, water bypass
6	R 394 R	(7034100- )	O-ring (packed 5 in a pkg.)
7	R 495 R	( - )	O-ring (2 used) (packed 5 in a pkg.)
8	F 1971 R	( -7034099 )	Pipe, water outlet, CE manifold to diesel cylinder head outlet
	F 2393 R	(7034100- )	Pipe, water outlet, CE manifold to diesel cylinder head outlet
9	A 4656 R	( - )	Clamp
10	19H 1936	( - )	Screw, cap, 3/8" x 3/4" (sub. for F2272R)
	12H 304	( - )	Washer, lock, 3/8"
11	R 495 R	( - )	O-ring (2 used) (packed 5 in a pkg.)
12	F 1970 R	( - )	Pipe, water inlet, water pump to diesel cylinder block
13	19H 1949	( -7034099 )	Screw, cap, high-strength, 5/16" x 2-1/2" (3 used)
	19H 1949	(7034100- )	Screw, cap, high-strength, 5/16" x 2-1/2" (2 used)
14	19H 172	(7034100- )	Screw, cap, 5/16" x 3-3/4"
15A	F 1968 R	( -7034099 )	Cover, water pump
15B	F 2389 R	(7034100- )	Cover, water pump
16	F 1969 R	( - )	Gasket (packed 2 in a pkg.)
17	F 1853 R	( - )	Gear, bevel, water pump
18	F 1965 R	( - )	Shim, paper (packed 5 in a pkg.)
19	F 3504 R	( - )	Housing, water pump (sub. for F1960R)
20	B 2762 R	( - )	O-ring (2 used) (packed 2 in a pkg.)
21	F 1967 R	( - )	Tube, water pump to cylinder
22	AF 2460 R	( - )	Seal, oil (sub. for AF2056R)
23	F 1962 R	( - )	Shaft, water pump
24	AF 2057 R	( - )	Seal, water pump
25	F 1964 R	( - )	Impeller, water pump

# CRANKING ENGINE GOVERNOR AND CONTROLS

(Serial No. 7017500- )



39970

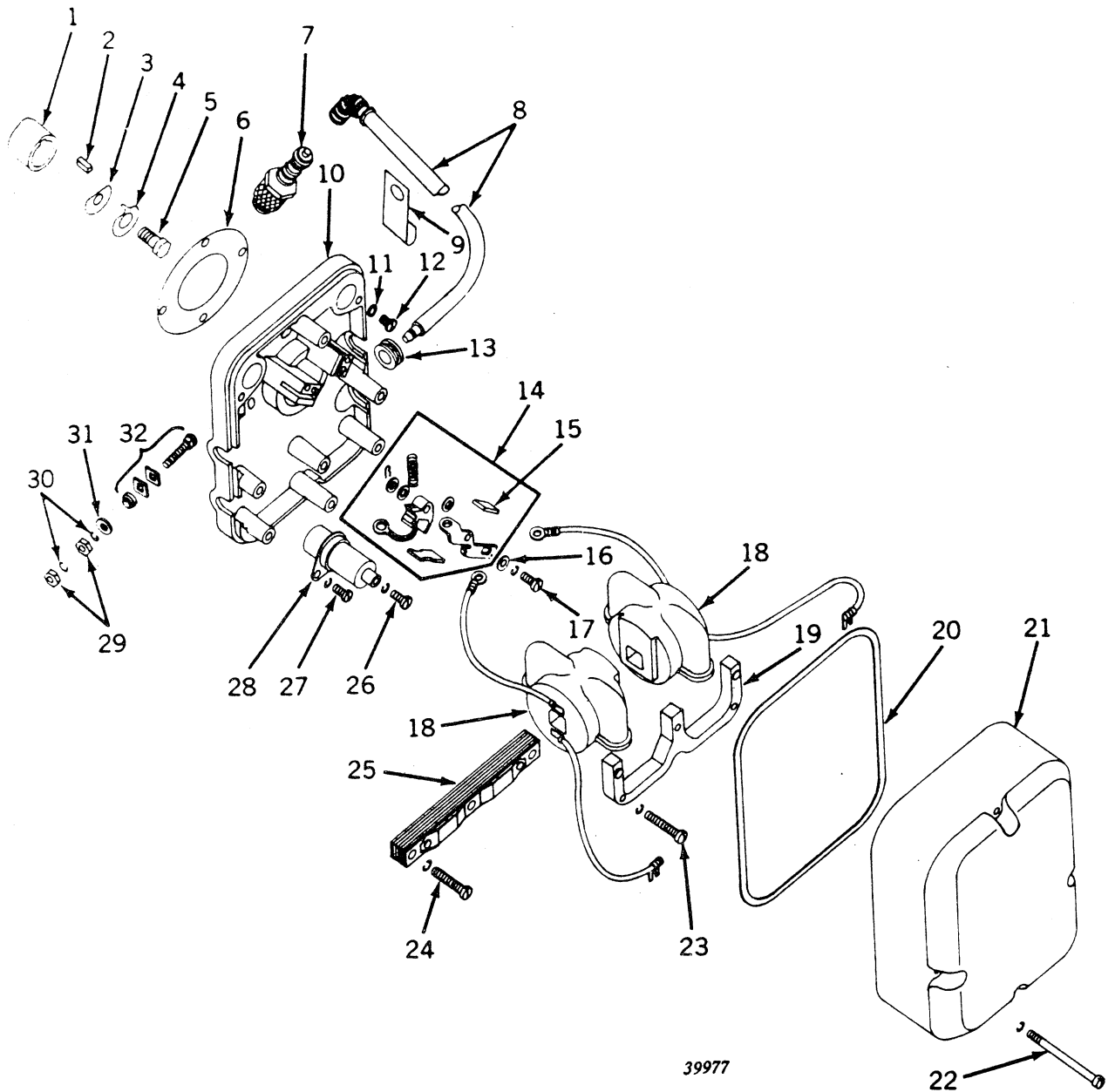
CRANKING ENGINE GOVERNOR AND CONTROLS -- Continued  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	11H 3	( - )	Pin, cotter, 1/16" x 1/2" (2 used)
2	F 2123 R	( - )	Rod, choke
3	12H 302	( - )	Washer, lock, 1/4" (2 used)
4	24H 1287	( - )	Washer, 9/32" x 5/8" x .060" (2 used)
5	19H 1919	( - )	Screw, cap, high-strength, 1/4" x 5/8" (2 used) (sub. for A4192R and AA4960R)
6	F 3553 R	( - )	Spring, governor (sub. for F2120R)
7	F 2121 R	( - )	Bracket, governor spring
8	24H 91	( - )	Washer, 13/64" x 1/2" x 18 gauge
9	F 1789 R	( - )	Arm, governor
10	A 4365 R	( - )	O-ring (packed 2 in a pkg.)
11	24H 1301	( - )	Washer, 13/32" x 9/16" x .060" (2 used)
12	21H 1161	( - )	Screw, mach., UNF, no. 10 x 1/2"
13	12H 295	( - )	Washer, lock, internal tooth, no. 10 (sub. for A3010R)
14	F 1790 R	( - )	Lever, governor
15	14H 778	( - )	Nut (2 used)
16	F 2119 R	( - )	Swivel, throttle rod
17	11H 231	( - )	Pin, cotter, 1/16" x 1/2" (2 used)
18	24H 1283	( - )	Washer, 7/32" x 1/2" x .048"
19	F 2118 R	( - )	Rod, throttle
20	A 4138 R	( - )	Swivel, choke lever
21	11H 234	( - )	Pin, cotter, 3/32" x 1/2"
22	24H 1292	( - )	Washer, 11/32" x 3/4" x .120"
23	14H 785	( - )	Nut, 5/16"
24	19H 2313	( - )	Screw, cap, high-strength, 5/16" x 1-3/4" (sub. for F2271R)
25	D 1856 R	( - )	Spacer
26	F 2124 R	( - )	Lever, choke
27	F 2125 R	( - )	Spring, throttle and choke lever
28	F 2126 R	( - )	Plate, throttle and choke
29	19H 1919	( - )	Screw, cap, high-strength, 1/4" x 5/8" (2 used) (sub. for A4192R and AA4960R)
30	F 2122 R	( - )	Lever, throttle
31	D 1856 R	( - )	Spacer
32	24H 1292	( - )	Washer, 11/32" x 3/4" x .120"
33	11H 234	( - )	Pin, cotter, 3/32" x 1/2"
34	A 4138 R	( - )	Swivel, throttle lever
35	14H 785	( - )	Nut, 5/16"
36	19H 2313	( - )	Screw, cap, high-strength, 5/16" x 1-3/4" (sub. for F2271R)
37	F 1935 R	( - )	Gear, camshaft (sub. for F2271R)
38	D 2361 R	( - )	Ball, governor (4 used)
39	F 1783 R	( - )	Retainer, governor ball
40	A 602 R	( - )	Ring, snap (packed 2 in a pkg.)
41	AF 1987 R	( - )	Race, governor ball, with plunger



# CRANKING ENGINE DISTRIBUTOR

(Distributor Serial No. 001000- )



**CRANKING ENGINE DISTRIBUTOR -- Continued**  
(Distributor Serial No. 001000- )

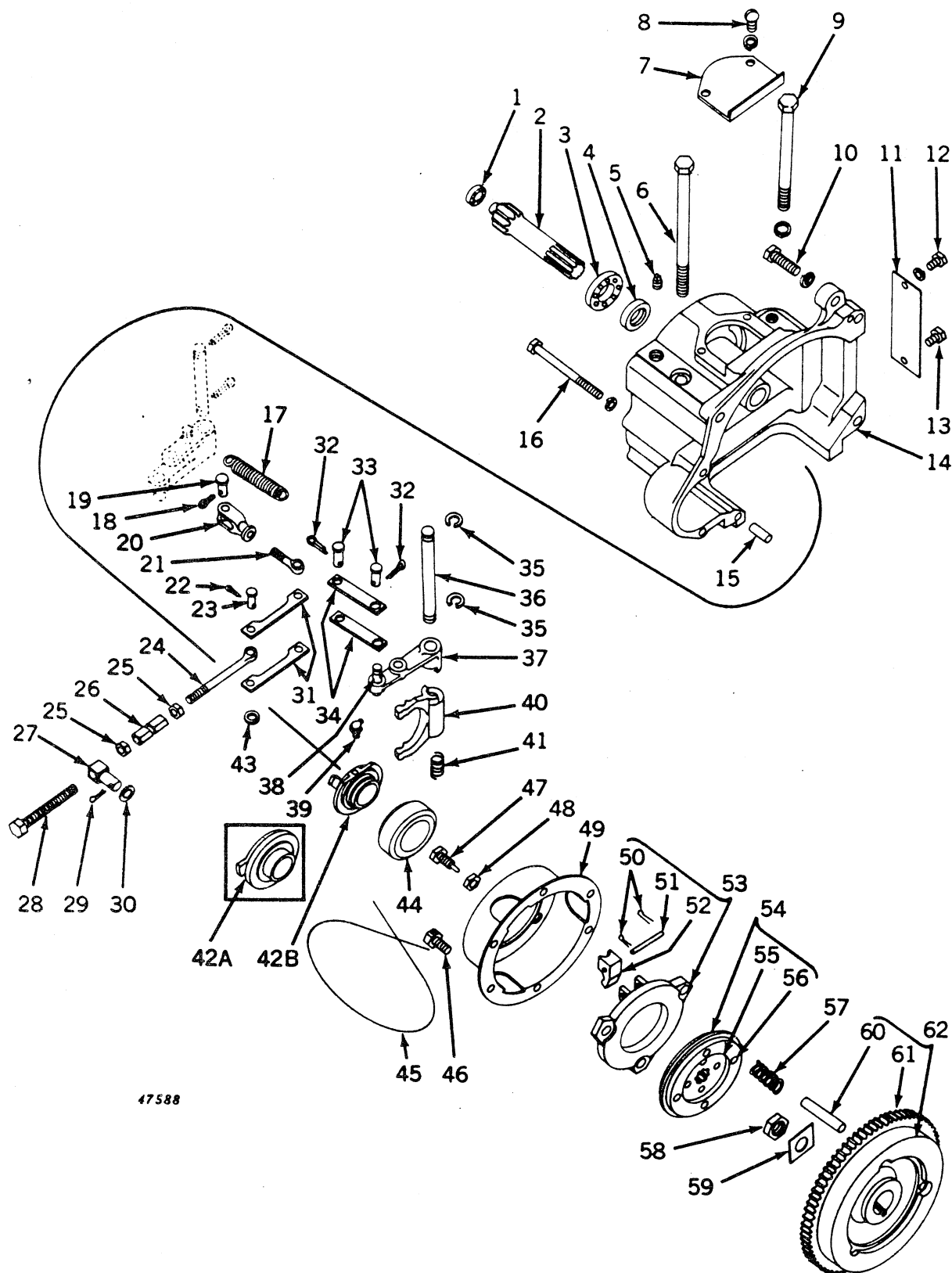
Key	Part No.	Serial No.	Description
1	9261 B	( - )	Cam, breaker (sub. for 9261)
2	F 2080 R	( - )	Key (packed 2 in a pkg.)
3	F 2081 R	( - )	Washer, special (packed 2 in a pkg.)
4	F 2082 R	( - )	Plate, lock (packed 2 in a pkg.)
5	F 2199 R	( - )	Screw, special cap (packed 5 in a pkg.)
6	F 2083 R	( - )	Gasket (packed 2 in a pkg.)
7	AP 19170 HR	( - )	Plug, spark (Champion J-8-64F) (4 used)
	AF 2180 R	( - )	Plug, spark (AC45M) (4 used)
8	X 9274	( -7031299)	Cable, spark plug, upper (2 used) (sub. AR12004R)
	X 9652	(7031300- )	Cable, spark plug, upper (2 used) (sub. AR12004R)
	X 9275	( -7031299)	Cable, spark plug, lower (2 used) (sub. AR12005R)
	X 9653	(7031300- )	Cable, spark plug, lower (2 used) (sub. AR12005R)
9	B 1986 R	( - )	Clip, cable (2 used)
10	9268	( - )	Plate, back
11	24H 1283	( - )	Washer, 7/32" x 1/2" x .048", distributor to timing gear cover screw (4 used)
12	21H 981	( - )	Screw, mach., no. 10 x 1/2", distributor to timing gear cover (4 used)
13	2179	( - )	Grommet, spark plug cable (4 used)
14	X 9021	( - )	Point, breaker, set (2 used)
15	5446*	( - )	Felt, cam wiper (2 used)
16	2965	( - )	Washer, brass (2 used) (packed 2 in a pkg.)
17	21H 1076	( - )	Screw, mach., no. 6 x 5/16" (2 used)
	12H 314	( - )	Washer, lock, no. 6 (2 used) (sub. for A765R)
18	X 9295	( - )	Coil (2 used)
19	.....	( - )	Not furnished
20	9262	( - )	Gasket (packed 2 in a pkg.)
21	X 9299	( - )	Cover, distributor
22	21H 986	( - )	Screw, mach., UNF, no 10 x 1-1/4" (2 used)
	12H 246	( - )	Washer, lock, no. 10 (2 used)
23	21H 994	( - )	Screw, mach., no. 8 x 7/8" (2 used)
	12H 315	( - )	Washer, lock, no. 8 (2 used)
24	21H 994	( - )	Screw, mach., no. 8 x 7/8" (2 used)
	12H 315	( - )	Washer, lock, no. 8 (2 used)
25	X 9257	( - )	Coil, core
26	21H 1076	( - )	Screw, mach., no. 6 x 5/16" (2 used)
	12H 314	( - )	Washer, lock, no. 6 (2 used) (sub. for A765R)
27	21H 1076	( - )	Screw, mach., no. 6 x 5/16" (2 used)
	12H 314	( - )	Washer, lock, no. 6 (2 used) (sub. for A765R)
28	X 9263	( - )	Condenser (2 used)
29	14H 605	( - )	Nut, no. 8 (2 used)
30	12H 315	( - )	Washer, lock, no. 8 (2 used)
31	M-33X*	( - )	Washer
32	AF 2177 R	( - )	Stud, connector, with insulators

Parts listed below are assemblies of most of the parts in this grouping.

AF 2119 R	( -7031299)	Distributor (Wico) (6-volt) (sub. AR1370R)
AR 1370 R	(7031300- )	Distributor (Wico) (6-volt)

\*Furnished by John Deere Dubuque Works.

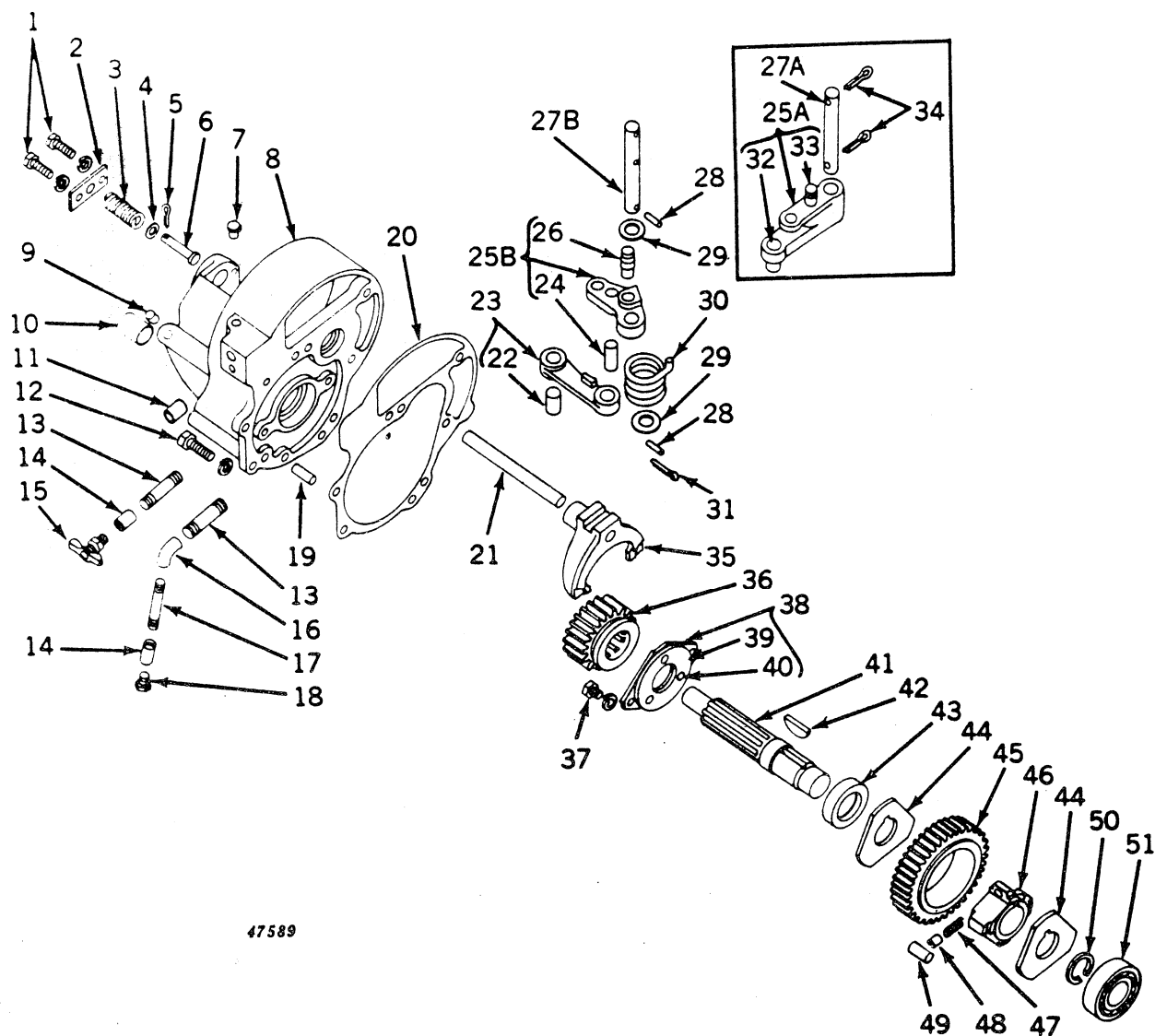
CRANKING ENGINE CLUTCH  
(Serial No. 7017500- )



**47588**

**CRANKING ENGINE CLUTCH -- Continued**  
(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	JD 8511	( - )	Bearing, outer
2	F 1986 R	( - )	Shaft, clutch and gear
3	JD 8533	( - )	Bearing, inner
4	AF 2167 R	( - )	Seal, oil
5	15H 255	( - )	Plug, pipe, 3/8"
6	8H 3751	( - )	Bolt, mach., 1/2" x 9"
7	F 2011 R	( - )	Cover, clutch adjusting
8	21H 1144	( - )	Screw, mach., 1/4" x 1/2" (2 used)
	12H 302	( - )	Washer, lock, 1/4" (2 used)
9	8H 4160	( - )	Bolt, hex., hd., 1/2" x 7-1/4"
	12H 301	( - )	Washer, lock, 1/2"
10	19H 1978	( - )	Screw, cap, high-strength, 7/16" x 1-1/2" (3 used)
	12H 293	( - )	Washer, lock, 7/16" (3 used)
11	F 2010 R	( - )	Cover
12	19H 1227	( - )	Screw, cap, high-strength, 1/4" x 1/2"
	12H 302	( - )	Washer, lock, 1/4"
13	19H 1227	( - )	Screw, cap, high-strength, 1/4" x 1/2"
14	F 1984 R	(-7031299)	Housing, clutch (sub. F2341R and 15H253)
	F 2341 R	(7031300-)	Housing, clutch
15	A 4879 R	( - )	Pin, dowel (2 used) (packed 2 in a pkg.)
16	19H 1925	( - )	Screw, cap, high-strength, 3/8" x 4-1/4" (2 used)
	12H 304	( - )	Washer, lock, 3/8" (2 used)
17	C 1224 R	( - )	Spring
18	11H 236	( - )	Pin, cotter, 1/8" x 1"
19	C 1067 R	( - )	Pin
20	C 284 R	( - )	Yoke, transmission operating link
21	F 1996 R	( - )	Link, transmission operating (not furnished)
22	11H 234	( - )	Pin, cotter, 3/32" x 1"
23	A 3126 R	( - )	Pin
24	F 2163 R	( - )	Link, clutch and transmission operating
25	14H 732	( - )	Nut, jam, 3/8" (2 used)
26	F 2164 R	( - )	Coupling, clutch and transmission operating link
27	F 1994 R	( - )	Swivel clutch operating rod
28	19H 2347	( - )	Screw, cap, high-strength, 3/8" x 3-1/2"
29	11H 211	( - )	Pin, cotter, 1/8" x 3/4"
30	24H 1325	( - )	Washer, 15/32" x 59/64" x .060"
31	F 1993 R	( - )	Link, clutch operating (2 used)
32	11H 234	( - )	Pin, cotter, 3/32" x 1" (2 used)
33	A 3114 R	( - )	Pin, clutch fork arm link (2 used)
34	F 1992 R	( - )	Link, clutch fork arm (2 used)
35	F 2208 R	( - )	Ring, retaining (2 used) (packed 2 in a pkg.)
36	F 1989 R	( - )	Shaft, clutch fork
37	AF 2071 R	( - )	Arm, clutch fork, with pin
38	F 2006 R	( - )	Pin, clutch fork arm
39	JD 7788	(7031300-)	Fitting, grease
40	F 1988 R	( - )	Fork, clutch
41	A 4979 R	( - )	Spring
42A	F 1987 R	(-7031299)	Collar, clutch release bearing (sub. F2387R)
42B	F 2387 R	(7031300-)	Collar, clutch release bearing
43	24H 1292	( - )	Washer, 11/32" x 3/4" x .120"
44	AR 555 R	(-7031299)	Bearing, clutch release (sub. AF2408R)
	AF 2408 R	(7031300-)	Bearing, clutch release
45	.....	( - )	Wire, 16 gauge x 30" long
46	D 916 R	( - )	Screw, cap, 3/8" x 3/4" (drilled) (6 used) (packed 2 in a pkg.)
47	R 675 R	( - )	Screw, clutch adjusting (3 used)
48	14H 732	( - )	Nut, jam, 3/8" (3 used)
49	AR 548 R	( - )	Cover, clutch, with nuts
50	11H 234	( - )	Pin, cotter, 3/32" x 1" (6 used)
51	R 672 R	( - )	Pin, clutch toggle (3 used)
52	R 671 R	( - )	Toggle, clutch (3 used)
53	AR 905 R	( - )	Disk, clutch adjusting, with toggles
54	AR 20327 R	( - )	Disk, clutch, with facings (sub. for AR546R)
55	R 669 R	( - )	Facing, clutch (2 used) (packed 2 in a pkg.)
56	D 1761 R	( - )	Rivet (4 used) (packed 100 in a pkg.) (sub. for AD1774R)
57	R 673 R	( - )	Spring (3 used) (packed 2 in a pkg.)
58	14H 793	( - )	Nut, jam, 3/4"
59	F 1836 R	( - )	Plate, lock
60	R 619 R	( - )	Pin, clutch drive (3 used)
61	F 2265 R	( - )	Gear, starter ring (sub. for AR879R)
62	AF 2012 R	( - )	Flywheel, F1835R, with starter gear and pins

CRANKING ENGINE TRANSMISSION  
(Serial No. 7017500- )

# CRANKING ENGINE TRANSMISSION -- Continued

(Serial No. 7017500- )

Key	Part No.	Serial No.	Description
1	19H 1919	( -7024920 )	Screw, cap, high-strength, 1/4" x 3/4" (2 used)
	19H 1227	( 7024921- )	Screw, cap, high-strength, 1/4" x 1/2" (2 used)
	12H 302	( - )	Washer, lock, 1/4" (2 used)
2	F 2008 R	( 7024921- )	Plate, transmission shifter lever stop
	F 2229 R	( -7024920 )	Plate, transmission shifter lever stop (sub. one F2235R, one F2008R, one A3376R, and one 24H1303)
3	K 2172 R	( -7024920 )	Spring, transmission shifter lever stop
	F 2235 R	( 7024921- )	Spring, transmission shifter lever stop
4	24H 1303	( 7024921- )	Washer, 13/32" x 11/16" x .060"
5	11H 236	( - )	Pin, cotter, 1/8" x 1"
6	A 3376 R	( 7024921-7031299 )	Pin, transmission shifter lever stop
	F 2353 R	( 7031300- )	Pin, special headed, transmission shifter lever stop
	F 2230 R	( -7024920 )	Pin, transmission shifter lever stop (sub. one F2235R, one F2008R, one A3376R, and one 24H1322)
7	E 2302 RT	( - )	Cup, oiler
8	AF 2833 R	( - )	Housing, F1985R and F2342R, transmission, with bushing and oiler (on 7031300 and up, also furnish 15H253 pipe plug) (sub. for AF2072R)
9	F 1840 R	( - )	Pin, dowel
10	R 796 R	( - )	Bushing
11	F 2165 R	( - )	Bushing
12	19H 1732	( - )	Screw, cap, high-strength, 3/8" x 1-1/4" (6 used) (sub. for F2273R)
	12H 304	( - )	Washer, lock, 3/8" (6 used)
13	29H 17	( - )	Nipple, pipe (2 used)
14	15H 73	( - )	Coupling, pipe (2 used)
15	AF 2236 R	( - )	Cock, oil level
16	15H 155	( - )	Elbow, pipe
17	29H 25	( - )	Nipple, pipe
18	R 10160 R	( - )	Plug, drain (sub. for S98)
19	A 4879 R	( - )	Pin, dowel (2 used) (packed 2 in a pkg.)
20	F 1997 R	( - )	Gasket (packed 2 in a pkg.)
21	F 2004 R	( - )	Shaft, transmission shifter
22	A 120 R	( 7031300- )	Pin, dowel (packed 2 in a pkg.)
23	AF 2367 R	( 7031300- )	Arm, F2354R, transmission shifter, with pin
24	A 4681 R	( 7031300- )	Pin, dowel, transmission shifter lever
25A	AF 2073 R	( -7031299 )	Lever, F2005R, transmission shifter, with pins (sub. one AF2366R, one AF2367R, one F2352R, one F2353R, one F2355R, two 34H264, and two 24H1341)
25B	AF 2366 R	( 7031300- )	Lever, transmission, shifter, with pins
26	F 2351 R	( 7031300- )	Pin, in transmission shifter lever
27A	F 2007 R	( -7031299 )	Shaft, transmission shifter lever
27B	F 2352 R	( 7031300- )	Shaft, transmission shifter
28	34H 264	( 7031300- )	Pin, spring (2 used)
29	24H 1341	( 7031300- )	Washer, 17/32" x 15/16" x .060" (2 used)
30	F 2355 R	( 7031300- )	Spring, transmission shifter arm
31	11H 211	( 7031300- )	Pin, cotter, 1/8" x 3/4"
32	A 120 R	( -7031299 )	Pin, dowel (packed 2 in a pkg.)
33	F 2006 R	( -7031299 )	Pin
34	11H 211	( -7031299 )	Pin, cotter, 1/8" x 3/4" (2 used)
35	F 2003 R	( - )	Shifter, transmission
36	F 2002 R	( - )	Pinion, transmission sliding
37	19H 1227	( - )	Screw, cap, high-strength, 1/4" x 1/2" (2 used)
	12H 302	( - )	Washer, lock, 1/4" (2 used)
38	AF 2075 R	( - )	Plate, transmission brake, with facing
39	R 805 R	( - )	Facing, brake
40	D 2593 R	( - )	Rivet (3 used) (sub. for AD1781R) (packed 50 in a pkg.)
41	F 1998 R	( - )	Shaft, transmission drive
42	26H 30	( - )	Key, Woodruff, 1/4" x 1-1/4"
43	AR 531 R	( - )	Seal, oil
44	F 2001 R	( - )	Plate, over-running clutch (2 used) (packed 2 in a pkg.)
45	F 2000 R	( - )	Gear, transmission drive
46	F 1999 R	( - )	Hub, over-running clutch
47	R 801 R	( - )	Spring (4 used)
48	R 800 R	( - )	Plunger, over-running clutch (4 used)
49	R 820 R	( - )	Roller, over-running clutch (4 used) (packed 2 in a pkg.)
50	A 378 R	( - )	Ring, snap (packed 5 in a pkg.)
51	JD 7681	( - )	Bearing

MEMORANDA

NUMERICAL INDEX  
Tractor -- Model 70 Diesel

90-1

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