

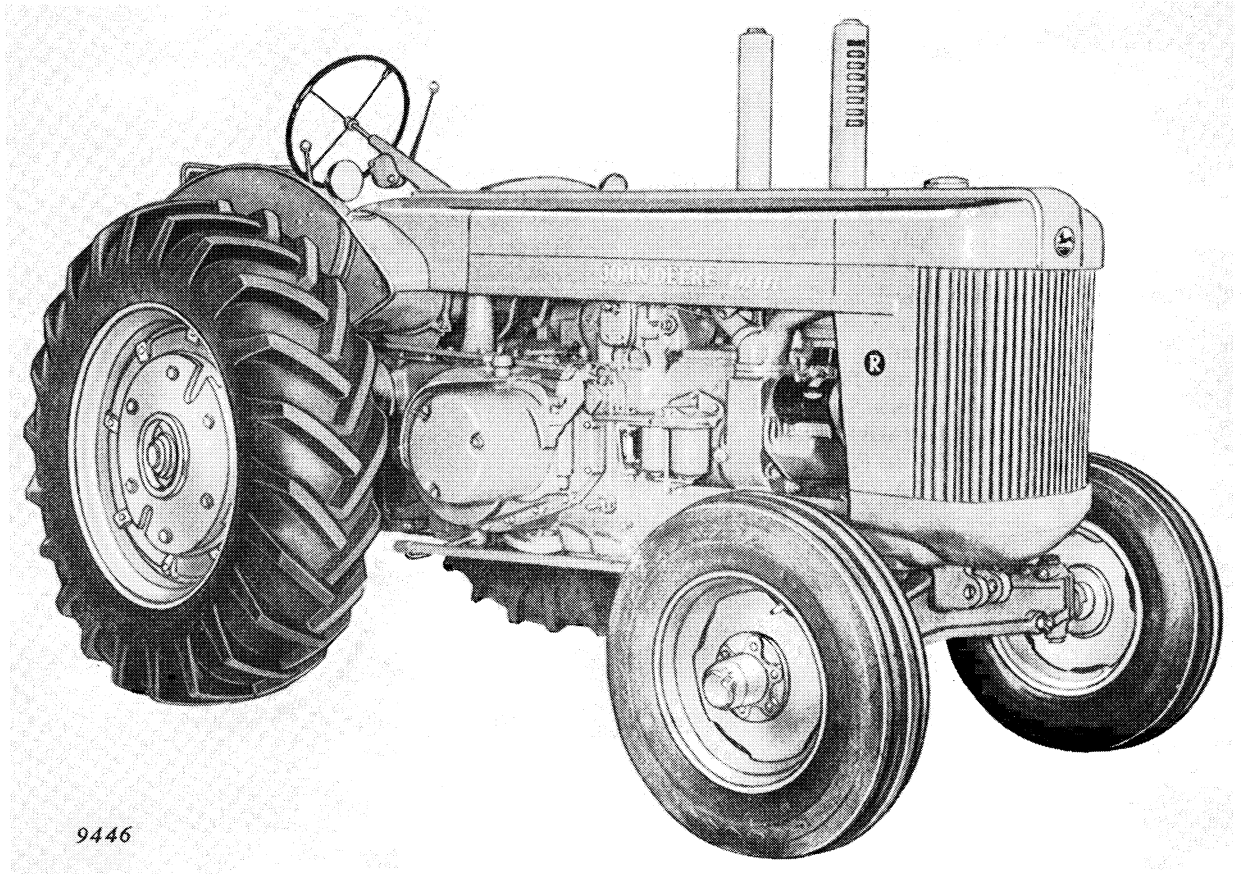


JOHN DEERE

Parts Catalog

MODEL "R" TRACTOR

PC 183



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Explanation of Serial Numbers

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

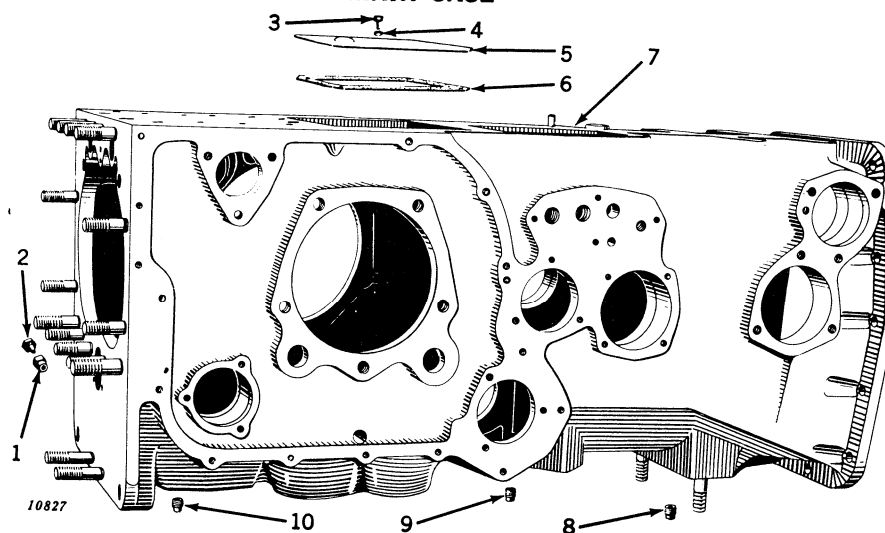
When the parentheses include only the dash.....(-)
the part is used on ALL Model "R" Tractors.

When a serial number appears BEFORE the dash.....(R0000 -)
the part was introduced BEGINNING with that serial number and is still being used.

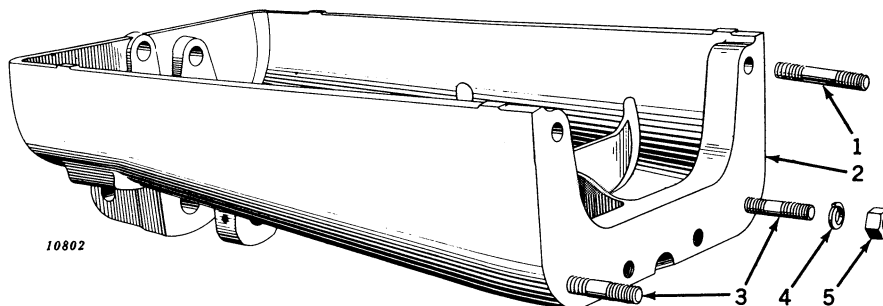
When a serial number appears AFTER the dash.....(-R0000)
the part was used up to and INCLUDING that serial number but was not used after that serial number.

When serial numbers appear both before and after the dash..(R0000 -R0000)
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 PTO, PTV, or 4RC.....(PTV000-)
it refers to the power take-off shaft, Powr-Trol, or remote cylinder, and not to the tractor.

TRACTOR—MODEL "R"**MAIN CASE**

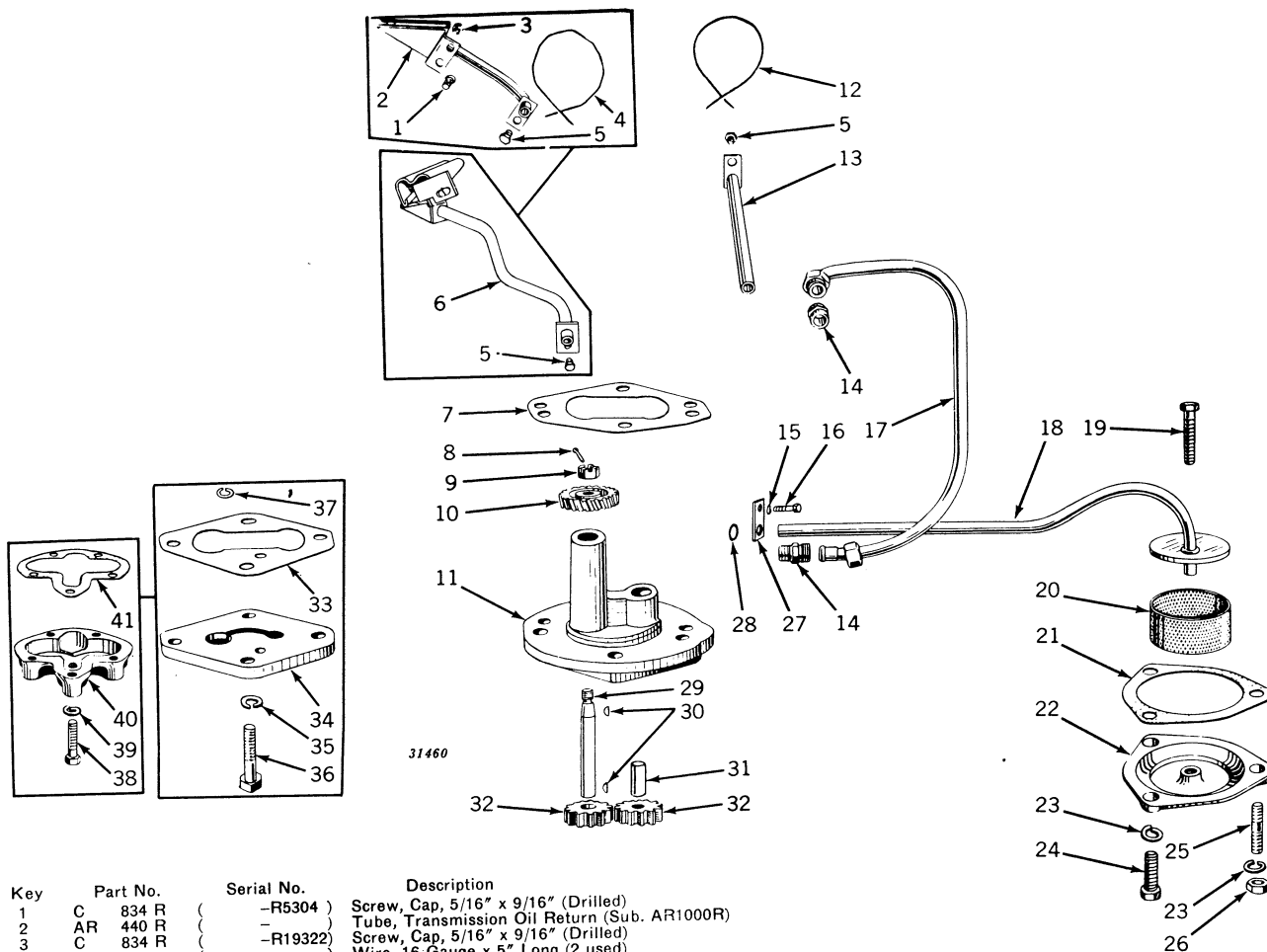
Key	Part No.	Serial No.	Description
1	D 793 R	(-)	Body, Oil Level Test Cock
2	D 794 R	(-)	Plug, Oil Level Test Cock
3	H 1085 R	(-)	Screw, Machine (12 used) (Sub. for R404R)
4	12H 10 R	(-)	Washer, Lock, 5/16" (12 used)
5	R 408 R	(-)	Cover, Crankcase
6	R 409 R	(-)	Gasket (Packed 2 in a Pkn.)
7	AR 441 R	(-)	Case, H360R, Main, with Studs (On R1000-R5040 also order One 15H253R, Five 19H363R, One AR817R, R128R, AR908R, R1055R, R1056R, R1057R, and R1058R) (On R1000-R5539, in addition, order One AR419R) (On R1000-R15853, in addition, order One R1198R and Two 19H448R)
8	15H 253 R	(-)	Plug, Pipe, Transmission Oil Level
9	15H 255 R	(-)	Plug, Pipe, Transmission Oil Drain
10	15H 238 R	(-)	Plug, Pipe, Crankcase Oil Drain

FRONT END SUPPORT

Key	Part No.	Serial No.	Description
1	F 2236 R	(-)	Stud, 3/4" x 4-1/2" (2 used) (Sub. for C783R)
2	R 1530 R	(-)	Support, Front End, R36R, with Studs (Sub. for AR334R)
3	D 2266 R	(-)	Stud, 3/4" x 3-3/4" (4 used)
4	12H 17 R	(-)	Washer, Lock, 3/4"
5	14H 785 R	(-)	Nut, 3/4" (6 used) (Sub. for 14H653R)



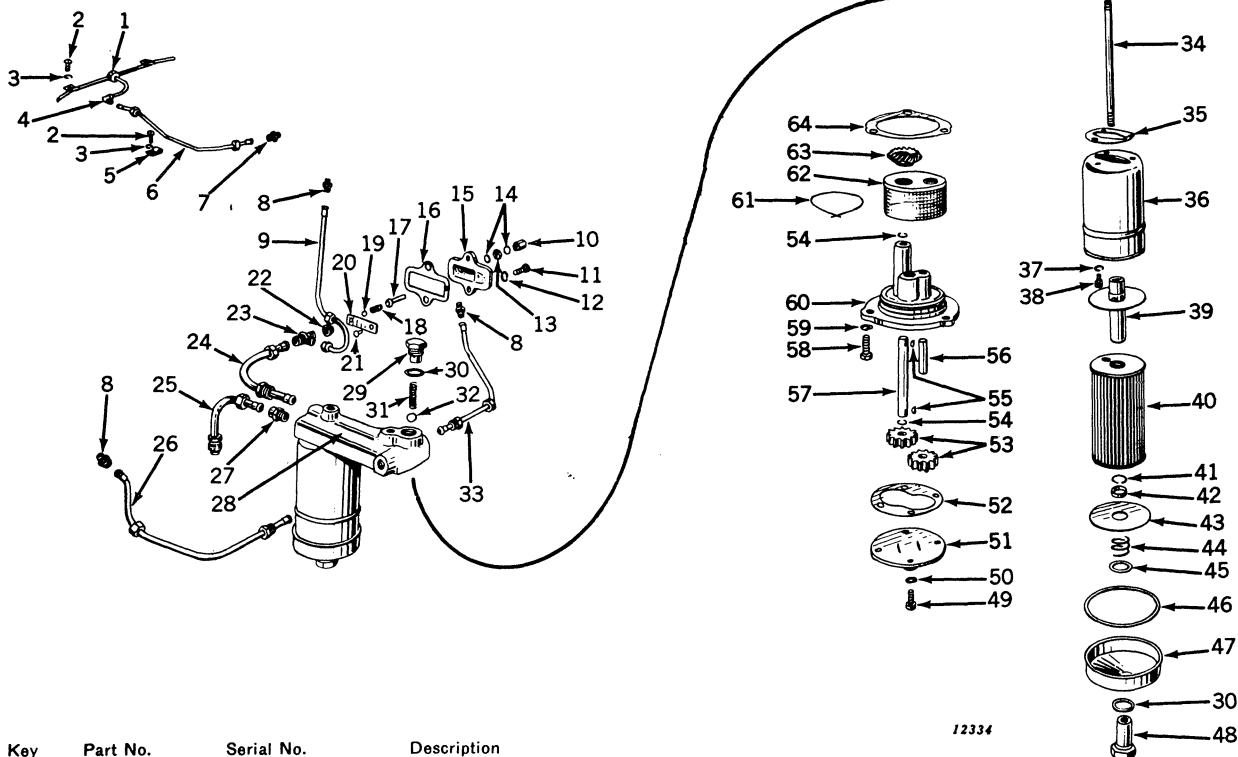
TRANSMISSION OIL PUMP



Key	Part No.	Serial No.	Description
1	C 834 R	(-R5304)	Screw, Cap, 5/16" x 9/16" (Drilled)
2	AR 440 R	(-R19322)	Tube, Transmission Oil Return (Sub. AR1000R)
3	C 834 R	(-R19322)	Screw, Cap, 5/16" x 9/16" (Drilled)
4	.....	.....	Wire, 16 Gauge x 5" Long (2 used)
5	C 834 R	(-R19323)	Screw, Cap, 5/16" x 9/16" (Drilled) (2 used)
6	AR 1000 R	(R19323)	Tube, Transmission Oil Return
7	R 1058 R	(R5041)	Gasket, Transmission Oil Pump (Packed 5 in a Pkg.)
8	11H 41 R	.....	Pin, Cotter, 1/8" x 1"
9	14H 524 R	.....	Nut, 1/2" (Sub. for D1930R)
10	R 190 R	.....	Gear, Transmission Oil Pump Drive (Sub. for AR882R)
11	AR 908 R	(R5041)	Body, Transmission Oil Pump (Sub. R1054R)
12	.....	.....	Wire, 16 Gauge x 5" Long
13	AR 439 R	.....	Tube, Transmission Oil, with Plate
14	D 2440 R	.....	Connector (2 used)
15	12H 291 R	.....	Washer, Lock (Packed 25 in a Pkg.) (Sub. for A3546R)
16	19H 99 R	.....	Screw, Cap, 5/16" x 9/16"
17	(AR 438 R	(-R5040)	Pipe, Transmission Oil Pump Discharge
18	AR 817 R	(R5041)	Pipe, Transmission Oil Pump Discharge
19	R 393 R	.....	Pipe, Transmission Oil Pump Intake
20	R 390 R	.....	Screw, Cap, 5/16" x 2-1/4" (Drilled)
21	R 396 R	.....	Screen, Transmission Oil Pump
22	R 389 R	.....	Gasket (Packed 5 in a Pkg.)
23	12H 11 R	.....	Cover, Transmission Oil Pump
24	F 2273 R	.....	Washer, Lock, 3/8" (3 used)
25	C 2175 R	.....	Screw, Cap, 3/8" x 1-1/4" (2 used) (Sub. for 19H221R and 19H1099R)
26	14H 255 R	.....	Stud, 3/8" x 1-13/16"
27	R 395 R	.....	Nut, 3/8"
28	R 394 R	.....	Plate, "O" Ring Packing Retaining
29	(R 399 R	(-R5040)	Packing, "O" Ring
30	(R 1055 R	(R5041)	Shaft, Transmission Oil Pump Drive
31	26H 70 R	.....	Key, Woodruff (2 used)
32	AR 400 R	.....	Shaft, Transmission Oil Pump Idler Gear
33	AR 881 R	.....	Gear, Transmission Oil Pump (2 used) (Sub. for R398R)
34	H 1057 R	(R5041)	Gasket, Transmission Oil Pump Cover (Packed 5 in a Pkg.)
35	R 1056 R	(R5041)	Cover, Transmission Oil Pump (Also furnish One 15H253R)
36	12H 12 R	(R5041)	Washer, Lock, 7/16" (5 used)
37	19H 1092 M	(R5041)	Screw, Cap, 7/16" x 2-1/4" (5 used) (Sub. for 19H363R)
38	B 387 R	.....	Snap Ring (Packed 5 in a Pkg.)
39	19H 1116 N	(-R5040)	Screw, Cap, 3/8" x 1-1/2" (5 used) (Sub. for 19H230H)
40	12H 11 R	(-R5040)	Washer, Lock, 3/8" (5 used)
41	AR 907 R	(-R5040)	Body, Transmission Oil Pump (Sub. R397R)
	R 401 R	(-R5040)	Gasket (Packed 5 in a Pkg.)

TRACTOR—MODEL "R"

ENGINE OILING SYSTEM



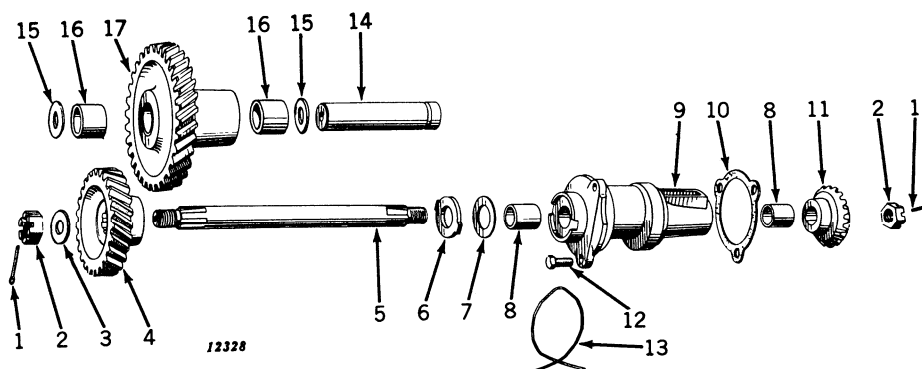
Key	Part No.	Serial No.	Description
1	AR 453 R	-	Oiler, Tappet Lever, with Clip
2	21H 597 R	-	Screw, Machine (3 used)
3	12H 9 R	-	Washer, Lock, 1/4" (3 used)
4	R 425 R	-	Elbow, Tappet Lever Oiler, with Clip
5	A 2421 R	-	Clip
6	AR 454 R	-	Pipe, Oil, Cylinder to Tappet Lever Oiler
7	E 1994 R	-	Connector
8	A 258 R	-	Connector (3 used)
9	AR 451 R	-	Pipe, Oil, Camshaft
10	B 427 R	-	Nut, Cap (Sub. for AB4249R)
11	19H 337 N	-	Screw, Cap, 7/16" x 1-1/4" (2 used) (Sub. for 19H332R)
12	12H 12 R	-	Washer, Lock, 7/16" (2 used)
13	14H 732 R	-	Nut, Hex. Jam, 3/8"
14	A 3098 R	-	Washer (2 used)
15	AR 452 R	-	Housing, B2305R, Oil Pressure Relief Valve, with Spring and Adjusting Screw
16	B 2308 R	-	Gasket
17	B 2307 R	-	Screw, Oil Pressure Adjusting
18	R 741 R	-	Spring, Oil Pressure Relief Coil
19	D 2425 R	-	Pilot, Oil Pressure Relief Coil Spring
20	AB 3453 R	-	Spring, Leaf, Oil Pressure Relief Valve, with Pilot
21	16H 663 A	-	Rivet
22	F 3468 R	-	Bushing, Oil Pressure Regulating (Sub. for B2568R)
23	R 420 R	-	Tee
24	AR 448 R	-	Pipe, Oil Filter Relief
25	AR 447 R	-	Pipe, Oil Pump Discharge
26	AR 450 R	-	Pipe, Oil, L.H. Main Bearing
27	D 2440 R	-	Connector
28	AR 902 R	-	Head, Oil Filter (Sub. R417R)
29	D 2428 R	-	Cap, Oil Filter By-Pass Valve (Sub. R21635R Cap and B439R Spring)
30	A 521 R	-	Gasket (3 used)
31	F 3463 R	-	Spring, Oil Filter By-Pass Valve (Sub. for D2001R)
32	A 174 R	-	Ball, Oil Filter By-Pass Valve
33	AR 449 R	-	Pipe, Oil, R.H. Main Bearing
34	B 1745 R	-	Stud, Oil Filter Head, 1/2" x 8-7/8" (2 used)
35	R 20249 R	-	Gasket (2 used) (Sub. for A1149R)
36	R 20248 R	-	Body, Oil Filter (2 used) (Sub. for A1152R)
37	12H 10 R	-	Washer, Lock, 5/16" (6 used)
38	19H 99 R	-	Screw, Cap, 5/16" x 9/16" (6 used)
39	AA 2096 R	-	Outlet, Oil Filter (2 used)
40	AA 3680 R	-	Element, Oil Filter (2 used) (Carton of 4)
41	A 2444 R	-	Snap Ring (2 used)
42	A 2530 R	-	Spacer (2 used)
43	AA 2095 R	-	Plate (2 used)
44	A 2441 R	-	Spring (2 used)
45	24H 234 R	-	Washer (2 used)
46	A 519 R	-	Gasket (2 used)
47	A 522 R	-	Bottom (2 used)
48	AF 2889 R	-	Nut (2 used) (Sub. for A2575R)
49	19H 218 D	-	Screw, Cap, 3/8" x 1" (4 used) (Sub. for 19H211R)
50	12H 11 R	-	Washer, Lock, 3/8" (4 used)
51	B 247 R	-	Cover, Oil Pump
52	B 246 R	-	Gasket, Oil Pump Cover
53	AR 881 R	-	Gear, Oil Pump (2 used) (Sub. for R398R)
54	B 387 R	-	Snap Ring (2 used)
55	26H 70 R	-	Key, Woodruff (2 used)



ENGINE OILING SYSTEM—Continued

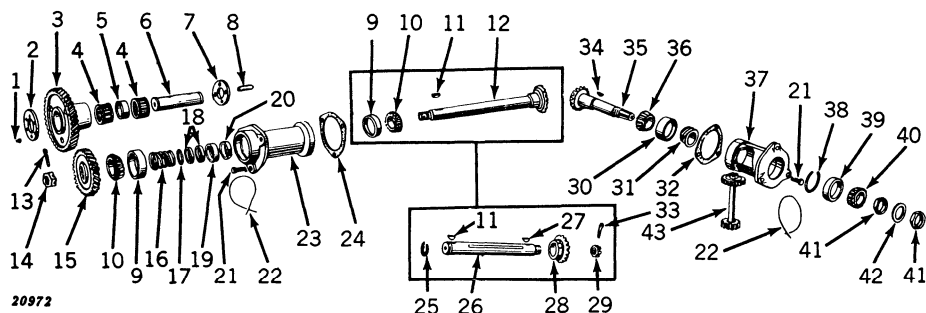
Key	Part No.	Serial No.	Description
56	R 400 R	(—)	Shaft, Oil Pump Idler Gear
57	R 413 R	(—)	Shaft, Oil Pump Drive
58	(19H 455 R	(— R12850)	Screw, Cap, 1/2" x 1-3/8" (3 used) (Sub. 19H456R)
	(294 R	(R12851 —)	Stud, 1/2" x 1-11/16" (3 used)
	(14H 259 R	(R12851 —)	Nut, 1/2" on Stud (3 used)
59	12H 13 R	(—)	Washer, Lock, 1/2" (3 used)
60	AR 906 R	(—)	Body, Oil Pump (Sub. R410R)
61	.....	( — )	Wire, 16 Gauge x 15"
62	AR 445 R	(—)	Screen, Oil Pump
63	AR 898 R	(—)	Gear, Bevel, Oil Pump Drive (Sub. R220R)
64	(B 251 R	(—)	Gasket (2 used)
	(R 415 R	(—)	Shim, Paper (.005") (2 used)

FAN AND ENGINE OIL PUMP DRIVE



Key	Part No.	Serial No.	Description
1	11H 41 R	(—)	Pin, Cotter, 1/8" x 1" (2 used)
2	C 1387 R	(—)	Nut (2 used)
3	B 2274 R	(—)	Washer
4	AR 883 R	(—)	Gear, Fan and Oil Pump Drive (Sub. R196R)
5	AR 413 R	(—)	Shaft, Fan and Oil Pump Drive, with Nuts
6	R 197 R	(—)	Washer, Thrust
7	R 198 R	(—)	Washer, Shim, .0025" (4 used)
8	F 3162 R	(—)	Bushing (2 used) (Sub. for R195R)
9	AR 386 R	(—)	Quill, R194R, Fan and Oil Pump Drive Shaft, with Bushings (Sub. AR1828R)
10	(R 202 R	(—)	Quill and R2715R Gear
	(R 204 R	(—)	Shim, Paper, .005" (3 used)
	(R 204 R	(—)	Shim, Steel, .018"
11	AR 884 R	(—)	Gear, Fan and Oil Pump Drive Bevel (Sub. R201R)
12	D 459 R	(—)	Screw, Cap, 3/8" x 1" (Drilled) (3 used)
13	.....	( — )	Wire, 16 Gauge x 12"
14	R 366 R	(—)	Shaft, Fan and Oil Pump Drive Idler Gear
15	R 781 R	(—)	Washer, Thrust (2 used)
16	AR 1479 R	(—)	Bushing (2 used) (Pkg. of 2) (Sub. for R192R)
17	AR 384 R	(—)	Gear, Fan and Oil Pump Drive Idler, with Bushings

POWER SHAFT AND TRANSMISSION OIL PUMP DRIVE

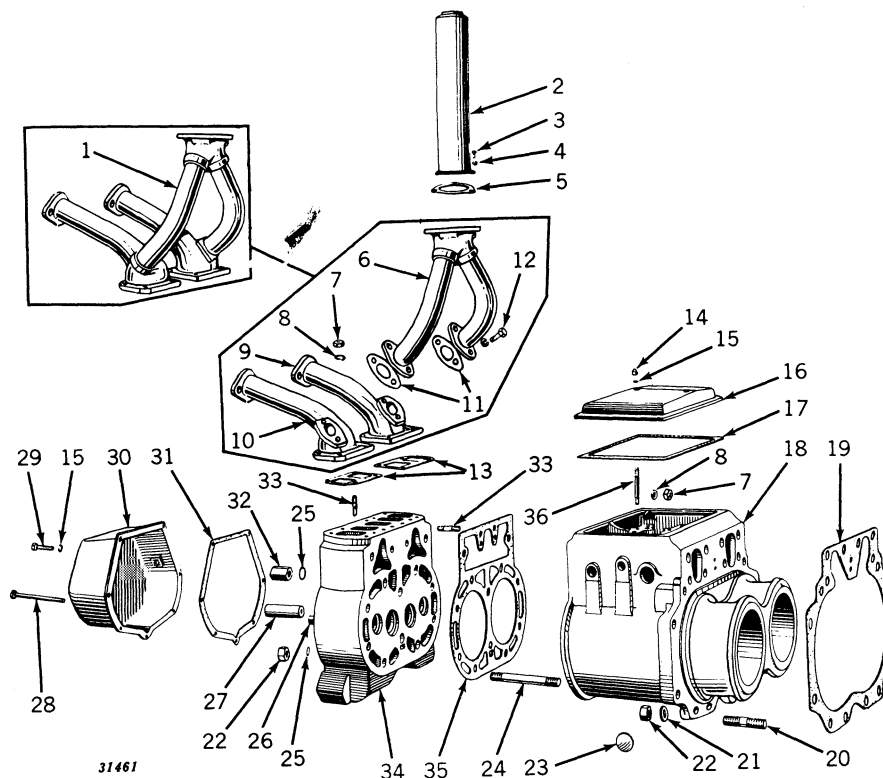


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Key	Part No.	Serial No.	Description
1	A 3959 R	(-)	Pin, Dowel, Power Shaft Idler Gear Thrust Washer (Sub. for R373R)
2	B 2424 R	(-)	Washer, Thrust, Power Shaft Idler Gear
3	R 121 R	(-)	Gear, Power Shaft Idler
4	JD 7910 R	(-)	Bearing, Roller, Power Shaft Idler Gear (2 used)
5	R 122 R	(-)	Spacer, Power Shaft Idler Gear Bearing
6	(R 365 R	(R5539 -	Shaft, Power Shaft Idler Gear
7	A 890 R	(-)	Washer, Thrust, Power Shaft Idler Gear
8	F 1743 R	(-)	Pin, Dowel, Power Shaft Idler Gear Thrust Washer (Sub. for D186R)
9	(JD 8202 R	(R6930 -	Cup (2 used)
10	(JD 7409 R	(R6931 -	Cup (2 used)
11	(JD 8141 R	(R6930 -	Cone (2 used)
12	(JD 7372 T	(R6931 -	Cone (2 used)
13	26H 85 R	(-)	Key, Woodruff (Sub. for 26H22R)
14	AR 860 R	(R6931 -	Shaft, Power Shaft Drive, with Bevel Gear and Nut
15	11H 88 R	(R6931 -	Pin, Cotter, 3/16" x 2" (Sub. for 11H84R)
16	C 535 R	(R6931 -	Nut, Power Shaft Drive Shaft
17	AR 889 R	(-)	Gear, Power Shaft Drive (Sub. R1141R)
18	A 2435 R	(-)	Spring, Oil Seal, Power Shaft Drive Shaft
19	24H 316 R	(-)	Washer, Power Shaft Drive Shaft Oil Seal
20	A 2436 R	(-)	Packing, Oil Seal, Power Shaft Drive Shaft (2 used)
21	A 2432 R	(-)	Cup, Oil Seal, Power Shaft Drive Shaft
22	A 2480 R	(-)	Bearing, Oil Seal, Power Shaft Drive Shaft
23	A 310 R	(-)	Screw, Cap, 7/16" x 1-1/4" (Drilled) (6 used)
24	(AR 375 R	(R6930 -	Wire, 16 Gauge x 15" (2 used)
25	AR 859 R	(R6931 -	Housing, R124R, Power Shaft Drive, with Oil Seal Bearing
26	H 428 R	(-)	Housing, R1144R, Power Shaft Drive Shaft, with Oil Seal Bearing
27	R 99 R	(-)	Shim, Steel, Power Shaft Drive Shaft Housing
28	F 215 R	(-)	Shim, Power Shaft Drive Shaft Housing, .005" (2 used)
29	AR 377 R	(R6930 -	Snap Ring, Power Shaft Drive Shaft
30	26H 85 R	(R6930 -	Shaft, Power Shaft Drive, with Nut
31	AR 877 R	(R6930 -	Key, Woodruff (Sub. for 26H22R)
32	C 535 R	(R6930 -	Gear, Power Shaft Bevel Drive (Sub. R126R)
33	JD 8203 R	(-)	Nut, Power Shaft
34	AR 897 R	(-)	Cup, Power Shaft Bevel Pinion, Front
35	R 132 R	(-)	Pinion, Transmission Oil Pump Drive (Sub. R131R)
36	(R 134 R	(-)	Shim, Paper, Power Shaft Bevel Pinion Housing, .005" (2 used)
37	11H 88 R	(R6930 -	Shim, Steel, Power Shaft Bevel Pinion Housing, .018"
38	26H 14 R	(-)	Pin, Cotter, 3/16" x 2" (Sub. for 11H84R)
39	AR 957 R	(-)	Key, Woodruff
40	JD 8142 R	(-)	Pinion, R127R, Power Shaft Bevel, with Nut
41	R 128 R	(-)	Cone, Power Shaft Bevel Pinion, Front
42	B 334 R	(-)	Housing, Power Shaft Bevel Pinion
43	JD 7449 R	(-)	Snap Ring
	JD 8134 R	(-)	Cup
	R 129 R	(-)	Cone
	R 130 R	(-)	Nut, Lock (2 used)
		(-)	Washer, Locking
		(-)	See Page 5



CYLINDER BLOCK AND ASSOCIATED PARTS



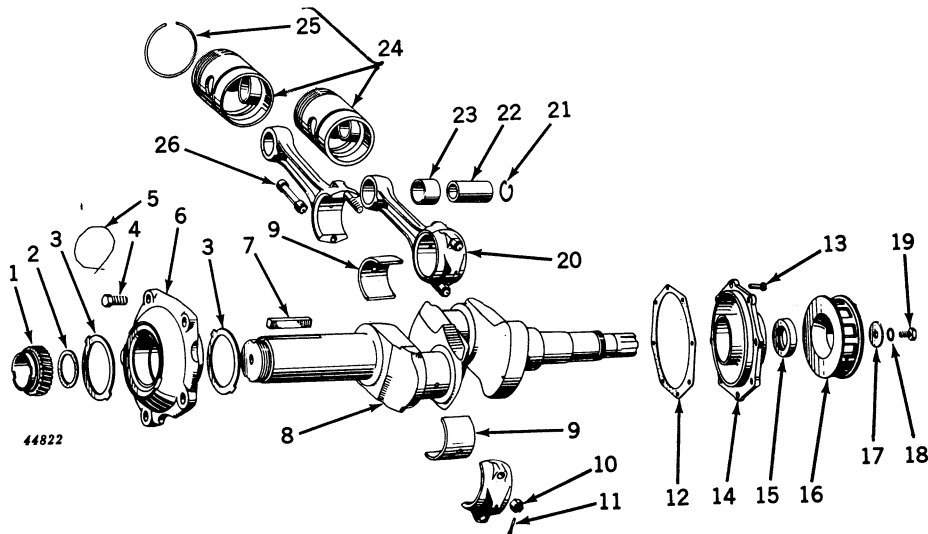
Key	Part No.	Serial No.	Description
1	AR 326 R	(-R10336)	Pipe, R17R and R18R, Upper Water and Exhaust, with Muffer Support, R19R (Sub. One R1169R, One R1170R, One R1171R, Two R1172R, and Four 19H455R)
2	AR 327 R	(-)	Muffer
3	F 2272 R	(-)	Screw, Cap, 3/8" x 3/4" (3 used) (Sub. for 19H203R)
4	12H 11 R	(-)	Washer, Lock, 3/8" (3 used)
5	R 25 R	(-)	Gasket (Packed 5 in a Pkg.)
6	R 1171 R	(R10337-)	Pipe, Exhaust and Muffer Support
7	14H 392 R	(-)	Nut, 1/2" (12 used)
8	12H 13 R	(-)	Washer, Lock, 1/2" (12 used)
9	R 1169 R	(R10337-)	Pipe, Upper Water and Exhaust Outlet, R.H.
10	R 1170 R	(R10337-)	Pipe, Upper Water and Exhaust Outlet, L.H.
11	R 1172 R	(R10337-)	Gasket, Exhaust Pipe (2 used) (Packed 5 in a Pkg.)
12	12H 13 R	(R10337-)	Washer, Lock, 1/2" (4 used)
	19H 455 R	(R10337-)	Screw, Cap, 1/2" x 1-3/8", Exhaust Pipe to Exhaust Outlet (4 used) (Sub. for 19H456R)
13	R 21 R	(-)	Gasket (2 used) (Packed 10 in a Pkg.)
14	14H 664 R	(-R2413)	Nut, Cap (2 used)
15	A 3439 R	(-)	Gasket (5 used) (Packed 10 in a Pkg.) (Sub. for B214R)
16	R 60 R	(-)	Cover, Cylinder
17	R 61 R	(-)	Gasket (Packed 5 in a Pkg.)
18	AR 346 R	(-)	Cylinder, R48R, with Studs
19	R 1261 R	(-)	Gasket (Packed 5 in a Pkg.) (Sub. for R50R)
20	R 1548 R	(-)	Stud, 3/4" x 3-1/2" (12 used) (Sub. for R52R)
21	12H 17 R	(-)	Washer, Lock, 3/4" (12 used)
22	A 5405 R	(-)	Nut, 3/4" (22 used) (Sub. 14H400T)
23	30H 19 R	(-)	Plug, Welch
24	R 1254 R	(-)	Stud, 3/4" x 7-7/16" (10 used) (Sub. for D1717R) (Packed 10 in a Pkg.)
25	R 264 R	(-)	Washer, Lead (10 used) (Packed 100 in a Pkg.) (Sub. for AD1769R and AD2866R)
26	A 2467 R	(-)	Guide, Valve (4 used) (Sub. for AA4897R, Pkg. of 4)
27	AF 3190 R	(-)	Sleeve, Injector Nozzle (2 used) (On R19438 also furnish One R1225R) (Sub. for AR354R)
	R 1225 R	(R19439-)	Packing, "O" Ring, Injector Nozzle Sleeve (2 used) (Packed 5 in a Pkg.)
	AR 1050 R	(-)	Kit, Injector Nozzle Sleeve (Consisting of Sleeves, Packing, and Screws)
28	19H 1147 R	(-)	Screw, Cap, 7/16" x 6-3/4"
29	19H 360 T	(-)	Screw, Cap, 7/16" x 2" (2 used) (Sub. for 19H353R)
30	R 371 R	(-)	Cover, Tappet Lever
31	R 150 R	(-)	Gasket (Packed 5 in a Pkg.)
32	R 59 R	(-)	Nut, Coupling, Cylinder Head Studs (2 used)
33	D 488 R	(-)	Stud, 1/2" x 2" (12 used)
34	AR 349 R	(-)	Head, R49R, Cylinder, with Valve Guides and Two D186R Dowel Pins
35	R 51 R	(-)	Gasket (Packed 10 in a Pkg.)
36	A 2385 R	(-R2413)	Stud, 7/16" x 3-1/2" (2 used) (Packed 5 in a Pkg.)
	19H 1006 R	(R2414-)	Screw, Cap, 7/16" x 3" (2 used) (Sub. for 19H381R)

(Parts listed below are not illustrated.)

Key	Part No.	Serial No.	Description
	AR 1032 R	(-)	Extension, Muffer, with Clamp (ATTACHMENT)
	R 1243 R	(-)	Clamp, Muffer Extension
	7H 386 A	(-)	Bolt, Square, Extension Clamp (Sub. 19H1116N)
	12H 11 R	(-)	Washer, Lock, 3/8"
	14H 255 R	(-)	Nut, 3/8"

TRACTOR—MODEL "R"

CRANKSHAFT, PISTONS, AND ASSOCIATED PARTS

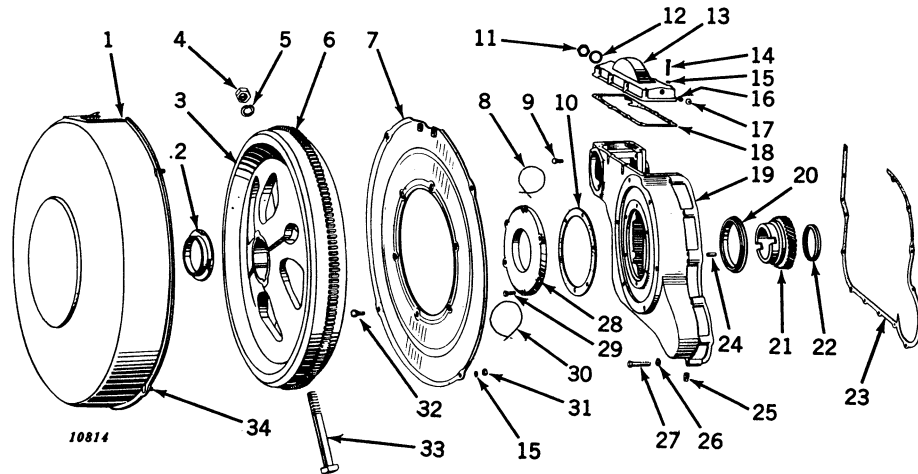


Key	Part No.	Serial No.	Description
1	R 352 R	(-)	Gear, Crankshaft (Sub. for AR867R)
2	R 353 R	(-)	Packing (Rubber) (Packed 5 in a Pkg.)
3	R 351 R	(-)	Washer, Thrust (2 used)
4	A 624 R	(-)	Screw, Cap (Drilled) (5 used)
5	(-)	(-)	Wire, 16 Gauge x 36"
6	AR 707 R	(-)	Housing, R347R, L.H. Main Bearing, with Bushing and Dowel Pin (Exchange)
	AR 975 R	(-)	Housing, R347R, L.H. Main Bearing, with .002" Undersize Bushing and Dowel Pin (Exchange)
	AR 977 R	(-)	Housing, R347R, L.H. Main Bearing, with .004" Undersize Bushing and Dowel Pin (Exchange)
	R 348 R	(-)	Bushing, Main Bearing (To be Sized after Installing in Housing. Always Provide .005" to .007" Clearance.)
7	A 4879 R	(R2923-)	Pin, Dowel (Sub. for B153R)
	R 343 R	(-)	Key (2 used)
8	AR 425 R	(-)	Crankshaft, R340R, with Nut
9	AR 1055 R	(-)	Bearing, Connecting Rod (Pkg. of 2 Halves) (2 used) (Sub. for AR704R)
	AR 1056 R	(-)	Bearing, Connecting Rod, .002" Undersize (Pkg. of 2) (2 used) (Sub. for AR1010R)
	AR 1057 R	(-)	Bearing, Connecting Rod, .004" Undersize (Pkg. of 2) (2 used) (Sub. for AR1011R)
	AR 1034 R	(-)	Bearing, Connecting Rod, .020" Undersize (Pkg. of 2 Halves) (2 used)
	AR 1035 R	(-)	Bearing, Connecting Rod, .022" Undersize (Pkg. of 2 Halves) (2 used)
	AR 1036 R	(-)	Bearing, Connecting Rod, .030" Undersize (Pkg. of 2 Halves) (2 used)
	AR 1037 R	(-)	Bearing, Connecting Rod, .032" Undersize (Pkg. of 2 Halves) (2 used)
10	R 237 R	(-R21384)	Nut, Connecting Rod (4 used) (Sub. R1236R)
	R 1236 R	(R21385-)	Nut, Special (4 used) (Packed 10 in a Pkg.)
11	11H 49 R	(-R21384)	Pin, Cotter, 1/8" x 2" (4 used) (Sub. for 11H43R)
12	R 349 R	(-)	Gasket (Packed 5 in a Pkg.)
13	A 624 R	(-)	Screw, Cap (Drilled) (8 used)
14	AR 706 R	(-)	Housing, R346R, R.H. Main Bearing, with Bushing, Dowel Pin, and Oil Seal (Exchange)
	AR 974 R	(-)	Housing, R346R, R.H. Main Bearing, with .002" Undersize Bushing, Dowel Pin and Oil Seal (Exchange)
	AR 976 R	(-)	Housing, R346R, R.H. Main Bearing, with .004" Undersize Bushing, Dowel Pin and Oil Seal (Exchange)
	R 348 R	(-)	Bushing, Main Bearing (To be Sized after Installing in Housing. Always Provide .005" to .007" Clearance.)
	A 4879 R	(R2923-)	Pin, Dowel (Sub. for B153R)
15	AR 434 R	(-)	Seal, Oil, Double Opposed
16	R 344 R	(-)	Disk, Clutch Drive (Sub. for AR703R)
17	24H 890 R	(-)	Washer
18	12H 17 R	(-)	Washer, Lock, 3/4"
19	8H 3510 R	(-)	Bolt, Mach., 3/4" x 1-1/2" (Sub. for 19H767R)
20	AR 397 R	(-)	Rod, R234R, Connecting (2 used)
21	R 239 R	(-)	Snap Ring (4 used)
22	R 238 R	(-)	Pin, Piston (2 used) (Sub. for AR681R)
	R 1956 R	(-)	Pin, Piston, .003" O.S. (Marked with Yellow)
	R 1957 R	(-)	Pin, Piston, .005" O.S. (Marked with Red)
23	R 1884 R	(-)	Bushing, Piston Pin (2 used) (Sub. for AR705R and AR829R)
24	AR 1059 R	(-)	Piston, Two R233R, with Pins and Rings (Sub. for AR680R and AR1026R)
	AR 749 R	(-)	Piston, Two R994R, .045" O.S., with Rings
	R 233 R	(-)	Piston only (2 used)
25	AR 1046 R	(-)	Ring, Piston (Set of 4 Oil Control and 10 Compression Rings) (Sub. for AR682R and AR684R)
	AR 959 R	(-)	Ring, Piston, .045" O.S. (Set of 4 Oil Control and 10 Compression Rings) (Sub. for AR750R)
	AR 1047 R	(-)	Ring, Piston, Oil Control (Pkg. of 2)
	AR 1048 R	(-)	Ring, Piston, .045" Oil Control (Pkg. of 2)
	AR 1022 R	(-)	Ring, Oil Control Piston, Skirt End (Pkg. of 2)
	AR 1024 R	(-)	Ring, Oil Control Piston, Skirt End, .045" Oversize (Pkg. of 2)
26	R 236 R	(-R21384)	Bolt, Connecting Rod (4 used) (Sub. AR1020R)
	AR 1020 R	(R21385-)	Bolt, Connecting Rod, with Nut (4 used)
	AR 712 R	(-)	Gasket Set, Valve, Ring, or Cylinder Replacement*
	AR 714 R	(-)	Gasket Set, Crankshaft and Bearing Replacement*

*See pages 55 to 58 for illustrations and contents of gasket sets.



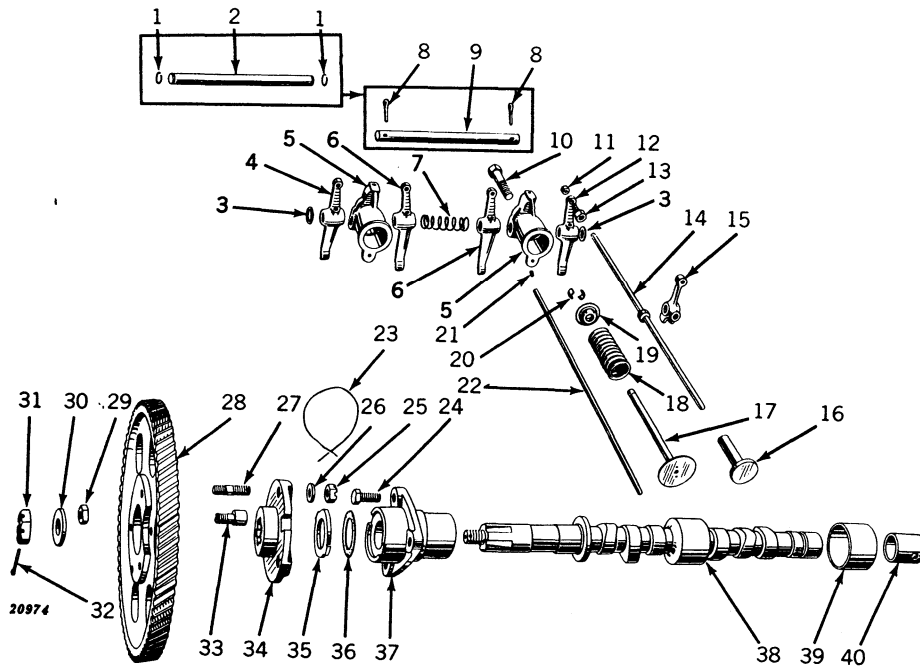
FLYWHEEL, FLYWHEEL COVER, AND TIMING GEAR COVER



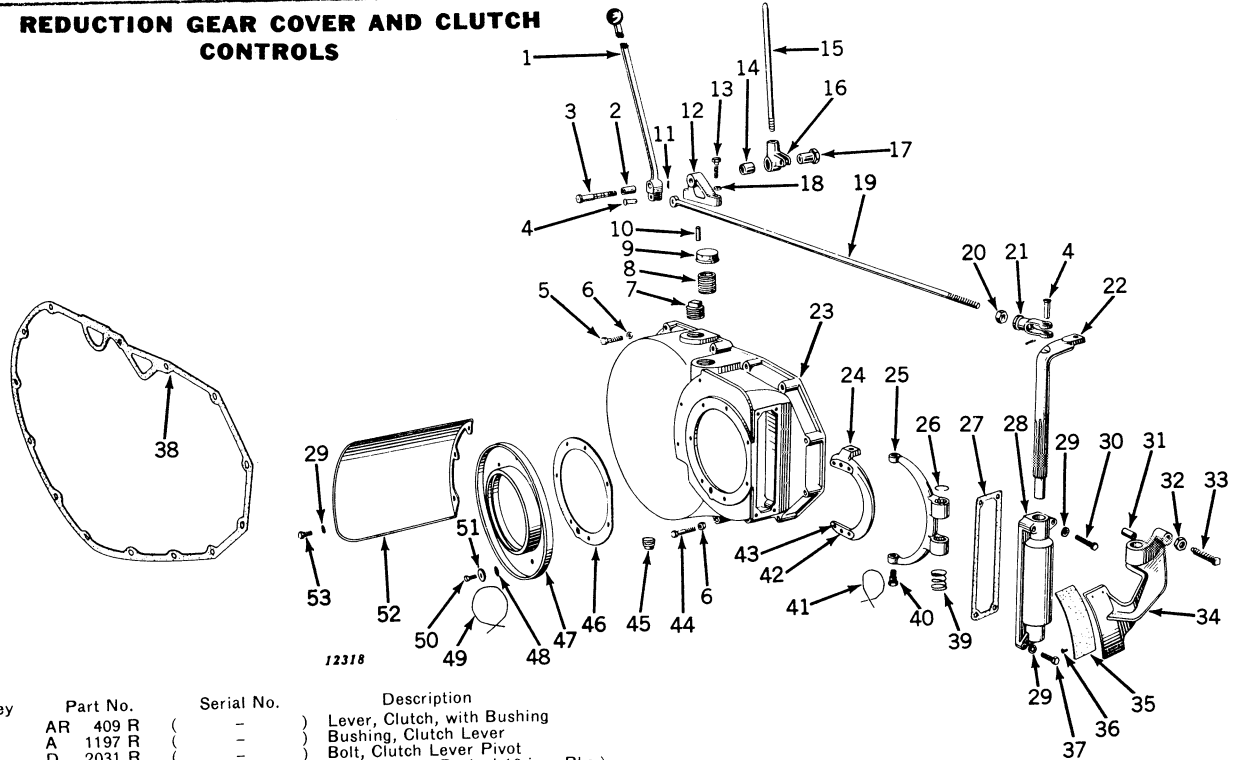
Key	Part No.	Serial No.	Description
1	AR 432 R	(-)	Cover, Flywheel
2	R 345 R	(-)	Nut, Lock, Flywheel
3	AR 426 R	(-)	Flywheel, R341R and R1304R, with Starter Gear
4	14H 801 R	(-)	Nut, 7/8" (2 used) (Sub. for 14H738R)
5	12H 19 R	(-)	Washer, Lock, 7/8" (2 used)
6	R 342 R	(-)	Gear, Flywheel Starter
7	AR 433 R	(-)	Plate, Flywheel Cover Back
8	.....	( - )	Wire, 16 Gauge x 9"
9	A 310 R	(-)	Screw, Cap, 7/16" x 1-1/4" (Drilled) (R1000-R15852, 2 used; R15853-, 1 used)
10	R 356 R	(-)	Gasket (Packed 5 in a Pkg.)
11	R 20168 R	(-)	Plug, Timing Gear Housing Cover (Sub. for R320R)
12	H 356 R	(-)	Washer
13	R 314 R	(-)	Cover, Timing Gear Housing
14	19H 255 N	(-)	Screw, Cap, 3/8" x 2" (8 used) (Sub. for 19H256R)
15	12H 11 R	(-)	Washer, Lock, 3/8" (12 used)
16	R 316 R	(-)	Packing, Speed Control Rod
17	R 317 R	(-)	Gland, Packing, Speed Control Rod
18	R 319 R	(-)	Gasket (Packed 5 in a Pkg.)
19	AR 419 R	(-)	Housing, R372R, Timing Gear, with Pin (On R1000-R2724 also Furnish One R947R Governor Shaft)
20	R 354 R	(-)	Slinger, Crankshaft Oil
21	R 352 R	(-)	Gear, Crankshaft (Sub. for AR867R)
22	R 353 R	(-)	Packing (Rubber) (Crankshaft Gear) (Packed 5 in a Pkg.)
23	R 151 R	(-)	Gasket (Packed 5 in a Pkg.)
24	A 4879 R	(-)	Pin, Dowel (2 used) (Sub. for B153R)
25	15H 255 R	(-)	Plug, Pipe
26	12H 12 R	(-)	Washer, Lock, 7/16" (12 used)
27	19H 1092 M	(-)	Screw, Cap, 7/16" x 2-1/4" (12 used) (Sub. for 19H363R)
28	R 355 R	(-)	Housing, Crankshaft Oil Slinger
29	D 459 R	(-)	Screw, Cap, 3/8" x 1" (Drilled) (6 used)
30	.....	( - )	Wire, 16 Gauge x 30"
31	14H 255 R	(-)	Nut, 3/8" (4 used)
32	JD 19 R	(-)	Bolt, Flywheel Cover Back Plate to Timing Gear Housing (6 used) (Packed 20 in a Pkg.)
33	8H 2375 R	(-)	Bolt, Mach., 7/8" x 7" (2 used)
34	R 359 R	(-)	Bolt, Weld (4 used)

TRACTOR—MODEL "R"

VALVE ASSEMBLY



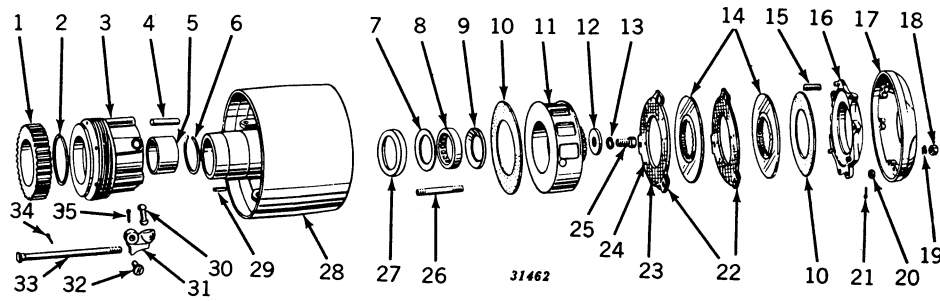
Key	Part No.	Serial No.	Description
1	H 252 R	(-R6853)	Snap Ring (2 used)
2	R 147 R	(-R6853)	Shaft, Tappet Lever (Sub. R1143R)
3	24H 233 R	(-)	Washer (2 used)
4	R 146 R	(-)	Lever, Tappet, Exhaust, L.H.
5	R 148 R	(-)	Bracket, Tappet Lever Shaft (2 used)
6	R 144 R	(-)	Lever, Tappet, Inlet (2 used)
7	R 1360 R	(-)	Spring (Sub. for R149R)
8	11H 88 R	(R6854-)	Pin, Cotter, 3/16" x 2" (2 used) (Sub. for 11H82R)
9	R 1143 R	(R6854-)	Shaft, Tappet Lever
10	19H 1471 D	(-)	Screw, Cap, 3/4" x 3-1/2" (2 used) (Sub. for 19H810R)
11	14H 383 R	(-)	Nut, 3/8" (4 used)
12	R 145 R	(-)	Lever, Tappet, Exhaust, R.H.
13	F 2559 R	(-)	Screw, Adjusting (4 used) (Sub. for A1291R)
14	R 370 R	(-)	Rod, Tappet, Exhaust (2 used)
15	R 374 R	(-)	Yoke, Decompression Shaft (2 used)
16	R 1354 R	(-)	Follower, Cam (4 used) (Sub. for R368R)
17	(F 3214 R)	(-)	Valve, Exhaust (2 used) (Sub. for AR584R)
18	A 356 R	(-)	Valve, Inlet (2 used) (Sub. for AR585R)
19	A 2333 R	(-)	Spring, Valve (4 used) (Sub. for R58R)
20	A 2332 R	(-)	Cap, Valve Spring (4 used)
21	F 1743 R	(-)	Lock, Valve Spring Retainer (8 used)
22	R 369 R	(-)	Pin, Dowel (2 used) (Sub. for D186R)
23	(-)	(-)	Rod, Tappet, Inlet (2 used)
24	C 1096 R	(-)	Wire, 16 Gauge x 12" (2 used)
25	14H 524 R	(-)	Screw, Cap, 1/2" x 1-1/4" (Drilled) (3 used)
26	24H 892 R	(-R17621)	Nut (3 used) (Sub. for D1930R)
27	(R 139 R)	(-)	Washer (3 used)
28	(B 1152 R)	(-R17621)	Stud, 1/2" x 2" (Drilled) (3 used)
	R 137 R	(R17622-)	Screw, Cap, Special (3 used)
29	14H 473 R	(-)	Gear, Camshaft (Sub. for AR865R) (On R1000-R17621 also Furnish Three B1152R)
30	B 3310 R	(-)	Nut, 1/2" (Sub. for 14H347R)
31	B 235 R	(-)	Washer (Sub. for B111R)
32	11H 49 R	(-)	Nut (Sub. for AB4256R) (Pkg of 25)
33	R 140 R	(-)	Pin, Cotter, 1/8" x 2" (Sub. for 11H43R)
34	AR 929 R	(-)	Lock, Camshaft Gear Eccentric
35	R 141 R	(-)	Hub, Camshaft Gear (Sub. for R138R)
36	R 142 R	(-)	Washer, Thrust
37	AR 924 R	(-)	Washer, Shim, .005" (3 used)
38	R 135 R	(-)	Bearing, Camshaft, L.H. (Sub. R136R)
39	R 2608 R	(-)	Camshaft
40	R 2609 R	(-)	Bushing, Camshaft, Center (Sub. for AR711R)
			Bushing, Camshaft, R.H. (Sub. for AR710R)

REDUCTION GEAR COVER AND CLUTCH
CONTROLS

Key	Part No.	Serial No.	Description
1	AR 409 R	()	Lever, Clutch, with Bushing
2	A 1197 R	()	Bushing, Clutch Lever
3	D 2031 R	()	Bolt, Clutch Lever Pivot
4	D 1994 R	()	Pin (2 used) (Packed 10 in a Pkg.)
5	19H 360 T	(R15695)	Screw, Cap, 7/16" x 2" (6 used) (Sub. for 19H353R)
	19H 360 T	(R15696)	Screw, Cap, 7/16" x 2" (5 used) (Sub. for 19H353R)
	19H 403 R	(R15696)	Screw, Cap, 7/16" x 4-1/2"
6	12H 12 R	()	Washer, Lock, 7/16" (14 used)
7	15H 241 R	()	Plug, Pipe, Transmission Oil Filler
8	29H 490 R	R1000-R9573	Nipple, Crankcase Oil Filler (Sub. One A4233R, One A4234R, and One A4235R)
	A 4234 R	R9574-	Nipple, Crankcase Oil Filler
9	D 426 R	R1000-R9573	Cap, Crankcase Oil Filler (Sub. One A4233R, One A4234R, and One A4235R)
	A 4233 R	R9574-	Cap, Crankcase Oil Filler
	A 4235 R	R9574-	Gasket, Crankcase Oil Filler Cap
10	C 1220 R	()	Pin, Dowel
11	11H 41 R	()	Pin, Cotter, 1/8" x 1" (2 used)
12	R 2650 R	()	Bracket, Clutch Lever (Sub. for R281R)
13	19H 1373 R	()	Screw, Cap, 5/8" x 2" (2 used) (Sub. for 19H676R)
14	R 772 R	(R3699)	Bushing, Powershaft Clutch Lever
15	R 1028 R	R3700-	Handle, Powershaft Clutch
	R 771 R	()	Handle, Powershaft Clutch
16	F 2597 R	()	Lever, Powershaft Clutch (On R1000-R3699 also Order One R1028R)
17	12H 15 R	()	Nut, Clutch Lever Pivot Bolt (Sub. for R777R)
18	R 284 R	()	Washer, Lock, 5/8" (2 used)
19	14H 261 R	()	Rod, Clutch Operating
20	D 393 R	()	Nut, 9/16" (Sub. for 14H393T)
21	R 270 R	()	Yoke, Clutch Operating
22	AR 1429 R	()	Shaft, Clutch Fork
23	AR 406 R	()	Cover, Reduction Gear (Sub. for R263R)
24	R 1466 R	()	Collar, Clutch
25	R 271 R	()	Fork, Clutch (Sub. for R272R)
26	R 1468 R	()	Snap Ring
27	AR 582 R	()	Gasket (Packed 5 in a Pkg.) (Sub. for R279R)
28	30H 11 R	()	Bearing, R269R, Clutch Fork, with Welch Plug
29	12H 11 R	()	Plug, Welch in Clutch Fork Bearing
30	19H 255 N	()	Washer, Lock, 3/8" (7 used)
31	R 280 R	(R15252)	Screw, Cap, 3/8" x 2" (2 used) (Sub. for 19H256R)
	R 1190 R	(R15253)	Spring
32	14H 473 R	()	Spring
33	22H 178 R	()	Nut, 1/2" (Sub. for 14H347R)
34	AR 408 R	()	Screw, Pulley Brake-Adjusting
		()	Brake, R278R, Pulley, with Lining (On R1000-R15252 also Furnish One R1190R)
35	D 1932 R	()	Lining, Pulley Brake
	AB 4748 R	()	Lining, Pulley Brake, with Adapter
36	D 1952 R	()	Rivet, Pulley Brake Lining (6 used) (Packed 100 in a Pkg.) (Sub. for AD1772R)
37	F 2273 R	()	Screw, Cap, 3/8" x 1-1/4" (2 used) (Sub. for 19H221R and 19H1099R)
38	R 264 R	()	Gasket (Packed 5 in a Pkg.)
39	R 273 R	()	Spring, Clutch Fork
40	D 178 R	()	Pivot, Clutch Fork (2 used)
41		()	Wire, 16 Gauge x 6" (2 used)
42	R 276 R	()	Plate, Clutch Collar Thrust (2 used)
43	R 277 R	()	Rivet (6 used)
44	19H 1242 M	()	Screw, Cap, 7/16" x 2-3/4" (8 used) (Sub. for 19H376R)
45	15H 237 R	()	Plug, Drain, Reduction Gear Cover
46	R 267 R	()	Gasket (Packed 5 in a Pkg.)
47	AR 404 R	()	Shield, Pulley Dust
48	C 932 R	(R11913)	Washer, Lead (7 used) (Packed 10 in a Pkg.)
	12H 10 R	(R11914)	Washer, Lock, 5/16" (7 used)
49		(R11913)	Wire, 16 Gauge x 30"
50	H 313 R	(R11914)	Screw, Cap (Drilled) (7 used)
	19H 1112 H	()	Screw, Cap, 5/16" x 3/4" (7 used)
51	24H 930 R	()	Washer (7 used) (Sub. for A127R)
52	R 268 R	()	Guard, Pulley
	R 1001 R	()	Guard, Pulley (For Steel Wheel Equipment)
53	F 2272 R	()	Screw, Cap, 3/8" x 3/4" (3 used) (Sub. for 19H203R)

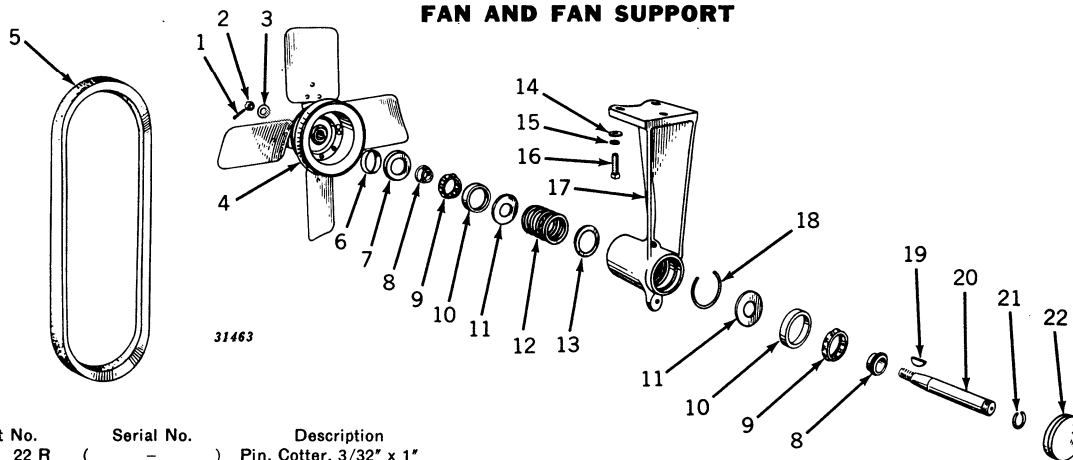
TRACTOR—MODEL "R"

PULLEY AND CLUTCH



Key	Part No.	Serial No.	Description
1	AR 864 R	()	Gear, Belt Pulley (Sub. R249R)
2	R 250 R	()	Snap Ring
3	(R) 246 R	(R19323)	Sleeve, Clutch Operating (Sub. for AR903R)
4	R 1213 R	(R19324)	Sleeve, Clutch Operating
5	R 1964 R	()	Pin, Drive, Clutch Operating Sleeve (Sub. for R247R)
6	AR 918 R	(R5207)	Bushing, Belt Pulley (Sub. R248R)
7	R 1070 R	(R5208)	Bushing, Belt Pulley (Sub. for AR919R)
8	(D) 182 R	(R5207)	Snap Ring
9	F 461 R	(R5208)	Snap Ring
10	JD 7488 R	()	Washer, Bearing
11	R 251 R	()	Bearing, Outer Race and Roller
12	R 256 R	()	Retainer, Bearing
13	R 344 R	()	Facing, Clutch (2 used) (Packed 10 in a Pkg.)
14	24H 890 R	()	Disk, Clutch Drive (Sub. for AR703R)
15	12H 17 R	()	Washer
16	AR 909 R	()	Washer, Lock, 3/4"
17	A 352 R	()	Disk, Clutch Sliding Drive (2 used) (Sub. R260R)
18	R 261 R	()	Spring (3 used) (Packed 10 in a Pkg.)
19	R 262 R	()	Disk, Clutch-Adjusting (Sub. for AR904R)
20	14H 800 R	()	Cover, Pulley Dust
21	12H 15 R	()	Nut, 5/8" (3 used) (Sub. for 14H652R)
22	R 20228 R	()	Washer, Lock, 5/8" (3 used)
23	11H 41 R	()	Nut, Adjusting (3 used) (Packed 25 in a Pkg.) (Sub. for C1200R)
24	AR 1052 R	()	Pin, Cotter, 1/8" x 1" (3 used)
25	R 259 R	()	Disk, Clutch Facing, with Facings (2 used) (Sub. for AR403R)
26	D 2309 R	(R13235)	Facing, Riveted Type (4 used) (Packed 10 in a Pkg.)
27	8H 3510 R	()	Rivet (15 used) (Packed 100 in a Pkg.) (Sub. for AD1773R)
28	R 255 R	()	Screw, Cap, 3/4" x 1-1/2" (Sub. for 19H767R)
29	R 1214 R	(R19324)	Stud, 41/64" x 4-9/16" (3 used)
30	AR 400 R	()	Retainer, Pulley Oil
31	()	()	Pulley, R245R, Belt, with Drive Pin and Bushing (Sub. One AR1361R, One R1862R and Three 19H1244N)
32	D 659 R	()	Key, Belt Pulley Gear
33	R 253 R	()	Toggle, Clutch Dog (3 used)
34	R 252 R	()	Dog, Clutch (3 used)
35	D 355 R	()	Pin, Clutch Dog (3 used)
	R 254 R	()	Bolt, Clutch Operating (3 used)
	11H 22 R	()	Pin, Cotter, 3/32" x 1" (3 used)
	11H 78 R	()	Pin, Cotter, 3/16" x 3/4" (3 used)

FAN AND FAN SUPPORT



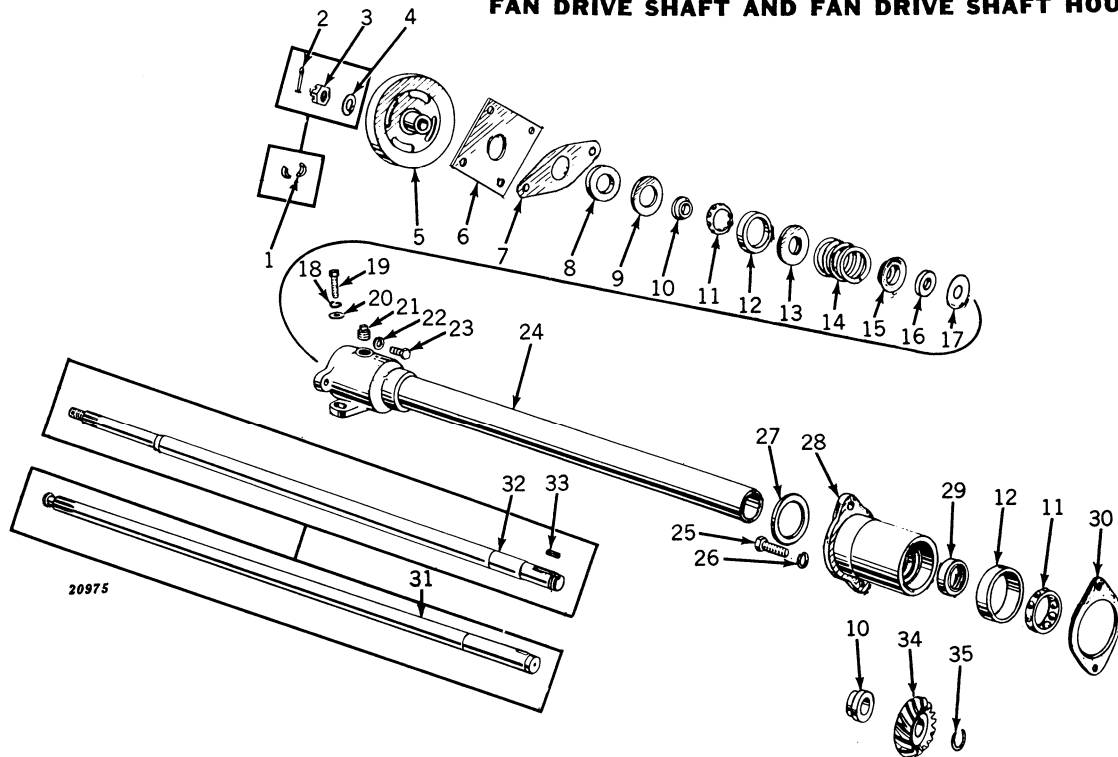
Key	Part No.	Serial No.	Description
1	11H 22 R	()	Pin, Cotter, 3/32" x 1"
2	A 335 R	()	Nut
3	D 2865 R	()	Washer
4	AR 391 R	()	Fan Assembly
5	R 221 R	()	Belt, Fan
6	R 1173 R	(R10249)	Sleeve in Fan Hub
7	B 298 R	(R10248)	Retainer
8	J 13672 HN	(R10249)	Seal, Oil, Fan Assembly
9	JD 7656 R	()	Cone (2 used)
10	JD 7657 R	()	Balls, with Retainer (2 used)
11	JD 7655 R	()	Cup (2 used)
12	D 1736 R	(R10248)	Washer, Felt Retainer (2 used)
13	A 846 R	()	Spring
14	B 280 R	()	Washer
	24H 154 R	()	Washer (3 used)



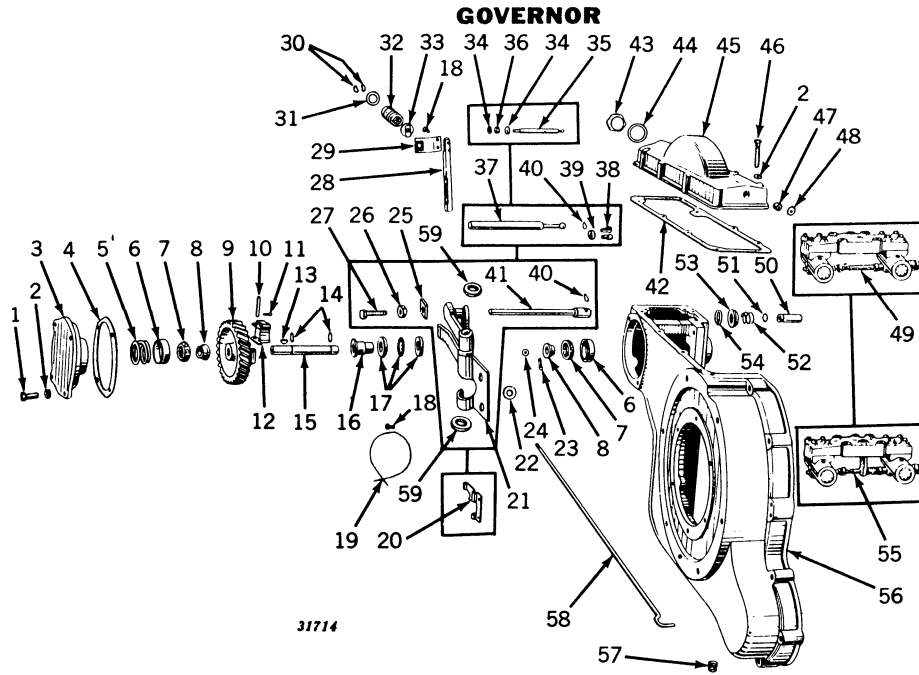
FAN AND FAN SUPPORT—Continued

Key	Part No.	Serial No.	Description
15	12H 11 R	(-)	Washer, Lock, 3/8" (3 used)
16	F 2273 R	(-)	Screw, Cap, 3/8" x 1-1/4" (3 used) (Sub. for 19H221R and 19H1099R)
17	R 218 R	(-)	Housing, Fan Shaft Bearing (On R1000-R10248 also Furnish One 15H254R Pipe Plug)
	15H 254 R	(R10249-)	Plug, Pipe, in Fan Bearing Housing
18	B 276 R	(-)	Snap Ring
19	26H 17 R	(-)	Key, Woodruff
20	R 217 R	(-)	Shaft, Fan
21	A 369 R	(-)	Snap Ring
22	R 219 R	(-)	Retainer

FAN DRIVE SHAFT AND FAN DRIVE SHAFT HOUSING



Key	Part No.	Serial No.	Description
1	D 1720 R	(-R6723)	Lock, Retainer (2 used)
2	11H 22 R	(R6724-)	Pin, Cotter, in Fan Drive Shaft Nut
3	A 335 R	(R6724-)	Nut, Special Slotted, on Fan Drive Shaft, 1/2"
4	D 2865 R	(R6724-)	Washer, Fan Drive Shaft Nut
5	(R 213 R	(-R6723)	Pulley, Fan Drive
	(R 1140 R	(R6724-)	Pulley, Fan Drive
6	R 212 R	(-)	Retainer
7	R 1137 R	(R6606-)	Gasket, Fan Drive Shaft Front Bearing Housing
8	AA 380 R	(-)	Washer, Packing, Felt (Sub. for AB518R)
9	R 211 R	(-)	Washer, Packing
10	JD 7656 R	(-)	Cone (2 used)
11	JD 7657 R	(-)	Balls with Retainer (2 used)
12	JD 7655 R	(-)	Cup (2 used)
13	D 1736 R	(-R6605)	Washer
14	A 846 R	(-)	Spring
15	B 2121 R	(R6606-)	Retainer, Fan Drive Shaft Front Bearing Packing
16	B 2127 R	(R6606-)	Packing, Fan Drive Shaft Front Bearing
17	D 1736 R	(R6606-)	Washer, Fan Drive Shaft Front Bearing
18	12H 11 R	(-)	Washer, Lock, 3/8" (2 used)
19	19H 218 D	(-)	Screw, Cap, 3/8" x 1" (2 used) (Sub. for 19H211R)
20	24H 43 R	(-)	Washer (2 used)
21	15H 254 R	(R6606-)	Plug, Pipe, in Fan Drive Shaft Front Bearing Housing
22	(12H 11 R	(-R6605)	Washer, Lock, 3/8" (4 used)
	(12H 11 R	(R6606-)	Washer, Lock, 3/8" (2 used)
23	(19H 218 D	(-R6605)	Screw, Cap, 3/8" x 1" (4 used) (Sub. for 19H211R)
	(19H 218 D	(R6606-)	Screw, Cap, 3/8" x 1" (2 used) (Sub. for 19H211R)
24	AR 390 R	(-)	Housing, R209R, Fan Drive Shaft Front Bearing, with Tube (On R1000-R6605 also Order One 15H254R Pipe Plug)
25	(19H 218 D	(-R15853)	Screw, Cap, 3/8" x 1" (2 used) (Sub. for 19H211R)
	(19H 1131 N	(R15854-)	Screw, Cap, 1/2" x 1" (2 used) (Sub. for 19H448R)
26	(12H 11 R	(-R15853)	Washer, Lock, 3/8" (2 used)
	(12H 13 R	(R15854-)	Washer, Lock, 1/2" (2 used)
27	B 293 R	(-)	Packing, Fan Drive Shaft Tube
28	(R 207 R	(-R15853)	Housing, Fan Drive Shaft Rear Bearing
	(R 1198 R	(R15854-)	
29	AR 389 R	(-)	Seal, Oil
30	(R 214 R	(-)	Shim, Paper, .005" (2 used)
	(R 951 R	(-)	Shim, Steel
31	R 205 R	(-R6723)	Shaft, Fan Drive (Sub. one A335R, D2865R, R1139R and R1140R)
32	R 1139 R	(R6724-)	Shaft, Fan Drive
33	D 403 R	(-)	Key, Fan Drive Bevel Pinion
34	R 1687 R	(-)	Pinion, Fan Drive Bevel (Sub. for R208R and AR891R)
35	A 369 R	(-)	Snap Ring



Key	Part No.	Serial No.	Description
1	19H 218 D	(-)	Screw, Cap, 3/8" x 1" (4 used) (Sub. for 19H211R)
2	12H 11 R	(-)	Washer, Lock, 3/8" (12 used)
3	AR 923 R	(-)	Housing, Governor Bearing (Sub. R305R)
4	R 306 R	(-)	Gasket (Packed 5 in a Pkg.)
5	H 393 R	(-)	Spring
6	JD 7151 R	(-)	Cup (2 used)
7	JD 7153 R	(-)	Retainer, with Balls (2 used)
8	JD 7152 R	(-)	Cone (2 used)
9	R 303 R	(-)	Gear, Governor Drive (Sub. for AR876R)
10	F 3326 R	(-)	Pin, Governor Weight (2 used) (Sub. for C902R)
11	11H 22 R	(-)	Pin, Cotter, 3/32" x 1" (5 used) (Sub. for 11H18R)
12	AC 667 R	(-)	Weight, Governor (2 used)
13	26H 10 R	(-)	Key, Woodruff, Governor Drive Gear
14	H 392 R	(-)	Snap Ring, Governor Shaft (2 used)
15	R 302 R	(-)	Shaft, Governor
16	R 947 R	(R2724)	Shaft, Governor
17	AR 416 R	(R4148)	Sleeve, Governor (Sub. AR922R)
18	C 951 R	(-)	Washer, Governor Sleeve
19	AR 922 R	(R4149)	Sleeve, Governor (Sub. for AR803R)
20	C 998 R	(-)	Bearing, Thrust
21	R 310 R	(-)	Screw, Cap, 1/4" x 1/2" (4 used)
22	AR 586 R	(-)	Wire, 16 Gauge x 5" Long (2 used)
23	AR 801 R	(R4148)	Lever, Governor
24	B 2274 R	(R4149)	Lever, Governor
25	11H 22 R	(-)	Washer, Governor Lever Shaft (2 used)
26	R 318 R	(-)	Pin, Cotter, 3/32" x 1" (Sub. for 11H19R)
27	R 443 R	(R4149)	Stop, Speed Control Rod
28	14H 631 R	(R4149)	Plate, Lock, Governor Lever Stop Screw Nut
29	R 1047 R	(R4149)	Nut, Governor Lever Stop Screw
30	R 308 R	(-)	Screw, Machine
31	R 309 R	(-)	Shaft, Governor Lever
32	R 313 R	(-)	Lever, Governor Loading
33	R 311 R	(-)	Keeper, Speed Control Spring End (2 used)
34	A 3106 R	(-)	End, Speed Control Spring
35	R 312 R	(-)	Spring, Speed Control
36	24H 131 A	(-)	Fulcrum, Speed Control Spring
37	R 457 R	(R4148)	Washer, Injection Pump Control Rod (2 used)
38	R 462 R	(R4148)	Rod, Injection Pump Control
39	R 1038 R	(R4149)	Yoke, Injection Pump Control Rod
40	R 444 R	(R8399)	Rod, Injection Pump Control
41	R 445 R	(R8399)	Clamp, Half, Injection Pump Rack Coupling (6 used)
42	R 446 R	(R8399)	Sleeve, Injection Pump Rack Clamp (3 used)
43	AR 915 R	(R8400)	Snap Ring, Injection Pump Rack Clamp (3 used)
44	R 319 R	(-)	Rod, Injection Pump Control with Sleeve*
45	H 356 R	(-)	Gasket (Packed 5 in a Pkg.)
46	R 314 R	(-)	Plug, Timing Gear Housing Cover (Sub. for R320R)
47	19H 255 N	(-)	Washer
48	R 316 R	(-)	Cover, Timing Gear Housing
49	AR 806 R	(R4149)	Screw, Cap, 3/8" x 2" (8 used) (Sub. for 19H256R)
	AR 806 R	(R4148)	Packing, Speed Control Rod
	AR 911 R	(R8400)	Gland, Packing, Speed Control Rod
	AR 845 R	(R8399)	Pumps, Injection, with R436R Bracket (Bendix-Scintilla) (Sub. AR911R)
	AR 845 R	(R4148)	Pumps, Injection, with R436R Bracket (Bendix-Scintilla) (Sub. AR911R and AR945R)
	AR 912 R	(R8400)	Pumps, Injection, with R436R Bracket (Bosch) (Sub. AR912R)
	AR 1043 R	(R4149)	Pumps, Injection, with R436R Bracket (Bosch) (Sub. AR912R and AR945R)
50	R 458 R	(-)	Pumps, Injection, with R436R Bracket (Bosch) (Sub. AR912R and AR945R)
51	R 459 R	(-)	Bracket (Sub. AR911R or AR912R)
52	A 2441 R	(-)	Guide, Injection Pump Control Rod
53	R 461 R	(-)	Packing, "O" Ring, Pump Control Rod Guide (Packed 10 in a Pkg.)
			Spring, Pump Control Rod Packing Retainer (Packed 5 in a Pkg.)
			Retainer, Pump Control Packing

GOVERNOR—Continued

Key	Part No.	Serial No.	Description
54	R 460 R	(-)	Packing, “O” Ring, Pump Control Rod Guide (Packed 5 in a Pkg.)
55	AR 709 R	(-R4148)	Bracket, R436R, Injection Pump, with Pumps (Sub. one AR911R or one AR912R and one AR945R)
56	AR 419 R	(-)	Housing, R372R, Timing Gear, with Pin (on R1000-R2724 also furnish one R947R Governor Shaft)
57	15H 255 R	(-)	Plug, Pipe
58	R 315 R	(-)	Rod, Speed Control
59	B 2274 R	(-)	Washer (2 used) (Sub. for 24H205R)

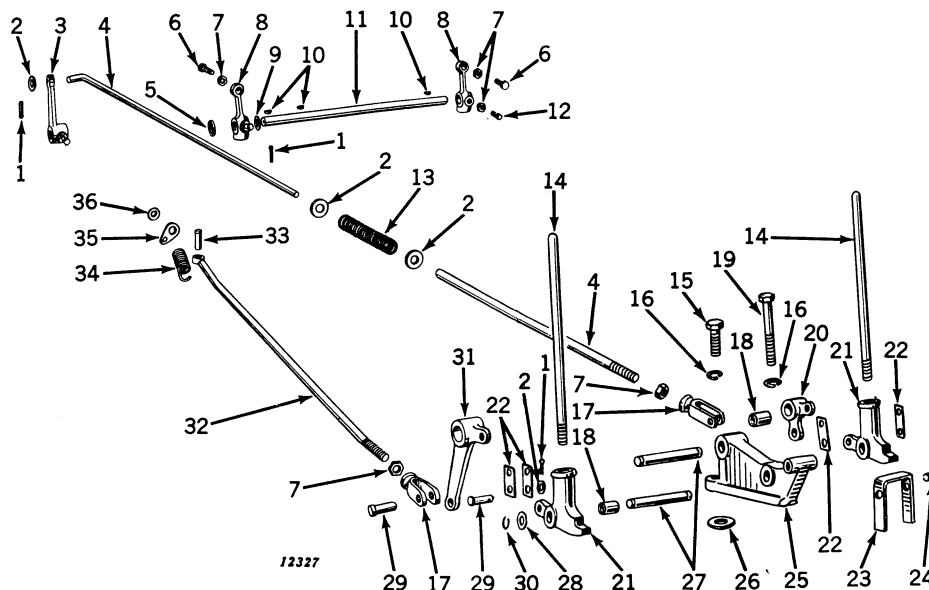
Parts listed below are not illustrated:

AR 808 R (-R4148) Parts, Misc. Injection Pump Rack (For use with AR806R or AR845R) (Sub. AR945R)

AR 945 R (-R4148) Parts, Misc. Injection Pump Rack (For use with AR911R or AR912R)

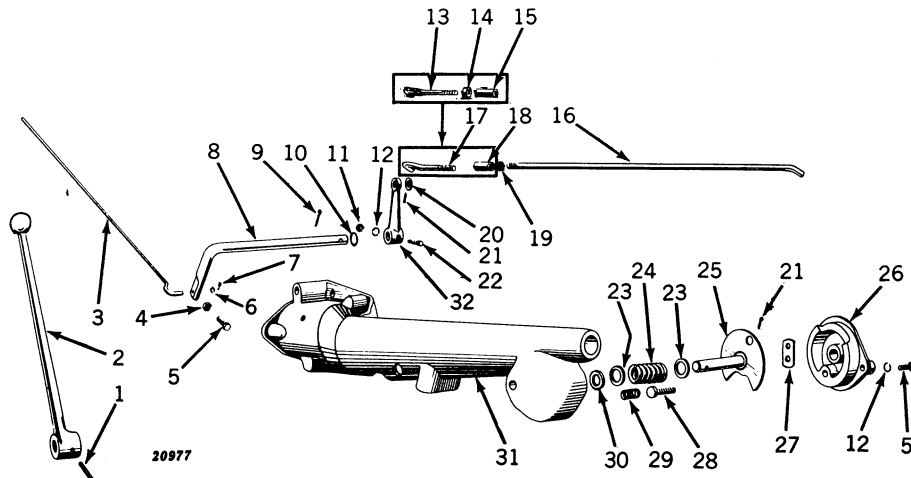
*Used on R4149 and up when equipped with AR911R or AR912R.

STARTING CONTROLS



Key	Part No.	Serial No.	Description
1	11H 39 R	(-)	Pin, Cotter, 1/8" x 3/4" (7 used)
2	24H 154 R	(-)	Washer (7 used)
3	R 153 R	(-)	Lever, Decompression Shaft
4	R 658 R	(-)	Rod, Decompression Control
5	R 375 R	(-)	Packing, “O” Ring, Decompression Shaft
6	F 2273 R	(-)	Screw, Stop (2 used) (Sub. for 19H221R and 19H1099R)
7	14H 732 R	(-)	Nut, 3/8" (7 used)
8	R 374 R	(-)	Yoke, Decompression Shaft (2 used)
9	B 2274 R	(-)	Washer, Decompression Shaft Adjusting (2 used)
10	26H 10 R	(-)	Key, Woodruff (3 used)
11	R 152 R	(-)	Shaft, Decompression
12	22H 78 R	(-)	Screw, Set (3 used)
13	R 660 R	(-)	Spring, Decompression Control Rod
14	R 772 R	(-R3699)	Handle, Starting Engine Clutch or Starting Engine Decompression (2 used)
	R 1028 R	R3700	Handle, Starting Engine Clutch or Starting Engine Decompression (2 used)
15	19H 472 R	(-)	Screw, Cap, 1/2" x 1-3/4", Front (Sub. for 19H467R)
16	12H 13 R	(-)	Washer, Lock, 1/2" (2 used)
17	C 284 R	(-)	Yoke (2 used)
18	R 653 R	(-)	Bushing, Starting Engine Clutch or Starting Engine Decompression (2 used)
19	19H 1120 R	(-)	Screw, Cap, 1/2" x 3-1/4", Rear (Sub. for 19H514R)
20	AR 545 R	(-)	Arm, R566R, Decompression Control, with Bushing
	R 653 R	(-)	Bushing
21	R 651 R	(-)	Lever, Starting Engine Clutch or Starting Engine Decompression (2 used) (On R1000-R3699 also Order One R1028R)
22	R 655 R	(-)	Link (4 used)
23	R 649 R	(-)	Stop, Control Lever
24	A 4879 R	(-)	Pin, Dowel, Control Lever Stop (Sub. for B153R)
25	R 648 R	(-)	Bracket
26	24H 554 R	(-)	Washer, Bracket Spacer
27	R 650 R	(-)	Shaft, Control Lever (2 used)
28	24H 204 R	(-)	Washer (4 used)
29	C 1067 R	(-)	Pin, Headed (6 used)
30	B 387 R	(-)	Snap Ring (4 used)
31	AR 544 R	(-)	Arm, R654R, Clutch Control, with Bushing
	R 653 R	(-)	Bushing
32	R 657 R	(-)	Rod, Clutch Operating (Starting Engine)
33	A 3114 R	(-)	Pin, Headed
34	H 449 R	(-)	Spring, Clutch Operating Rod (Starting Engine)
35	C 485 R	(-)	Clip, Clutch Operating Rod (Starting Engine)
36	24H 169 R	(-)	Washer

SPEED CONTROL

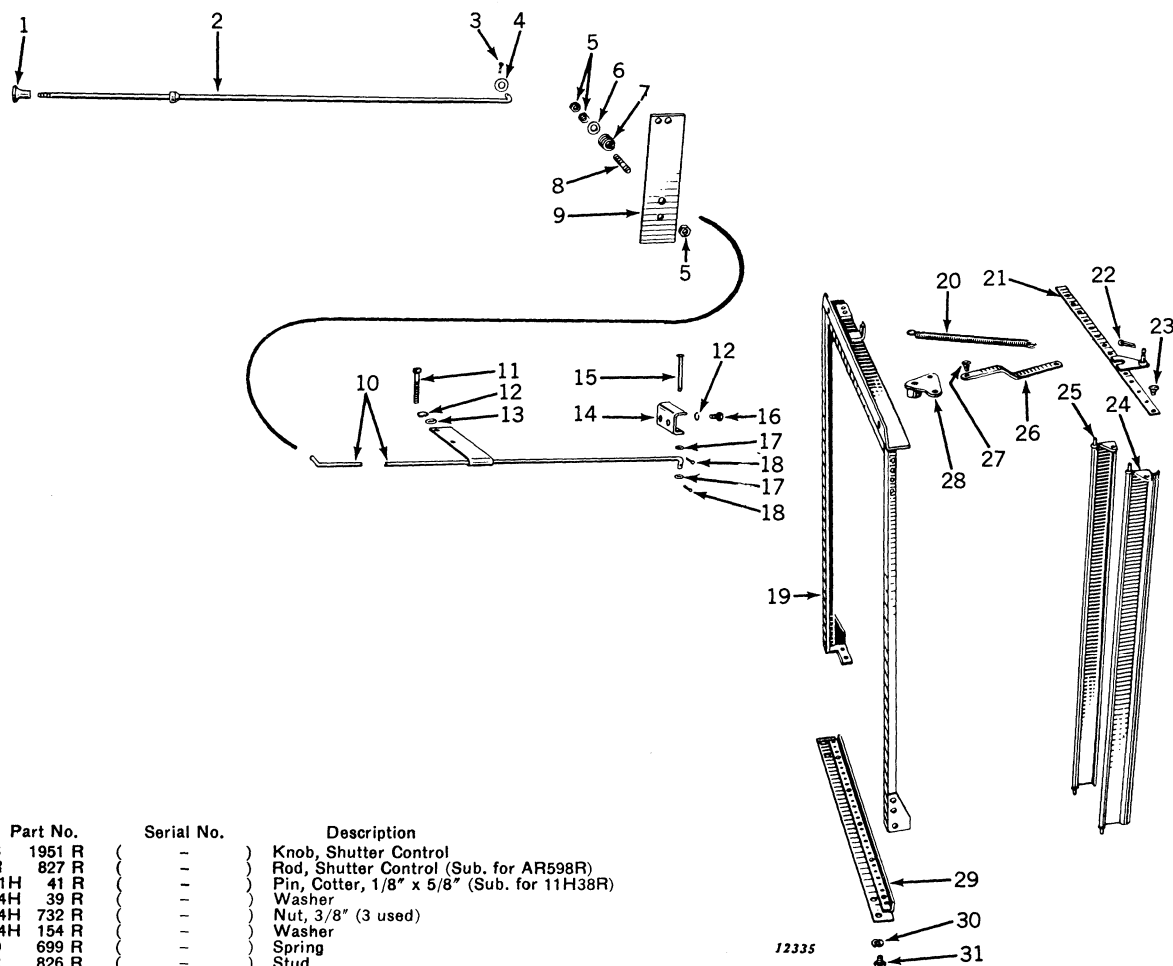


Key	Part No.	Serial No.	Description
1	25H 97 R	(-)	Pin, Groove, Speed Control Lever
2	R 541 R	(-)	Lever, Speed Control
3	R 315 R	(-)	Rod, Speed Control
4	14H 785 R	(-)	Nut, Speed Control Adjusting Screw, 5/8" (2 used) (Sub. for 14H253R)
5	F 2270 R	(-)	Screw, Cap, Speed Control Adjusting, 5/16" x 1-1/4" (5 used) (Sub. for 19H124R)
6	24H 132 R	(-)	Washer, Plain, 9/32" x 1/2"
7	11H 22 R	(-)	Pin, Cotter, 3/32" x 1" (Sub. for 11H18R)
8	R 514 R	(-)	Shaft, Speed Control
9	11H 41 R	(-)	Pin, Cotter, 1/8" x 1"
10	24H 448 R	(-)	Washer, Plain, 25/32" x 1-1/8"
11	14H 785 R	(-)	Nut, 5/16" (Sub. for 14H253R)
12	12H 10 R	(-)	Washer, Lock, 5/16" (3 used)
13	R 551 R	(R11414)	End, Speed Control Lever Rod (Sub. One R1148R and One R1149R)
14	14H 732 R	(R11414)	Nut, 3/8"
15	R 546 R	(R11414)	Coupling, Speed Control Lever Rod (Sub. One R1148R and One R1149R)
16	R 545 R	(-)	Rod, Speed Control Lever
17	R 1148 R	(R11415)	End, Speed Control Lever
18	R 1149 R	(R11415)	Coupling, Speed Control Lever Rod
19	14H 732 R	(R11414)	Nut, 3/8"
20	24H 154 R	(-)	Washer, Plain, 25/64" x 7/8"
21	11H 22 R	(-)	Pin, Cotter, 3/32" x 1" (2 used) (Sub. for 11H19R)
22	21H 715 R	(-)	Screw, Cap, 5/16" x 1-1/2" (Sub. for H983R and 19H134B)
23	B 2274 R	(-)	Washer (2 used)
24	24H 889 R	(-)	Washer, Speed Control Lever Disk Spring, 11/16" x 1-1/2"
25	R 544 R	(-)	Spring
26	AR 506 R	(-)	Shaft, Speed Control Lever Assembly
27	R 547 R	(-)	Cover, Speed Control Housing
28	R 549 R	(-)	Plate, Speed Control Lever Friction
29	R 548 R	(-)	Stop, Speed Control Disk
30	H 312 R	(-)	Spring
31	B 2274 R	(-)	Washer, Shim, .060" (Sub. for 24H205R)
32	24H 889 R	(-)	Washer, Shim, .036"
	AR 502 R	(-)	Housing, R532R, Steering Shaft and Worm, with Bushing
	R 515 R	(-)	Arm, Speed Control



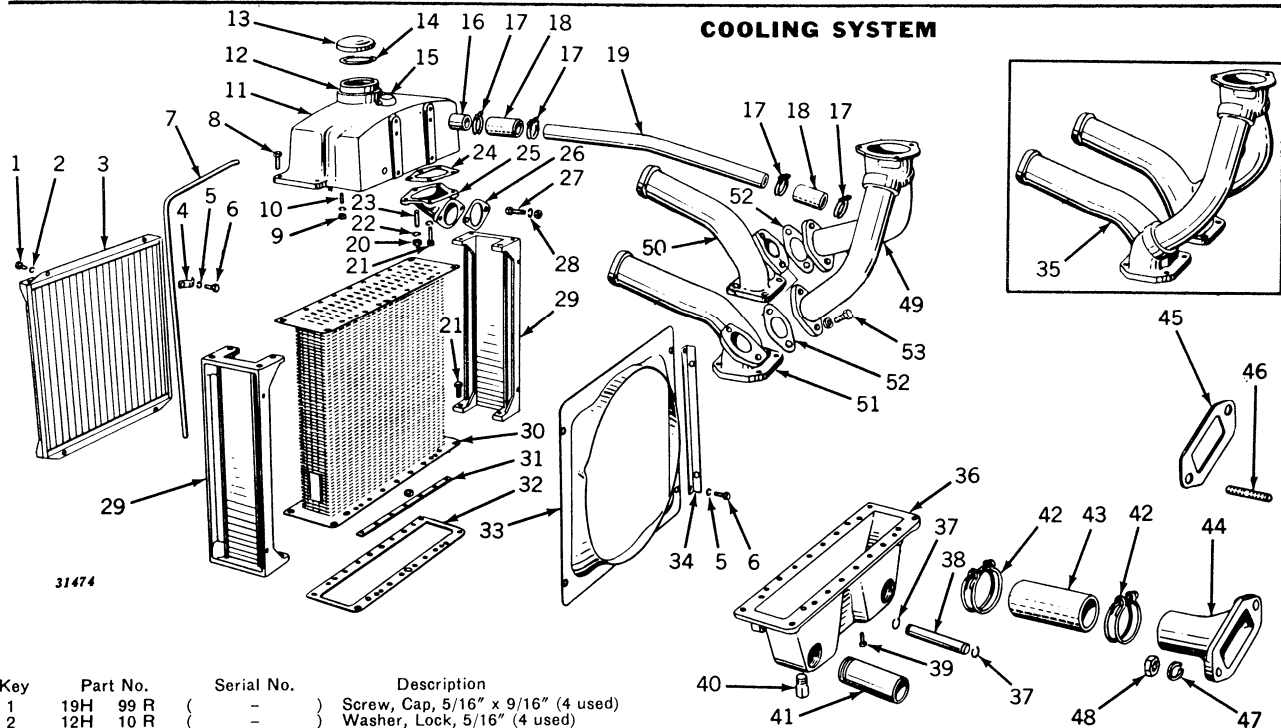
TRACTOR—MODEL "R"

AR594R SHUTTER AND CONTROLS



Key	Part No.	Serial No.	Description
1	B 1951 R	-	Knob, Shutter Control
2	R 827 R	-	Rod, Shutter Control (Sub. for AR598R)
3	11H 41 R	-	Pin, Cotter, 1/8" x 5/8" (Sub. for 11H38R)
4	24H 39 R	-	Washer
5	14H 732 R	-	Nut, 3/8" (3 used)
6	24H 154 R	-	Washer
7	D 699 R	-	Spring
8	R 826 R	-	Stud
9	R 825 R	-	Lever, Shutter Control
10	AR 597 R	-	Link, Shutter Control, with Guide
11	19H 150 R	-	Screw, Cap, 5/16" x 2-1/4" (2 used)
12	12H 10 R	-	Washer, Lock, 5/16" (4 used)
13	24H 143 R	-	Washer
14	R 822 R	-	Bracket, Shutter
15	R 821 R	-	Rivet (Drilled)
16	19H 99 R	-	Screw, Cap, 5/16" x 9/16" (2 used)
17	24H 132 R	-	Washer (2 used)
18	11H 22 R	-	Pin, Cotter, 3/32" x 1/2" (2 used) (Sub. for 11H18R)
19	AR 668 R	-	Frame and Bearing Bar
20	A 1999 R	-	Spring
21	AR 667 R	-	Operating Bar and Stud
22	11H 3 R	-	Pin, Cotter
23	A 1855 R	-	Rivet (20 used)
24	AR 669 R	-	Shutter and Pivot Pins (19 used)
25	AR 670 R	-	Shutter and Pivot Pins (L.H. Side)
26	R 845 R	-	Operating Link
27	A 1854 R	-	Rivet
28	AA 1522 R	-	Bell Crank and Bushing
29	AR 671 R	-	Bottom Tie Bar and Bearing Bar
30	12H 9 R	-	Washer, Lock, 1/4" (4 used)
31	21H 597 R	-	Screw, Machine (4 used)

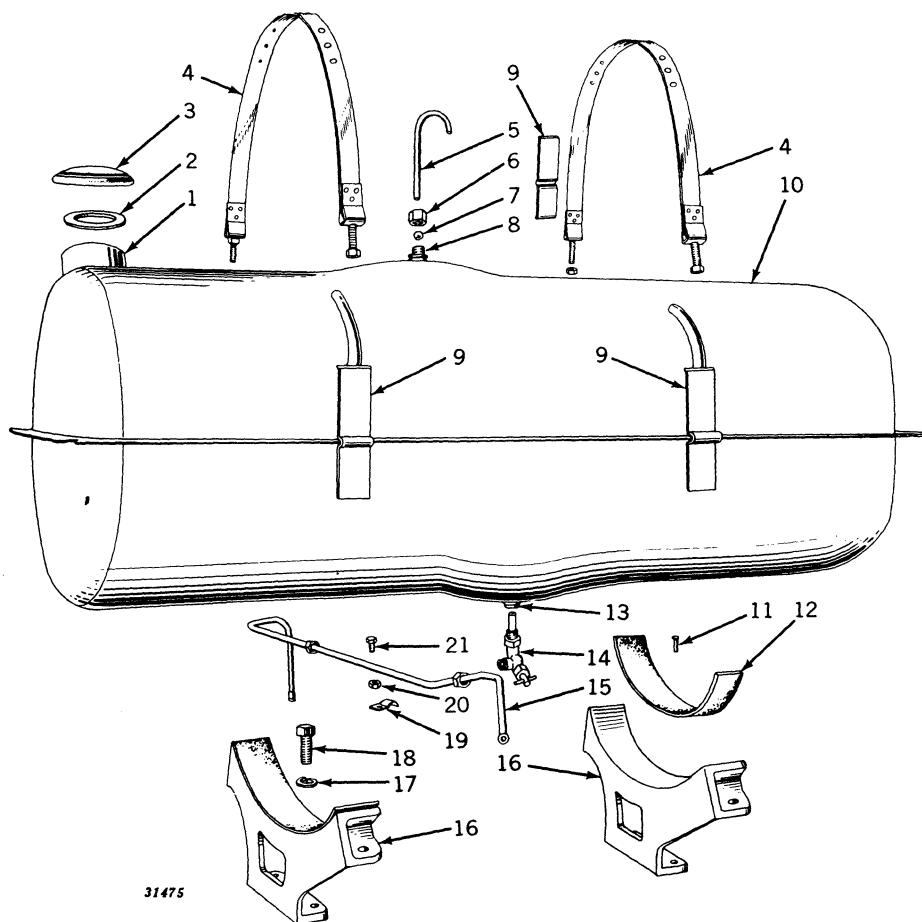
COOLING SYSTEM



Key	Part No.	Serial No.	Description
1	19H 99 R	(-)	Screw, Cap, 5/16" x 9/16" (4 used)
2	12H 10 R	(-)	Washer, Lock, 5/16" (4 used)
3	AR 594 R	(-)	Shutter, Radiator
4	R 183 R	(-)	Clip, Radiator Vent Tube (2 used)
5	12H 11 R	(-)	Washer, Lock, 3/8" (4 used)
6	F 2272 R	(-)	Screw, Cap, 3/8" x 3/4" (4 used) (Sub. for 19H203R)
7	R 182 R	(-)	Tube, Radiator Vent
	R 1078 R	(R6259-R18634)	Tube, Radiator Vent Sub. One R1212R and One AR998R
	R 1212 R	(R18635-)	Tube, Radiator Vent
8	19H 1166 H	(-)	Screw, Cap, 7/16" x 1-1/2" (8 used)
9	14H 785 R	(-)	Nut, Radiator Strap to Top Tank Stud, 5/16" (7 used) (Sub. for 14H253R)
10	B 1504 R	(-)	Stud, Radiator Strap to Top Tank, 5/16" x 15/16" (7 used)
11	R 173 R	(-)	Tank, Radiator Top (On R1000-R6258 also Furnish One D3159R and One R1078R) (Sub. for AR382R)
12	D 2989 R	(-)	Flange, Radiator Filler
13	AB 1621 R	(-)	Cap, Radiator
14	B 1669 R	(-)	Gasket, Radiator Cap (Packed 5 in a Pkg.)
15	AR 383 R	(-)	Cap, Radiator Outlet, with Tube
	D 3159 R	(R6259-R18634)	Elbow, Radiator Vent Drain Tube
	R 998 R	(R18635-)	Elbow, Special Union, Radiator Vent Drain Tube
16	R 607 R	(-)	Tube, Starting Engine Cover Water Outlet
17	H 141 R	(-)	Clamp, Hose, Starting Engine Cover Water Outlet (4 used)
18	R 606 R	(-)	Hose, Starting Engine Cover Water Outlet (2 used)
19	R 605 R	(-)	Pipe, Starting Engine Cover Water Outlet
20	14H 257 R	(-)	Nut, Radiator Sides and Inlet Elbow to Top Tank, 7/16" (4 used)
21	19H 337 N	(-)	Screw, Cap, Radiator Sides to Top and Bottom Tank, Radiator Inlet to Top Tank, 7/16" x 1-1/4" (14 used)
22	12H 12 R	(-)	Washer, Lock, 7/16" (10 used)
23	K 3083 R	(-)	Stud, Radiator Sides and Inlet Elbow to Top Tank, 7/16" x 1-7/8" (4 used)
24	R 179 R	(-)	Gasket, Radiator Inlet Elbow to Top Tank (2 used) (Packed 5 in a Pkg.)
25	R 178 R	(-)	Elbow, Radiator Inlet (2 used)
26	R 185 R	(-)	Gasket, Upper Water Pipe, Upper (2 used) (Packed 10 in a Pkg.)
27	19H 472 N	(-)	Bolt, Mach., with Nut, 1/2" x 1-3/4" (4 used)
28	12H 13 R	(-)	Washer, Lock, 1/2" (4 used)
29	R 177 R	(-)	Side, Radiator (2 used)
30	AD 1946 R	(-)	Core, Radiator
31	D 2993 R	(-)	Strap, Radiator (4 used)
32	D 2992 R	(-)	Gasket, Radiator Core (2 used) (Packed 5 in a Pkg.)
33	R 180 R	(-)	Shroud, Fan (Sub. One AR999R)
	AR 999 R	(R18635-)	Shroud, Fan, with Clip
34	R 181 R	(-)	Bracket, Radiator Grille Side (2 used) (No longer sold)
35	AR 326 R	(-)	Pipe, R17R and R18R, Upper Water and Exhaust, with Muffler Support, R19R (Sub. One R1169R, One R1170R, One R1171R, Two R1172R, and Four 19H456R)
36	R 176 R	(-)	Tank, Radiator Bottom
37	A 602 R	(-)	Snap Ring (2 used)
38	R 184 R	(-)	Pin, Radiator Pivot
39	7H 163 R	(-)	Bolt, Mach., with Nut, 5/16" x 7/8" (17 used) (Sub. 19H1118N)
40	C 1865 R	(-)	Plug, Radiator Drain
41	29H 552 R	(-)	Nipple, Radiator Outlet (2 used)
42	D 2304 R	(-)	Clamp, Hose (4 used)
43	R 189 R	(-)	Hose, Lower Water (2 used)
44	R 186 R	(-)	Pipe, Lower Water, R.H.
	R 187 R	(-)	Pipe, Lower Water, L.H.
45	R 188 R	(-)	Gasket, Lower Water Pipe (2 used) (Packed 10 in a Pkg.)
46	K 3083 R	(-)	Stud, Lower Water Pipe, 7/16" x 1-7/8" (4 used)
47	12H 12 R	(-)	Washer, Lock, 7/16" (10 used)
48	14H 257 R	(-)	Nut, on Lower Water Pipe Stud, 7/16" (4 used)
49	R 1171 R	(R10337-)	Pipe, Exhaust and Muffler Support
50	R 1169 R	(R10337-)	Pipe, Upper Water and Exhaust Outlet, R.H.
51	R 1170 R	(R10337-)	Pipe, Upper Water and Exhaust Outlet, L.H.
52	R 1172 R	(R10337-)	Gasket, Exhaust Pipe (2 used) (Packed 5 in a Pkg.)
53	19H 455 R	(R10337-)	Screw, Cap, 1/2" x 1-3/8" Exhaust Pipe to Exhaust Outlet (4 used) (Sub. 19H456R)
	12H 13 R	(R10337-)	Washer, Lock, 1/2" (4 used)

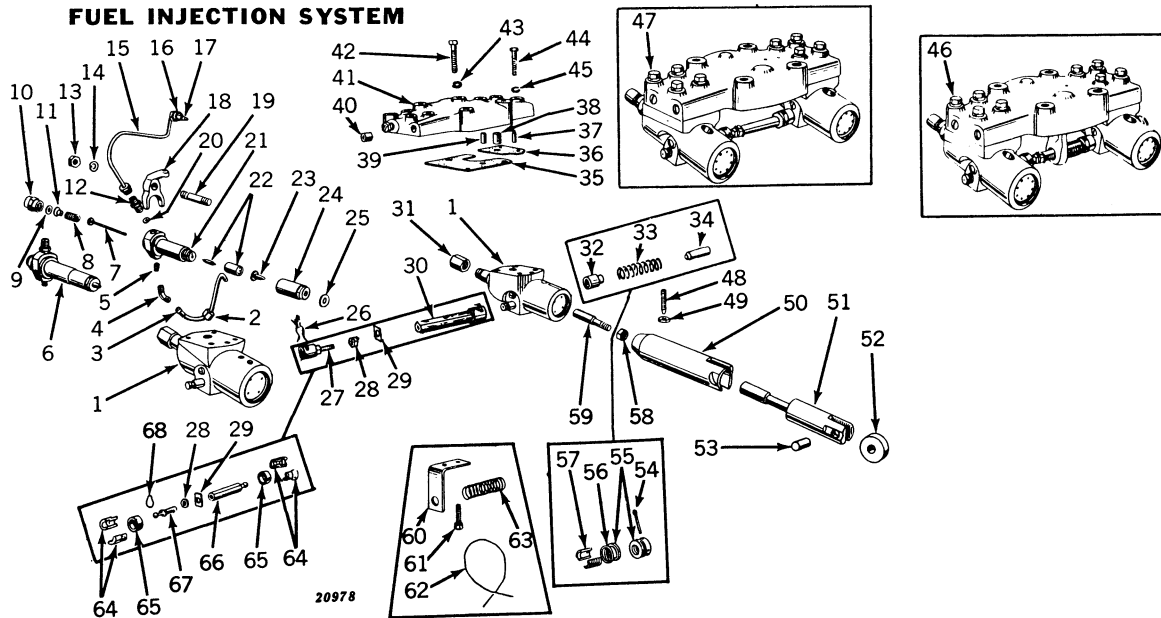
TRACTOR—MODEL "R"

FUEL TANK AND BRACKETS



Key	Part No.	Serial No.	Description
1	B 1539 R	(-)	Neck, Fuel Filler (Sub. for H458R)
2	R 1027 R	(-)	Gasket
3	AR 369 R	(-)	Cap, Fuel Tank Filler, with Gasket
4	AR 368 R	(-)	Strap, Fuel Tank (2 used)
5	R 112 R	(-)	Tube, Fuel Tank Vent
6	A 2500 R	(-)	Nut, Fuel Tank Vent Tube
7	A 2499 R	(-)	Sleeve, Fuel Tank Vent Tube
8	(A 1400 R	(-R1971	Bushing, Fuel Tank Vent Pipe
	(R 2502 R	(-R1971	Connector, Fuel Tank Vent
	(R 902 R	(R1972	Bushing, Fuel Tank Vent
9	R 111 R	(-)	Support, Fuel Tank Strap (4 used)
10	AR 365 R	(-)	Tank, Fuel
11	D 1592 R	(-)	Rivet (6 used) (Pkg. of 100)
12	F 466 R	(-)	Cushion, Fuel Tank Support (2 used)
13	.A 3068 R	(-)	Bushing, Fuel Tank Outlet
14	(A 2956 R	(-R15850	Elbow, Fuel Line to Tank (Sub. AR973R)
	(AR 973 R	(R15851-	Valve, Needle, Fuel Line to Tank
15	AR 370 R	(-)	Line, Fuel
16	AR 367 R	(-)	Support, R109R, Fuel Tank, with Cushion (2 used)
17	12H 12 R	(-)	Washer, Lock, 7/16" (4 used)
18	19H 337 N	(-)	Screw, Cap, 7/16" x 1-1/4" (4 used) (Sub. for 19H332R)
19	A 2421 R	(-)	Clip, Fuel Line to Case
20	12H 9 R	(-)	Washer, Lock, 1/4"
21	19H 13 R	(-)	Screw, Cap, 1/4" x 1/2"

FUEL INJECTION SYSTEM



Key	Part No.	Serial No.	Description
1		(-)	Pump, Injection (Not Sold)
2	A 2875 R	(-)	Nut, Injector Leak-Off Line (2 used)
3	(AR 466 R	(-)	Line, Injector Leak-Off, Right
	(AR 467 R	(-)	Line, Injector Leak-Off, Left
4	H 315 R	(-)	Elbow, Injector Leak-Off Line
5		(-)	Plug, Pipe (Used for Shipping only)
6	(AR 708 R	(-)	Nozzle, Injection (Bendix-Scintilla) (2 used) (Exchange Credit Allowable)
	(AR 844 R	(-)	Nozzle, Injection (Bosch) (2 used) (Exchange Credit Allowable)
7	R 737 R	(-)	Pin, Nozzle Pressure (Bendix-Scintilla)*
8	R 934 R	(-)	Spring, Nozzle Pressure Pin (Bendix-Scintilla)*
9	(R 1234 R	(-)	Shim, Pressure Adjusting (.004") (Bendix-Scintilla)*
	R 935 R	(-)	Shim, Pressure Adjusting (.005") (Bendix-Scintilla)*
	R 1048 R	(-)	Shim, Pressure Adjusting (.003") (Bendix-Scintilla)*
	R 936 R	(-)	Shim, Pressure Adjusting (.010") (Bendix-Scintilla)*
	R 937 R	(-)	Shim, Pressure Adjusting (.016") (Bendix-Scintilla)*
	R 938 R	(-)	Shim, Pressure Adjusting (.031") (Bendix-Scintilla)*
10	R 940 R	(-)	Cap, Spring (Bendix-Scintilla)*
11	R 939 R	(-)	Seat, Spring (Bendix-Scintilla)*
12	R 942 R	(-)	Nipple, Inlet (Bendix-Scintilla)*
13	14H 392 R	(-)	Nut (2 used) (Sub. for 14H260R)
14	12H 13 R	(-)	Washer, Lock, 1/2" (2 used)
15	(AR 464 R	(-)	Line, Fuel Injection, R.H.
	(AR 465 R	(-)	Line, Fuel Injection, L.H.
16	R 469 R	(-)	Nut, Ermeto, Fuel Injection Line (4 used)
17	R 468 R	(-)	Sleeve, Ermeto, Fuel Injection Line (4 used)
18	R 464 R	(-)	Clamp, Injection Nozzle (2 used)
19	R 465 R	(-)	Stud, Injection Nozzle to Cylinder Head (2 used)
20	R 941 R	(-)	Gasket, Inlet Nipple (Bendix-Scintilla)
21	R 931 R	(-)	Body, Nozzle Holder (Bendix-Scintilla)*
22	AR 736 R	(-)	Nozzle, Valve Assembly (Bendix-Scintilla)*
23	R 932 R	(-)	Tip, Nozzle Spray (Bendix-Scintilla)
24	R 933 R	(-)	Nut, Nozzle Spray Tip Retaining (Bendix-Scintilla)*
25	R 463 R	(-)	Washer, Injector Nozzle (2 used)
26	R 446 R	(R8400 -	Snap Ring, Injection Pump Rack Sleeve (3 used)
27	AR 916 R	(R8400 -	Screw, Adjusting, Pump Rack, with Sleeve**
28	14H 649 R	(-)	Nut, Jam, Rack Adjusting Screw** (Sub. for 14H460H)
29	R 443 R	(-)	Plate, Lock, Rack Adjusting Screw Nut**
30	AR 917 R	(R8400 -	Coupling, Injection Pump Rack, with Sleeve**
31	B 2979 R	(-)	Cap, Pump, and Nozzle Protector (Sub. for 10-39117 and R1119R)
32	F 3305 R	(R4149 -	Guide, Injection Pump Rack Spring (Sub. for R1044R)
33	F 3322 R	(R4149 -	Spring, Injection Pump Rack (Sub. for A3096R and H834R)
34	A 4879 R	(R4149 -	Pin, Dowel (Sub. for B153R)
35	R 456 R	(-)	Gasket, Injection Pump Bracket to Cylinder
36	R 437 R	(-)	Gasket, Injection Pump to Bracket (2 used)
37	R 438 R	(-)	Tube, Injection Pump Inlet (Oil) (2 used)
38	R 487 R	(-)	Tube, Injection Pump Inlet (Fuel) (2 used)
39	A 4879 R	(-)	Pin, Dowel (2 used) (Sub. for B153R)
40	R 10160 R	(-)	Plug, Pipe, Injection Pump Bracket (4 used) (Sub. for R440R and S98)
41	(AR 581 R	(-R4148	Bracket, R436R, Injection Pump, with Tubes (Sub. AR819R)
	(AR 819 R	(R4149 -	Bracket, R436R and R1043R, Injection Pump, with Tubes
42	F 2279 R	(-)	Screw, Cap, Injection Pump to Cylinder (4 used) (Sub. for 19H242R)
43	12H 11 R	(-)	Washer, Lock, 3/8" (4 used)
44	19H 1096 H	(-)	Screw, Cap, Injection Pump to Bracket (8 used) (Sub. for 19H130R)
45	12H 10 R	(-)	Washer, Lock, 5/16" (8 used)
46	AR 709 R	(-R4148	Pumps, Injection, with R436R Bracket (Sub. One AR911R or One AR912R and One AR945R)
47	(AR 806 R	(R4149-R8399	Pumps, Injection, with R436R Bracket (Bendix-Scintilla) (Sub. AR911R)
	(AR 806 R	(-R4148	Pumps, Injection, with R436R Bracket (Bendix-Scintilla) (Sub. AR911R and AR945R)
	AR 911 R	(-)	Pumps, Injection, with R436R Bracket (Bendix-Scintilla) (On R1000-R4148 also Furnish One AR945R)
	AR 845 R	(R4149-R8399	Pumps, Injection, with R436R Bracket (Bosch) (Sub. AR912R)
	AR 845 R	(-R4148	Pumps, Injection, with R436R Bracket (Bosch) (Sub. AR912R and AR945R)
	AR 912 R	(-)	Pumps, Injection, with R436R Bracket (Bosch) (On R1000-R4148 also Furnish One AR945R)

FUEL INJECTION SYSTEM—Continued

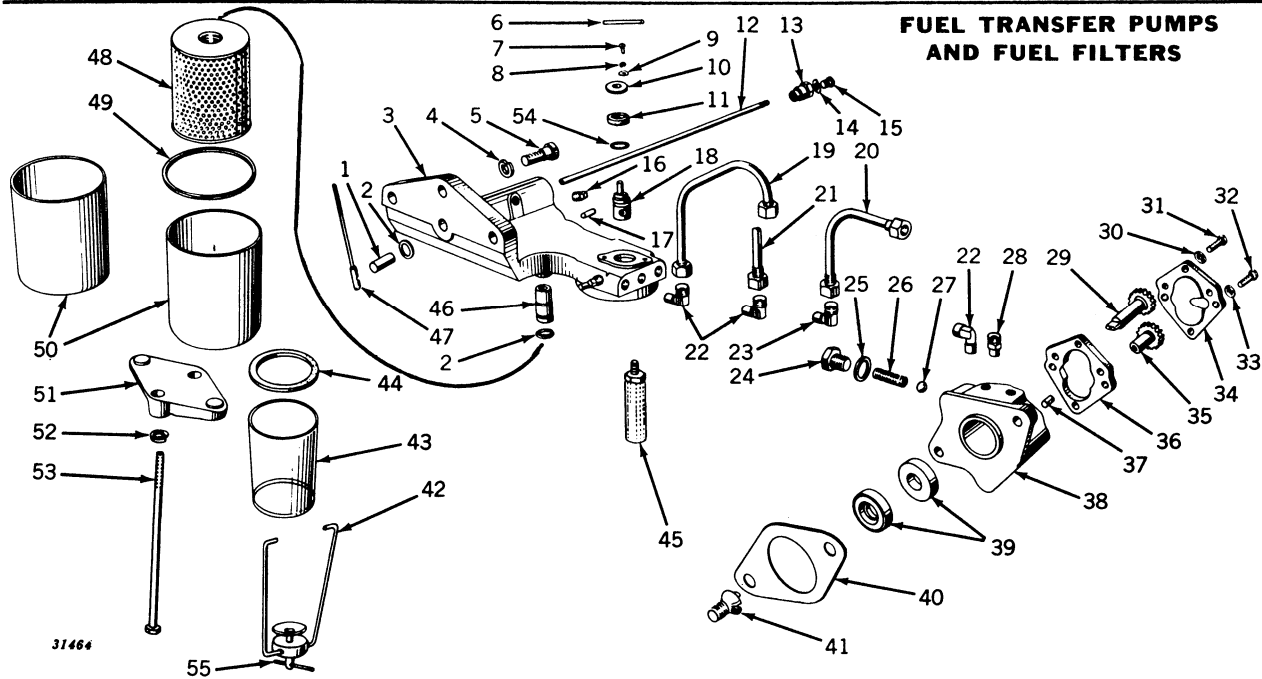
Key	Part No.	Serial No.	Description
48	R 435 R	(-)	Screw, Set, Injection Pump Cam Follower Guide (2 used)
49	14H 732 R	(-)	Nut, Follower Guide Set Screw (2 used)
50	R 433 R	(-)	Guide, Injection Pump Cam Follower (2 used)
51	AR 456 R	(-)	Follower, Injection Pump Cam, with Roller (2 used)
52	R 431 R	(-)	Roller, Injection Cam Follower (2 used)
53	R 432 R	(-)	Pin, Injection Cam Follower Roller (2 used)
54	11H 41 R	(-R4148)	Pin, Cotter, 1/8" x 1"
55	AR 461 R	(-R4148)	Nut, Injection Pump Rack Adjusting, with Spring
56	R 453 R	(-R4148)	Spring, Injection Pump Rack Adjusting
57	R 451 R	(-R4148)	Clamp, Half, Injection Pump Rack Stop
58	14H 383 R	(-R4148)	Clamp, Half, with Shoulder, Injection Pump Rack Stop
59	R 434 R	(-)	Nut (2 used)
60	R 448 R	(-R4148)	Screw, Injection Pump Adjusting (2 used)
61	C 834 R	(-R4148)	Bracket, Injection Pump Rack Spring
62	R 447 R	(-R4148)	Screw, Cap (Drilled) (2 used)
63	R 444 R	(-R4148)	Wire, 16 Gauge x 5" Long
64	R 445 R	(-R4148)	Spring, Injection Pump Rack
65	R 441 R	(-R8399)	Clamp, Half, Injection Pump Rack Coupling (6 used)
66	R 442 R	(-R8399)	Sleeve, Injection Pump Rack Clamp (3 used)
67	R 446 R	(-R8399)	Coupling, Injection Pump, Rack*
68	R 446 R	(-R8399)	Screw, Injection Pump Rack, Adjusting*
			Snap Ring, Injection Pump Rack Clamp (3 used)

Parts listed below are not illustrated:

AR 687 R	(-)	Broaches, Nozzle Cleaning (Set of 5)
AR 808 R	(-R4148)	Parts, Misc. Injection Pump Rack (For use with AR806R or AR845R) (Sub. AR945R)
AR 945 R	(-R4148)	Parts, Misc. Injection Pump Rack (For use with AR911R or AR912R)

*Special checking equipment required when these parts are serviced. For Bosch see pages 25 and 26.

**Used on R4149 and up when equipped with AR911R or AR912R.

FUEL TRANSFER PUMPS
AND FUEL FILTERS

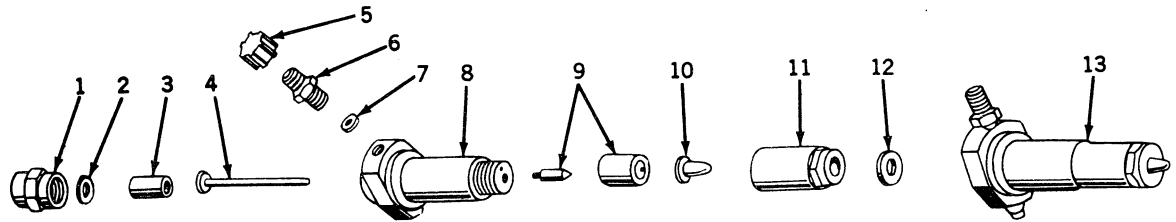
Key	Part No.	Serial No.	Description
1	R 487 R	(-)	Tube, Fuel Filter Head to Cylinder
2	R 459 R	(-)	Packing, "O" Ring (3 used) (Packed 10 in a Pkg.)
3	AR 469 R	(-R15850)	Head, R470R, Fuel Filter (Sub. one AR972R and one AR973R (On R1000-R2057 in addition, Order two 19H196H and two A3098R) (On R1000-R5697 in addition, Order one R1076R)
4	AR 972 R	(R15851 -	Head, R1197R, Fuel Filter
5	12H 13 R	(-)	Washer, Lock, 1/2" (3 used)
6	19H 1127 R	(-)	Screw, Cap, 1/2" x 1-3/8" (3 used) (Sub. for 19H1060R)
7	25H 300 R	(-R15850)	Pin, Groove, Filter Valve Handle
8	21H 1042 C	(-R15850)	Screw (2 used) (Sub. for 21H404R)
9	A 767 R	(-R15850)	Washer, Lock (2 used) (Sub. for AA5574R)
10	24H 93 E	(-R15850)	Washer (2 used)
11	24H 161 A	(-R15850)	Washer, Filter Valve
12	H 613 R	(-R15850)	Washer, Felt, Filter Valve
13	R 486 R	(-R5697)	Tube, Injection Bleed—Long
14	R 1076 R	(R5698 -	Tube, Injection Bleed—Long
15	R 476 R	(-R2057)	Bushing, Injection Pump Bleed Pipe
16	R 909 R	(R2058-R5697)	Bushing, Injection Pump Bleed
17	A 3098 R	(R2058 -	Washer, Copper, Filter Bleed Screw (3 used) (Packed 5 in a Pkg.)
18	19H 1710 T	(R2058 -	Screw, Bleed (3 used) (Sub. for 19H196H)
19	R 10160 R	(-R2057)	Plug, Bleed (3 used) (Sub. for R440R and S98)
20	15H 253 R	(-R15850)	Plug, Pipe (2 used)
21	R 472 R	(-)	Plug, Pin, Filter Bleed
22	AR 472 R	(-R15850)	Valve, Fuel Filter, with Handle
23	AR 475 R	(-)	Line, Fuel, Pump to Filter Head
24	AR 396 R	(-)	Line, Fuel, Filter to Pump
25	AR 370 R	(-)	Line, Fuel Filter to Tank
26	D 417 R	(-)	Elbow (3 used)
27	F 357 R	(-)	Elbow, Pump to Filter Line
28	R 228 R	(-)	Plug, Fuel Pump By-Pass
29	R 229 R	(-)	Washer, Fuel Pump By-Pass Plug
30	R 227 R	(-)	Spring, Fuel Pump By-Pass
31	E 405 R	(-)	Ball, Fuel Pump By-Pass
32	R 1994 R	(-)	Connector
33	R 2759 R	(-)	Gear, Fuel Pump Drive (Sub. for R225R)
34	12H 11 R	(-)	Washer, Lock, 3/8" (2 used)
35	F 2273 R	(-)	Screw, Cap (2 used) (Sub. for 19H221R and 19H1099R)
36	19H 1170 N	(-R5207)	Screw, Cap, 1/4" x 1" (Sub. for 19H27T)
37	19H 1683 T	(R5208 -	Screw, Cap, 1/4" x 1-1/4" (Sub. for 19H32T)
38	12H 9 R	(-)	Washer, Lock, 1/4" (4 used)
39	R 224 R	(-)	Cover, Fuel Pump (On R1000-R5207 also Furnish Four 19H1683T)
40	R 226 R	(-)	Gear, Fuel Pump Idler
41	R 223 R	(-)	Body, Fuel Pump
42	F 1743 R	(-)	Pin, Dowel (2 used) (Sub. for D186R)
43	AR 930 R	(-)	Housing, Fuel Pump (Sub. for R222R)
44	AR 395 R	(-)	Seal, Fuel Pump (2 used)
45	R 231 R	(-)	Gasket (Packed 5 in a Pkg.)
46	R 230 R	(-)	Plug, Fuel Pump Drive
47	AR 474 R	(-)	Bail, Fuel Filter Assembly
48	R 485 R	(-)	Plate, Fuel Filter Bail
49	AR 799 R	(-)	Bowl, Fuel Filter and R481R Gasket (Sub. for R480R)
50	AR 481 R	(-)	Gasket, Fuel Filter Bowl (Packed 5 in a Pkg.)
51	AR 473 R	(-)	Strainer, Fuel Filter
52	R 471 R	(-)	Tube, Fuel Filter Element (2 used)
53	AR 462 R	(-)	Tube, Injection Bleed, with Union—Short
54	AR 344 R	(-)	Element, Fuel Filter, with "O" Ring (2 used)
55	R 474 R	(-R3481)	Gasket, Filter Case to Filter Head, 1/8" Thick (2 used) (Packed 10 in a Pkg.)
	R 1021 R	(R3482 -	Gasket, Filter Case to Filter Head, 3/32" Thick (2 used) (Packed 10 in a Pkg.)
	R 473 R	(-)	Case, Fuel Filter (2 used)
	R 475 R	(-)	Clamp, Fuel Filter Case
	12H 12 R	(-)	Washer, Lock, 7/16" (2 used)
	8H 2376 R	(-)	Bolt, Filter Case Clamp to Filter Head (2 used)
	R 459 R	(-R15850)	Packing, "O" Ring, on Fuel Filter Valve (Packed 10 in a Pkg.)
	25H 300 R	(-)	Pin, Groove, in Filter Bail Screw

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

AR 394 R (-) Pump, Fuel, Complete with Housing, Gears, Body, Seals, Washers, Spring and Ball



AR 844 R INJECTION NOZZLE (BOSCH)

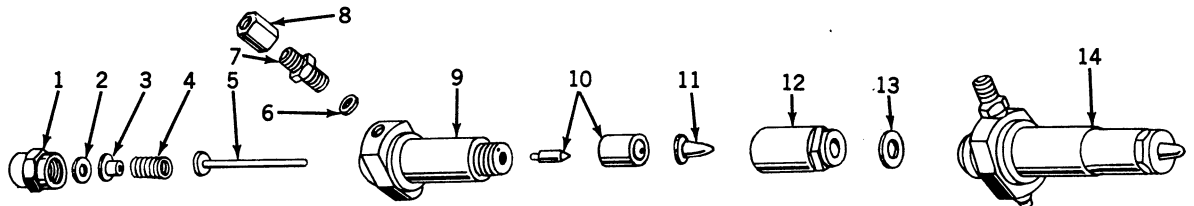


15415

Key	Part No.	Serial No.	Description
1	R 1116 R	(—)	Cap, Spring*
2	R 1109 R	(—)	Shim, Nozzle Spring, .004"
	R 1110 R	(—)	Shim, Nozzle Spring, .008"
	R 1111 R	(—)	Shim, Nozzle Spring, .020"
	R 1112 R	(—)	Shim, Nozzle Spring, .042"
	R 1113 R	(—)	Shim, Nozzle Spring, .083"
	R 1114 R	(—)	Shim, Nozzle Spring, 3.5mm.*
	R 1115 R	(—)	Shim, Nozzle Spring, .002"
3	R 1108 R	(—)	Spring, Nozzle*
4	AR 835 R	(—)	Pin, Pressure*
5	B 2979 R	(—)	Cap, Protective (Sub. for R1119R)
6	R 1106 R	(—)	Nipple, Inlet
7	R 1107 R	(—)	Gasket, Inlet Nipple
8	R 1103 R	(—)	Body, Nozzle Holder*
9	AR 834 R	(—)	Valve, Nozzle*
10	R 1104 R	(—)	Tip, Nozzle Spray
11	R 1105 R	(—)	Nut, Spray Tip Retaining
12	R 463 R	(—)	Washer, Injection Nozzle
13	AR 844 R	(—)	Nozzle, Injection, Complete (Specify Bosch)

*Special equipment required when these parts are serviced.

AR 708 R INJECTION NOZZLE (BENDIX-SCINTILLA)

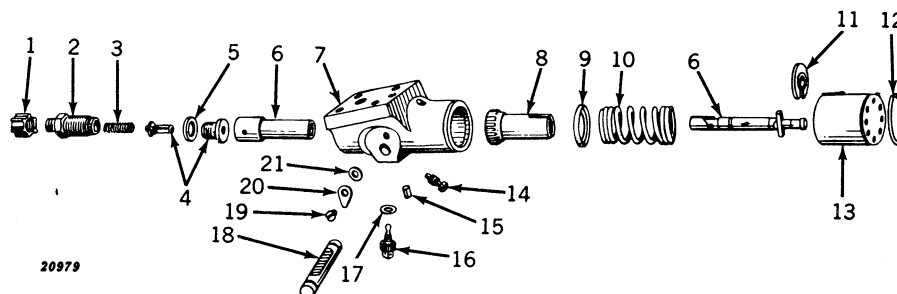


15301

Key	Part No.	Serial No.	Description
1	R 940 R	(—)	Cap, Nozzle Pressure Spring
2	R 1048 R	(—)	Shim, Pressure Adjusting (.003")*
	R 1234 R	(—)	Shim, Pressure Adjusting (.004")*
	R 935 R	(—)	Shim, Pressure Adjusting (.005")*
	R 936 R	(—)	Shim, Pressure Adjusting (.010")*
	R 937 R	(—)	Shim, Pressure Adjusting (.016")*
	R 938 R	(—)	Shim, Pressure Adjusting (.031")*
3	R 939 R	(—)	Seat, Nozzle Pressure Spring*
4	R 934 R	(—)	Spring, Nozzle Pressure
5	AR 737 R	(—)	Pin, Nozzle Pressure Spring
6	R 941 R	(—)	Gasket, Inlet Nipple
7	R 942 R	(—)	Nipple, Inlet
8	B 2979 R	(—)	Cap, Injection Pump and Nozzle Protector (Sub. for 10-39117 and R1119R)
9	R 931 R	(—)	Body, Nozzle Holder*
10	AR 736 R	(—)	Valve Assembly, Nozzle*
11	R 932 R	(—)	Tip, Nozzle Spray
12	R 933 R	(—)	Nut, Nozzle Spray Tip Retaining
13	R 463 R	(—)	Washer, Injection Nozzle (2 used) (Packed 10 in a Pkg.)
14	AR 708 R	(—)	Nozzle, Injection (Bendix-Scintilla) (2 used)

*Special equipment required when these parts are serviced.

FUEL INJECTION PUMP (BOSCH)

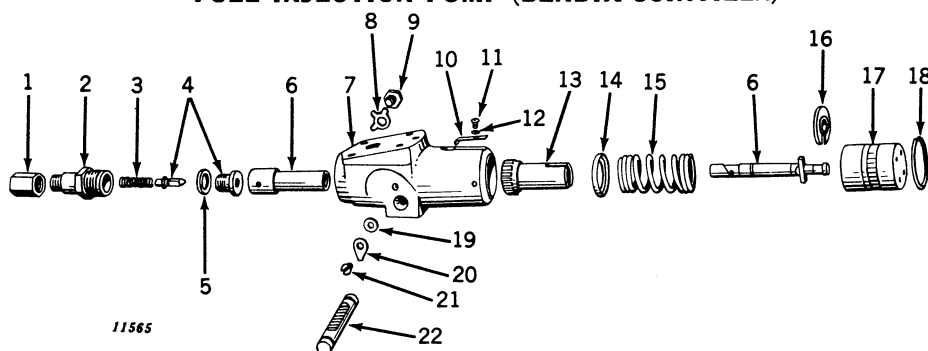


20979

Key	Part No.	Serial No.	Description
1	B 2979 R	(—)	Cap, Protector (Sub. for R1119R)
2	R 1082 R	(—)	Holder, Delivery Valve
3	R 1083 R	(—)	Spring, Delivery Valve
4	AR 833 R	(—)	Valve, Delivery
5	R 1084 R	(—)	Gasket, Delivery Valve
6	AR 832 R	(—)	Plunger and Barrel*
7	R 1081 R	(—)	Housing, Fuel Injection Pump*
8	R 1090 R	(—)	Sleeve, Control*
9	R 1091 R	(—)	Plate, Spring, Upper*
10	R 1092 R	(—)	Spring, Plunger*
11	R 1093 R	(—)	Plate, Spring, Lower*
12	R 1095 R	(—)	Snap Ring, Follower Retainer*
13	R 1094 R	(—)	Follower, Plunger*
14	R 1089 R	(—)	Screw, Special, Rack Stop*
15	R 1086 R	(—)	Plug*
16	R 1085 R	(—)	Screw, Special, Barrel Locating*
17	R 1087 R	(—)	Gasket, Barrel Stop Screw*
18	F 2259 R	(—)	Rack, Control* (Sub. for R1088R)
19	R 1102 R	(—)	Screw, Special, Indicator*
20	R 1101 R	(—)	Indicator, Control Rack*
21	(R 1096 R)	(—)	Shim, Indicator, .008**
	(R 1097 R)	(—)	Shim, Indicator, .012**
	(R 1098 R)	(—)	Shim, Indicator, .020**
	(R 1099 R)	(—)	Shim, Indicator, .065**
	(R 1100 R)	(—)	Shim, Indicator, .035**

*Special equipment required when these parts are serviced.

FUEL INJECTION PUMP (BENDIX-SCINTILLA)

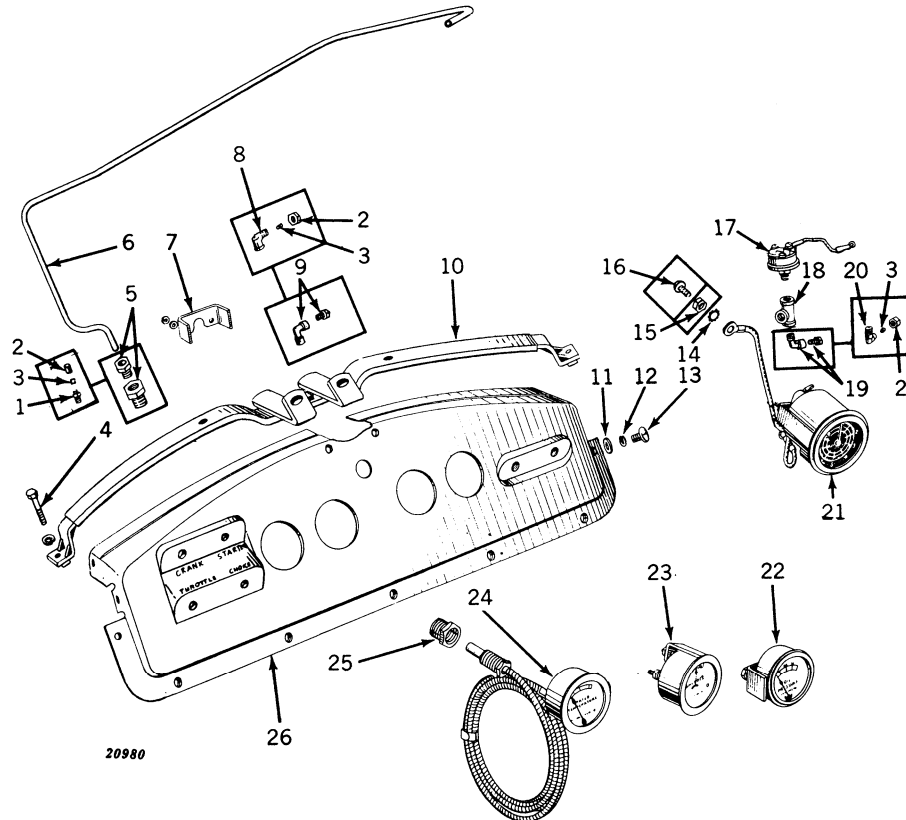


11565

Key	Part No.	Serial No.	Description
1	B 2979 R	(—)	Cap, Injection Pump and Nozzle Protector (Sub. for 10-39117 and R1119R)
2	R 930 R	(—)	Holder, Delivery Valve
3	R 929 R	(—)	Spring, Delivery Valve
4	AR 735 R	(—)	Valve, Delivery (Valve and Seat)
5	R 928 R	(—)	Gasket, Delivery Valve
6	AR 734 R	(—)	Plunger and Barrel*
7	R 910 R	(—)	Housing*
8	R 923 R	(—)	Washer, Lock, and Seal
9	R 924 R	(—)	Screw, Pressure
10	R 925 R	(—)	Indicator, Timing*
11	R 927 R	(—)	Screw, Timing, Indicator to Body*
12	R 926 R	(—)	Washer, Lock, Internal Tooth*
13	R 911 R	(—)	Sleeve, Control*
14	R 912 R	(—)	Plate, Spring, Upper*
15	R 913 R	(—)	Spring, Plunger*
16	R 914 R	(—)	Plate, Spring, Lower*
17	R 915 R	(—)	Follower, Plunger*
18	R 916 R	(—)	Snap Ring, Follower Retaining*
19	R 917 R	(—)	Shim, Steel, .005" (Indicator Screw)*
20	R 921 R	(—)	Indicator, Control Rack*
21	21H 979 R	(—)	Screw, Indicator to Body*
22	R 922 R	(—)	Rack, Control*

*Special equipment required when these parts are serviced.

INSTRUMENT PANEL AND GAUGES

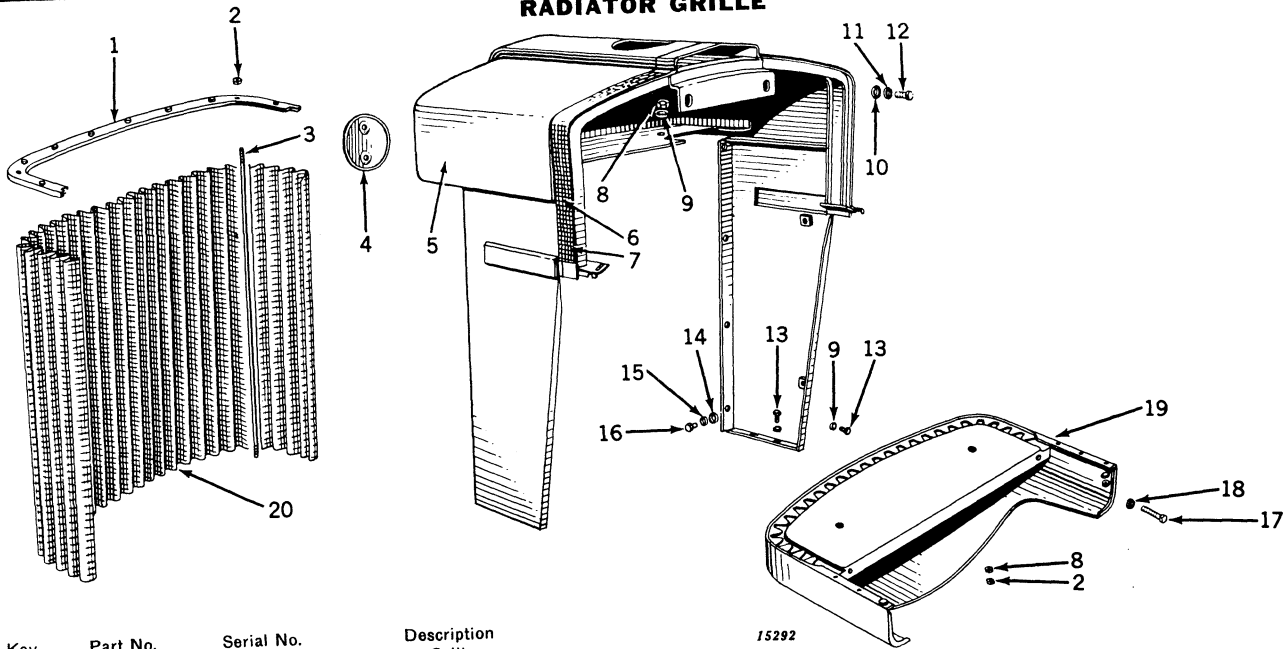


Key	Part No.	Serial No.	Description
1	R 428 R	(-R8068)	Connector
2	A 2499 R	(-R8068)	Sleeve (2 used)
3	A 2500 R	(-R8068)	Nut (2 used) (Packed 5 in a Pkg.)
4	(F 2271 R	(R4130-	Screw, Cap, 5/16" x 1-3/4" (2 used) (Sub. for 19H139R)
	12H 10 R	(R4130-	Washer, Lock, 5/16" (2 used)
5	AR 858 R	(R8069-	Connector, Special Union
6	R 427 R	(-)	Tube, Oil Pressure Gauge
7	A 1712 R	(-)	Clamp, Heat Indicator
8	A 2501 R	(-R8068)	Elbow (Used without Hour Meter Installation)
9	AA 4936 R	(R8069-	Elbow, Special Union (Used without Hour Meter installation)
10	AR 810 R	(R4130-	Reinforcement, Instrument Panel, with Clips
11	24H 39 R	(-)	Washer (7 used)
12	12H 10 R	(-)	Washer, Lock, 5/16" (9 used)
13	A 3232 R	(-)	Screw, Machine (9 used) (Sub. for R321R)
14	12H 253 R	(-)	Washer, Lock (Sub. for A3012R)
15	14H 251 R	(R7211-	Nut
16	21H 597 R	(-R7210)	Screw, Machine
17	(AR 720 R	(-R18729)	Switch, Hour Meter Pressure
	AR 1003 R	(R18730-	Relay, Voltage
	AR 1004 R	(R18730-	Lead, Wiring, with Socket, Voltage Relay to Hour Meter
	AR 1005 R	(R18730-	Lead, Wiring, Voltage Relay to Generator
	19H 13 R	(R18730-	Screw, Cap, Voltage Relay to Gen. Bracket (2 used)
18	15H 541 R	(-R18729)	Tee, Oil Pressure Gauge (Sub. for R412R) (Used with Hour Meter Installation)
19	AF 1204 R	(R8069-	Elbow, Special Union (Used with Hour Meter)
20	D 3159 R	(-R8068)	Elbow (Used with Hour Meter)
21	AR 719 R	(-R18729)	Meter, Hour* (ATTACHMENT)
	AR 589 R	(-R18729)	Meter, Hour, with Misc. Parts for Field Installation (On R1000-R8068 also furnish One D3159R Elbow)* (ATTACHMENT)
	AR 1002 R	(R18730-	Meter, Hour* (ATTACHMENT)
22	AF 2869 R	(-)	Gauge, Oil Pressure (Sub. for AR492R)
23	AF 2749 R	(-)	Ammeter, with Clamp (Sub. for AB2568R)
24	AR 490 R	(-)	Indicator, Heat (On R1000-R2203R also Furnish One A1712R)
25	A 1248 R	(-)	Bushing, Heat Indicator
26	AR 489 R	(-R4129)	Panel, Instrument (Sub. One AR809R, One AR810R and One R1134R Grommet)
	AR 809 R	(R4130-	Panel, Instrument (On R4130-R7899 also Furnish One R1134R Grommet)

*For Service, send to John W. Hobbs Corporation, Springfield, Illinois

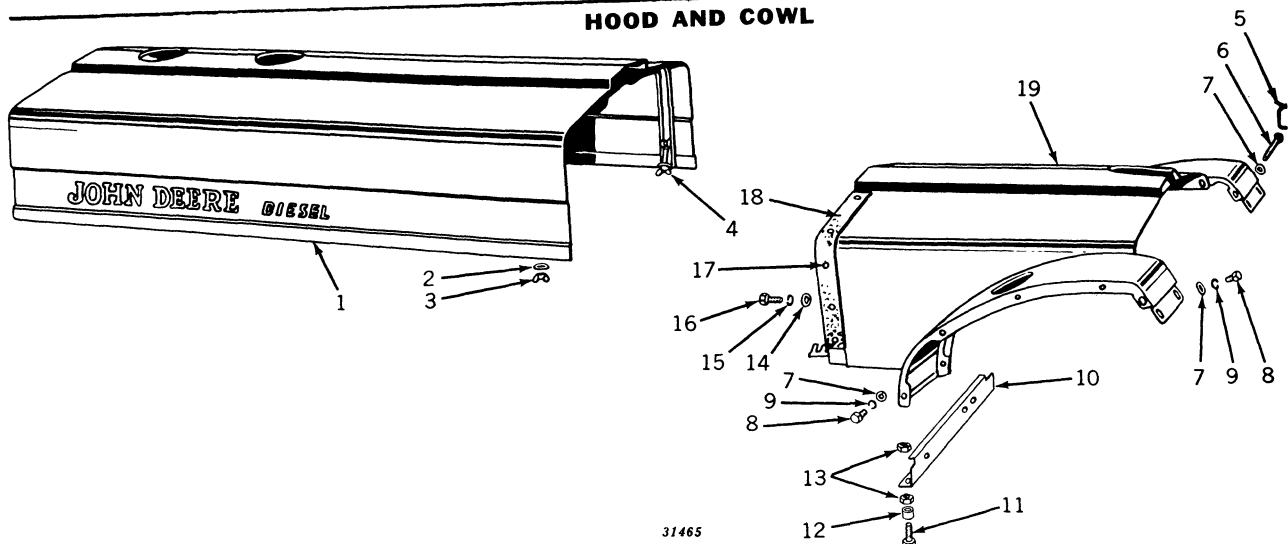
TRACTOR—MODEL "R"

RADIATOR GRILLE



Key	Part No.	Serial No.	Description
1	(AR 718 R	(	Retainer, Grille
	R 298 R	-	Spacer (8 used)
2	(14H 338 R	(R12933)	Nut, Jam, 1/4" (8 used)
	14H 611 R	(R12934)	Nut, Jam, 5/16" (8 used) (Sub. for 14H340H)
3	R 299 R	(R12933)	Rod, Grille (4 used) (Sub. One R1189R, Two 14H611R and Two 14H253R)
	R 1189 R	(R12934)	Rod, Grille (4 used)
4	(AR 642 R	(R18912)	Medallion
	AA 5383 R	(R18913)	Plate, Name, with Clips
5	AR 1045 R	(	Grille, Top and Sides, less Screen, Grille Retainer, Rods, and Grille Bottom
			(Also furnish One AR717R, One AR718R, One R293R, and Four R1189R)
			(Sub. for AR412R)
6	D 1520 R	(	Rivet, 9/64" x 5/16" (10 used) (Packed 100 in a Pkg.) (Sub. for AD1771R)
7	R 170 R	(	Cushion, Hood Side (2 used)
8	(14H 251 R	(R12933)	Nut, 1/4" (16 used)
	14H 785 R	(R12934)	Nut, 5/16" (8 used)
9	12H 9 R	(	Washer, Lock, 1/4" (22 used)
10	24H 169 R	(	Washer (2 used)
11	12H 12 R	(	Washer, Lock, 7/16" (2 used)
12	19H 1056 H	(	Screw, Cap, 7/16" x 1" (2 used) (Sub. for 19H325R)
13	19H 13 R	(	Screw, Cap, 1/4" x 1/2" (14 used)
14	24H 143 R	(	Washer (4 used)
15	12H 10 R	(	Washer, Lock, 5/16" (4 used)
16	19H 1140 N	(	Screw, Cap, 5/16" x 1/2" (4 used) (Sub. for 19H96R)
17	F 2279 R	(	Screw, Cap, 3/8" x 1-3/4" (2 used) (Sub. for 19H242R)
18	12H 11 R	(	Washer, Lock, 3/8" (2 used)
19	(AR 717 R	(	Bottom, Grille, with Spacers
	R 298 R	(	Spacer (8 used)
20	R 293 R	(	Screen, Grille

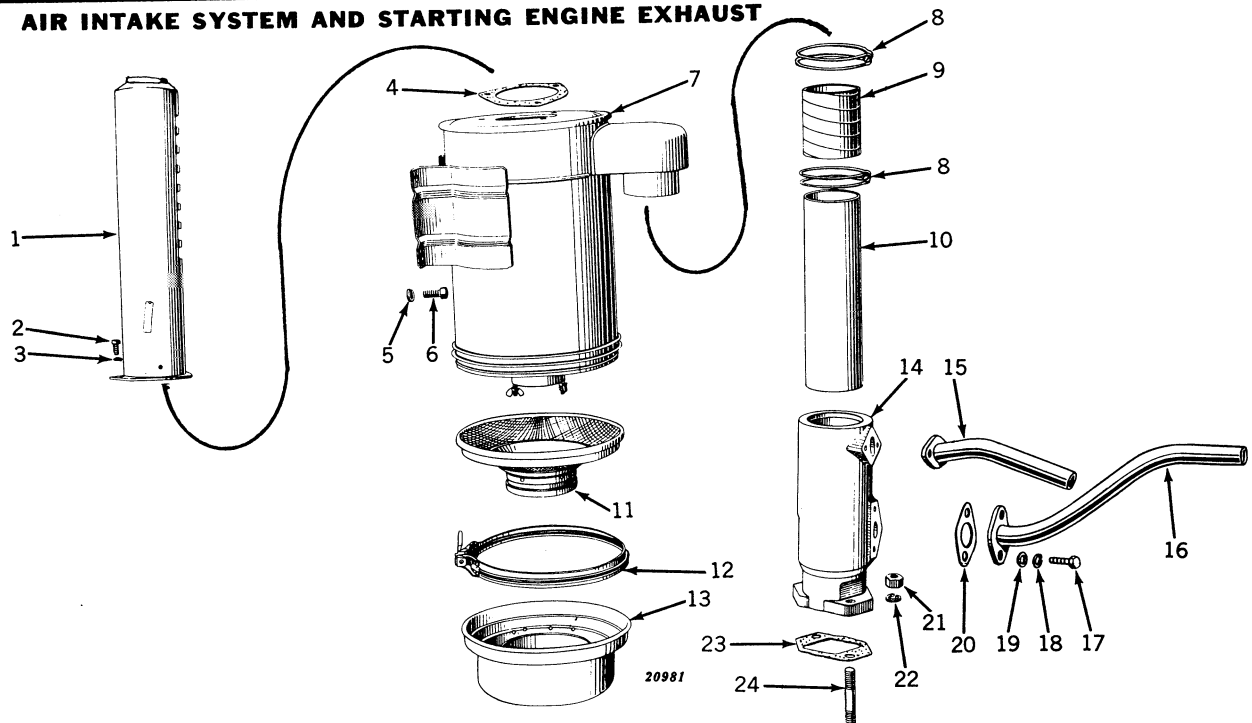
HOOD AND COWL



HOOD AND COWL—Continued

Key	Part No.	Serial No.	Description
1	AR 378 R	(—)	Hood
2	24H 846 R	(—R5529)	Washer
	24H 143 R	(R5530—)	Washer (4 used)
	R 1117 R	(—)	Clip, Hood Clamp Bolt (4 used)
3	C 1572 R	(—R5529)	Nut, Wing (4 used)
	R 1069 R	(R5530—)	Nut, Wing (4 used)
	R 1068 R	(R5530—)	Bolt, 5/16" x 3-1/16" (4 used)
4			Wire
5			Bolt, 5/16" x 8" (Drilled) (4 used)
6	R 339 R	(—)	Washer (10 used)
7	24H 143 R	(—)	Screw, Mach., (8 used) (Sub. for R321R)
8	A 3232 R	(—)	Washer, Lock, 5/16" (8 used)
9	12H 10 R	(—)	Support, Cowl Side (Sub. for R1188R)
10	R 1384 R	(R12553—)	Screw, Cap, 3/8" x 2-3/4", Special, Cowl to Cowl Side Support (2 used)
11	19H 1216 R	(R12553—)	Spacer, Cowl to Cowl Side Support Screw (2 used)
12	F 671 R	(R12553—)	Nut, 3/8", Cowl to Cowl Side Support Screw (2 used) (Sub. for 14H382T)
13	14H 255 R	(R12553—)	Washer (2 used)
14	D 2865 R	(—)	Washer, Lock, 1/2" (2 used)
15	12H 13 R	(—)	Screw, Cap, 1/2" x 1-1/4" (2 used) (Sub. for 19H448R)
16	19H 1131 N	(—)	Rivet (10 used) (Packed 100 in a Pkg.)
17	D 1520 R	(—)	Cushion, Cowl Side (2 used)
18	R 170 R	(—)	Cowl (Sub. One AR969R, Two F671R, One R1188R, Four 14H255R, Two 19H1216R)
19	AR 380 R	(—R12552)	
	AR 969 R	(R12553—)	Cowl

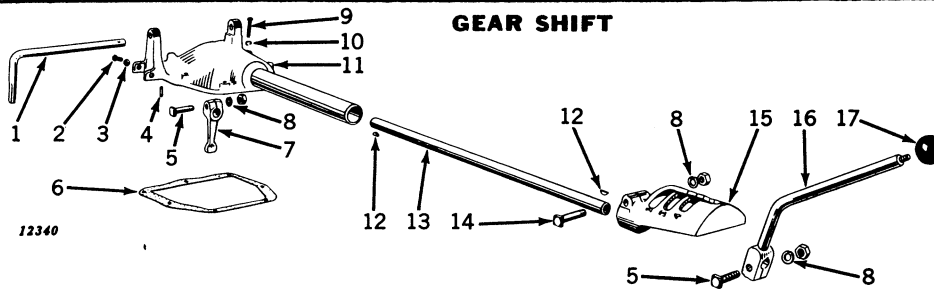
AIR INTAKE SYSTEM AND STARTING ENGINE EXHAUST



Key	Part No.	Serial No.	Description
1	AR 319 R	(—)	Pipe, Air Intake, with Flange
2	F 2272 R	(—)	Screw, Cap, 3/8" x 3/4" (3 used) (Sub. for 19H203R)
3	12H 11 R	(—)	Washer, Lock, 3/8" (3 used)
4	R 13 R	(—)	Gasket (Packed 5 in a Pkg.)
5	12H 12 R	(—)	Washer, Lock, 7/16" (4 used)
6	19H 1056 H	(—)	Screw, Cap, 7/16" x 1" (4 used) (Sub. for 19H325R)
7	AR 920 R	(—)	Air, Cleaner, Complete (Sub. for AR317R)
8	R 8 R	(—)	Clamp, Hose (2 used)
9	R 20028 R	(—)	Hose (Sub. for R7R)
10	R 4 R	(—)	Pipe, Air Intake
11	AR 577 R	(—)	Tray
12	AR 579 R	(—)	Clamp, Oil Cup
13	AR 578 R	(—)	Cup, Oil
14	AR 520 R	(—)	Exchanger, R119R, Heat
15	AR 522 R	(—)	Pipe, Upper Exhaust
16	AR 523 R	(—)	Pipe, Lower Exhaust
17	19H 1112 H	(—)	Screw, Cap 5/16" x 3/4" (4 used) (Sub. for 19H105R)
18	12H 10 R	(—)	Washer, Lock, 5/16" (4 used)
19	24H 143 R	(—)	Washer (4 used)
20	R 599 R	(—)	Gasket (2 used) (Packed 5 in a Pkg.)
21	14H 392 R	(—)	Nut, 1/2" (2 used)
22	12H 13 R	(—)	Washer, Lock, 1/2" (2 used)
23	R 6 R	(—)	Gasket (Packed 5 in a Pkg.)
24	D 488 R	(—)	Stud, 1/2" x 2" (2 used)

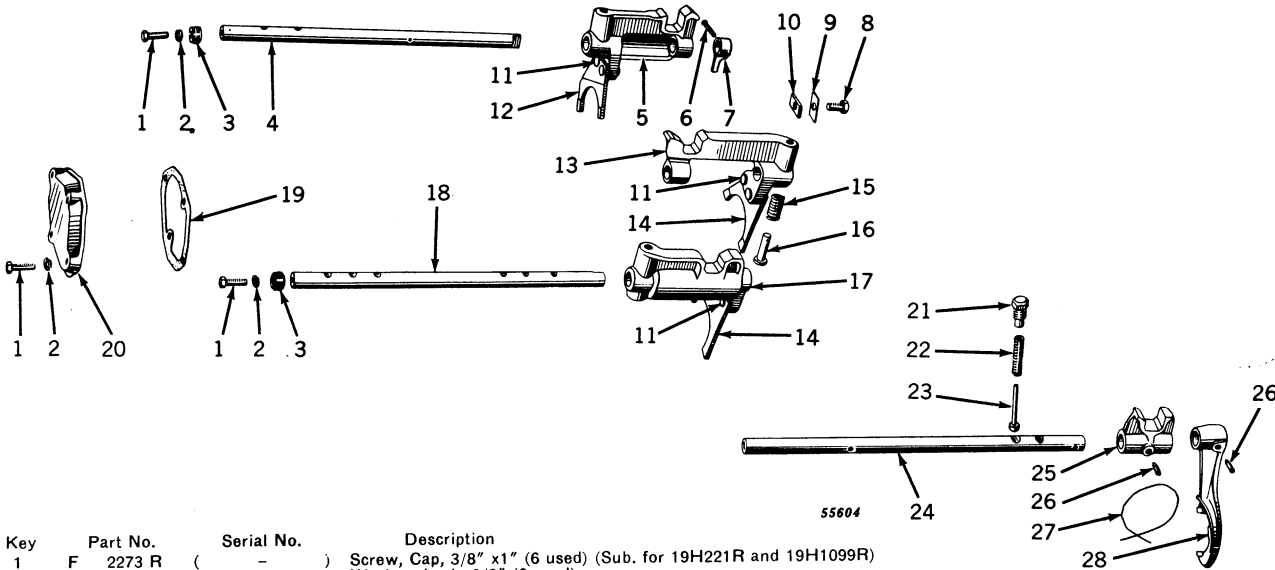
Parts for AR20137R Exhaust Silencer (Not Illustrated)

Part No.	Serial No.	Description
AR 20138 R	(—)	Silencer, Exhaust
R 25 R	(—)	Gasket, Muffler Flange (Packed 2 in a Pkg.)
R 20114 R	(—)	Support, Exhaust Silencer
14H 190 R	(—)	Nut, Support to Exhaust Outlet Screws (3 used)
19H 1116 N	(—)	Screw, Cap, Support to Exhaust Outlet (3 used)



Key	Part No.	Serial No.	Description
1	R 514 R	(-)	Shaft, Speed Control
2	F 2270 R	(-)	Screw, Cap, 5/16" x 1-1/4" (2 used) (Sub. for 19H124R)
3	14H 785 R	(-)	Nut, 5/16" (2 used)
4	A 4879 R	(-)	Pin, Dowel (Sub. for B153R)
5	19H 482 B	(-)	Screw, Cap, 1/2" x 2" (2 used) (Sub. for 7H796R)
6	R 516 R	(-)	Gasket (Packed 5 in a Pkg.)
7	R 512 R	(-)	Arm, Gear Shifter
8	12H 13 R	(-)	Washer, Lock, 1/2" (3 used)
9	F 2279 R	(-)	Screw, Cap, 3/8" x 1-3/4" (7 used) (Sub. for 19H242R)
10	12H 11 R	(-)	Washer, Lock, 3/8" (7 used)
11	AR 497 R	(-)	Cover, R508R, Transmission Case, with Tube
12	26H 14 R	(-)	Key, Woodruff (2 used)
13	R 511 R	(-)	Shaft, Gearshift Lever
14	7H 1092 R	(-)	Bolt, Mach., with Nut, 1/2" x 2-3/4" (Sub. for 7H1022R)
15	R 513 R	(-)	Quadrant, Gear Shift
	R 1196 R	(R15696)	Quadrant, Gear Shift (Part for AR970R Slow Speed Gear Assembly)
	R 1000 R	(-)	Quadrant, Gear Shift (Tractor with Steel Wheels)
16	R 510 R	(-)	Lever, Gear Shift
17	AP 17808 H	(-)	Ball, Gear Shift Lever (Sub. for R283R)
	12H 11 R	(-)	Washer, Lock, 3/8"

GEAR SHIFTER ASSEMBLY

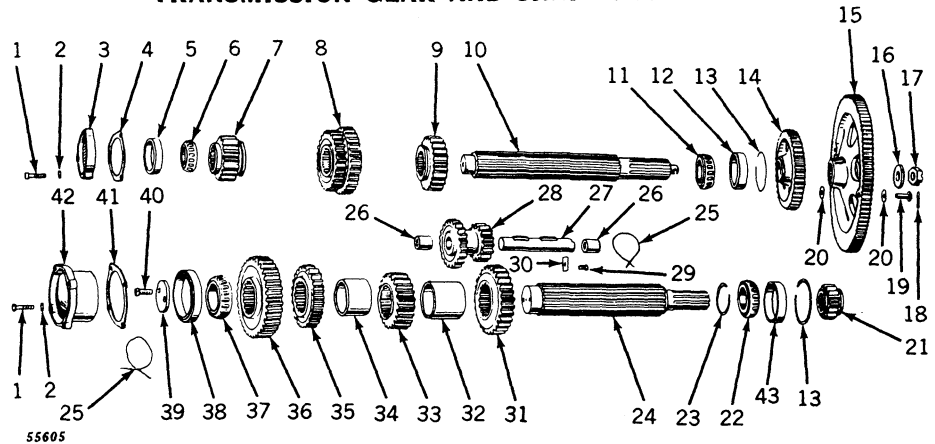


Key	Part No.	Serial No.	Description
1	F 2273 R	(-)	Screw, Cap, 3/8" x 1" (6 used) (Sub. for 19H221R and 19H1099R)
2	12H 11 R	(-)	Washer, Lock, 3/8" (6 used)
3	D 678 R	(-)	Screw, Adjusting, Shifter Shaft (2 used)
4	R 522 R	(-)	Shaft, First Speed Shifter
5	AR 498 R	(-)	Shifter, R517R, First Speed Gear
6	11H 117 R	(-)	Pin, Cotter, 1/4" x 2"
7	R 525 R	(-)	Stop, Gear Shifter
8	F 2272 R	(-)	Screw, Cap, 3/8" x 3/4" (Sub. for 19H203R)
9	H 246 R	(-)	Plate, Lock, Shifter Shaft
10	R 1441 R	(-)	Plate, Lock, Shifter Shaft (Sub. for R524R)
11	16H 1346 A	(-)	Rivet, 3/8" x 1-1/4" (6 used)
12	R 518 R	(-)	Yoke, First Speed Gear Shifter
13	AR 499 R	(-)	Shifter, R519R, Second Speed and Reverse Gear
14	R 520 R	(-)	Yoke, Second and Reverse, Third and Fourth Speed Gear Shifter (2 used)
15	B 374 R	(-)	Spring, Gear Shifter Pawl (3 used)
16	R 526 R	(-)	Pawl, Gear Shifter (3 used)
17	AR 1054 R	(-)	Shifter, R1255R and R521R, Third and Fourth Speed Gear (Sub. for AR500R)
18	R 523 R	(-)	Shaft, Second, Third and Fourth Gear Shifter
19	R 531 R	(-)	Gasket
20	R 530 R	(-)	Cover, Gear Shifter Shaft
21	F 625 R	(-)	Screw, Fifth Speed Gear Shifter Pawl Retainer
22	A 597 R	(-)	Spring, Fifth Speed Gear Shifter Pawl
23	A 598 R	(-)	Pawl, Fifth Speed Gear Shifter
24	R 528 R	(-)	Shaft, Fifth Speed Gear Shifter
25	R 1256 R	(-)	Shifter, Fifth Speed Gear (Sub. for R529R)
26	B 1914 R	(-)	Screw, Set (2 used)
27	.....	( - )	Wire, 16 Gauge x 16" (2 used)
28	R 527 R	(-)	Fork, Fifth Speed Gear Shifter



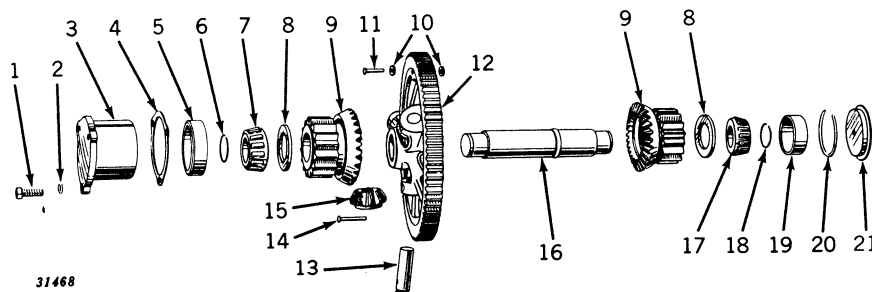
TRACTOR—MODEL "R"

TRANSMISSION GEAR AND SHAFT ASSEMBLY



Key	Part No.	Serial No.	Description
1	19H 352 T	(-)	Screw, Cap, 7/16" x 1-3/4" (7 used) (Sub. for 19H345T)
2	12H 12 R	(-)	Washer, Lock, 7/16" (7 used)
3	R 98 R	(-)	Cover, Sliding Gear Shaft Bearing, L.H.
4	R 99 R	(-)	Shim, Paper, .005" (3 used) (Packed 2 in a Pkg.)
	H 428 R	(-)	Shim, .018" (2 used)
5	JD 7430 R	(R11190)	Cup
	JD 8319 R	(R11191)	Race, Outer, Hyatt (See Sub. for JD7574R, Key 6, this page)
6	JD 8139 R	(R11190)	Cone
	JD 7574 R	(R11191)	Race and Roller Assembly Hyatt (Sub. Complete Timken Bearing, One JD7430R and One JD8139R)
7	R 95 R	(-)	Pinion, First Speed Sliding (Sub. for AR894R)
8	R 97 R	(-)	Pinion, Third and Fourth Speed Sliding
9	R 96 R	(-)	Pinion, Second Speed Sliding (Sub. for AR895R)
10	AR 363 R	(-)	Shaft, Sliding Gear, with Nut
11	JD 8140 R	(R11190)	Cone
	JD 7575 R	(R11191)	Race and Roller Assembly, Hyatt (See Sub. for JD8317R, Key 12, this Page)
12	JD 7444 R	(R11190)	Cup
	JD 8317 R	(R11191)	Race, Outer Hyatt (Sub. Complete Timken Bearing, One JD7444R and One JD8140R)
13	R 81 R	(-)	Snap Ring (2 used)
14	R 101 R	(-)	Gear, Fifth Speed Drive (Sub. for AR875R)
15	AR 874 R	(-)	Gear, Sliding Gear Shaft Drive, with Spider, R104R (On R1000-R4963—Also Furnish One AR363R) (Sub. for AR364R)
16	R 105 R	(-)	Washer
17	B 1916 R	(-)	Nut
18	11H 88 R	(-)	Pin, Cotter, 3/16" x 2" (Sub. for 11H84R)
19	16H 1137 A	(-)	Rivet, 5/16" x 1-1/2" (2 used)
20	A 127 R	(-)	Washer (4 used)
21	R 102 R	(-)	Pinion, Fifth Speed Sliding (Sub. for AR896R)
22	JD 8138 R	(R11190)	Cone
	JD 7573 R	(R11191)	Race and Roller Assembly, Hyatt (See Sub. for JD8317R, Key 43, this page)
23	R 80 R	(-)	Snap Ring
24	R 79 R	(-)	Countershaft
25	.....	( - )	Wire, 16 Gauge x 5" (2 used)
26	R 34 R	(-)	Bushing (2 used)
27	R 35 R	(-)	Shaft, Reverse
28	AR 890 R	(-)	Gear, Reverse, with Bushings (Sub. for AR333R)
29	D 916 R	(-)	Screw, 3/8" x 3/4" (Drilled)
30	H 151 R	(-)	Plate, Lock
31	R 83 R	(-)	Gear, Countershaft Second Speed (Sub. for AR871R)
32	AR 360 R	(-)	Spacer, Countershaft Second and Differential Gear
33	R 85 R	(-)	Pinion, Differential Drive (Sub. for AR893R)
34	AR 361 R	(-)	Spacer, Countershaft Third and Differential Gear
35	R 84 R	(-)	Gear, Countershaft Third Speed (Sub. for AR859R)
36	R 82 R	(-)	Gear, Countershaft First Speed (Sub. for AR870R)
37	JD 8130 R	(R11190)	Cone
	JD 7572 R	(R11191)	Race and Roller Assembly Hyatt (See Sub. for JD8318R, Key 38, this page)
38	JD 7446 R	(R11190)	Cup
	JD 8318 R	(R11191)	Race, Outer, Hyatt (Sub. Complete Timken Bearing, One JD7446R and One JD8130R)
39	R 88 R	(-)	Plate, Countershaft Left Bearing Retaining
40	C 1096 R	(-)	Screw, Cap, 1/2" x 1-1/4" (Drilled) (2 used)
41	(R 90 R	(-)	Shim, Paper, .005" (3 used) (Packed 5 in a Pkg.)
	(R 92 R	(-)	Shim, Steel, .018"
42	(R 89 R	(-)	Cover, Countershaft Bearing, L.H.
	(R 2662 R	(-)	Shim, Steel, .025" (Packed 2 in a Pkg.)
43	JD 7444 R	(R11190)	Cup
	JD 8317 R	(R11191)	Race, Outer, Hyatt (Sub. Complete Timken Bearing, One JD7444R and One JD8138R)

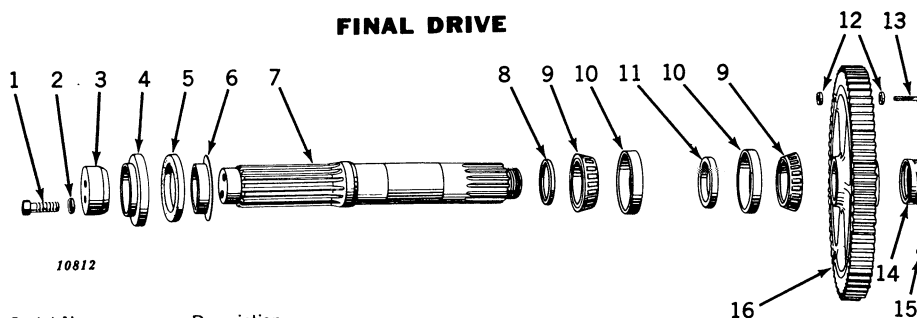
DIFFERENTIAL



31468

Key	Part No.	Serial No.	Description
1	19H 1356 R	(-)	Screw, Cap, 5/8" x 1-3/4" (3 used)
2	12H 15 R	(-)	Washer, Lock, 5/8" (3 used)
3	R 78 R	(-)	Housing, Differential Bearing, L.H., without Cup
4	F 171 R	(-)	Shim, Steel, .018" (2 used)
	F 173 R	(-)	Shim, Paper, .005" (3 used) (Packed 5 in a Pkg.)
5	JD 8201 R	(R11190)	Cup, Bearing
	JD 8317 R	(R11191)	Race, Outer, Hyatt (See Sub. for JD7571R, Key 7, this page)
6	R 75 R	(-)	Snap Ring, .114"-.125" Thick (Sub. for R73R)
7	JD 8137 R	(R11190)	Cone, Bearing
	JD 7571 R	(R11191)	Race and Roller Assembly, Inner, Hyatt (Sub. Complete Timken Bearing, One JD8137R and One JD8201R)
8	R 68 R	(-)	Washer, Thrust (2 used)
9	R 65 R	(R7405)	Gear, Differential Bevel and Spur Pinion (2 used) (Sub. for AR872R)
	R 2567 R	(R7406)	Gear, Differential Bevel and Spur Pinion (2 used) (Sub. for AR873R and R1147R)
10	A 127 R	(-)	Washer (6 used)
11	16H 1148 A	(-)	Rivet, 5/16" x 1-3/4" (3 used)
12	AR 800 R	(-)	Gear, Differential Drive, with Spider, R63R (Sub. for AR356R)
13	R 1912 R	(-)	Shaft, Differential Bevel Pinion (3 used) (Sub. for R67R and AR910R)
14	16H 1422 H	(-)	Rivet, 3/8" x 3" (3 used)
15	R 66 R	(-)	Pinion, Differential Bevel (3 used) (Sub. for AR892R)
16	R 64 R	(R7405)	Shaft, Differential
	R 1146 R	(R7406)	Shaft, Differential
17	JD 8136 R	(R11190)	Cone, Bearing
	JD 7570 R	(R11191)	Race and Roller Assembly, Inner, Hyatt (See Sub. for JD8316R, Key 19, this page)
18	R 71 R	(-)	Snap Ring, .114"-.125" Thick (Sub. for R69R)
19	JD 8200 R	(R11190)	Cup, Bearing
	JD 8316 R	(R11191)	Race, Outer, Hyatt (Sub. Complete Timken Bearing, One JD8136R and One JD8200R)
20	C 1919 R	(-)	Snap Ring
21	R 77 R	(-)	Cover, Differential Bearing, R.H.

FINAL DRIVE

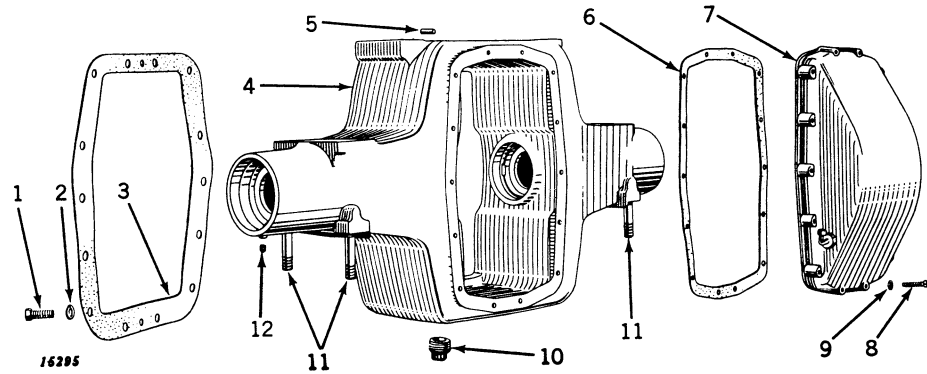


10812

Key	Part No.	Serial No.	Description
1	19H 1391 R	(-)	Screw, Cap, 3/4" x 2-1/4" (4 used) (Sub. for 19H786R)
	R 1168 R	(-)	Screw, Cap, Special, 3/4" x 2-1/4" (2 used) (Use on Rice Field Tractors only)
	JD 7759	(-)	Fitting, Grease, in R1168R Cap Screw (2 used) (Use on Rice Field Tractors only)
2	12H 17 R	(-)	Washer, Lock, 3/4" (4 used)
3	R 14 R	(-)	Plate, Retaining (2 used)
4	F 786 R	(-)	Retainer, Rear Axle Felt, Outer (2 used)
5	D 2455 R	(-)	Washer Felt (2 used) (Sub. for AD1275R)
6	F 787 R	(-)	Retainer, Felt, Inner (2 used)
7	AR 961 R	(-)	Shaft, with Nut (2 used) (Sub. for AR330R)
8	R 28 R	(-)	Spacer, Bearing (2 used) (Sub. for AR863R)
9	JD 8112 R	(-)	Cone (4 used)
10	JD 7448 R	(-)	Cup (4 used)
11	AF 316 R	(-)	Seal, Oil (2 used) (Sub. for AF342R)
12	R 31 R	(-)	Washer (12 used)
13	16H 1168 A	(-)	Rivet, 5/16" x 2-1/4" (6 used)
14	R 27 R	(-)	Nut, Rear Axle (2 used)
15	11H 126 R	(-)	Pin, Cotter, 1/4" x 3-1/2" (2 used)
16	AR 818 R	(-)	Gear, Final Drive, with Spider, R30R (2 used) (Sub. One AR1549R and One R2545R)

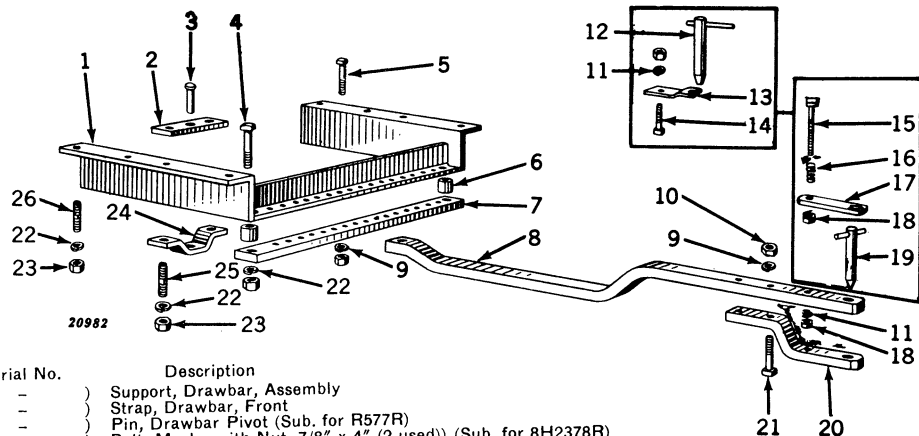


REAR AXLE HOUSING ASSEMBLY



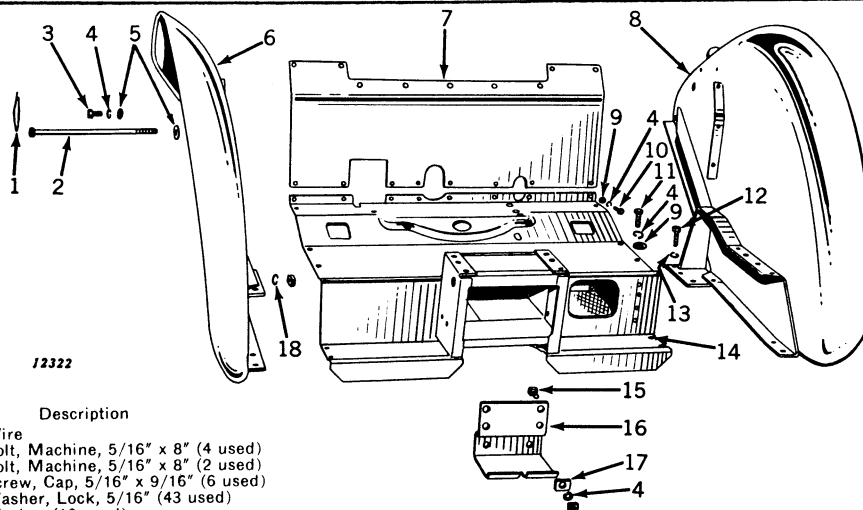
Key	Part No.	Serial No.	Description
1	19H 1356 R	(-)	Screw, Cap, 5/8" x 1-3/4" (14 used)
2	12H 15 R	(-)	Washer, Lock, 5/8" (14 used)
3	R 32 R	(-)	Gasket (Packed 5 in a Pkg.)
4	AR 572 R	(-)	Housing, R23R, Rear Axle
5	C 1220 R	(-)	Pin, Dowel (2 used)
6	R 301 R	(-)	Gasket (Packed 5 in a Pkg.)
7	R 300 R	(-)	Cover, Rear Axle Housing
8	19H 255 N	(-)	Screw, Cap, 3/8" x 2" (14 used) (Sub. for 19H256R)
9	12H 11 R	(-)	Washer, Lock, 3/8" (14 used)
10	15H 280 R	(-)	Plug, Pipe
11	A 2158 R	(-)	Stud, 7/8" x 3-1/8" (4 used)
12	15H 254 R	(-)	Plug, Pipe (2 used)

DRAWBAR



Key	Part No.	Serial No.	Description
1	AR 516 R	(-)	Support, Drawbar, Assembly
2	R 578 R	(-)	Strap, Drawbar, Front
3	F 3380 R	(-)	Pin, Drawbar Pivot (Sub. for R577R)
4	8H 1721 R	(-)	Bolt, Mach., with Nut, 7/8" x 4" (2 used) (Sub. for 8H2378R)
5	8H 1436 R	(-)	Bolt, Mach., with Nut, 3/4" x 3-3/4" (2 used) (Sub. for 8H1438R)
6	R 581 R	(-)	Spacer (2 used)
7	R 575 R	(-)	Support, Drawbar Rear, Bottom
8	R 571 R	(-)	Drawbar
9	12H 17 R	(-)	Washer, Lock, 3/4" (4 used)
10	14H 404 R	(-)	Nut, Hex., 3/4" (2 used)
11	12H 15 R	(-)	Washer, Lock, 5/8"
12	AR 937 R	(-R9704)	Pin, Drawbar, with Lever (Sub. for AR517R)
13	R 582 R	(-R9704)	Retainer, Drawbar Pin (Sub. One AR937R, One D377R, and One R1160R)
14	8H 988 T	(-R9704)	Bolt, Mach., with Nut, 5/8" x 2-1/2" (Sub. for 8H989R)
15	R 21028 R	R9705-	Bolt (Sub. for 8H3352R)
16	C 784 R	R9705-	Spring (Sub. for D377R)
17	R 1160 R	R9705-	Retainer, Drawbar Pin
18	14H 480 R	R9705-	Nut, Jam (2 used) (Sub. for 14H352R)
19	AR 937 R	R9705-	Pin, Drawbar, with Handle
20	R 576 R	(-)	Strap, Hammer
21	19H 1455 R	(-)	Screw, Cap, 3/4" x 3-3/4" (2 used) (Sub. for 8H1410R)
22	12H 19 R	(-)	Washer, Lock, 7/8" (8 used)
23	14H 408 R	(-)	Nut, Hex., 7/8" (6 used) (Sub. for 14H270R)
24	R 579 R	(-)	Support, Drawbar, Front
25	R 2519 R	(-)	Stud, 7/8" x 3-11/16" (2 used) (Sub. for R580R)
26	A 2158 R	(-)	Stud, 7/8" x 3-1/8" (4 used)

FENDERS AND PLATFORM



12322

Key	Part No.	Serial No.	Description
1	(R 339 R	(-R4129)	Wire
2	(R 339 R	(R4130)	Bolt, Machine, 5/16" x 8" (4 used)
3	19H 99 R	(-)	Bolt, Machine, 5/16" x 8" (2 used)
4	12H 10 R	(-)	Screw, Cap, 5/16" x 9/16" (6 used)
5	24H 143 R	(-)	Washer, Lock, 5/16" (43 used)
6	AR 421 R	(-)	Washer (10 used)
7	AR 436 R	(-)	Fender, L.H.
8	AR 420 R	(-)	Dash
9	24H 39 R	(-)	Fender, R.H.
10	A 3232 R	(-)	Washer (31 used)
11	H 1085 R	(-)	Screw, Mach. (23 used) (Sub. for R321R)
12	19H 1335 R	(-)	Screw, Mach. (10 used) (Sub. for R404R)
13	12H 15 R	(-)	Screw, Cap, 5/8" x 1-1/2" (8 used) (Sub. for 19H664R)
14	AR 1564 R	(-)	Washer, Lock, 5/8" (8 used)
15	19H 1118 N	(-)	Platform (Sub. for AR435R)
16	R 775 R	(-)	Cap, Screw, 5/16" x 7/8" (2 used) (Sub. for 7H162R)
17	B 549 R	(-)	Plate, Universal Pivot
18	12H 9 R	(-)	Spacer (2 used)
19	AR 1217 R	(-)	Washer, Lock, 1/4" (3 used)
20	13H 193 R	(-)	Shield, Mud (Cane and Rice Equipment) (Sub. for AR470R)
			Bolt, Stove, with Nut (3 used) (Sub. One 21H605R and One 14H251R)

Parts listed below are not illustrated:

16H 648 R	(R5932 -)	Rivet, Brake Latch Stop to Platform (4 used)
R 1455 R	(R5932 -)	Stop, Brake Latch (2 used) (Sub. for R1075R)
R 1163 R	(R9110 -)	Bracket, Platform Reinforcement
R 1191 R	(R13653-)	Plate, Lock, Platform Step Riser to Cylinder Support

Parts listed below are parts for AR981R Fender Extension Assembly and are not illustrated:

12H 10 R	(-)	Washer, Lock, 5/16", on Extension Clamp Screws (4 used)
12H 10 R	(-)	Washer, Lock, 5/16", Extension Bracket to Fender Screw (4 used)
12H 11 R	(-)	Washer, Lock, 3/8", Extension Support to Fender Screw (12 used)
12H 11 R	(-)	Washer, Lock, 3/8", Extension to Extension Support Screw (8 used)
14H 255 R	(-)	Nut, 3/8", on Extension Support to Fender Screw (12 used)
14H 255 R	(-)	Nut, 3/8", on Extension to Extension Support Screw (8 used)
19H 1112 H	(-)	Screw, Cap, 5/16" x 3/4", Extension Clamp (4 used)
19H 1112 H	(-)	Screw, Cap, 5/16" x 3/4", Extension Bracket to Fender (4 used)
19H 218 D	(-)	Screw, Cap, 3/8" x 1", Extension Support to Fender (8 used) (Sub. for 19H211R)
19H 218 D	(-)	Screw, Cap, 3/8" x 1", Extension to Extension Support (8 used) (Sub. for 19H211R)
19H 1116 N	(-)	Screw, Cap, 3/8" x 1-1/2", Extension Support to Fender (4 used) (Sub. for 19H230H)
AA 4573 R	(-)	Clamp, Fender Extension, with Nuts (2 used)
AR 982 R	(-)	Extension, Fender (2 used)
B 2167 R	(-)	Spacer, Fender Extension Support to Fender (4 used)
R 1205 R	(-)	Support, Fender Extension (4 used)
24H 39 R	(-)	Washer, on Extension Clamp Screw (4 used)
24H 39 R	(-)	Washer, on Extension Bracket to Fender Screw (4 used)
24H 154 R	(-)	Washer, on Extension Support to Fender Screw (24 used)
24H 154 R	(-)	Washer, on Extension to Extension Support Screw (16 used)

Parts listed below are not illustrated:

TRACTOR CAB

Replacement Parts for AR985R and AR986R Tractor Cab Frame and Top

AR 1017 R	(-)	Weatherstrip, Cab Windshield Rubber (2 used)
AR 1018 R	(-)	Channels, Cab Side Glass (2 used)
R 1226 R	(-)	Glass, Cab Windshield, R.H. or L.H.
R 1227 R	(-)	Glass, Cab Side, Front, R.H. or L.H.
R 1228 R	(-)	Glass, Cab Side, Rear, R.H. or L.H.
R 1921 R	(-)	Weatherstrip, Cab to Cowl Rubber (Sub. for R1229R)
AR 1028 R	(-)	Hinge, Side Window, and Bracket, Cab Serial No. 1-2315

Replacement Parts for AR1030R and AR1031R Tractor Cab Frame and Top

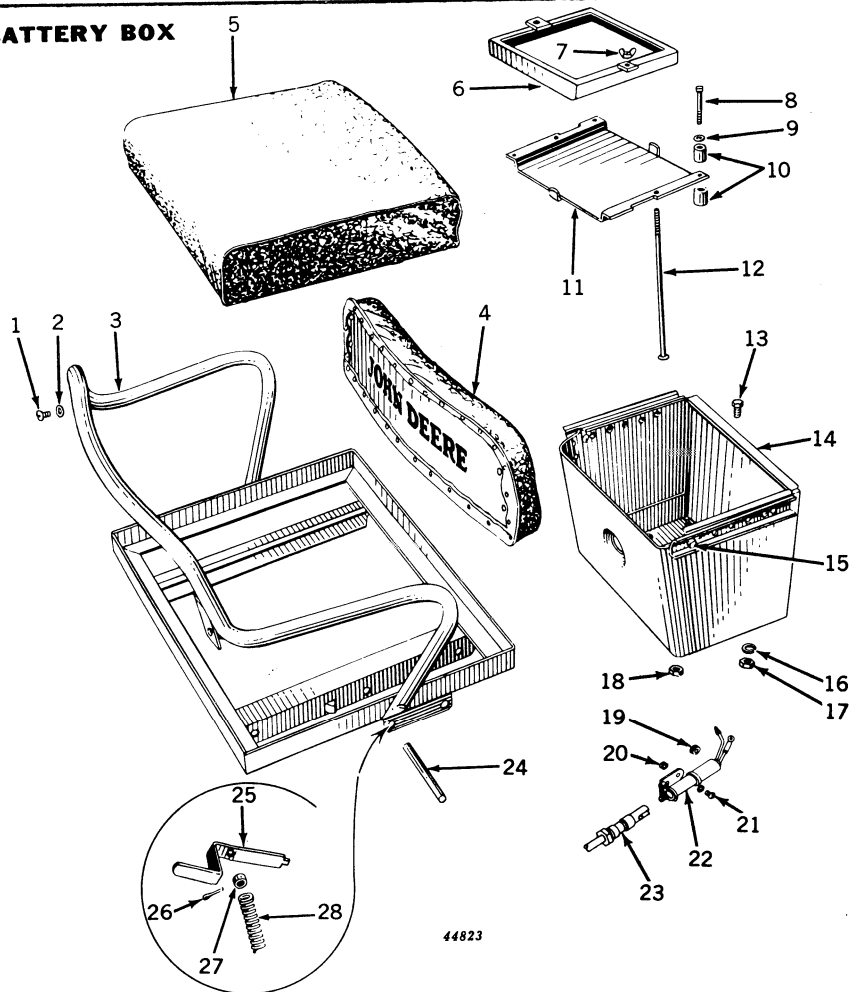
R 1226 R	(-)	Glass, Cab, Windshield (2 used)
R 1229 R	(-)	Weatherstrip, Cab to Cowl (Rubber)
R 1251 R	(-)	Glass, Cab Side (2 used)
AR 1017 R	(-)	Weatherstrip, Cab Windshield (Rubber) (2 used)

Replacement Parts for AR1473R and AR1474R Tractor Cab Frame and Top (Sub. for AR1030R and AR1031R)
(Cab Serial No. 5148-)

AR 997 R	(-)	Curtain, Tractor Cab (ATTACHMENT)
AR 1017 R	(-)	Weatherstrip, Cab Windshield (Rubber) (2 used)
AR 1473 R	(-)	Frame, Tractor Cab (ATTACHMENT) (Sub. for AR1030R)
AR 1474 R	(-)	Top, Tractor Cab (ATTACHMENT) (Sub. for AR1031R)
R 1226 R	(-)	Glass, Cab Windshield (2 used)
R 1251 R	(-)	Glass, Cab Side (2 used)
R 1921 R	(-)	Weatherstrip, Cab to Cowl (Rubber) (Sub. for R1229R)



SEAT AND BATTERY BOX



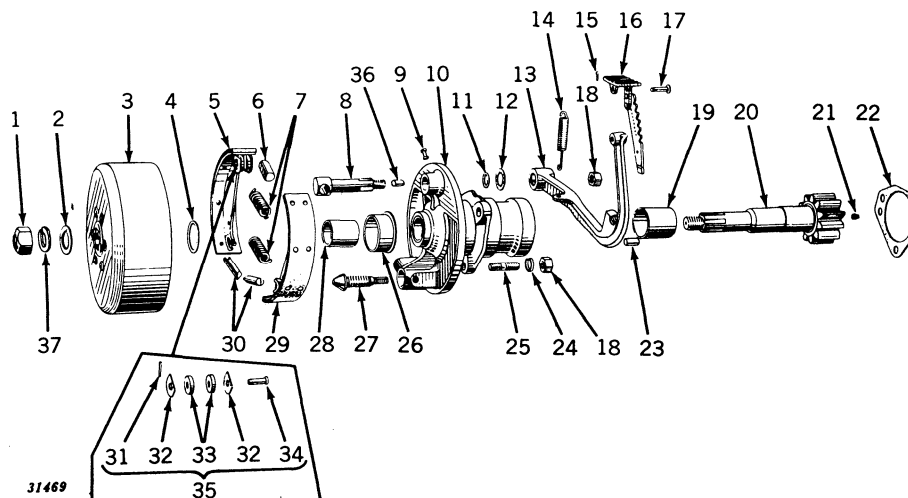
44823

Key	Part No.	Serial No.	Description
1	A 4192 R	()	Screw, Hex. Head Mach., 1/4" x 5/8"
2	12H 253 R	()	Washer, Lock (4 used) (Sub. for A3012R)
3	AB 3930 R	()	Frame, Seat (On R1000-R1134 also Order One B2669R)
4	AB 3624 R	()	Cushion, Seat Back
5	AA 4847 R	()	Cushion, Seat (Foam Rubber) (ATTACHMENT)
	AB 4035 R	()	Cushion, Seat (Sub. for AB3622R)
6	AB 3586 R	()	Clamp, Battery
7	C 1572 R	()	Nut, Wing (2 used)
8	19H 1050 R	(R17883-)	Screw, Cap, 3/8" x 2-1/2" (4 used)
	19H 218 D	(R17883-)	Screw, Cap, 3/8" x 1" (4 used) (Sub. for 19H211R)
9	24H 156 R	(R17882-)	Washer (4 used)
10	B 2562 R	(R17882-)	Cushion, Battery Base (8 used)
11	AR 1326 R	()	Base, Battery (Sub. for AB3585R)
12	B 2566 R	()	Bolt, Carriage, 1/4" x 8-1/2"
13	19H 1131 N	()	Screw, Cap, 1/2" x 1-1/4" (4 used) (Sub. for 19H448R)
14	AB 4101 R	()	Box, Battery, with Nut and Screw (Sub. for AB3593R)
15	B 2579 R	()	Pin, Seat Carriage Stop (2 used) (Sub. F2272R)
16	12H 13 R	()	Washer, Lock, 1/2" (4 used)
17	14H 392 R	()	Nut, 1/2" (4 used)
18	14H 732 R	()	Nut, Jam, 3/8" (4 used)
19	R 2579 R	()	Grommet (Packed 5 in a Pkg.) (Sub. for B1580R)
20	14H 606 R	()	Nut (2 used)
21	21H 1042 C	()	Screw, Mach. (2 used) (Sub. for 21H404R)
	12H 251 R	()	Washer, Lock (2 used) (Sub. for A3010R)
22	AM 2049 T	()	Socket, Electrical Outlet
23	AA 5651 R	()	Plug, Electrical Outlet, with Cable (ATTACHMENT)
	AA 5692 R	()	Plug, Electrical Outlet, less Cable
24	B 2670 R	()	Pin, Seat Adjusting
25	B 2669 R	()	Lever, Seat Adjusting
26	11H 41 R	()	Pin, Cotter, 1/8" x 1"
27	B 2671 R	()	Spacer
28	B 2672 R	()	Spring

Parts listed below are not illustrated:

AB 3984 R	()	Cover, Seat (White Canvas) (Special Equipment)
AA 4932 R	()	Cover 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	()	Cover Kit, Seat Cushion Parts (Consisting of Cover Assembly, Molded Foam Rubber Topper, Corner Brackets and Nails for Attaching Corner Brackets for AB3622R and AB4035R Seat Cushions)

BRAKES

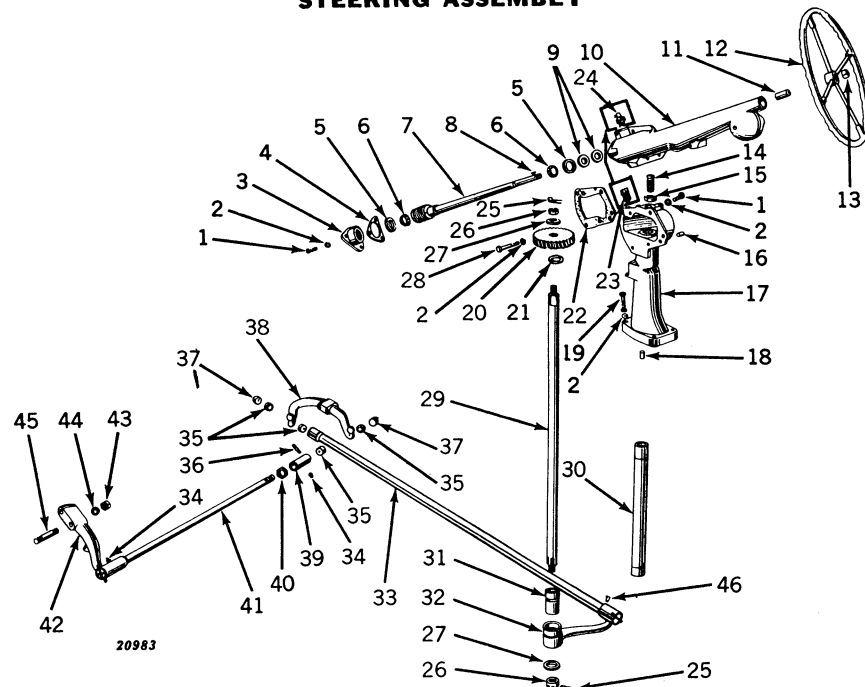


Key	Part No.	Serial No.	Description
1	14H 655 R	()	Nut, Grip, 1"
2	D 136 R	()	Washer
3	(AR 482 R	()	Drum, Brake, with Hub
	F 154 R	()	Guard, Dust, Outer
	16H 1346 A	()	Rivet (6 used)
4	24H 77 R	()	Washer, Brake Shaft Thrust (2 used)
5	AR 483 R	()	Shoe, Brake (2 used)
6	A 321 R	()	Cam
7	A 348 R	()	Spring (2 used)
8	A 152 R	()	Shaft, Lever
9	AA 811 R	()	Cup, Oiler
10	(AR 1114 R	()	Housing, R488R or R1314R, Brake, with Bushing, R.H. (Sub. for AR478R)
	(AR 1115 R	()	Housing, R489R or R1315R, Brake, with Bushing, L.H. (Sub. for AR479R)
11	R 495 R	()	Packing, "O" Ring, Brake Shaft Lever
12	24H 56 H	()	Washer, Brake Lever Shaft (2 used)
13	(R 2575 R	()	Lever, Brake, R.H. (Sub. for R496R)
	(R 2576 R	()	Lever, Brake, L.H. (Sub. for R497R)
14	H 449 R	()	Spring, Brake Lever
15	11H 22 R	()	Pin, Cotter, 3/32" x 1" (Sub. for 11H18R)
16	(AR 1866 R	()	Pedal, Brake, R.H. (Sub. for AR575R)
	(AR 1117 R	()	Pedal, Brake, L.H. (Sub. for AR576R)
17	A 986 R	()	Rivet (Drilled)
18	14H 800 R	()	Nut, Brake Lever Shaft (4 used) (Sub. for 14H264R)
19	F 152 R	()	Bushing, Inner
20	AR 486 R	()	Shaft, Brake, with Nut
21	15H 253 R	()	Plug, Pipe
22	R 498 R	()	Gasket
23	A 120 R	()	Pin, Dowel
24	12H 15 R	()	Washer, Lock, 5/8"
25	A 5292 R	()	Stud, Brake Housing to Case (3 used) (Sub. for A284R)
26	A 510 R	()	Guard, Dust, Inner
27	A 151 R	()	Screw, Adjusting
28	A 1163 R	()	Bushing, Outer
29	AR 604 R	()	Facing, Brake, with Rivets
30	A 134 R	()	Pin, Brake Adjusting (2 used)
31	11H 41 R	()	Pin, Cotter, 1/8" x 1" (2 used) (Sub. for 11H38R)
32	A 2299 R	()	Washer, Brake Shoe Roller (4 used)
33	A 149 R	()	Roller, Brake Shoe (4 used) (Sub. AA4837R)
34	C 1067 R	()	Pin, Headed, Brake Shoe Roller (2 used)
35	AA 4837 R	()	Rollers, Brake Shoe, with Washers and Pins (2 used) (Sub. for AA2124R)
36	(R 490 R	(R1907)	Pin, Dowel, Brake Cam Stop
	(H 826 R	(R1908)	Pin, Dowel, Brake Cam Stop
37	12H 21 R	()	Washer, Lock, 1"

Parts for tractors equipped with Special Rice Field Brakes (not illustrated):

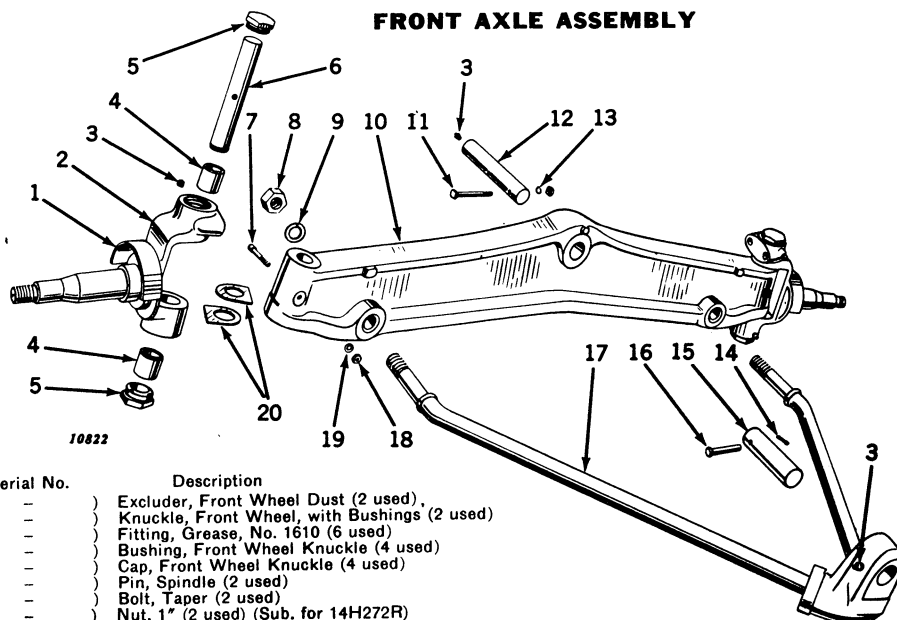
AR 1220 R	()	()	Housing, R1206R or R1598R, Brake, with Bushing and Oiler, R.H. (Sub. for AR990R)
AR 1221 R	()	()	Housing, R1207R or R1599R, Brake, with Bushing and Oiler, L.H. (Sub. for AR991R)
AR 992 R	()	()	Cover, Brake, with Brackets
R 1210 R	()	()	Clip, Brake Cover to Brake Housing (3 used)
19H 1188 M	()	()	Screw, Cap, 5/16" x 2-1/2", Brake Cover Bracket to Clip (6 used) (Sub. for 19H154H)
14H 785 R	()	()	Nut, 5/16", Brake Cover Bracket to Clip Screw (6 used) (Sub. for 14H253R)
12H 10 R	()	()	Washer, Lock, 5/16" (6 used)

STEERING ASSEMBLY



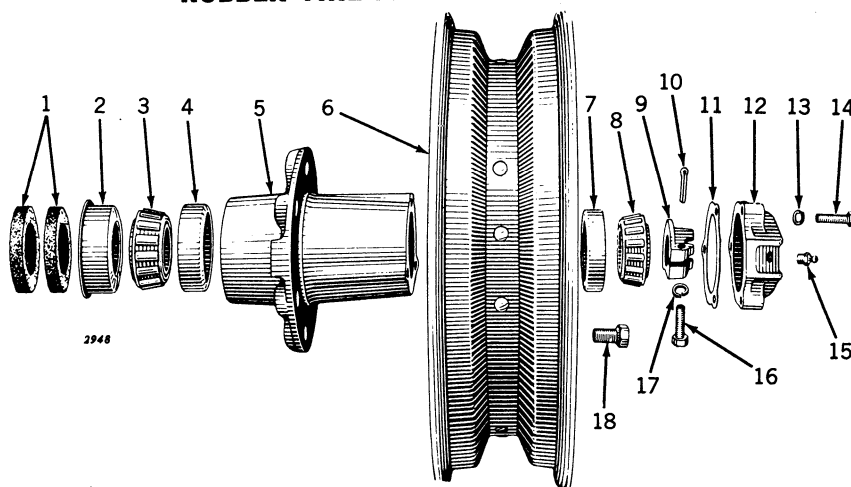
Key	Part No.	Serial No.	Description
1	19H 462 N	()	Screw, Cap, 1/2" x 1-1/2" (5 used) (Sub. for 19H457R)
2	12H 13 R	()	Washer, Lock, 1/2" (11 used)
3	A 2122 R	()	Housing, Steering Worm Bearing
4	A 2159 R	()	Shim, Paper, .005" (3 used)
5	JD 7253 R	()	Cup (2 used)
6	JD 7205 R	()	Roller, Assembly (2 used)
7	AR 503 R	()	Shaft, Steering, with Worm (Sub. One AR1275R and Two JD8172R)
8	26H 17 R	()	Key, Woodruff
9	D 1768 R	()	Washer, Cork (2 used)
10	AR 502 R	()	Housing, R532R, Steering Shaft and Worm, with Bushing
11	B 37 R	()	Bushing
12	AR 505 R	()	Wheel, Steering
13	14H 402 R	()	Nut, 3/4" (Sub. for 14H403R)
14	R 540 R	()	Screw, Adjusting
15	14H 655 R	()	Nut, Jam, 1"
16	A 120 R	()	Pin, Dowel (2 used)
17	R 535 R	()	Housing, Steering Gear
18	A 120 R	()	Pin, Dowel (Sub. for C1220R)
19	19H 1004 T	()	Screw, Cap, 1/2" x 2-1/4" (4 used) (Sub. for 19H484R)
20	AR 901 R	()	Gear, Steering (Sub. R536R)
21	AR 1138 R	R7585-	Packing, "O" Ring
22	R 538 R	()	Shim, Paper, .005" (3 used)
23	15H 254 R	R7585-	Plug, Pipe
24	JD 7760	-R7584	Fitting, Grease, No. 1612
25	11H 49 R	()	Pin, Cotter, 1/8" x 2" (2 used) (Sub. for 11H45R)
26	C 1104 R	()	Nut (2 used)
27	24H 685 R	()	Washer (2 used)
28	19H 514 R	()	Screw, Cap, 1/2" x 3-1/4" (2 used)
29	AR 504 R	()	Shaft, Steering Gear, with Nuts
30	R 363 R	()	Tube, Steering Gear Shaft
31	R 854 R	()	Bushing
32	R 550 R	()	Arm, Steering Gear
33	AR 508 R	()	Link, Drag
34	JD 7759	()	Fitting, Grease, No. 1610 (2 used)
35	C 838 R	()	Bearing, Ball Stud (8 used)
36	11H 49 R	()	Pin, Cotter, 1/8" x 2" (4 used)
37	C 840 R	()	Plug, Screw (4 used)
38	R 40 R	()	Arm, Steering, R.H.
39	C 1109 R	-R13051	End, Tie Rod (2 used) (Sub. H982R)
	H 982 R	(R13052-	End, Tie Rod
	A 4268 R	(R13052-	End, Tie Rod, L.H. Thread
40	C 985 R	(-R13051)	Nut, Jam (2 used)
	C 985 R	(R13052-	Nut, Jam, 7/8"
	A 4269 R	(R13052-	Nut, Jam, 7/8", L.H. Thread
41	R 43 R	(-R13051)	Rod, Tie (Sub. one A4268R, one A4269R and one R1184R)
	R 1184 R	(R13052-	Rod, Tie
42	R 41 R	()	Arm, Steering, L.H.
43	14H 398 R	()	Nut, 5/8" (2 used)
44	12H 15 R	()	Washer, Lock, 5/8" (2 used)
45	D 1898 R	()	Stud, 5/8" x 3-5/8" (4 used)
46	JD 7760	()	Fitting, Grease (3 used)

FRONT AXLE ASSEMBLY



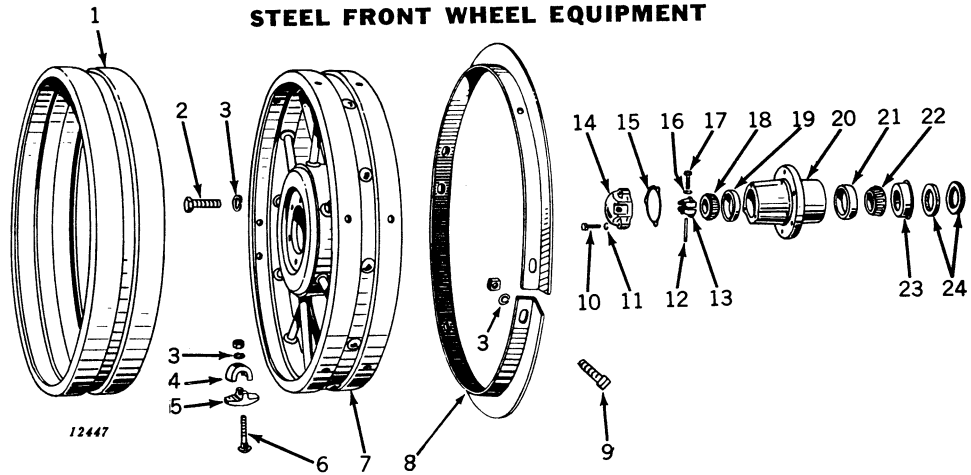
Key	Part No.	Serial No.	Description
1	R 42 R	—	Excluder, Front Wheel Dust (2 used)
2	AR 338 R	—	Knuckle, Front Wheel, with Bushings (2 used)
3	JD 7759	—	Fitting, Grease, No. 1610 (6 used)
4	D 1888 R	—	Bushing, Front Wheel Knuckle (4 used)
5	D 1881 R	—	Cap, Front Wheel Knuckle (4 used)
6	D 1701 R	—	Pin, Spindle (2 used)
7	D 156 R	—	Bolt, Taper (2 used)
8	14H 411 R	—	Nut, 1" (2 used) (Sub. for 14H272R)
9	12H 21 R	—	Washer, Lock, 1" (2 used)
10	R 38 R	—	Axle, Front
11	7H 477 R	—	Bolt, Mach., with Nut, 3/8" x 4" (Sub. for 7H476R)
12	R 46 R	—	Pin, Front Axle Pivot
13	12H 11 R	—	Washer, Lock, 3/8"
14	11H 39 R	—	Pin, Cotter, 1/8" x 3/4"
15	R 47 R	—	Pin, Radius Rod Pivot
16	B 817 R	—	Rivet, Radius Rod Pivot Pin
17	AR 345 R	—	Rod, Radius
18	14H 785 R	—	Nut, 5/16" (2 used) (Sub. for 14H253R)
19	12H 10 R	—	Washer, Lock, 5/16" (2 used)
20	A 5325 R	—	Washer, Thrust (4 used) (Sub. for D1250R)

RUBBER TIRE FRONT WHEEL EQUIPMENT



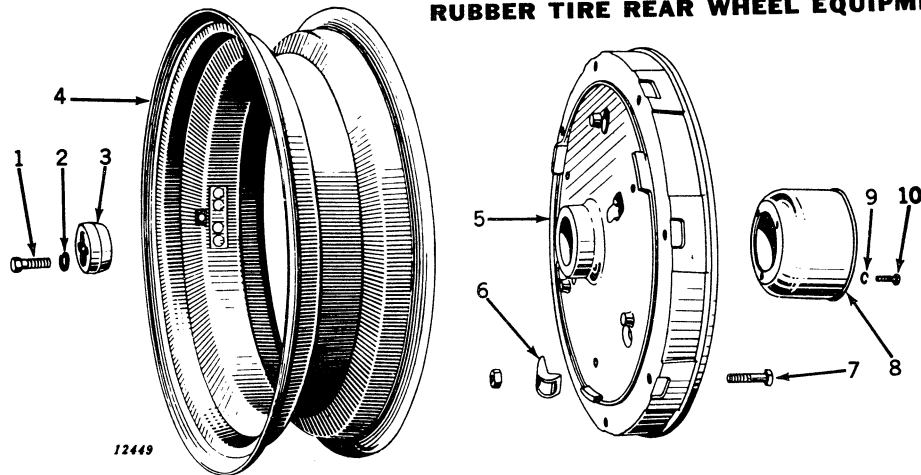
Key	Part No.	Serial No.	Description
1	R 3 R	—	Washer, Felt (2 used) (Sub. for AR573R)
2	R 2 R	—	Retainer, Felt
3	JD 8133 R	—	Cone, with Rollers, Inner
4	JD 7278 H	—	Cup, Inner
5	AR 358 R	—	Hub, R1R, with Cups (Disk Type Wheel)
6	JD 1276 R	—	Disk and Rim (For 7.50 x 18 Tires)
7	JD 7266 R	—	Cup, Bearing, Outer
8	JD 7216 R	—	Cone, Bearing, with Rollers, Outer
9	AD 452 R	—	Nut, Front Wheel Knuckle, with Cap Screw
10	11H 88 R	—	Pin, Cotter, 3/16" x 2" (Sub. for 11H84R)
11	A 1556 R	—	Gasket
12	AA 1407 R	—	Cap, A1555R, Hub, with Grease Fitting
13	12H 10 R	—	Washer, Lock, 5/16" (3 used)
14	F 2270 R	—	Screw, Cap, 5/16" x 1-1/4" (3 used) (Sub. for 19H124R)
15	JD 7759	—	Fitting, Grease (No. 1610)
16	F 2273 R	—	Screw, Cap, 3/8" x 1-1/4" (Sub. for 19H221R and 19H1099R)
17	12H 11 R	—	Washer, Lock 3/8"
18	JD 19 R	—	Bolt (6 used)

STEEL FRONT WHEEL EQUIPMENT



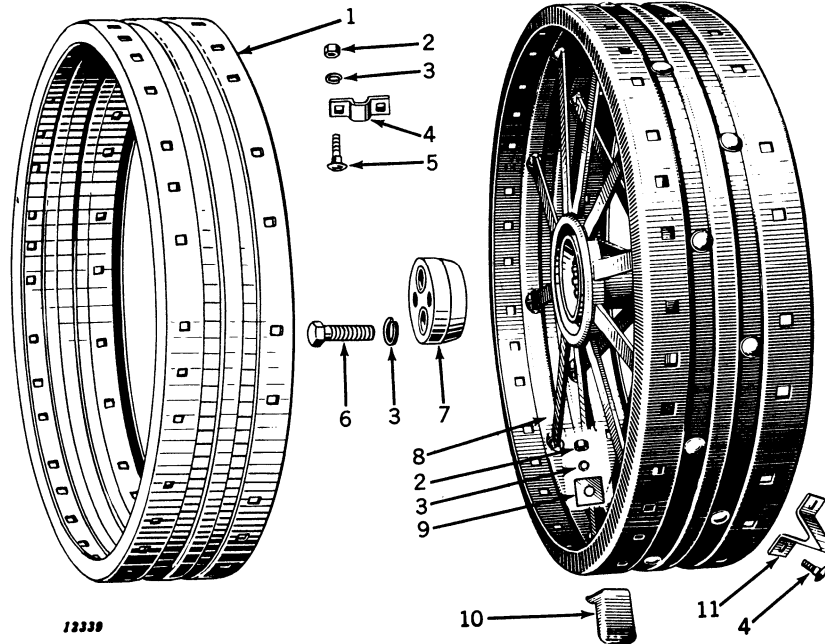
Key	Part No.	Serial No.	Description
1	AR 665 R	(-)	Rim, Front Wheel Extension (Sub. for R833R)
2	19H 1084 R	(-)	Screw, Cap, 1/2" x 1-3/8" (6 used)
3	12H 13 R	(-)	Washer, Lock, 1/2" (20 used)
4	D 583 R	(-)	Clip, Front Wheel Extension (6 used)
5	D 584 R	(-)	Washer, Extension Rim Clip (6 used)
6	2H 681 B	(-)	Bolt, Carriage, with Nut, 1/2" x 3-1/4" (6 used)
7	JD 1279 R	(-)	Wheel, Front
8	AR 664 R	(-)	Band, Guide (Sub. for R832R)
9	19H 444 A	(-)	Screw, Cap, 1/2" x 1" (8 used) (Sub. for 7H720R)
10	F 2270 R	(-)	Screw, Cap, 5/16" x 1-1/4" (3 used) (Sub. for 19H124R)
11	12H 10 R	(-)	Washer, Lock, 5/16" (3 used)
12	11H 88 R	(-)	Pin, Cotter, 3/16" x 2" (Sub. for 11H84R)
13	AD 452 R	(-)	Nut, Front Wheel Knuckle, with Cap Screw
14	AA 1407 R	(-)	Cap, A1555R, Hub, with Grease Fitting
15	A 1556 R	(-)	Gasket, Hub Cap
16	12H 11 R	(-)	Washer, Lock, 3/8"
17	F 2273 R	(-)	Screw, Cap, 3/8" x 1-1/4" (Sub. for 19H221R and 19H1099R)
18	JD 7216 R	(-)	Cone, with Rollers, Outer
19	JD 7266 R	(-)	Cup, Bearing, Outer
20	AR 358 R	(-)	Hub, R1R, Front Wheel
21	JD 7278 H	(-)	Cup, Inner
22	JD 8133 R	(-)	Cone, with Rollers, Inner
23	R 2 R	(-)	Retainer, Front Wheel Felt
24	R 3 R	(-)	Washer, Felt (2 used) (Sub. for AR573R)

RUBBER TIRE REAR WHEEL EQUIPMENT



Key	Part No.	Serial No.	Description
1	19H 1391 R	(-)	Screw, Cap, 3/4" x 2-1/2" (2 used) (Sub. for 19H786R)
2	12H 17 R	(-)	Washer, Lock, 3/4" (2 used)
3	R 14 R	(-)	Retainer Rear Wheel
4	(AR 323 R)	(-)	Rim, Demountable (14-34, 6-Ply Tire) (DW-12-34)
	(AR 649 R)	(-)	Rim, Demountable (15-34, 8-Ply Tire) (DW-14-34)
	(AR 771 R)	(-)	Rim, Mountable (18-26, 8-Ply Cane and Rice Tire) (DW-16-26)
5	(R 838 R)	(-)	Wheel, Cast Disk
	(R 1005 R)	(-)	Wheel, Cast Disk (Use with AR771R)
6	B 634 R	(-)	Clamp, Rear Wheel Rim (8 used)
7	A 3413 R	(-)	Bolt, Mach., with Nut, 5/8" x 2-3/4" (8 used) (Sub. One A4064R and One A5772R)
8	R 837 R	(-)	Guard, Mud (Cane and Rice Equipment)
9	12H 11 R	(-)	Washer, Lock, 3/8"
10	F 2272 R	(-)	Screw, Cap, 3/8" x 3/4" (3 used) (Sub. for 19H203R)

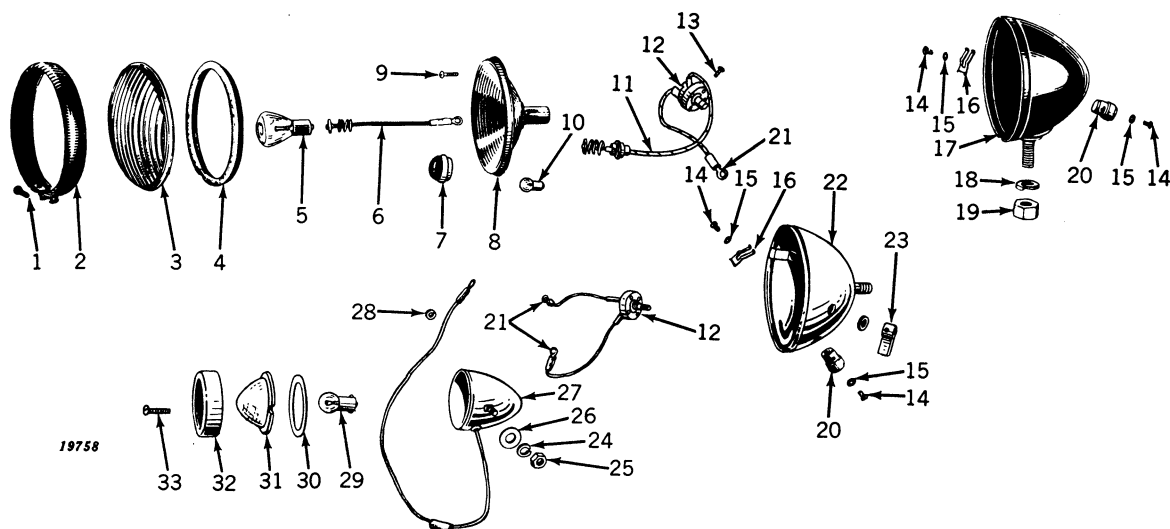
STEEL REAR WHEELS AND EXTENSION RIMS



12339

Key	Part No.	Serial No.	Description
1	R 834 R	()	Rim, Extension
2	14H 404 R	()	Nut, 3/4" (Sub. for 14H267R)
3	12H 17 R	()	Washer, Lock, 3/4"
4	AD 632 R	()	Clip, Extension Rim, Rear Wheel (Six D713R)
5	AD 535 R	()	Bolt, Rear Wheel Lug, 3/4" x 1-7/8" (Sub. Fifty D411R, Fifty 12H17R, and Fifty 14H404R)
6	19H 1391 R	()	Screw, Cap, 3/4" x 2-1/2" (2 used) (Sub. for 19H786R)
7	R 14 R	()	Retainer, Rear Wheel
8	JD 1280 R	()	Wheel, Rear
9	AD 2486 R	()	Washer, Rear Wheel Lug (Forty-eight D938R) (Sub. AD2856R, Pkg. of Eight D938R)
	AD 2487 R	()	Washer, Extension Rim Lug (Twenty-four D938R) (Sub. AD2856R, Pkg. of Eight D938R)
10	AD 2483 R	()	Lug, Spade, Heavy-Duty, 5" High (Twelve D2121R) (Sub. AD2855R, Pkg. of Eight D2121R)
	AD 2484 R	()	Lug, Spade, 6" High (Twelve D573R)
11	AD 1465 R	()	Lug, Spade, "A" Shaped, 6" High (Twelve D2627R)

AA3075R, AB3549R, AB3975R, AB3976R AND AB4037R LAMPS (6-VOLT)

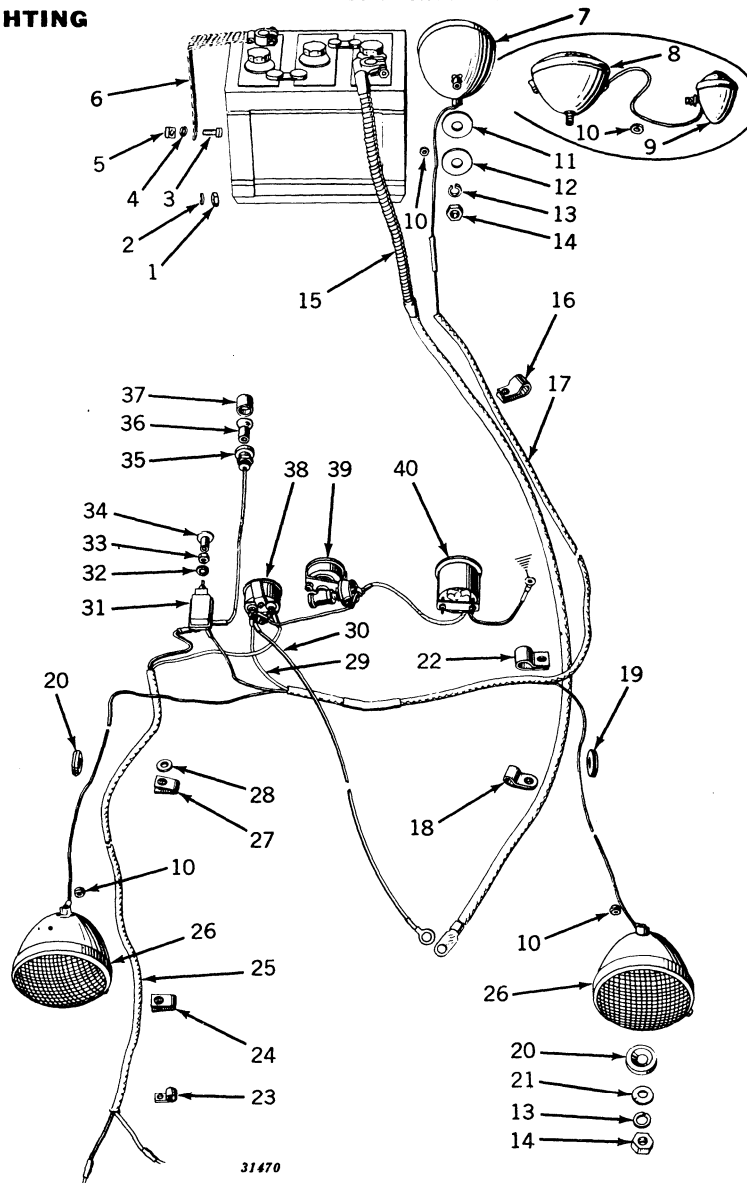


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AA3075R, AB3549R, AB3975R, AB3976R AND AB4037R LAMPS (6-VOLT)—Continued

Key	Part No.	Serial No.	Description	AA3075R	AB3549R	AB3975R	AB3976R	AB4037R
1	A 2729 R	(-)	Screw	x	x	x	-	x
2	AA 3241 R	(-)	Molding	x	x	x	-	x
3	A 2731 R	(-)	Lens	x	x	x	-	x
4	AA 3239 R	(-)	Gasket, Lens (Rubber)	x	x	x	-	x
5	AB 2820 R	(-)	Bulb (6-8 Volt)	x	x	x	-	x
6	(AA 3240 R	(-)	Wiring	x	x	-	-	-
	(AA 4666 R	(-)	Wiring, Switch to Bulb	-	-	x	-	x
7	AA 4925 R	(-)	Jewel (Red)	-	-	-	-	x
8	(AA 3238 R	(-)	Reflector	x	x	x	-	-
	(AA 4924 R	(-)	Reflector	-	-	-	-	x
9	A 2883 R	(-)	Screw	x	x	-	-	-
10	AB 4059 R	(-)	Bulb, Warning (6-8 Volt, 1 C. P.)	-	-	-	-	x
11	AA 4926 R	(-)	Socket and Wire (Warning Lamp)	-	-	-	-	x
12	AA 4928 R	(-)	Switch with Nut, Screws and Knob (Sub. for AA4667R)	-	-	x	-	x
13	21H 969 R	(-)	Screw (3 used)	-	-	-	-	x
14	(21H 972 R	(-)	Screw (2 used)	x	x	-	-	x
	(21H 972 R	(-)	Screw (4 used)	-	-	x	-	-
15	(12H 290 R	(-)	Washer, Lock (2 used) (Sub. for A2734R)	x	x	-	-	x
	(12H 290 R	(-)	Washer, Lock (4 used) (Sub. for A2734R)	-	-	x	-	-
16	A 2899 R	(-)	Spring, Terminal	x	x	-	-	x
	A 2899 R	(-)	Spring, Terminal (2 used)	-	-	x	-	-
17	AA 3243 R	(-)	Body Assembly	x	-	-	-	-
	AB 3549 R	(-)	Lamp, Rear (Sub. AB4037R)	-	x	-	-	-
18	12H 13 R	(-)	Washer, Lock, 1/2"	x	x	-	-	-
19	(14H 392 R	(-)	Nut, 1/2"	x	-	-	-	-
	(14H 473 R	(-)	Nut, 1/2" (Sub. for 14H347R)	-	x	-	-	-
20	AA 3495 R	(-)	Plate, Terminal, with Spring, Screws and Lock	-	x	-	-	x
	AA 3495 R	(-)	Washers (Bakelite) (Sub. for AB3739R)	-	-	-	-	-
	AA 3495 R	(-)	Plate, Terminal (2 used) (Sub. for AB3739R)	-	-	x	-	-
	AA 3495 R	(-)	Plate, Terminal, with Spring, Screws and Lock	x	-	-	-	-
	AA 3495 R	(-)	Washer (Bakelite)	-	-	-	-	-
21	AA 4665 R	(-)	Wire, (2 used) (Switch to Battery Terminal)	-	-	x	-	-
	AA 4665 R	(-)	Wire, Switch to Terminal	-	-	-	-	x
22	AB 3975 R	(-)	Lamp, Rear, Tractor Complete (Sub. for AB4037R)	-	-	x	-	-
	AB 4037 R	(-)	Lamp, Combination Rear and Warning	-	-	-	-	x
	AA 3075 R	(-)	Lamp, Front (Sub. AF3917R)	x	-	-	-	-
23	AA 5332 R	(-)	Knob, Switch, with Set Screw (Sub. for AA4838R)	-	-	x	-	x
24	12H 9 R	(-)	Washer, Lock, 1/4"	-	-	-	x	-
25	14H 241 R	(-)	Nut, 1/4"	-	-	-	x	-
26	24H 930 R	(-)	Washer, Warning Lamp Spacer	-	-	-	x	-
27	AB 3976 R	(-)	Lamp, Warning, Complete with Wire (Sub. AB4037R)	-	-	-	x	-
28	R 2579 R	(-)	Grommet (Sub. for B1580R)	-	-	-	x	-
29	AB 2582 R	(-)	Bulb (6-8 Volt)	-	-	-	x	-
30	A 3687 R	(-)	Gasket	-	-	-	x	-
31	A 3686 R	(-)	Lens	-	-	-	x	-
32	AA 4664 R	(-)	Door	-	-	-	x	-
33	A 3893 R	(-)	Screw, Door	-	-	-	x	-

LIGHTING



Key	Part No.	Serial No.	Description
1	14H 255 R	(-R8248)	Nut, 3/8"
2	12H 11 R	(-R8248)	Washer, Lock, 3/8"
3	F 2272 R	(R8249-)	Screw, Cap, 3/8" x 3/4" (Sub. for 19H203R)
4	12H 11 R	(R8249-)	Washer, Lock, 3/8"
5	14H 190 R	(R8249-)	Nut, 3/8"
6	(AB 1833 R	(-R8248)	Strap, Battery Ground (Long) (Sub. for AB3449R)
7	(AB 4100 R	(R8249-)	Strap, Battery Ground (Short)
8	(AB 3549 R	(-)	Lamp, Rear (6-Volt) (Sub. AB4037R)
9	(AB 3975 R	(-)	Lamp, Rear, with Switch (6-Volt) (Sub. AB4037R)
10	(AB 4037 R	(-)	Lamp, Combination Rear and Warning (6-Volt)
11	(AB 3976 R	(-)	Lamp, Warning (6-Volt) (Sub. AB4037R)
12	R 2579 R	(-)	Grommet (4 used) (Packed 5 in a Pkg.) (Sub. for B1580R)
13	B 2295 R	(-)	Washer, Lamp Attaching, Outer
14	B 2477 R	(-)	Washer, Lamp Attaching, Inner
15	12H 13 R	(-)	Washer, Lock, 1/2" (3 used)
16	(14H 473 R	(-)	Nut, Lamp Assembly, Rear (Sub. for 14H347R)
17	(14H 392 R	(-)	Nut, Lamp Assembly, Side (2 used) (Sub. for 14H260R)
18	(B 1588 R	(-)	Cable, Battery to Starting Motor (Sub. for AR511R)
19	(B 989 R	(-)	Clip, Starting Motor Lead to Platform (2 used)
20	(AR 495 R	(-)	Clip, Starting Motor Lead to Platform
21	(B 989 R	(-)	Harness, Lamp Wiring
22	D 3089 R	(-)	Clip, Starting Motor Lead to Fuel Tank Support, Generator Wiring Harness to Steering Gear Assembly (2 used)
23	A 2743 R	(-)	Grommet (2 used)
24	24H 991 R	(-)	Washer (2 used)
25	(B 989 R	(-)	Washer (2 used) (Sub. for 24H481R)
26	(R 692 R	(-)	Clip, Lamp Wiring Harness to L.H. Dash Bracket
27	(12H 9 R	(-)	Clip, Generator Wiring Harness to Radiator Top Tank
28	(21H 597 R	(-)	Washer, Lock, 1/4"
29	A 2610 R	(-)	Screw, Mach.
30			Clip, Wiring Harness and Oil Gauge Tube to Starting Engine (Sub. for A1225R)



LIGHTING—Continued

Key	Part No.	Serial No.	Description
25	AR 494 R	(-)	Harness, Wiring, Generator
26	AF 3817 R	(-)	Lamp Assembly (6-Volt) (2 used) (Sub. for AA3075R)
27	A 2610 R	(-)	Clip (Sub. for A1225R)
28	24H 143 R	(-)	Washer, Clip to Starting Engine
29	AB 1965 R	(-)	Lead, Ammeter to Starting Motor Switch (Sub. for AD2058R)
30	AB 1965 R	(-)	Lead, Ammeter to Starting Motor Terminal (Sub. for AD2058R)
31	AB 3561 R	(-)	Switch, Light
32	12H 273 R	(-)	Washer, Lock, Light Switch (Sub. for F692R)
33	14H 774 R	(-)	Nut, Light Switch, 3/8" (Sub. for 14H651R)
34	F 690 R	(-)	Knob, Light Switch
35	AD 2834 R	(-)	Lamp, Dash (Sub. for AD1855R)
36	AB 2582 R	(-)	Bulb, Dash Lamp (6-Volt)
37	A 3032 R	(-)	Hood, Dash Lamp
38	AF 2749 R	(-)	Ammeter with Clamp (Sub. for AB2568R)
39	AF 2868 R	(-)	Gauge, Oil Pressure (Sub. for AR492R)
40	AR 719 R	(-)	Meter, Hour

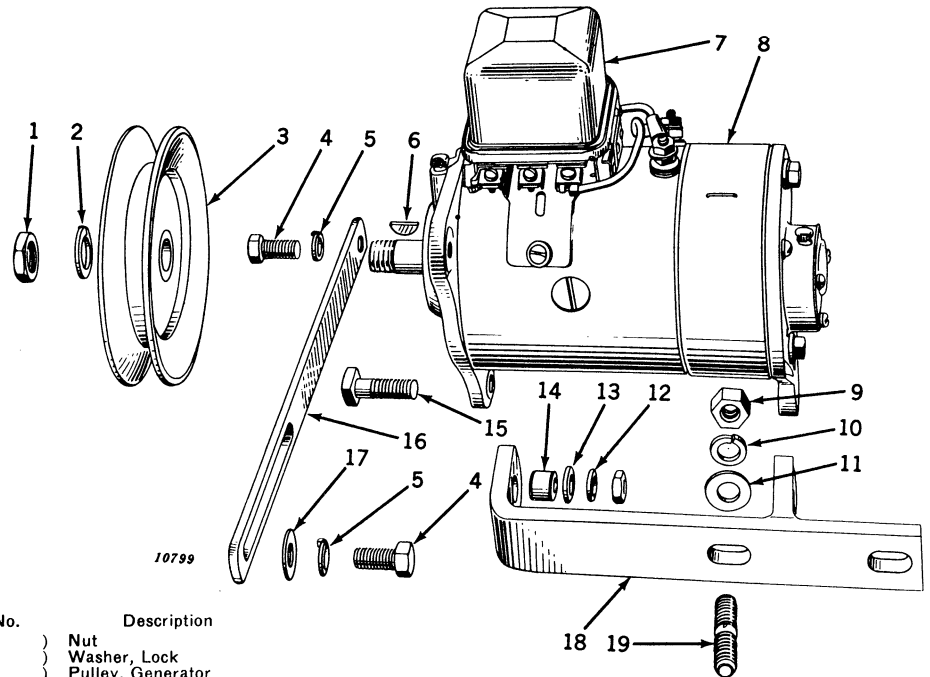
Part listed below is an assembly of some of the parts in this grouping:

AR 1012 R (-) Wiring Replacement Set (Consisting of One AB1965R, One AR494R and One AR495R)

Parts listed below are not illustrated:

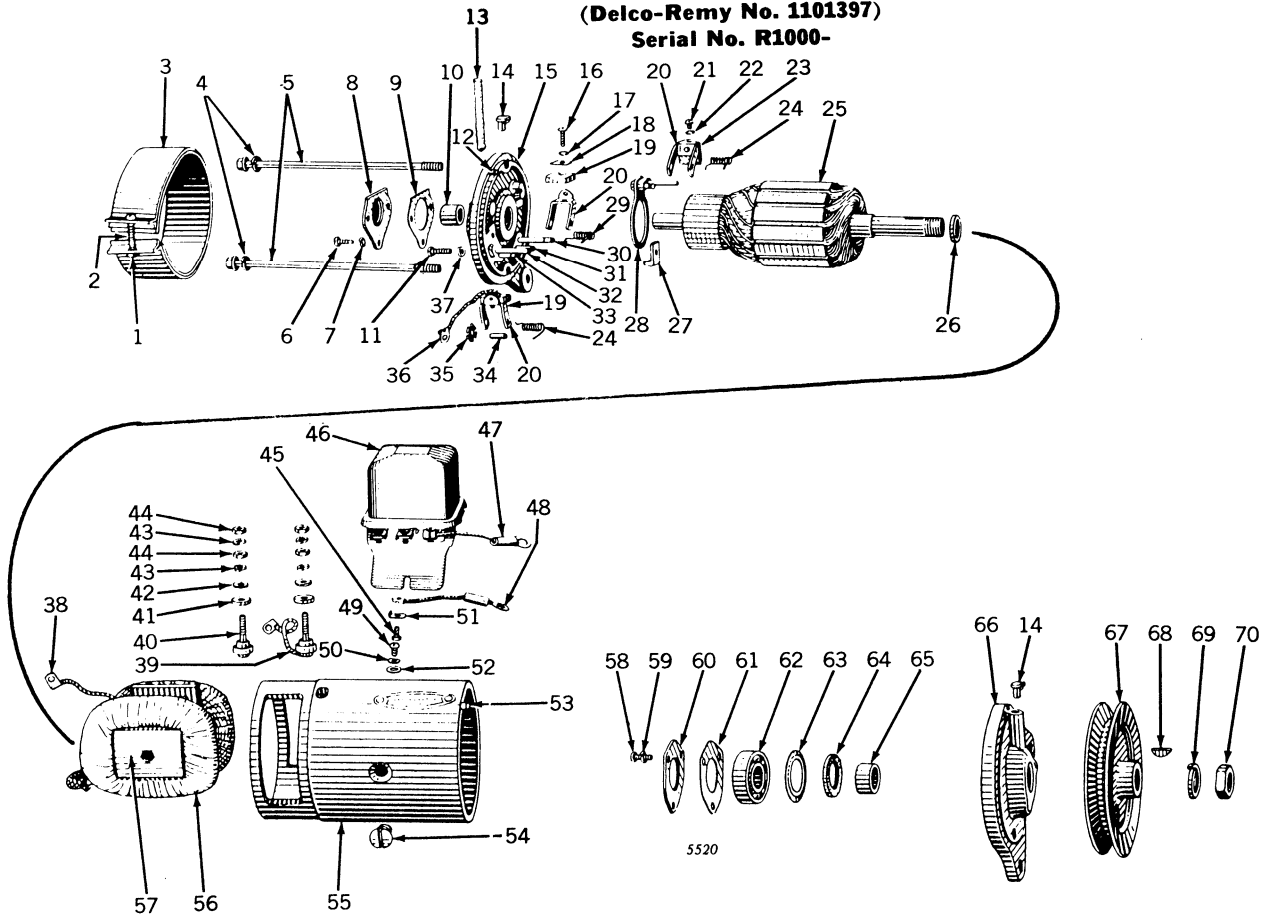
R 2579 R (-) Grommet in Battery Box (Packed 5 in a Pkg.) (Sub. for B1580R)
 AM 2049 T (-) Socket, Electrical Outlet
 21H 1042 C (-) Screw, Mach., Socket to Battery Box (2 used) (Sub. for 21H404R)
 12H 251 R (-) Washer, Lock, on Screw (2 used) (Sub. for A3010R)
AA 5691 R (-) Plug, Electrical Outlet, with Cable (ATTACHMENT)
 AA 5692 R (-) Plug, Electrical Outlet, less Cable
 14H 606 R (-) Nut on Screw (2 used)
 AA 5673 R (-) Lead, Wiring Socket, Battery End
 AL 2976 T (-) Connector, Two-Wire

GENERATOR AND MOUNTING BRACKET



Key	Part No.	Serial No.	Description
1	806915	(-)	Nut
2	804000	(-)	Washer, Lock
3	R 116 R	(-)	Pulley, Generator
4	H 1085 R	(-)	Screw, Mach. (2 used) (Sub. for R404R)
5	12H 10 R	(-)	Washer, Lock, 5/16" (2 used)
6	26H 72 R	(-)	Key, Woodruff
7	1118786	(-)	Regulator, Voltage (Sub. for 1118305)
8	AR 856 R	(-)	Generator, with Voltage Regulator (Delco-Remy No. 1101397 and 1100507) (Sub. for AR373R)
9	14H 257 R	(-)	Nut, 7/16" (2 used)
10	12H 12 R	(-)	Washer, Lock, 7/16" (2 used)
11	24H 169 R	(-)	Washer (2 used)
12	12H 11 R	(-)	Washer, Lock, 3/8" (2 used)
13	24H 154 R	(-)	Washer (2 used)
14	R 21100 R	(-)	Bushing (2 used) (Sub. for A1278R)
15	7H 335 R	(-)	Bolt, Mach., with Nut, 3/8" x 1-1/4" (2 used) (Sub. for F2273R)
16	R 117 R	(-)	Strap, Generator Adjusting
17	24H 39 R	(-)	Washer
18	AR 371 R	(-)	Bracket, Generator, with Support
19	K 3083 R	(-)	Stud, 7/16" x 1-13/16" (2 used)

AR856R GENERATOR
(Delco-Remy No. 1101397)
Serial No. R1000-

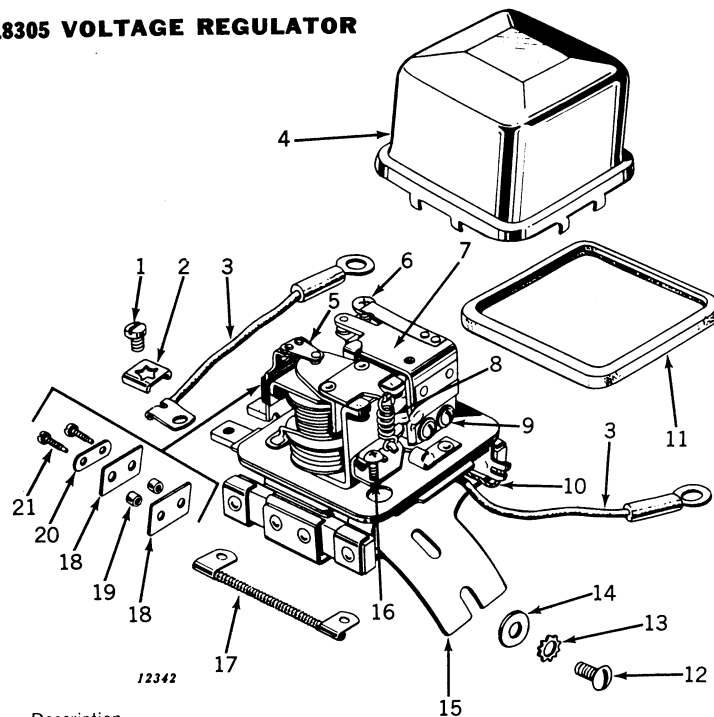


Key	Part No.	Serial No.	Description
1	14H 631 R	()	Nut
2	21H 986 R	()	Screw, Mach.
3	1872638	()	Band, Cover
4	12H 10 R	()	Washer, Lock (2 used) (Sub. for 12H68R)
5	815018	()	Bolt (2 used)
6	1886496	()	Screw (3 used)
7	A 766 R	()	Washer, Lock (3 used)
8	820524	()	Plate, End
9	817220	()	Gasket
10	AA 3497 R	()	Bushing
11	21H 983 R	()	Screw, Lock, Third Brush Adjustment
12	R 11086 R	()	Pin, Dowel (Sub. for 809062)
13	(804076 1911097	()	Wick, Oil (Felt) Plug, Oil Hole (Sub. for 816315)
14	E 2302 RT	()	Oiler (2 used)
15	1908871	()	Frame, End, with Pins
16	451608	()	Screw (3 used) (Sub. for 1862803)
17	A 765 R	()	Washer, Lock (3 used)
18	809551	()	Washer, Brush (Rectangular) (3 used)
19	1880998	()	Brush, Main (2 used) (Sub. for 1836664)
20	809642	()	Holder, Brush (3 used)
21	21H 961 R	()	Screw (2 used)
22	1904377	()	Washer, Lock (2 used) (Sub. for 802730)
23	1906939	()	Brush, Third (Sub. for 1880225)
24	809644	()	Spring, Third or Ground Brush (2 used)
25	1921351	()	Armature (Sub. for 1841027 and 1917164)
26	R 11088 R	()	Spacer (Sub. for 809945)
27	817532	()	Clamp
28	809698	()	Plate, Third Brush
29	809658	()	Spring, Main Brush
30	AR 11063 R	()	Pin, Main Brush Holder Hinge (Insulated) (Sub. for 812016)
31	AR 11062 R	()	Pin, Main Brush Holder Stop (Insulated) (Sub. for 812015)
32	R 11092 R	()	Pin, Ground Brush Holder Hinge (Sub. for 817313)
33	R 11093 R	()	Pin, Ground Brush Holder Stop (Sub. for 817314)
34	809614	()	Pin
35	809824	()	Washer, Third Brush Plate Spring
36	809688	()	Lead, Ground Brush
37	A 767 R	()	Washer, Lock
38	200362	()	Clip, Terminal (Sub. for 200182)
39	1858754	()	Stud and Lead Assembly
40	1858749	()	Stud, Terminal (2 used)
41	R 11098 R	()	Washer (Insulation) (2 used) (Sub. for 1858753)
42	A 3031 R	()	Washer, Plain (2 used)
43	A 3011 R	()	Washer, Lock (4 used)
44	14H 608 R	()	Nut (4 used)

AR856R GENERATOR—Continued

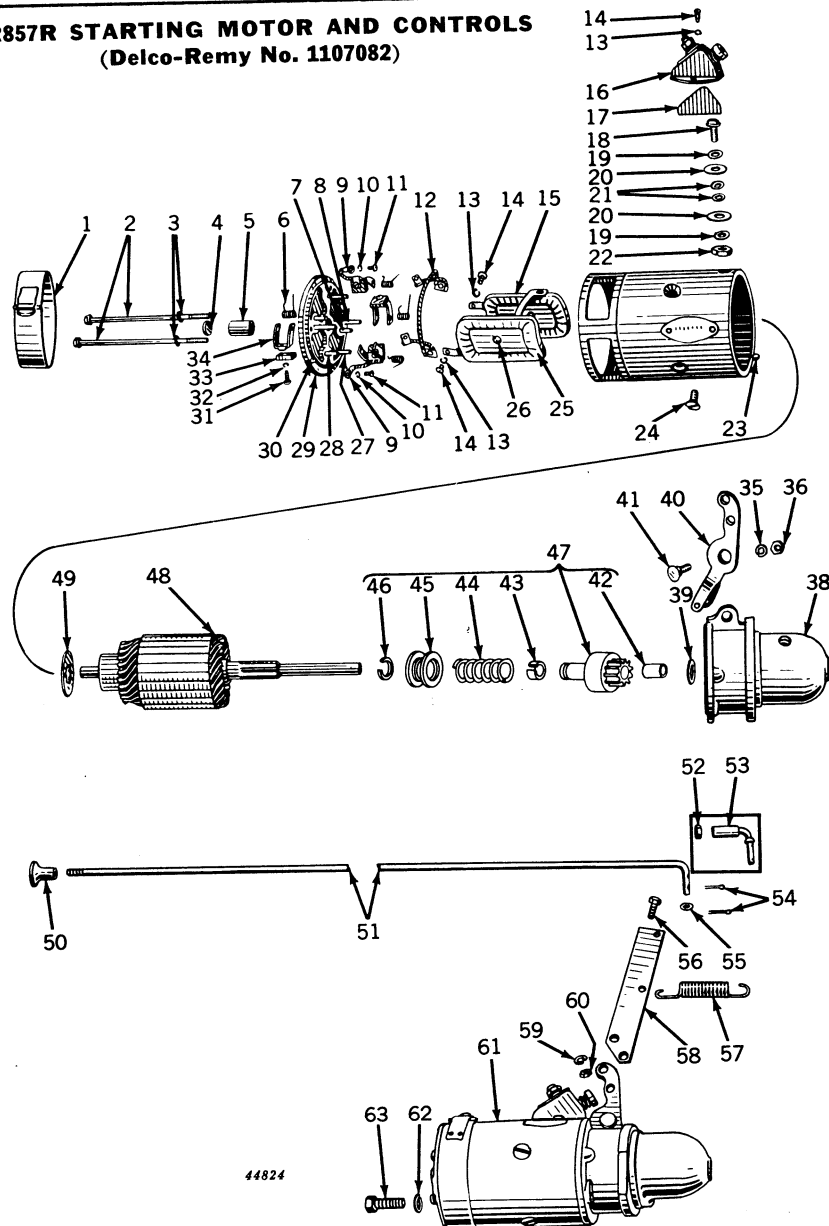
Key	Part No.	Serial No.	Description
45	R 11100 R	(-)	Screw, (4 used) (Sub. for 1881998 and 1864099)
46	1118756	(-)	Regulator (Sub. for 1118305)
47	1911485	(-)	Lead, “F” Terminal to Regulator (Sub. for 1911481)
48	1911485	(-)	Lead, “A” Terminal to Regulator
49	21H 995 R	(-)	Screw (2 used)
50	12H 251 R	(-)	Washer, Lock (2 used) (Sub. for A3010R)
51	R 11084 R	(-)	Clip (4 used) (Sub. for 1868137)
52	24H 19 R	(-)	Washer (2 used)
53	R 11087 R	(-)	Pin, Dowel (Sub. for 809593)
54	R 11097 R	(-)	Screw, Shoe (2 used) (Sub. for 1843646)
55	1909069	(-)	Frame, Generator
56	1909070	-R7669	Coil, Field (Sub. Two 1914618, One 1913554, and Two 1914491)
	1913554	R7670-	Coil, Field
	1914491	R7670-	Insulator, Field Coil (2 used)
57	816331	-R7669	Shoe, Pole (2 used) (Sub. Two 1914618, Two 1914491, and One 1913554)
	1914618	R7670-	Shoe, Pole (2 used) (Sub. Two 1914618, Two 1914491, and One 1913554)
	1904370	(-)	Screw (3 used)
58	A 3009 R	(-)	Washer, Lock (3 used)
59	R 11109 R	(-)	Plate, Retainer (Sub. for 1911263)
60	R 11110 R	(-)	Gasket (Sub. for 1912008)
62	JD 7180 R	(-)	Ball Bearing
63	R 11094 R	(-)	Plate, Retainer (Sub. for 819104)
64	R 11089 R	(-)	Washer, Felt (Sub. for 809961)
65	817224	(-)	Collar
66	1908869	(-)	Frame, Drive End
67	R 116 R	(-)	Pulley
68	26H 72 R	(-)	Key, Woodruff
69	804000	(-)	Washer, Lock
70	806915	(-)	Nut

1118305 VOLTAGE REGULATOR



Key	Part No.	Serial No.	Description
1	R 11100 R	(-)	Screw, Terminal (4 used) (Sub. for 1864099)
2	R 11084 R	(-)	Clamp, Terminal (4 used) (Sub. for 1868137)
3	1911485	(-)	Lead (Regulator to “F” Terminal on Generator) (Sub. for 1911481)
	1911485	(-)	Lead (Regulator to “A” Terminal on Generator)
4	1909034	(-)	Cover
5	1878517	(-)	Contact and Support
6	R 11111 R	(-)	Screw, Adjusting (Sub. for 1912159)
7	1878780	(-)	Armature (Order from John Deere Harvester Works)
8	R 11112 R	(-)	Spring (Sub. for 1912176)
9	1904817	(-)	Screw, Armature Attaching Relay (2 used)
	1904377	(-)	Washer, Lock, Armature Relay Screw (2 used)
10	1909041	(-)	Lead, Ground
11	1909035	(-)	Gasket
12	21H 995 R	(-)	Screw, Mounting (2 used)
13	12H 251 R	(-)	Washer, Lock, Mounting Screw (2 used) (Sub. for A3010R)
14	24H 91 R	(-)	Washer, Mounting Screw (2 used)
15	1913063	(-)	Packing, Shock Mounting
16	1922408	(-)	Screw, Adjusting (Sub. for 1912365)
17	1885297	(-)	Resistor
18	R 11102 R	(-)	Washer, Insulating Contact Attaching Screw (2 used) (Sub. for 1878507)
19	1878506	(-)	Bushing, Insulating Contact Attaching Screw (2 used)
20	R 11101 R	(-)	Washer, Lock, Contact Attaching Screw (Sub. for 1878505)
21	R 11103 R	(-)	Screw, Contact Attaching (2 used) (Sub. for 1878516)
..	1118786	(-)	Regulator, Complete with Cover (Less Lead Assemblies) (Sub. for 1118305)

TRACTOR—MODEL "R"

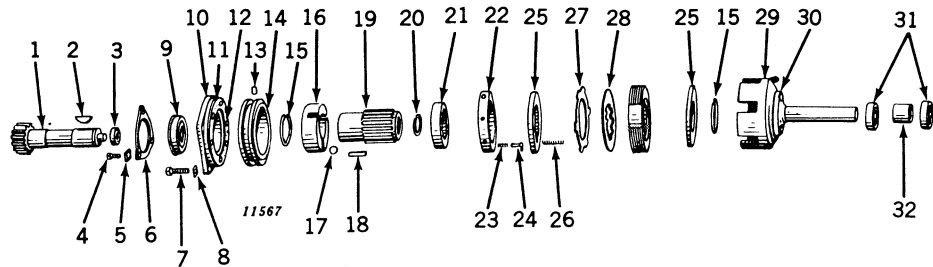
AR857R STARTING MOTOR AND CONTROLS
(Delco-Remy No. 1107082)

Key	Part No.	Serial No.	Description
1	817114	-	Band, Commutator Cover
2	809053	-	Bolt, Thru (2 used)
3	12H 9 R	-	Washer, Lock, 1/4" (2 used)
4	-	-	Plug, Welch
5	-	-	Bushing, Commutator End Frame
6	R 11091 R	-	Spring, Brush (4 used) (Sub. for 813521)
7	AR 11062 R	-	Brush Holder Stop Pin and Insulation Assembly (2 used) (Sub. for 812015)
8	AR 11063 R	-	Brush Holder Hinge Pin and Insulation Assembly (2 used) (Sub. for 812016)
9	AR 11064 R	-	Lead, Ground Brush (2 used) (Sub. for 813554)
10	A 766 R	-	Washer, Lock (2 used)
11	21H 969 R	-	Screw (2 used)
12	AR 11065 R	-	Lead, Brush Connector (Sub. for 819362)
13	A 767 R	-	Washer, Lock (4 used)
14	21H 395 R	-	Screw, Lead to Field Coil (4 used)
15	1922860	-	Coil, Field, R.H. (Sub. for 1848627)
16	820052	-	Starting Switch Assembly
17	14H 255 R	-	Nut, Switch Terminal, 3/8"
18	A 3082 R	-	Cover, Terminal
19	816911	-	Insulation, Switch Side (2 used)
20	821524*	-	Screw, Terminal
21	24H 156 R	-	Washer, Plain (3 used)
22	R 11099 R	-	Washer, Insulating (2 used) (Sub. for 1861076)
23	1904669	-	Washer, Insulating (2 used)
24	14H 732 R	-	Nut, 3/8"
25	R 11087 R	-	Pin, Dowel (Sub. for 809593)
26	R 11104 R	-	Screw, Pole Shoe (4 used) (Sub. for 1881869)
27	1922861	-	Screw, Field, L.H. (Sub. for 1848628)
28	810601	-	Coil, Field (4 used)
29	R 11092 R	-	Shoe, Pole (4 used)
30	R 11093 R	-	Pin, Brush Holder Hinge (2 used) (Sub. for 817313)
31	-	-	Pin, Brush Holder Stop (2 used) (Sub. for 817314)

AR857R STARTING MOTOR AND CONTROLS—Continued

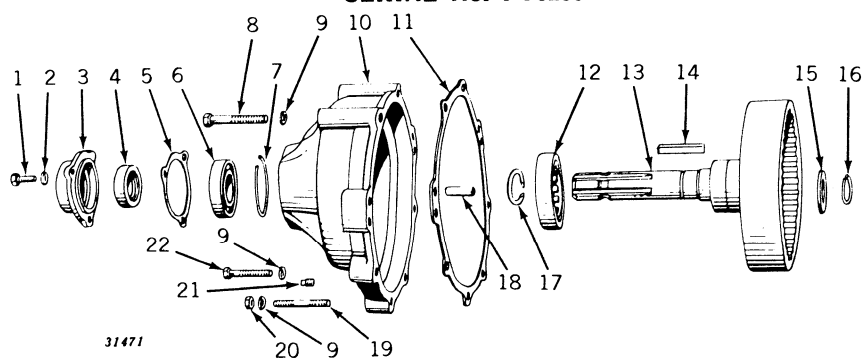
Key	Part No.	Serial No.	Description
29	1907038	(—)	Frame, Commutator End
30	R 11086 R	(—)	Pin, Dowel, Commutator End Frame (Sub. for 809062)
31	21H 964 R	(—)	Screw, Brush Attaching (4 used)
32	A 765 R	(—)	Washer, Lock (4 used)
33	811553	(—)	Brush (4 used)
34	R 11090 R	(—)	Holder, Brush (4 used) (Sub. for 810226)
35	12H 11 R	(—)	Washer, Lock, 3/8"
36	14H 732 R	(—)	Nut, 3/8"
37	1839345	(—)	Bushing, Motor Drive Housing
38	1912837	(—)	Housing, Motor Drive
39	1838568	(—)	Washer, Spacing
40	1912832	(—)	Lever, Shift
41	1885817	(—)	Shaft, Shift Lever
42	37535	(—)	Bushing
43	37522	(—)	Bushing (Split)
44	37517	(—)	Spring, Motor Drive
45	1838436	(—)	Collar, Motor Drive
46	37521	(—)	Wire, Lock, Motor Drive
47	1912835	(—)	Drive
48	1917855	(—)	Armature (Sub. for 1867897)
49	818265	(—)	Washer, Leather Brake
50	R 858 R	(—)	Knob, Starter Control Rod
51	R 666 R	(—)	Rod, Starter Control
52	14H 338 R	(—)	Nut, Jam, 1/4"
53	D 157 R	(—)	End, Starter Control Rod
54	11H 22 R	(—)	Pin, Cotter, 3/32" x 1" (2 used) (Sub. for 11H18R)
55	24H 132 R	(—)	Washer
56	19H 1112 H	(—)	Screw, Cap, 5/16" x 3/4" (2 used)
57	R 830 R	(—)	Spring
58	R 829 R	(—)	Extension, Starting Motor Shift Lever
59	12H 10 R	(—)	Washer, Lock, 5/16" (2 used)
60	14H 785 R	(—)	Nut, 5/16" (2 used) (Sub. for 14H253R)
61	AR 857 R	(—)	Motor, Starting (Sub. for AR510R)
62	12H 12 R	(—)	Washer, Lock, 7/16" (2 used)
63	19H 1056 H	(—)	Screw, Cap, 7/16" x 1" (2 used)

*Furnished by John Deere Dubuque Tractor Works.

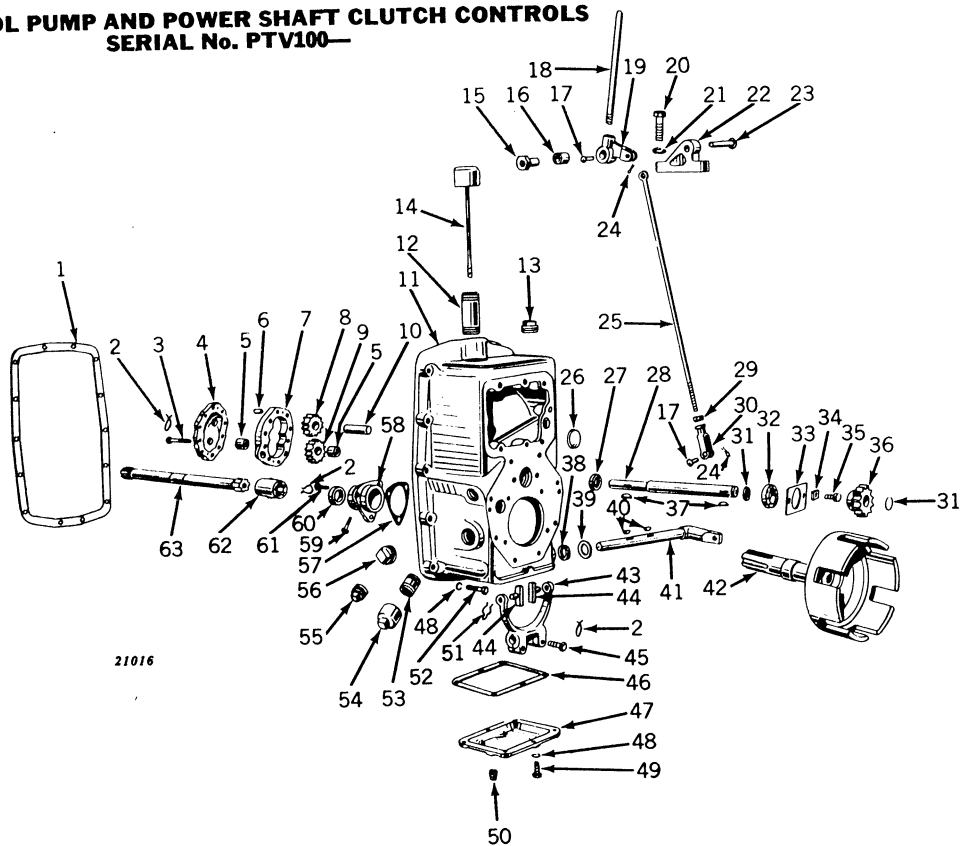
POWER SHAFT CLUTCH
SERIAL No. PT0100—

Key	Part No.	Serial No.	Description
1	R 705 R	(—)	Shaft, Powershaft Clutch, with Gear
2	26H 99 R	(—)	Key, Woodruff
3	JD 7130 R	(—)	Bearing
4	F 2272 R	(—)	Screw, Cap, 3/8" x 3/4" (3 used) (Sub. for 19H203R)
5	H 246 R	(—)	Plate, Lock (3 used)
6	R 710 R	(—)	Retainer, Clutch Shaft Bearing
7	19H 1056 H	(—)	Screw, Cap, 7/16" x 1" (4 used) (Sub. for 19H325R)
8	R 709 R	(—)	Plate, Lock (4 used)
9	JD 7132 R	(—)	Bearing, with Snap Ring
10	AR 927 R	(—)	Quill, R706R, Power Shaft Clutch Shaft Bearing, with Facing (Sub. for AR609R)
11	R 707 R	(—)	Facing, Power Shaft Clutch Brake
12	R 708 R	(—)	Rivet (6 used)
13	R 726 R	(—)	Pin, Dowel
14	AR 928 R	(—)	Collar, Clutch (Sub. for AR612R)
15	R 712 R	(—)	Snap Ring (2 used)
16	AR 933 R	(—)	Race, Clutch Cam Roller (Sub. R723R)
17	R 722 R	(—)	Roller, Clutch Cam (3 used)
18	D 403 R	(—)	Key
19	R 711 R	(—)	Hub, Powershaft Clutch
20	A 364 R	(—)	Snap Ring
21	AR 931 R	(—)	Collar, Clutch Thrust (Sub. R718R)
22	AR 932 R	(—)	Collar, Clutch Adjusting (Sub. R719R)
23	R 721 R	(—)	Spring, Clutch Adjusting Collar Pin
24	(AR 611 R)	(—)	Pin, Clutch Adjusting Collar Assembly
25	(25H 250 R)	(—)	Pin, Groove
26	R 714 R	(—)	Disk, Clutch, Outer and Inner (2 used)
27	R 715 R	(—)	Spring, Clutch Disk (3 used)
28	R 717 R	(—)	Plate, Clutch Drive (Phosphor Bronze) (10 used)
29	R 716 R	(—)	Plate, Clutch Driven (Steel) (9 used)
30	AR 607 R	(—)	Drum, Power Shaft Clutch, with Shaft
31	16H 1114 A	(—)	Rivet, 5/16" x 1" (6 used)
32	JD 7131 R	(—)	Bearing (2 used)
	R 704 R	(—)	Spacer

TRACTOR—MODEL "R"

POWER SHAFT
SERIAL No. PT0100—

Key	Part No.	Serial No.	Description
1	19H 218 D	()	Screw, Cap, 3/8" x 1" (3 used) (Sub. for 19H211R)
2	12H 11 R	()	Washer, Lock, 3/8" (3 used)
3	A 2599 R	()	Housing, Powershaft Oil Seal
4	AA 2296 R	()	Seal, Powershaft
5	A 2396 R	()	Gasket
6	JD 7190 R	()	Bearing, Ball, Powershaft
7	A 365 R	()	Snap Ring
8	19H 1090 T	()	Screw, Cap, 7/16" x 3-3/4" (2 used) (Sub. for 19H395T)
9	12H 12 R	()	Washer, Lock, 7/16" (8 used)
10	R 730 R	()	Housing, Powershaft
11	R 734 R	()	Gasket, Powershaft Housing
12	JD 7943 R	()	Bearing, Roller, Powershaft Internal Gear
13	AR 615 R	()	Gear, Internal, with Shaft, Key, Washer and Snap Ring
14	R 733 R	()	Key
15	24H 510 H	()	Washer (Sub. for D136R)
16	A 602 R	()	Snap Ring
17	F 215 R	()	Snap Ring
18	A 4879 R	()	Pin, Dowel (2 used) (Sub. for B153R)
19	B 485 R	()	Stud, 7/16" x 2-9/16" (3 used)
20	14H 257 R	()	Nut, 7/16" (3 used)
21	15H 253 R	()	Plug, Pipe
22	19H 360 T	()	Screw, Cap, 7/16" x 2" (3 used) (Sub. for 19H353R)

POWR-TROL PUMP AND POWER SHAFT CLUTCH CONTROLS
SERIAL No. PTV100—

POWR-TROL PUMP AND POWER SHAFT CLUTCH CONTROLS—Continued

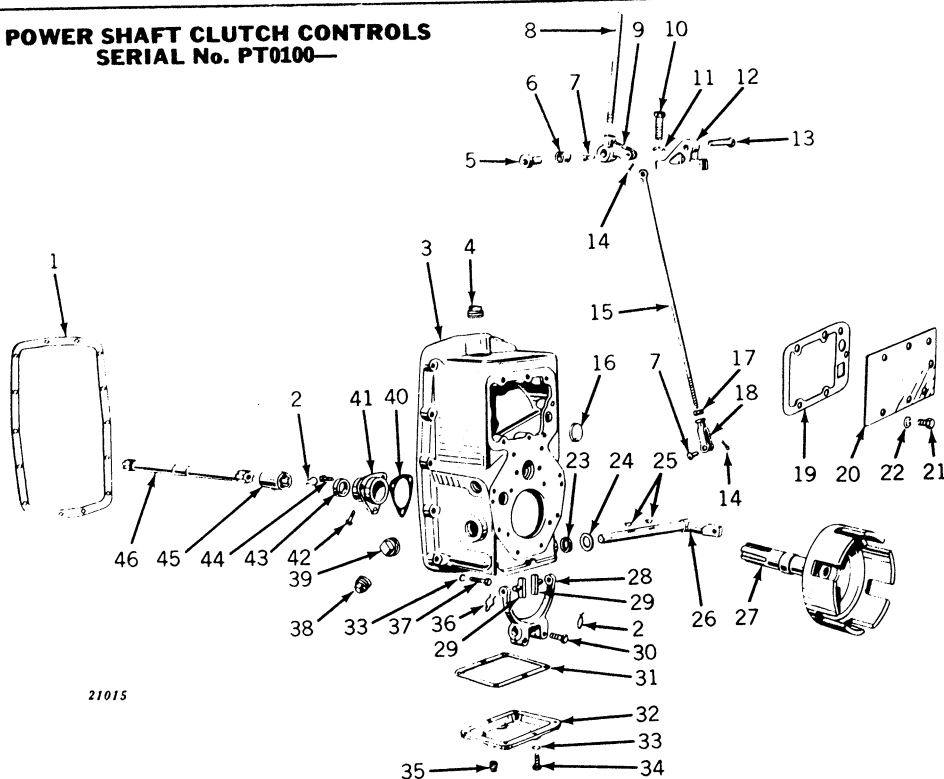
Key	Part No.	Serial No.	Description
1	R 301 R	(-)	Gasket (Packed 5 in a Pkg.)
2		(-)	Wire, 16 Gauge x 12" (3 used)
3	R 747 R	(-)	Screw, Cap, 7/16" x 2-1/2" (10 used)
4	AR 632 R	(PTV100 -PTV11396)	Cover, R746R, Powr-Trol Pump, with Bearing
	AR 952 R	(PTV11397-)	Cover, R746R, Powr-Trol Pump, with Bushing
5	JD 8806 R	(PTV100 -PTV11396)	Bearing, Powr-Trol Pump (2 used) (Sub. for AR633R)
	A 4130 R	(PTV11397-)	Bushing, Powr-Trol Pump (2 used) (Sub. for AA4794R)
6	A 4879 R	(-)	Pin, Dowel (2 used) (Sub. for A818R and B153R)
7	AR 925 R	(-)	Body, Powr-Trol Pump (Sub. R742R)
8	AR 886 R	(-)	Gear, Powr-Trol Idler, with Bushing (Sub. for AR619R)
9	R 743 R	(PTV100 -PTV11396)	Gear, Powr-Trol Pump Driver (Sub. for AR888R)
	R 1165 R	(PTV11397-)	Gear, Powr-Trol Pump Driver (Sub. for AR949R)
10	R 737 R	(-)	Shaft, Powr-Trol Pump Idler Gear
11	AR 820 R	(PTO100 -PTO6641)	Housing, R735R, Powr-Trol, with Bearing (Sub. for AR616R) (Sub. AR948R, and on Tractors with Powr-Trol PTV100-11396 also Furnish R1164R, AR613R, AR949R, and AR952R)
	AR 948 R	(PTO6642 -)	Housing, R735R, Powr-Trol, with Bushing
12	29H 406 R	(-)	Nipple, Pipe, Powr-Trol Oil Filler (Sub. for R745R)
13	15H 240 R	(-)	Plug, Pipe (Used on Tractors Equipped with Powershaft only)
14	AR 620 R	(-)	Cap, R750R, Powr-Trol Oil Filler, with Rod
15	F 2597 R	(-)	Nut, Clutch Lever Pivot Bolt (Special) (Sub. for R777R)
16	R 776 R	(-)	Bushing, Powershaft Clutch Lever
17	B 778 R	(-)	Pin, Headed (2 used) (Packed 5 in a Pkg.)
18	R 772 R	(-PTO2416)	Handle, Powershaft Clutch Lever
	R 1028 R	(PTO2417 -)	Handle, Powershaft Clutch Lever
19	R 771 R	(-)	Lever, Powershaft Clutch (On PTO100-PTO2416 also Order One R1028R)
20	19H 1373 R	(-)	Screw, Cap, 5/8" x 2" (2 used) (Sub. for 19H676R)
21	12H 11 R	(-)	Washer, Lock, 3/8" (2 used)
22	R 2650 R	(-)	Bracket, Clutch Lever (Sub. for R281R)
23	D 2031 R	(-)	Bolt, Clutch Lever Pivot
24	11H 41 R	(-)	Pin, Cotter, 1/8" x 1" (2 used)
25	R 770 R	(-)	Rod, Power Shaft Operating
26	30H 21 T	(-)	Plug, Welch (Used on Tractors Equipped with Powershaft only)
27	AR 618 R	(PTV100 -PTV11396)	Seal, Oil, Pump Drive Shaft
	AR 613 R	(PTV11397-)	Seal, Oil, Pump Drive Shaft
28	R 738 R	(PTV100 -PTV11396)	Shaft, Pump Drive
	R 1164 R	(PTV11397-)	Shaft, Pump Drive
29	14H 473 R	(-)	Nut, 1/2" (Sub. for 14H347R)
30	B 175 R	(-)	Yoke
31	A 602 R	(-)	Snap Ring (2 used)
32	JD 7129 R	(-)	Bearing, Powr-Trol Pump Drive Shaft
33	R 740 R	(-)	Retainer, Powr-Trol Pump Drive Shaft Bearing
34	H 246 R	(-)	Lock Plate (2 used)
35	F 2272 R	(-)	Screw, Cap, 3/8" x 3/4" (2 used) (Sub. for 19H203R)
36	R 739 R	(-)	Gear, Powr-Trol Pump Drive (Sub. for AR887R)
37	26H 17 R	(-)	Key, Woodruff (2 used)
38	AR 613 R	(-)	Seal, Oil, Clutch Fork Shaft
39	24H 150 H	(-)	Washer, Clutch Fork Shaft (Sub. for D136R)
40	26H 14 R	(-)	Key, Woodruff (2 used)
41	R 729 R	(-)	Shaft, Clutch Fork
42	AR 607 R	(-)	Drum, Powershaft Clutch, with Shaft
43	R 727 R	(-)	Fork, Powershaft Clutch
44	R 728 R	(-)	Shoe, Powershaft Clutch Fork (2 used)
45	B 1152 R	(-)	Screw, Cap, 1/2" x 1-1/2" (Drilled) (2 used)
46	R 749 R	(-)	Gasket Bottom Cover (Packed 5 in a Pkg.)
47	R 748 R	(-)	Cover, Bottom
48	12H 11 R	(-)	Washer, Lock, 3/8" (20 used)
49	19H 218 D	(-)	Screw, Cap, 3/8" x 1" (6 used) (Sub. for 19H211R)
50	15H 255 R	(-)	Plug, Pipe
51	R 446 R	(-)	Snap Ring (2 used)
52	19H 255 N	(-)	Screw, Cap, 3/8" x 2" (14 used) (Sub. for 19H256R)
53	29H 488 T	(-)	Nipple, Pipe, Powr-Trol Oil Drain
54	A 3131 R	(-)	Cap, Powr-Trol Oil Drain
55	15H 239 R	(-)	Plug, Pipe, Used on Tractors with Power Shaft only
56	15H 240 R	(-)	Plug, Pipe, Power Shaft Clutch Oil Filler and Level
57	R 703 R	(-)	Gasket, Power Shaft Drum Shaft Bearing Quill (Packed 5 in a Pkg.)
58	R 702 R	(-)	Quill, Power Shaft Drum Shaft Bearing
59	H 313 R	(-)	Screw, Cap, Power Shaft Clutch Drum Shaft Bearing Retaining, 5/16" x 3/4" (Drilled)
60	AR 608 R	(-)	Seal, Oil Power Shaft Drum Shaft
61	A 310 R	(-)	Screw, Cap (Drilled) (3 used)
62	AR 935 R	(-)	Coupling, Power Shaft, with Rivet (Sub. for AR623R)
	16H 752 R	(-)	Rivet
63	R 761 R	(-)	Shaft, Power, with Coupling

Parts listed below are not illustrated:

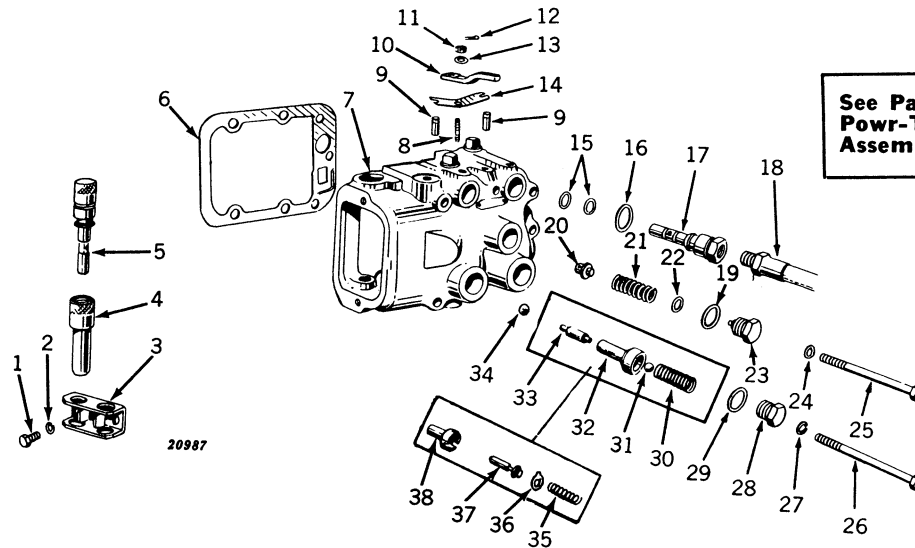
AR 1019 R*	(PTV11397-)	Service Kit, Powr-Trol Pump Consisting of:
R 1230 R	(PTV11397-)	Plate, Pump Wear
R 1231 R	(PTV11397-)	Shaft, Pump Idler Gear
R 1232 R	(PTV11397-)	Shaft, Pump Drive
R 1233 R	(PTV11397-)	Screw, Special Cap, Pump to Housing, 7/16" x 2-3/4" Drilled (10 used)

*When ordered for (-PTV11396) also Furnish One A4130R Bushing, One AR952R Cover, Pump, with Bushing, and One R1165R Gear, Driver.

TRACTOR—MODEL "R"

POWER SHAFT CLUTCH CONTROLS
SERIAL No. PT0100—

Key	Part No.	Serial No.	Description
1	R 301 R	()	Gasket (Packed 5 in a Pkg.)
2	()	()	Wire, 16 Gauge x 12" (2 used)
3	AR 820 R	(PTO100-PTO6641)	Housing, R735R, Powr-Trol with Bearing (Sub. for AR616R) (Sub. AR948R, and on tractors with Powr-Trol PTV100-11396 also furnish R1164R, AR613R, AR949R and AR952R)
	AR 948 R	(PTO6642-)	Housing, R735R, Powr-Trol, with Bushing
4	15H 240 R	()	Plug, Pipe, Used on Tractors Equipped with Power Shaft only
5	F 2597 R	()	Nut, Clutch Lever Pivot Bolt (Special) (Sub. for R777R)
6	R 776 R	()	Bushing, Powershaft Clutch Lever
7	B 178 R	()	Pin, Headed (2 used)
8	R 772 R	(PTO2416)	Handle, Powershaft Clutch Lever
	R 1028 R	(PTO2417-)	Handle, Powershaft Clutch Lever
9	R 771 R	()	Lever, Powershaft Clutch (On PTO100-PTO2416 also Order One R1028R)
10	19H 1373 R	()	Screw, Cap, 5/8" x 2" (2 used)
11	12H 15 R	()	Washer, Lock, 5/8" (2 used)
12	R 281 R	()	Bracket, Clutch Lever
13	D 2031 R	()	Bolt, Clutch Lever Pivot
14	11H 41 R	()	Pin, Cotter, 1/8" x 1" (2 used)
15	R 770 R	()	Rod, Powershaft Operating
16	30H 21 T	()	Plug, Welch (Used on Tractors Equipped with Powershaft only)
17	14H 473 R	()	Nut, 1/2" (Sub. for 14H347R)
18	B 175 R	()	Yoke
19	A 1447 R	()	Gasket (Packed 5 in a Pkg.)
20	R 850 R	()	Cover, Powr-Trol Valve Housing Opening (Used on Tractors Equipped with Powershaft only)
21	F 2275 R	()	Screw, Cap, 1/2" x 3/4" (7 used) (Used on Tractors Equipped with Powershaft only) (Sub. for 19H428R)
22	12H 13 R	()	Washer, Lock, 1/2" (7 used)
23	AR 613 R	()	Seal, Oil Clutch Fork Shaft
24	24H 510 H	()	Washer, Clutch Fork Shaft (Sub. for D136R)
25	26H 14 R	()	Key, Woodruff (2 used)
26	R 729 R	()	Shaft, Clutch Fork
27	AR 607 R	()	Drum, Powershaft Clutch, with Shaft
28	R 727 R	()	Fork, Powershaft Clutch
29	R 728 R	()	Shoe, Powershaft Clutch Fork (2 used)
30	B 1152 R	()	Screw, Cap, 1/2" x 1-1/2" (Drilled) (2 used)
31	R 749 R	()	Gasket, Bottom Cover (Packed 5 in a Pkg.)
32	R 748 R	()	Cover, Bottom
33	12H 11 R	()	Washer, Lock, 3/8" (20 used)
34	19H 218 D	()	Screw, Cap, 3/8" x 1" (6 used) (Sub. for 19H211R)
35	15H 255 R	()	Plug, Pipe
36	R 446 R	()	Snap Ring (2 used)
37	19H 255 N	()	Screw, Cap, 3/8" x 2" (14 used) (Sub. for 19H256R)
38	15H 239 R	()	Plug, Pipe, Used on Tractors with Power Shaft only
39	15H 240 R	()	Plug, Pipe, Power Shaft Clutch Oil Filler and Level
40	R 703 R	()	Gasket, Power Shaft Drum Shaft Bearing Quill (Packed 5 in a Pkg.)
41	R 702 R	()	Quill, Power Shaft Drum Shaft Bearing
42	H 313 R	()	Screw, Cap, Power Shaft Clutch Drum Shaft Bearing Retaining, 5/16" x 3/4" (Drilled)
43	AR 608 R	()	Seal, Oil, Power Shaft Drum Shaft
44	A 310 R	()	Screw, Cap (Drilled) (3 used)
45	AR 935 R	()	Coupling, Power Shaft, with Rivet (Sub. for AR623R)
	16H 752 R	()	Rivet
46	R 761 R	()	Shaft, Power

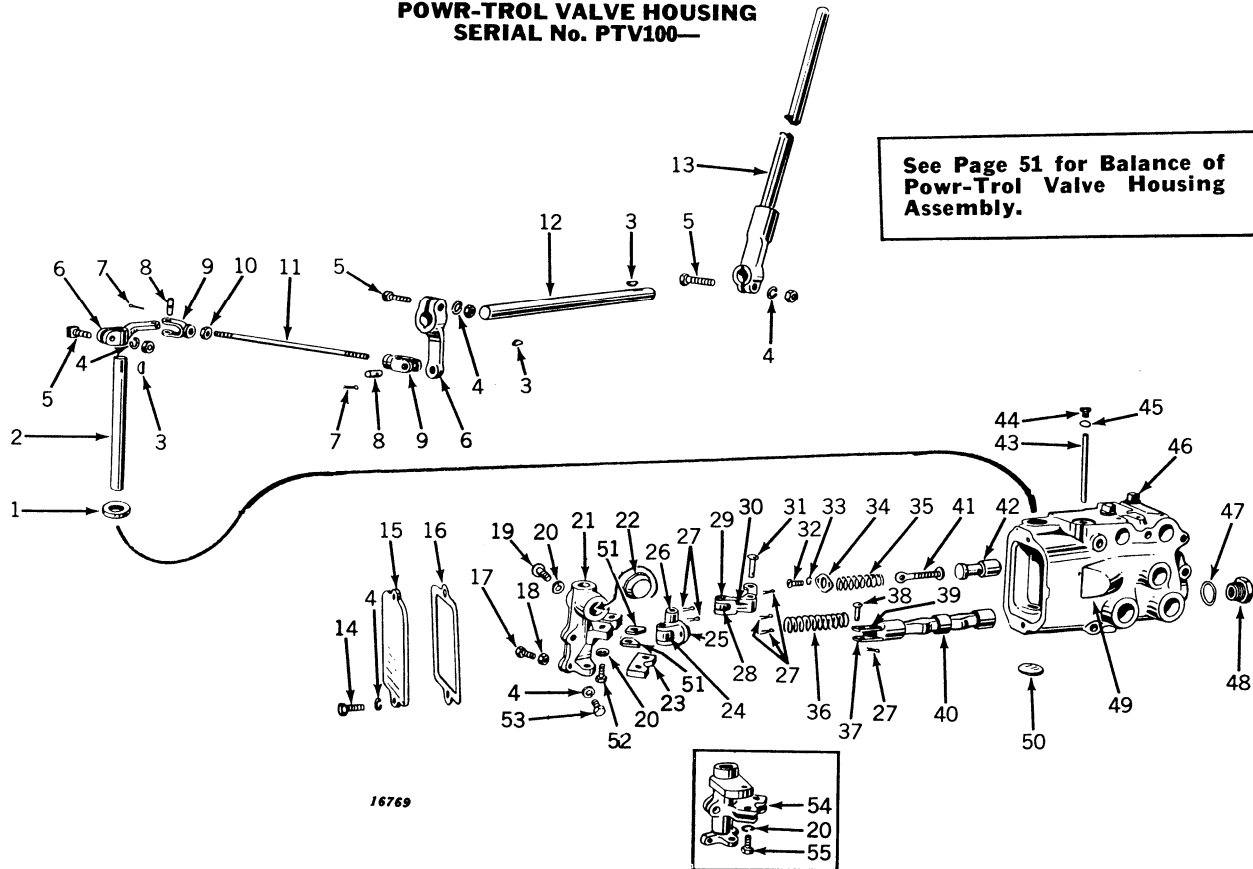
POWR-TROL VALVE HOUSING
SERIAL No. PTV100—


See Page 52 for Balance of
Powr-Trol Valve Housing
Assembly.

Key	Part No.	Serial No.	Description
1	19H 1140 N	()	Screw, Cap, 5/16" x 2" (2 used) (Sub. for 19H96R)
2	12H 10 R	()	Washer, Lock, 5/16" (2 used)
3	AA 3754 R	()	Bracket, Plug
4	A 3614 R	()	Cap (2 used)
5	AA 4981 R	()	Plug (2 used) (Sub. for AA4321R)
6	A 1447 R	()	Gasket (Packed 5 in a Pkg.)
7	AR 629 R	()	Housing, R724R, Valve, Complete (Sub. One AA6313R Housing, A5350R, Complete with Thermal Relief Valve)
	R 724 R	()	Housing only, Without Operating Mechanism (Sub. One AA6313R Housing, A5350R, only, with Thermal Relief Valve)
8	A 3612 R	()	Stud, 5/16" x 1-3/16" (Drilled)
9	A 3609 R	()	Pawl (2 used)
10	A 3611 R	()	Cam
11	14H 511 H	()	Nut, 5/16"
12	11H 3 R	()	Pin, Cotter
13	24H 39 R	()	Washer
14	A 3610 R	()	Spring (Packed 5 in a Pkg.)
15	A 3190 R	()	Packing, "O" Ring (Inner) (4 used) (Packed 10 in a Pkg.)
16	A 3606 R	()	Packing, "O" Ring (Outer) (2 used) (No Longer used) (Packed 10 in a Pkg.)
17	AF 1244 R	()	Coupling, Hose (2 used) (Sub. F907R)
18	AR 1448 R	()	Line, Flexible Oil, 90" Long (2 used) (Sub. for AR628R)
19	R 757 R	()	Gasket
20	R 754 R	()	Valve, Relief
21	R 755 R	()	Spring, Relief Valve
22	24H 2 R	()	Washer, Relief Valve Adjusting
23	R 756 R	()	Plug, Relief Valve Spring
24	A 3105 R	()	Washer (Copper) (Top L.H. Mounting Cap Screw) (Packed 5 in a Pkg.)
25	19H 1182 R	()	Screw, Cap, 1/2" x 5" (3 used) (Sub. for 19H539R)
26	19H 1184 R	()	Screw, Cap, 1/2" x 5-3/4" (4 used) (Sub. for 19H1080R)
27	12H 13 R	()	Washer, Lock, 1/2" (6 used)
28	A 1441 R	()	Plug, Screw (2 used)
29	A 3137 R	()	Washer (2 used)
30	D 1995 R	(PTV6991)	Spring, Check Valve (2 used)
31	D 2361 R	(PTV6991)	Ball, Check Valve (2 used)
32	R 1811 R	(PTV6991)	Valve, Check (2 used) (Sub. for A4132R)
33	A 4133 R	(PTV6991)	Shaft, Check Valve Metering (2 used)
34	D 2361 R	()	Ball, Check Valve (2 used)
35	A 3096 R	(-PTV6990)	Spring, Check Valve (2 used)
36	A 3095 R	(-PTV6990)	Washer, Indexing (2 used)
37	A 3093 R	(-PTV6990)	Valve, Inner Check (2 used) (Sub. AA4799R)*
38	A 3094 R	(-PTV6990)	Valve, Outer Check (2 used) (Sub. AA4799R)*
*	AA 4799 R	(-PTV6990)	Valve, Powr-Trol Check Assembly (Consisting of One R1811R, One A4133R, One D1995R, and One D2361R)

Parts listed below are not illustrated:

R 1239 R	()	Plate, Valve Housing
19H 11 R	()	Screw, Cap, 1/4" x 3/8" (2 used)

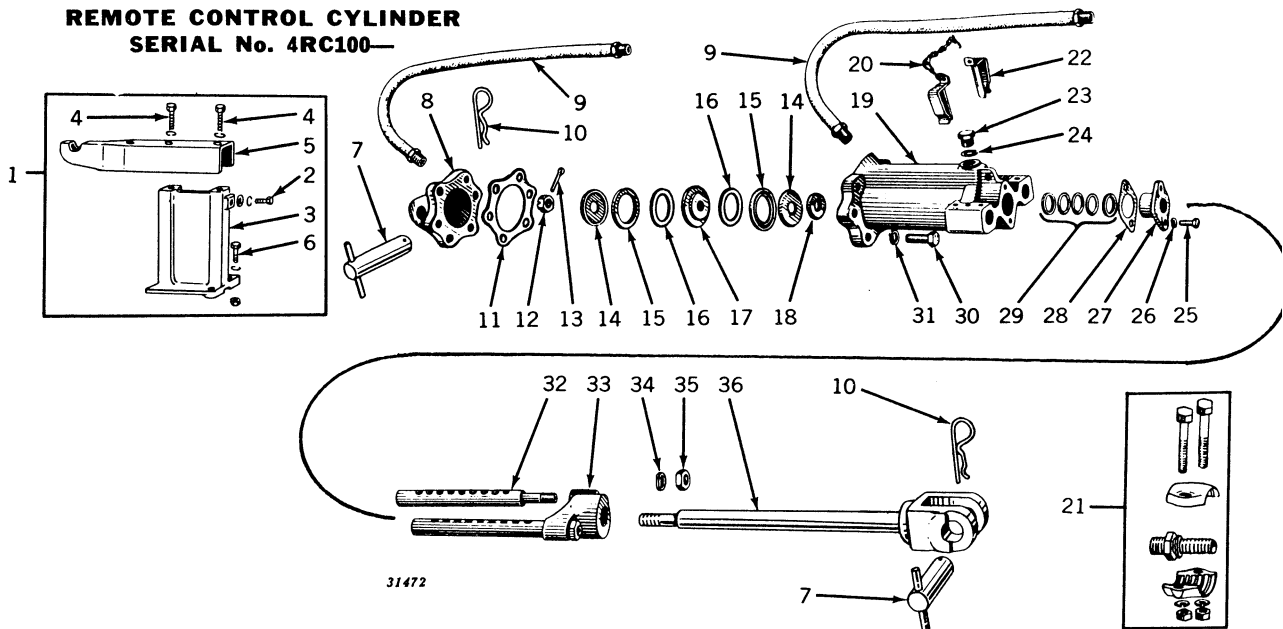
**POWR-TROL VALVE HOUSING
SERIAL No. PTV100—**


16769

Key	Part No.	Serial No.	Description
1	AA 3738 R	()	Seal, Oil, Control Shaft
2	(A 3511 R	(PTV27028	Shaft, Control (Sub. One A5076R and One 26H17R)
3	(A 5076 R	(PTV27029	Shaft, Control
4	(26H 14 R	(PTV27028	Key, Woodruff, in Control Shaft
5	(26H 17 R	(PTV27029	Key, Woodruff, in Control Shaft
6	(26H 14 R	()	Key, Woodruff
7	(12H 11 R	()	Washer, Lock, 3/8" (6 used)
8	(19H 1116 N	()	Screw, Cap, 3/8" x 1-1/2" (Sub. for 8H219R) (3 used)
9	(R 763 R	()	Arm, Lever Shaft (2 used)
10	(11H 22 R	()	Pin, Cotter, 3/32" x 1" (2 used)
11	(R 769 R	()	Pin, Yoke (2 used)
12	(C 284 R	()	Yoke (2 used)
13	(14H 732 R	()	Nut, Jam, 3/8" (2 used)
14	(R 768 R	()	Rod, Operating
15	(AR 764 R	()	Shaft, Lever
16	(AR 624 R	()	Lever, with Hub
17	(F 2272 R	(PTV11243	Screw, Cap, 3/8" x 3/4" (2 used) (Sub. for 19H203R)
18	(24H 154 R	(PTV11244	Washer (2 used)
19	(19H 1255 T	(PTV11244	Screw, Cap, 3/8" x 5/8" (2 used) (Sub. for 19H199R)
20	(A 3116 R	(PTV11243	Cover (Sub. Two 19H1255R, Two 24H154R, and One A4248R)
21	(A 4248 R	(PTV11244	Cover
22	(A 3103 R	()	Gasket (Packed 5 in a Pkg.)
23	(19H 118 T	()	Screw, Cap, 5/16" x 1" (Sub. for 19H112R)
24	(14H 785 R	()	Nut, 5/16" (Sub. for 14H253R)
25	(21H 701 R	(PTV7898	Screw, Machine
26	(12H 10 R	()	Washer, Lock, 5/16" (2 used)
27	(A 4170 R	(PTV7898	Holder, Cam
28	(A 4169 R	(PTV7898	Cam
29	(A 4172 R	(PTV7898	Cam, Centering
30	(A 1433 R	()	Roller, Cam Follower
31	(A 3258 R	()	Pin, Cam Follower Roller
32	(AA 3735 R	()	Arm, Cam Follower, with Roller
33	(11H 22 R	()	Pin, Cotter, 3/32" x 1" (6 used) (Sub. for 11H18R)
34	(A 3108 R	()	Roller, Cam Latch
35	(A 3257 R	()	Pin, Cam Latch Roller
36	(AA 3736 R	()	Latch, Cam, with Roller
37	(A 3114 R	()	Pin, Headed, Cam Latch Rod
38	(21H 597 R	()	Screw, Machine (2 used)
39	(12H 9 R	()	Washer, Lock, 1/4" (2 used)
40	(A 3113 R	()	Retainer, Cam Latch Spring
41	(A 3110 R	()	Spring, Cam Latch
42	(A 3106 R	()	Spring, Cam Follower
43	(A 3123 R	()	Link, Operating Valve (2 used)
44	(A 3126 R	()	Pin, Headed, Operating Valve Link to Cam
45	(A 3124 R	()	Rivet, Operating Valve Link
46	(AA 3734 R	()	Valve, Operating, with Links
47	(A 3234 R	()	Rod, Cam Latch
48	(A 3115 R	()	Valve, Cam Release
49	(A 3437 R	()	Pivot, Cam Follower and Cam Latch (2 used)
50	(A 3438 R	()	Screw, Cap (Special) (2 used)
51	(A 3439 R	()	Washer (Special) (2 used)
52	(15H 238 R	()	Plug, Inspection (2 used)

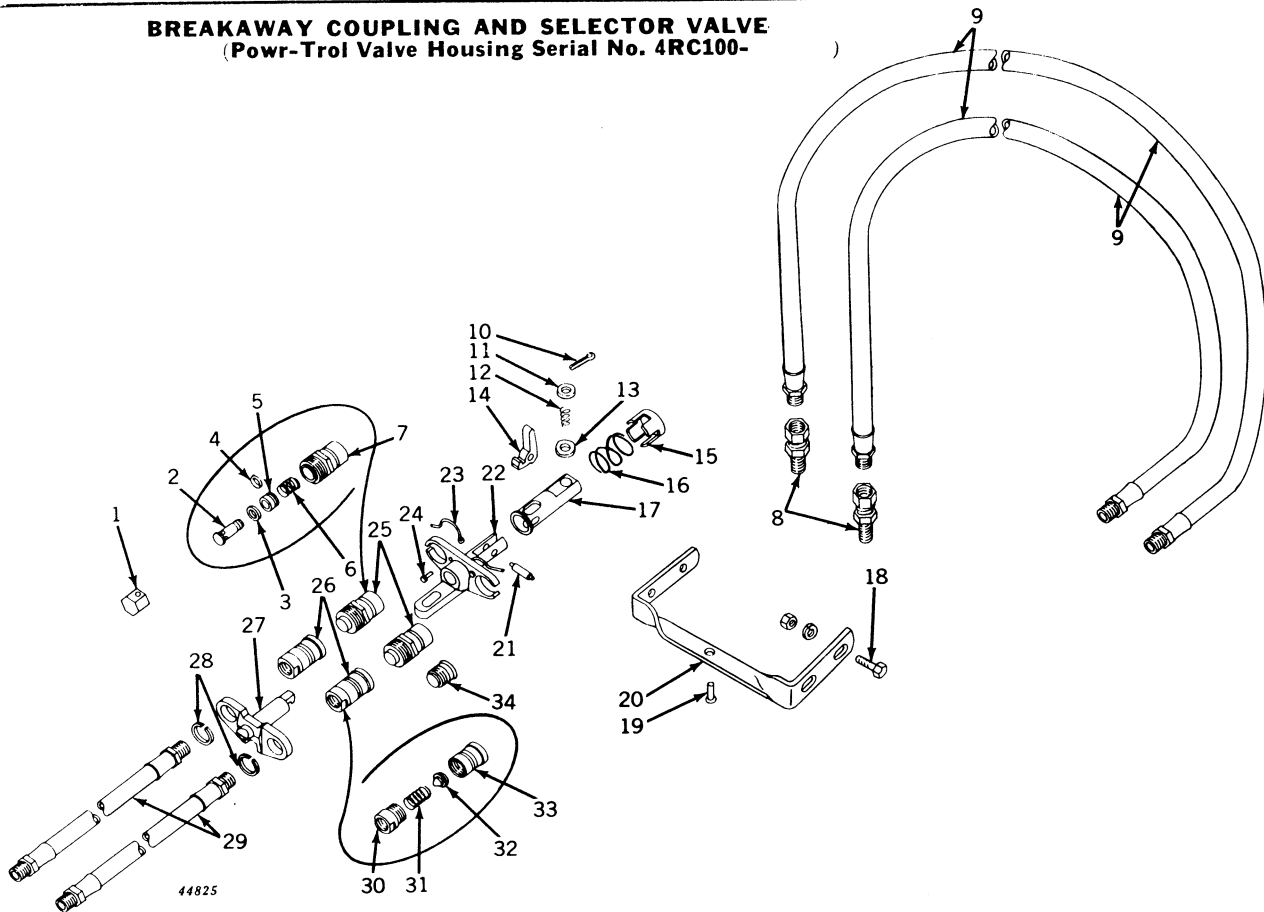
POWR-TROL VALVE HOUSING—Continued

Key	Part No.	Serial No.	Description
47	(A 3136 R (	-	Washer, Operating Valve Stop Plug, .020", Copper
48	(A 3137 R (	-	Washer, Operating Valve Stop Plug, .032", Copper
49	(A 1441 R (	-	Plug, Operating Valve Stop
	(AR 629 R (	-	Housing, R724R, Valve, Complete (Sub. One AA6313R Housing, A5350R, Complete with Thermal Relief Valve)
	(R 724 R (	-	Housing only, Without Operating Mechanism (Sub. One AA6313R Housing, A5350R, only, with Thermal Relief Valve)
50	30H 19 R (	-	Plug, Welch
51	A 3145 R (	-	Blade, Cam (2 used)
52	19H 118 T (	PTV7898-	Screw, Cap, 5/16" x 1" (2 used) (Sub. for 19H112R)
53	F 2273 R (	-	Screw, Cap, 3/8" x 1-1/4" (Sub. for 19H221R and 19H1099R)
54	(A 3144 R (	- PTV7897	Cam (Sub. AA4859R)
	(AA 4859 R (	- PTV7897	Cam, with Holder, Screws and Lock Washers
55	19H 1112 H (	- PTV7897	Screw, Cap, 5/16" x 3/4" (2 used)

REMOTE CONTROL CYLINDER
SERIAL No. 4RC100—

Key	Part No.	Serial No.	Description
1	AR 1657 R (	-	Arm, Remote Cylinder Transport, with Support and Attaching Hardware (Sub. for AR947R)
2	(19H 1056 H (	-	Screw, Cap, 7/16" x 1" (Sub. for 19H325R)
	(12H 12 R (	-	Washer, Lock, 7/16"
	(24H 169 R (	-	Washer
3	R 2620 R (	-	Support, Transport Arm (Sub. for R1161R)
4	(19H 1056 H (	-	Screw, Cap, 7/16" x 1" (2 used) (Sub. for 19H325R)
	(12H 12 R (	-	Washer, Lock, 7/16" (2 used)
5	A 4452 R (	-	Arm, Transport
6	(19H 1166 H (	-	Screw, Cap, 7/16" x 1-1/2" (2 used) (Sub. for 19H340R)
	(12H 12 R (	-	Washer, Lock, 7/16" (2 used)
	(14H 257 R (	-	Nut, 7/16" (2 used)
7	AR 1362 R (	4RC6903-	Pin, Attaching (2 used) (Sub. for AA4282R)
8	F 898 R (	4RC6903-	Cap, End
9	AR 1448 R (	4RC6903-	Oil, Line Flexible, 90" Long (2 used) (Sub. for AR628R)
10	A 3581 R (	4RC6903-	Pin, Spring Locking (2 used)
11	F 829 R (	-	Gasket
12	C 1104 R (	-	Nut (Order AC1325R, Pkg. of 25)
13	11H 49 R (	-	Pin, Cotter, 1/8" x 2" (Sub. for 11H43R)
14	(F 918 R (	4RC10100-4RC23652)	Retainer (2 used) (Sub. F1027R)
	(F 1027 R (	4RC23653-	Retainer, Piston Packing (2 used)
15	F 834 R (	4RC10100-	Packing "U" Cup (2 used)
16	F 919 R (	4RC10100-	Washer, Treated Paper (2 used)
17	AF 1105 R (	4RC10100-	Piston, R916R, with Rings, Retainer, Backing Washer, and Spacer
18	F 833 R (	4RC10100-	Spacer
19	F 827 R (	-	Cylinder
20	(D 2913 R (	-	Link, Chain End (2 used)
	(A 3184 R (	-	Chain
21	AR 836 R (	-	Coupling, Service, for Flexible Oil Line
22	AF 871 R (	-	Pin, Stop, with Spring
23	H 945 R (	-	Plug
24	D 465 R (	-	Gasket
25	(19H 218 D (	4RC100-4RC27458)	Screw, Cap, 3/8" x 1" (2 used) (Sub. for 19H211R)
	(19H 212 R (	4RC27459-	Screw, Cap, 3/8" x 1-1/4" (2 used)
26	12H 11 R (	-	Washer, Lock, 3/8" (2 used)
27	F 836 R (	-	Retainer, Seal
28	(F 837 R (	-	Shim, .010" Thick (4 used)
	(F 838 R (	-	Shim, 1/32" Thick (2 used)
29	AF 872 R (	-	V-Seal Assembly
30	19H 1356 R (	-	Screw, Cap, 5/8" x 1-3/4" (6 used) (Sub. for 19H670R)
31	12H 15 R (	-	Washer, Lock, 5/8" (6 used)
32	F 840 R (	-	Rod (2 used)
33	F 839 R (	-	Stop, Piston Rod
34	12H 17 R (	-	Washer, Lock, 3/4" (2 used)
35	14H 483 R (	-	Nut, 3/4" (2 used) (Sub. for 14H355R)
36	AF 1073 R (	-	Rod, Piston, with Yoke, F899R

BREAKAWAY COUPLING AND SELECTOR VALVE (Powr-Trol Valve Housing Serial No. 4RC100-)



Key	Part No.	Serial No.	Description
1	A 4869 R*	()	Extractor, Tubular Valve (Packed 6 in a Pkg.)
2	A 4855 R*	()	Valve, Tubular (2 used) (Packed 3 in a Pkg.)
3	A 4870 R*	()	Washer, Seal (2 used) (Packed 12 in a Pkg.) (Sub. AA6179R Sleeve and Washer)
4	R 459 R*	()	Packing, "O" Ring (2 used) (Packed 6 in a Pkg.)
5	A 4854 R*	()	Sleeve (2 used) (Sub. AA6179R Sleeve and Washer)
6	A 4853 R*	()	Spring (2 used) (Packed 3 in a Pkg.)
7	A 4852 R*	()	Body, Coupling, Breakaway Frame (2 used)
8	JD 166 R	()	Union Adapter (2 used)
9	AA 5722 R	()	Line, Flexible Oil, Breakaway Coupling (2 used)
10	11H 80 R	()	Pin, Cotter, 3/16" x 1"
11	24H 184 R	()	Washer, 17/32" x 15/16" x 16 Gauge
12	A 1785 R	()	Spring
13	24H 892 R	()	Washer
14	A 4859 R*	()	Latch (Packed 3 in a Pkg.)
15	A 4858 R*	()	Cover, Spring (Sub. AA6337R)
16	A 4857 R*	()	Spring (Sub. AA6337R)
17	A 4856 R*	()	Drawbar
18	(19H 218 D 14H 255 R 12H 11 R)	()	Screw, Cap, 3/8" x 1" (4 used) (Sub. for 19H211R) Nut, 3/8" (4 used) Washer, Lock, 3/8" (4 used)
19	B 146 R	()	Rivet, Special
20	R 1244 R	()	Bracket, Breakaway Coupling
21	A 4860 R*	()	Pin, Latch (Packed 3 in a Pkg.)
22	AA 5727 R*	()	Frame, Breakaway, Tractor Half
23	A 4861 R*	()	Snap Ring (2 used) (Packed 3 in a Pkg.)
24	A 4862 R*	()	Rivet (2 used) (Packed 3 in a Pkg.)
25	AA 5728 R*	()	Coupling, Oil Line, Tractor Half (2 used)
26	AA 5729 R*	()	Coupling, Oil Line, Implement Half (2 used)
27	A 4863 R*	()	Frame, Breakaway, Implement Half
28	A 4864 R*	()	Snap Ring (2 used) (Packed 3 in a Pkg.)
29	AR 1448 R	()	Line, Flexible Oil, 90" Long (2 used) (Sub. for AR628R and AR1051R)
30	A 4866 R*	()	Adapter, Coupling (2 used)
31	A 4867 R*	()	Spring (2 used) (Packed 3 in a Pkg.)
32	A 4871 R*	()	Valve, Poppet (2 used) (Packed 3 in a Pkg.)
33	A 4865 R*	()	Body, Coupling, Breakaway Oil Line (2 used)
34	A 4868 R*	()	Cap, Dust (2 used) (Packed 6 in a Pkg.)

(Parts listed below are assemblies of parts in this grouping.)

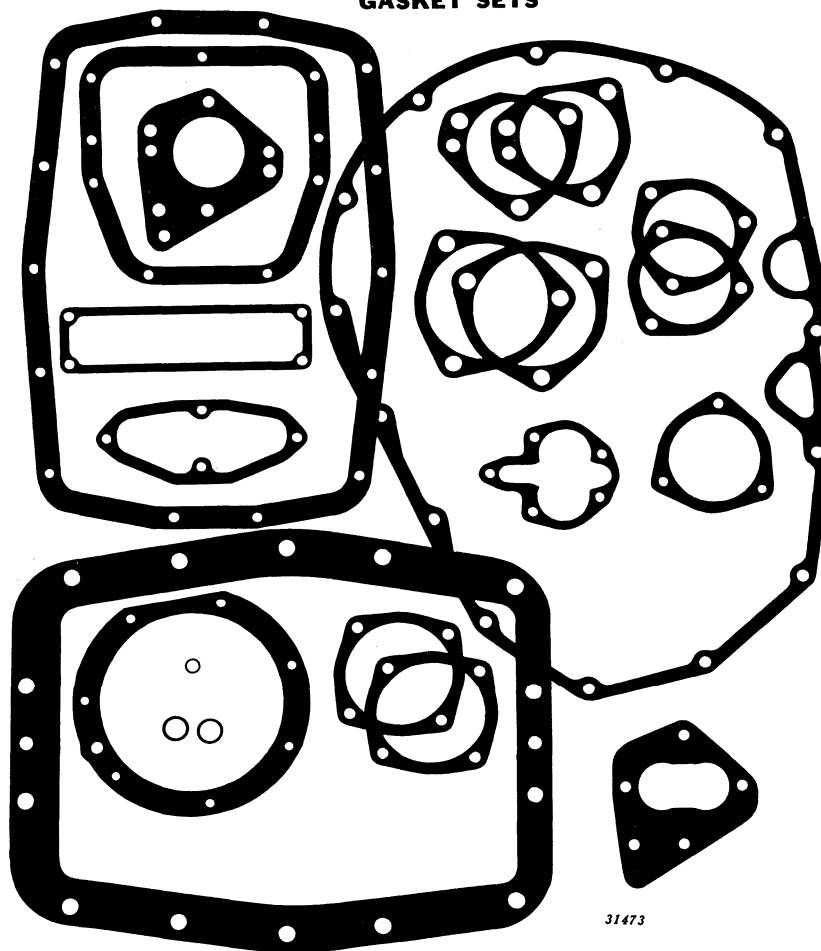
AR 1033 R () Oil Line Breakaway Coupling, Complete and Selector Valve (ATTACHMENT)

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.

*See AA5726R, above.

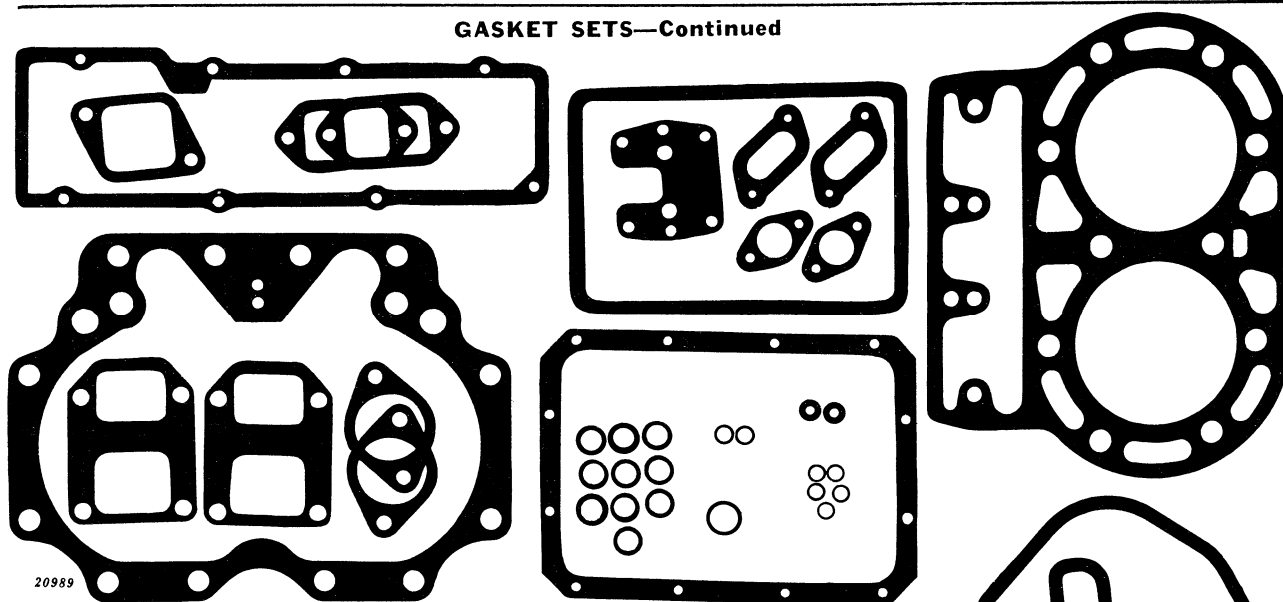


GASKET SETS

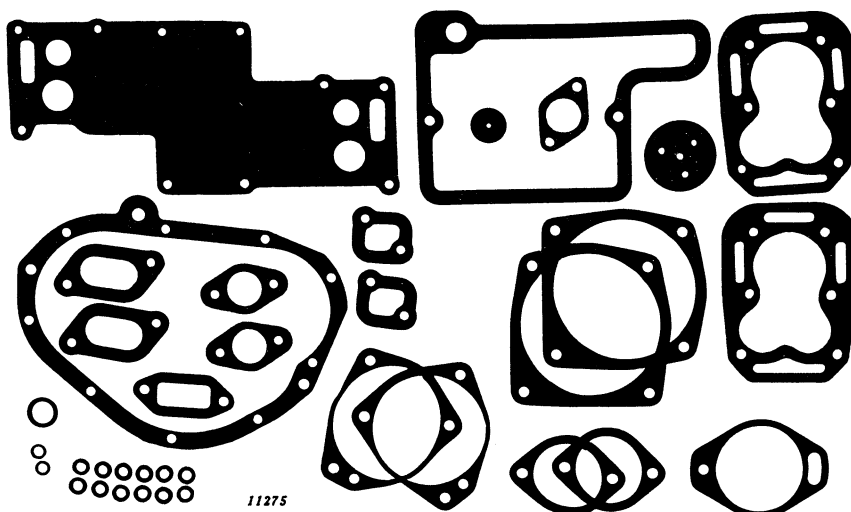


Part No.	Serial No.	Description
AR 713 R (-)		Gasket Set for Model "R"—Transmission and Rear End Overhaul—Consisting of:
2—F 173 R		Shim, Differential Left-Hand Bearing Housing
1—R 32 R		Gasket, Rear Axle Housing to Case
2—R 90 R		Shim, Countershaft Left-Hand Bearing Cover
2—R 99 R		Shim, Sliding Gear Shaft Left-Hand Bearing Cover
1—R 264 R		Gasket, First Reduction Gear Cover
1—R 267 R		Gasket, Pulley Dust Shield
1—R 301 R		Gasket, Rear Axle Housing Cover
1—R 394 R		Packing, "O" Ring, Transmission Oil Intake Pipe
1—R 396 R		Gasket, Transmission Oil Sump Cover
1—R 401 R		Gasket, Transmission Oil Pump Body
2—R 495 R		Packing, "O" Ring, Brake Lever Shaft
2—R 498 R		Gasket, Brake Housing
1—R 516 R		Gasket, Transmission Case Cover
1—R 531 R		Gasket, Gear Shifter Shaft Cover
1—R 1057 R		Gasket, Transmission Oil Pump Cover
1—R 1058 R		Gasket, Transmission Oil Pump
1—R 1468 R		Gasket, Clutch Fork Bearing (Sub. for R279R)

GASKET SETS—Continued

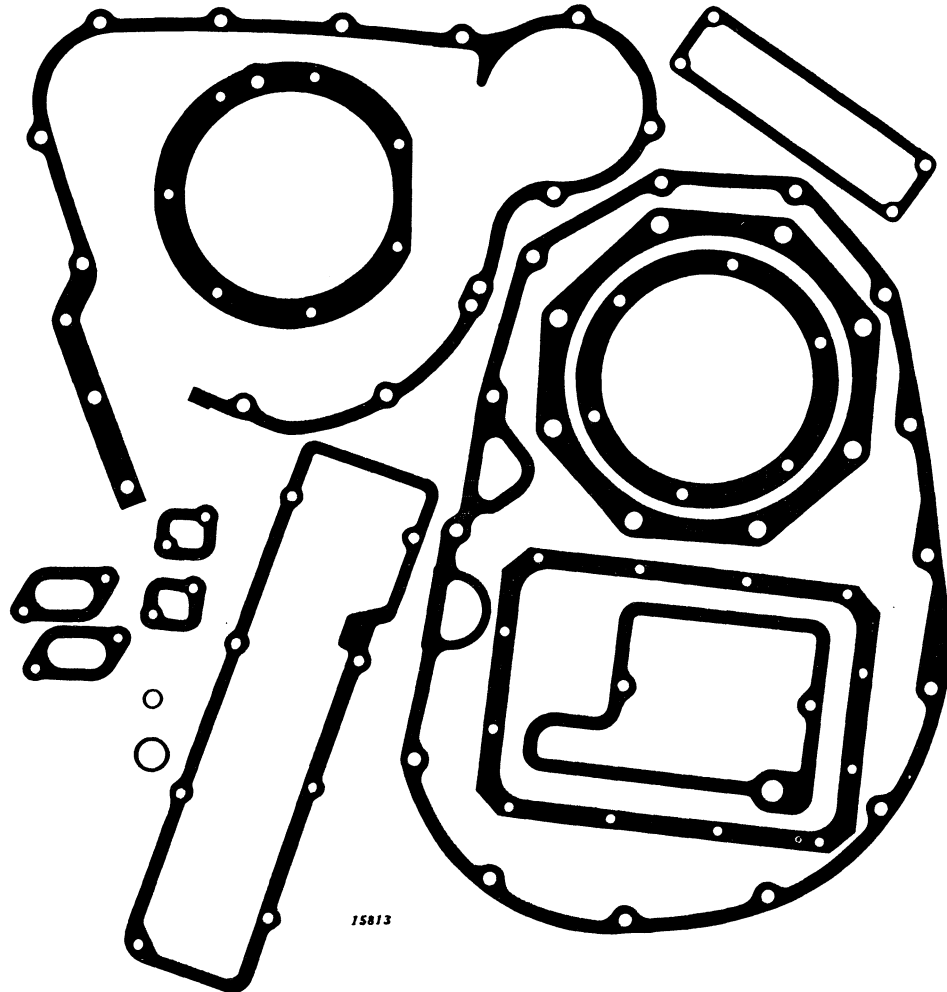


Part No.	Serial No.	Description
AR 712 R (	- )	Gasket Set for Model "R"—Valve, Ring and Cylinder Replacement—Consisting of:
10—	264 R	Washer, Lead, Cylinder Head Stud
1—A	3439 R	Gasket, Tappet Lever Cover to Cylinder Head Cap Screw (Sub. for B214R)
2—A	3439 R	Gasket, Tappet Lever Cover to Tappet Lever Bracket Cap Screw (Sub. for B214R)
2—A	3439 R	Gasket, Cylinder Cover to Cylinder Stud (Sub. for B214R)
1—R	6 R	Gasket, Air Intake Pipe Flange
2—R	21 R	Gasket, Upper Water Pipe and Exhaust Outlet
1—R	51 R	Gasket, Cylinder Head
1—R	61 R	Gasket, Cylinder Cover
1—R	150 R	Gasket, Tappet Lever Cover
2—R	185 R	Gasket, Upper Water Pipe—Upper
2—R	188 R	Gasket, Lower Water Pipe
1—R	319 R	Gasket, Timing Gear Housing Cover
1—R	409 R	Gasket, Crankcase Cover
1—R	456 R	Gasket, Injection Pump Bracket to Cylinder
1—R	459 R	Packing, "O" Ring, Injection Pump Control Rod Guide
1—R	459 R	Packing, "O" Ring, Fuel Filter Head to Cylinder Tube
1—R	460 R	Packing, "O" Ring, Injection Pump Control Rod Guide
2—R	463 R	Washer, Injector
2—R	599 R	Gasket, Exhaust Pipe Flange (S.E.)
2—R	602 R	Gasket, Cylinder Water Outlet to Main Case (S.E.)
1—R	790 R	Gasket, Cylinder to Main Case (S.E.)
1—R	1261 R	Gasket, Cylinder to Case (Sub. for R50R)



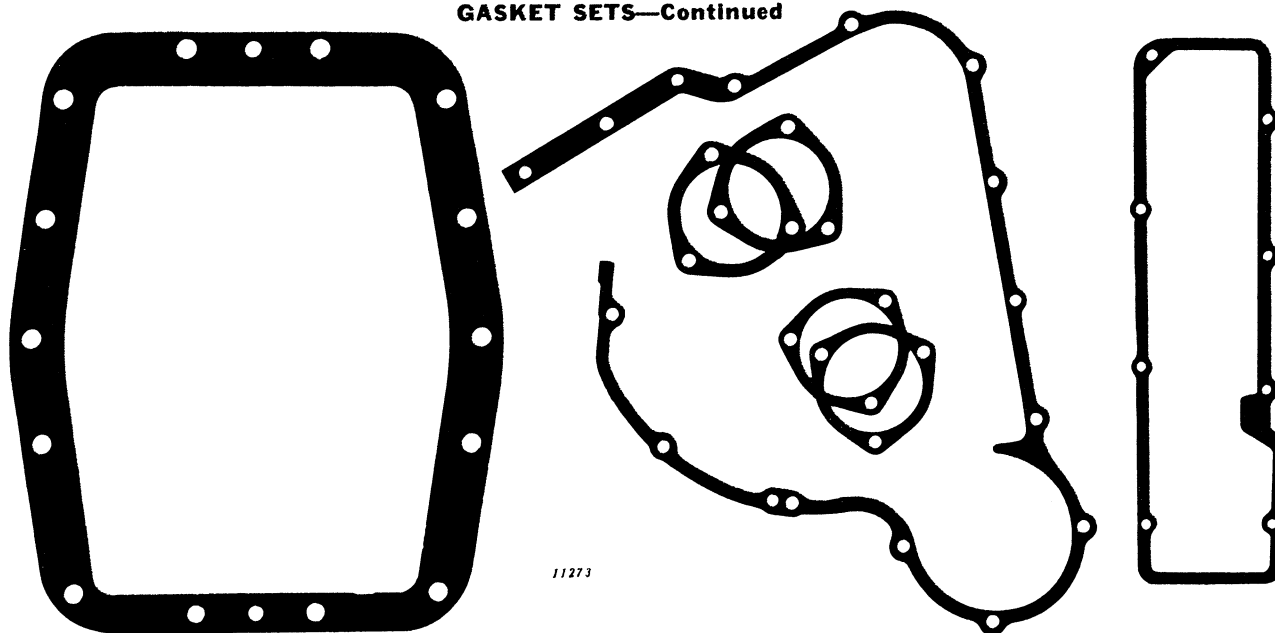
GASKET SETS—Continued

Part No.	Serial No.	Description
AR 715 R (	-	Gasket Set for Model “R”—Starting Engine - Consisting of:
1	A 5272 R	Gasket, Magneto (S.E.) (Sub. for A500R)
12	-K 2052 R	Washer, Lead, Cylinder Head to Cylinder Stud (S.E.)
1	-R 495 R	Packing, “O” Ring, Oil Drain Plug (S.E.)
1	-R 559 R	Gasket, Timing Gear Cover (S.E.)
2	-R 599 R	Gasket, Exhaust Pipe Flange (S.E.)
2	-R 601 R	Gasket, Cylinder Water Inlet to Cylinder (S.E.)
2	-R 602 R	Gasket, Cylinder Water Inlet to Main Case (S.E.)
1	-R 604 R	Gasket, Engine Cover Water Outlet (S.E.)
1	-R 612 R	Gasket, Engine Cover and Manifold (S.E.)
2	-R 624 R	Shim, Main Bearing Housing (S.E.)
1	-R 640 R	Gasket, Carburetor (S.E.)
1	-R 642 R	Gasket, Gasoline Tank (S.E.)
2	-R 686 R	Shim, Clutch Shaft Bearing Housing (S.E.)
2	-R 698 R	Gasket, Cylinder Head (S.E.)
1	-R 790 R	Gasket, Cylinder to Main Case (S.E.)
1	-R 793 R	Gasket, Oil Filler and Level Cap (S.E.)
2	-R 818 R	Shim, Transmission Housing (S.E.)
2	-R 1129 R	Gasket, Nozzle, Carburetor (S.E.)



Part No.	Serial No.	Description
AR 714 R (	-	Gasket Set for Model “R”—Crankshaft and Bearing Replacement - Consisting of:
1	-R 151 R	Gasket, Timing Gear Housing
1	-R 264 R	Gasket, First Reduction Gear Cover
1	-R 267 R	Gasket, Pulley Dust Shield
1	-R 319 R	Gasket, Timing Gear Housing Cover
1	-R 349 R	Gasket, Right-Hand Main Bearing Housing
1	-R 356 R	Gasket, Crankshaft Oil Slinger Housing
1	-R 409 R	Gasket, Crankcase Cover
1	-R 459 R	Packing, “O” Ring, Injection Pump Control Rod Guide
1	-R 460 R	Packing, “O” Ring, Injection Pump Control Rod Guide
2	-R 601 R	Gasket, Cylinder Water Outlet to Cylinder (S.E.)
2	-R 602 R	Gasket, Cylinder Water Inlet to Main Case (S.E.)
1	-R 790 R	Gasket, Cylinder to Main Case (S.E.)
1	-R 1468 R	Gasket, Clutch Fork Bearing (Sub. for R279R)

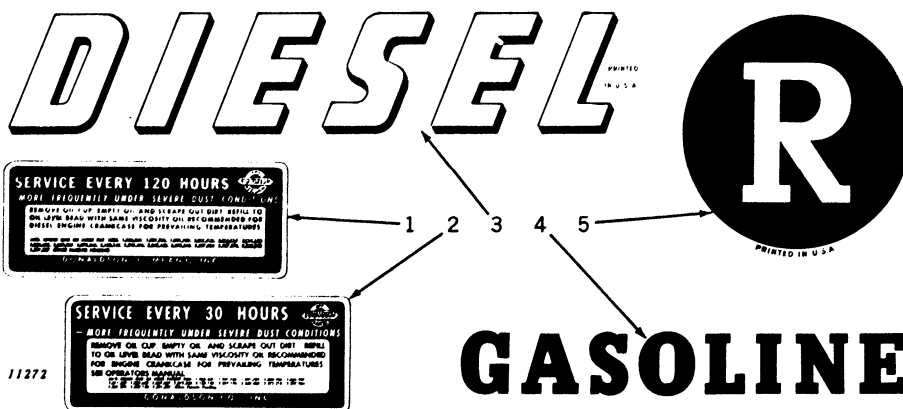
GASKET SETS—Continued



11273

Part No.	Serial No.	Description
AR 716 R (	)	Gasket Set for Model "R" Power Shaft Drive - Consisting of:
1 R	32 R	Gasket, Rear Axle Housing to Case
2 R	99 R	Shim, Power Shaft Drive Shaft Housing
2 R	132 R	Shim, Power Shaft Bevel Pinion Housing
1 R	151 R	Gasket, Timing Gear Housing
1 R	319 R	Gasket, Timing Gear Housing Cover

DECALCOMANIA SET



11272

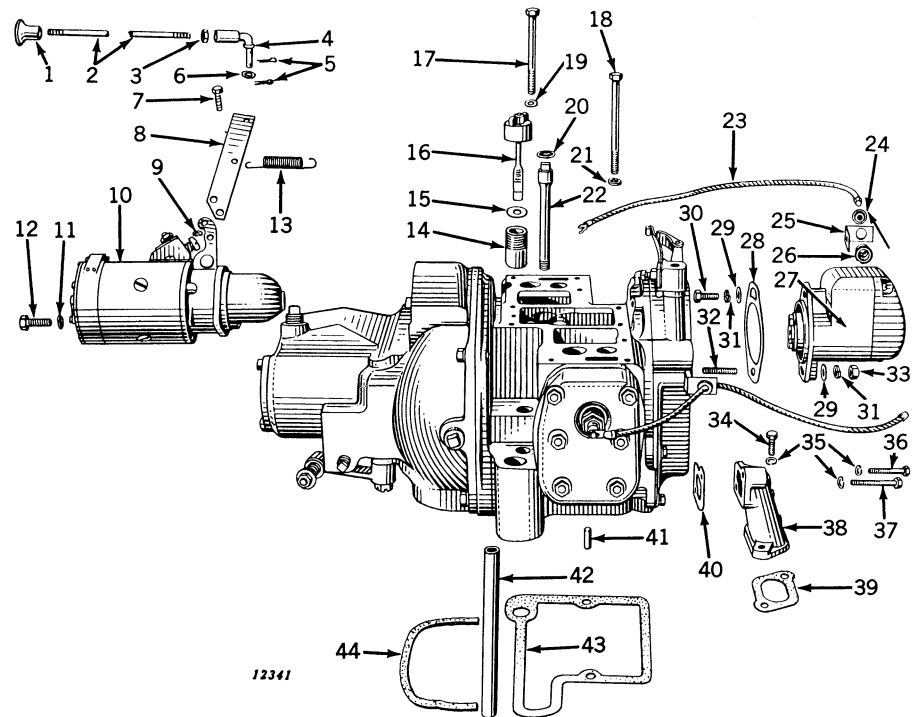
Key	Part No.	Serial No.	Description
	AR 722 R (	)	Decalcomania Set* for Model "R" - Consisting of:
1			R 846 R Transfer, Air Cleaner (S.E.)
2			B 1567 R Transfer, Air Cleaner (Diesel)
3			R 1240 R Transfer, Diesel, Hood (2 used)
4			R 853 R Transfer, Gasoline
5			R 1240 R Transfer, Model Designation (2 used)

Parts listed below are not illustrated.

AA 5398 R	Kit, Solvent (For Applying "Kwik-Strip" Decals) (Not Furnished)
R 1221 R	Transfer, "6 V"
JD 113 R	Transfer, John Deere, Seat
JD 115 R	Transfer, John Deere, Hood (2 used)

*Individual Part Not Sold.

STARTING ENGINE STARTER, MAGNETO AND MOUNTING BOLTS

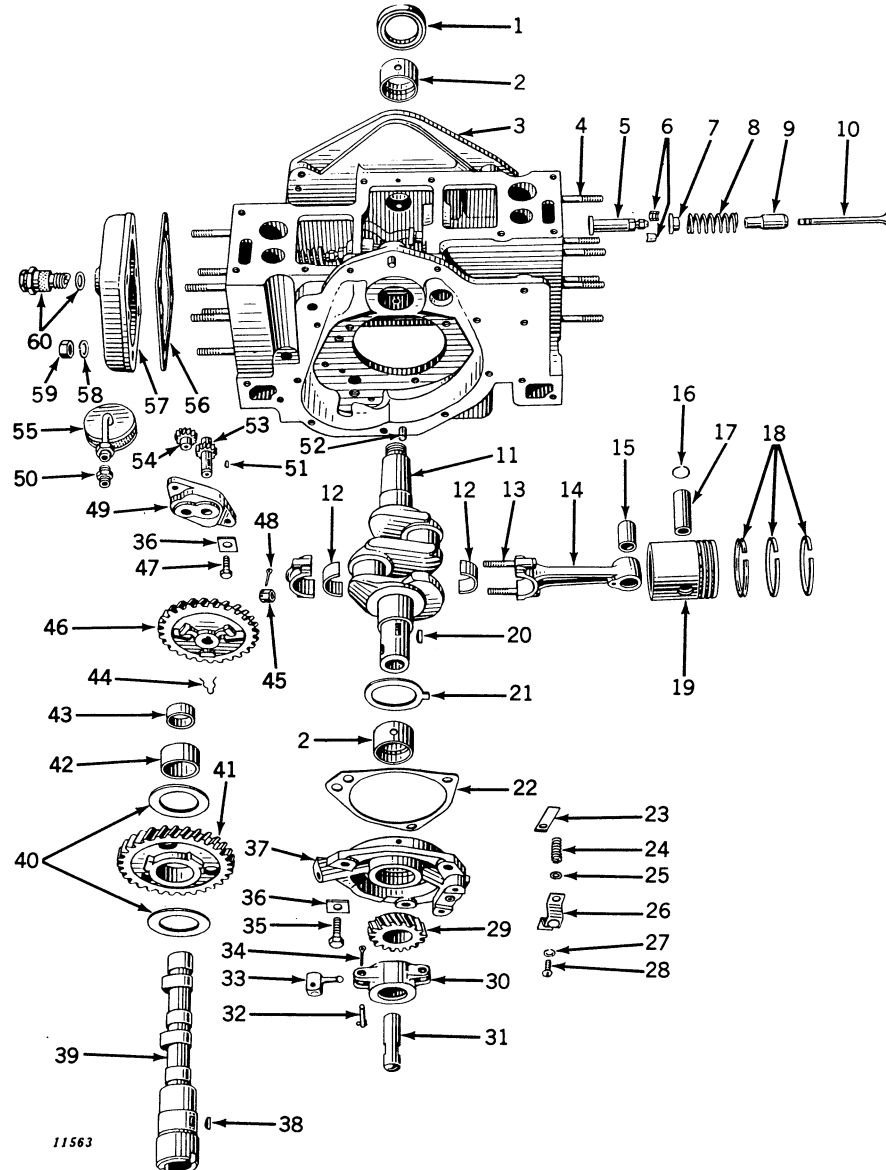


Key	Part No.	Serial No.	Description
1	R 858 R	()	Button, Starter Rod
2	R 666 R	()	Rod, Starter
3	14H 338 R	()	Nut, Jam, Starter Rod
4	D 157 R	()	End, Starter Rod
5	11H 22 R	()	Pin, Cotter, 3/32" x 1" (2 used) (Sub. for 11H18R)
6	24H 132 R	()	Washer, Starter Rod
7	19H 1112 H	()	Screw, Cap, 5/16" x 3/4" (2 used) (Starting Motor Extension to Shift Lever) (Sub. for 19H105R)
8	R 829 R	()	Extension, Starting Motor Shift Lever
9	12H 10 R	()	Washer, Lock, 5/16" (2 used)
10	AR 857 R	()	Motor, Starting (Delco-Remy No. 1107082) (Sub. for AR510R)
11	12H 12 R	()	Washer, Lock, 7/16" (2 used)
12	(19H 1056 R)	()	Screw, Cap, 7/16" x 1" (2 used) (Sub. for 19H325R)
	(14H 785 R)	()	Nut, 5/16" (2 used) (Starting Motor Extension to Shift Lever Screw) (Sub. for 19H253R)
13	R 830 R	()	Spring
14	R 693 R	()	Tube, Oil Filler
15	R 793 R	()	Gasket, Oil Filler Cap
16	(AR 554 R)	()	Cap, Oil Filler, with Rod
	(AR 643 R)	()	Cap, Oil Filler, with Rod
17	19H 1182 R	()	Screw, Cap, 1/2" x 5" (3 used) (Sub. for 19H539R)
18	19H 1128 H	()	Screw, Cap, 1/2" x 6" (Sub. for 19H545R)
19	A 3105 R	()	Washer (Copper)
20	(R 495 R)	()	Packing, "O" Ring, Oil Drain Plug
	(R 993 R)	()	Bushing, Oil Drain Plug
21	12H 13 R	()	Washer, Lock, 1/2" (3 used)
22	R 794 R	()	Plug, Oil Drain
23	AA 6141 R	()	Cable, Spark Plug (2 used) (Sub. for AB3481R)
24	H 987 R	()	Grommet, Spark Plug Cable (2 used)
25	R 118 R	()	Clip, Spark Plug Cable to Timing Gear Housing (2 used)
26	A 3539 R	()	Nipple, Spark Plug Cable (2 used)
27	AR 410 R	()	Magneto
28	A 5272 R	()	Gasket (Sub. for A500R)
29	24H 154 R	()	Washer (2 used)
30	F 2273 R	()	Screw, Cap, 3/8" x 1-1/4" (Sub. for 19H221R and 19H1099R)
31	12H 11 R	()	Washer, Lock, 3/8" (2 used)
32	C 2175 R	()	Stud, 3/8" x 1-13/16"
33	14H 255 R	()	Nut, 3/8" (Sub. for 14H382T)
34	19H 118 T	()	Screw, Cap, 5/16" x 1" (4 used) (Sub. for 19H112R)
35	12H 10 R	()	Washer, Lock, 5/16" (8 used)
36	F 2271 R	()	Screw, Cap, 5/16" x 1-3/4" (Special) (2 used) (Sub. for 19H139R)
37	19H 150 R	()	Screw, Cap, 5/16" x 2-1/4" (Special) (2 used)
38	R 600 R	()	Inlet, Cylinder Water (2 used)
39	R 602 R	()	Gasket, Cylinder Water Inlet to Main Case (2 used)
40	R 601 R	()	Gasket, Cylinder Water Inlet to Cylinder (2 used)
41	A 4879 R	()	Pin, Dowel, Starting Engine to Main Case (2 used) (Sub. for B153R)
42	R 696 R	()	Tube, Breather
43	R 790 R	()	Gasket, Cylinder to Main Case
44	R 677 R	()	Packing, Felt, Clutch Housing

Part listed below is not illustrated:

15H 253 R	()	R3765-	Plug, Pipe, Oil Lead Hole (For Checking Oil Pressure)
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STARTING ENGINE CRANKSHAFT, PISTONS AND ASSOCIATED PARTS



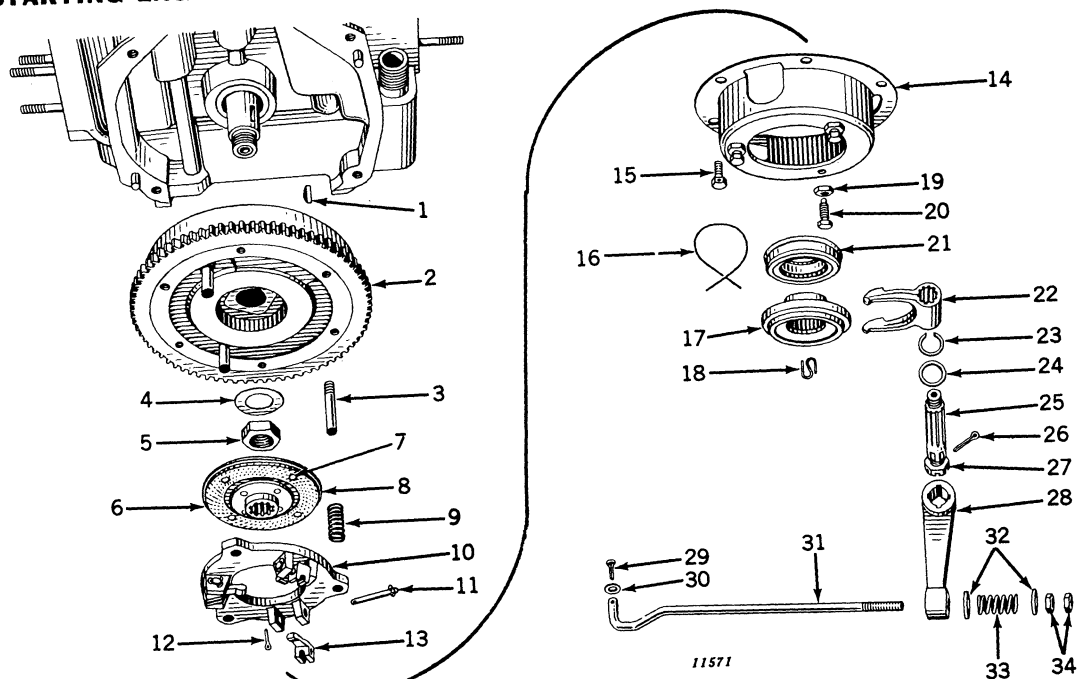
STARTING ENGINE CRANKSHAFT, PISTONS AND ASSOCIATED PARTS—Continued

Key	Part No.	Serial No.	Description
1	AR 531 R	()	Seal, Oil
2	AR 697 R	()	Bushing, Main Bearing (Set of 2)
	AR 21356 R	()	Bushing, Main Bearing, .002" Undersize (Set of 2) (One Set used)
	AR 21357 R	()	Bushing, Main Bearing, .004" Undersize (Set of 2) (One Set used)
	AR 21358 R	()	Bushing, Main Bearing, .020" Undersize (Set of 2) (One Set used)
	AR 21359 R	()	Bushing, Main Bearing, .022" Undersize (Set of 2) (One Set used)
3	AR 700 R	()	Cylinder, R690R, Assembly (On R1000-R2300, also Order One AR643R and One R793R) (On R1000-R2649, also Order One R794R)
4	R 699 R	()	Stud, Cylinder Head to Cylinder, 3/8" x 2-1/2" (12 used)
5	AR 414 R	()	Follower, Cam (4 used)
6	R 789 R	()	Lock, Retainer, Valve Spring (8 used)
7	R 788 R	()	Cap, Valve Spring (4 used)
8	R 787 R	()	Spring, Valve (Set of 4) (4 used)
9	AR 847 R	()	Guide, Valve (Set of 4) (4 used) (Sub. R691R)
10	R 786 R	()	Valve, R786R, Exhaust (Set of 2) (Sub. for AR640R)
	R 785 R	()	Valve, R785R, Inlet (Set of 2) (Sub. for AR641R)
11	AR 698 R	()	Crankshaft, R614R, with Nut, Key and Washer
12	AR 694 R	()	Bearing, Connecting Rod (2 used)
	AR 21352 R	()	Bearing, Connecting Rod, .002" Undersize (2 used)
	AR 21353 R	()	Bearing, Connecting Rod, .004" Undersize (2 used)
	AR 21354 R	()	Bearing, Connecting Rod, .020" Undersize (2 used)
	AR 21355 R	()	Bearing, Connecting Rod, .022" Undersize (2 used)
13	R 587 R	()	Bolt, Connecting Rod (4 used) (Sub. AR831R Bolt and Nut)
14	AR 693 R	()	Rod, R585R, Connecting (2 used)
15	AR 695 R	()	Bushing, Piston Pin (Set of 2)
16	R 592 R	()	Snap Ring, Piston Pin (4 used)
17	R 590 R	()	Pin, Piston (Set of 2) (Sub. for AR690R)
18	AR 692 R	()	Rings, Piston (Set of 6)
	AR 21350 R	()	Rings, Piston, .045" O.S. (Set of 6)
19	AR 691 R	()	Pistons, Two R589R, with Rings, Pins, etc.
	AR 21348 R	()	Pistons, Two R21147R, .045" O.S., with Rings
	AR 21349 R	()	Piston, One R21147R, .045" O.S., with Rings
	AR 21351 R	()	Piston, One R589R, with Rings
20	26H 17 R	()	Key, Woodruff
21	R 622 R	()	Washer, Thrust, Main Bearing
22	R 624 R	()	Shim, Main Bearing Housing, .005" Paper (3 used) (Packed 5 in a Pkg.)
23	R 568 R	()	Spring, Leaf, Oil Relief
24	A 1280 R	()	Spring, Oil Relief
25	24H 132 R	()	Washer, Oil Pressure Adjusting
26	AF 3911 R	()	Bracket, Oil Relief Spring, with Pin (Sub. for AR515R)
27	12H 9 R	()	Washer, Lock, 1/4" (2 used)
28	21H 597 R	()	Screw, Mach. (2 used)
29	R 615 R	()	Gear, Crankshaft (Sub. for AR868R)
30	R 552 R	()	Support, Governor Weight
31	R 553 R	()	Plunger, Governor
32	F 3326 R	()	Pin, Governor Weight (2 used) (Packed 10 in a Pkg.) (Sub. for C902R)
33	AR 689 R	()	Weight, Governor (2 used) (Sub. for R5R)
34	11H 22 R	()	Pin, Cotter, 3/32" x 1" (4 used) (Sub. for 11H18R)
35	19H 218 D	()	Screw, Cap, 3/8" x 1" (3 used) (Sub. for 19H211R)
36	H 246 R	()	Plate, Lock (4 used)
37	AR 696 R	()	Housing, R620R, Main Bearing, with Bushing, Washer and Tube
	R 623 R	()	Tube, Oil Relief
38	26H 10 R	()	Key, Woodruff
39	R 503 R	()	Camshaft
40	R 507 R	()	Washer, Camshaft Thrust (2 used)
41	R 504 R	()	Gear, Camshaft (Sub. for AR866R)
42	R 978 R	()	Bushing, Camshaft, Outer (Sub. for AR702R)
43	R 977 R	()	Bushing, Camshaft, Inner (Sub. for AR701R)
44	R 446 R	()	Snap Ring
45	R 1080 R	()	Nut, Hex., Connecting Rod Bolts (4 used) (Sub. for R588R)
46	R 563 R	()	Gear, Oil Pump Drive (Sub. for AR885R)
47	19H 1112 H	()	Screw, Cap, 5/16" x 3/4" (2 used)
48	11H 3 R	()	Pin, Cotter, 1/16" x 1/2" (4 used)
49	R 560 R	()	Body, Oil Pump
50	D 2429 R	()	Connector, Oil Pump Strainer Tube to Cylinder
51	26H 70 R	()	Key, Woodruff
52	A 4879 R	()	Pin, Dowel (2 used) (Sub. for B153R)
53	R 562 R	()	Gear, Oil Pump Driver
54	R 561 R	()	Gear, Oil Pump Idler
55	AR 513 R	()	Strainer, Oil Pump
56	R 698 R	()	Gasket, Cylinder Head (2 used) (Packed 10 in a Pkg.)
57	R 697 R	()	Head, Cylinder (2 used)
58	K 2052 R	()	Washer, Lead (12 used) (Packed 50 in a Pkg.)
59	14H 255 R	()	Nut, 3/8" (12 used)
60	AA 4053 R	()	Spark Plug (Champion) (2 used)
	AA 5972 R	()	Spark Plug (AC85 Com.) (2 used)
	AR 715 R	()	Gasket Set, Starting Engine*

*See pages 55 to 58 for illustrations and contents of gasket sets.

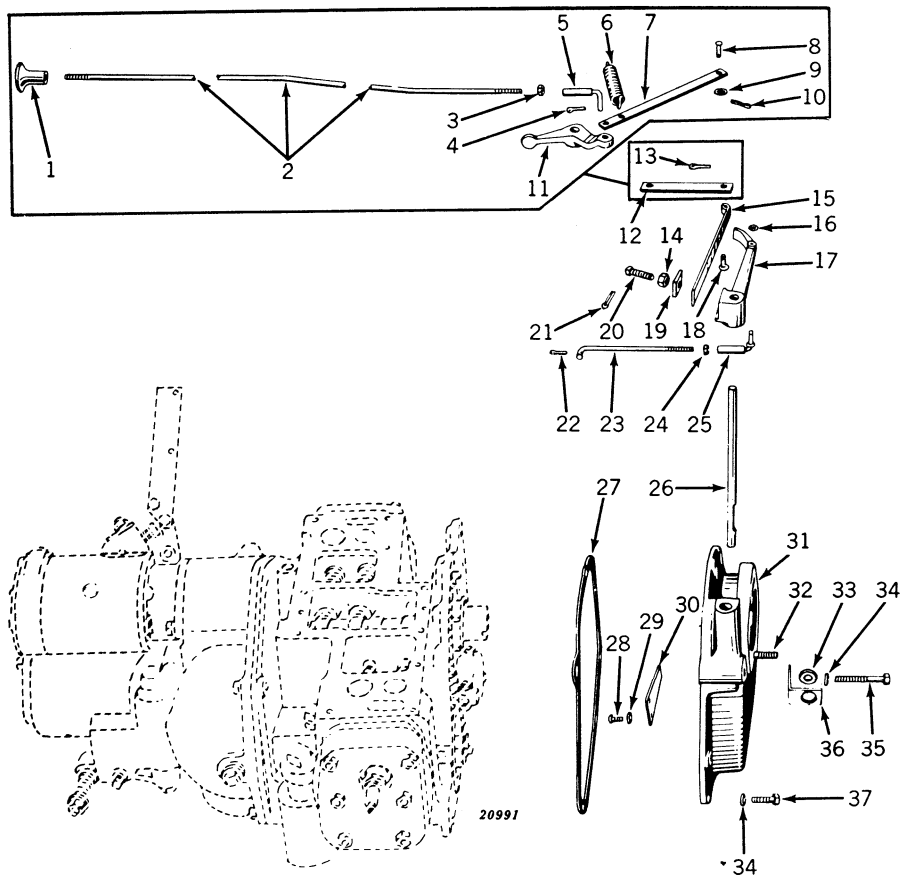
TRACTOR—MODEL "R"

STARTING ENGINE FLYWHEEL, CLUTCH AND CLUTCH OPERATING PARTS



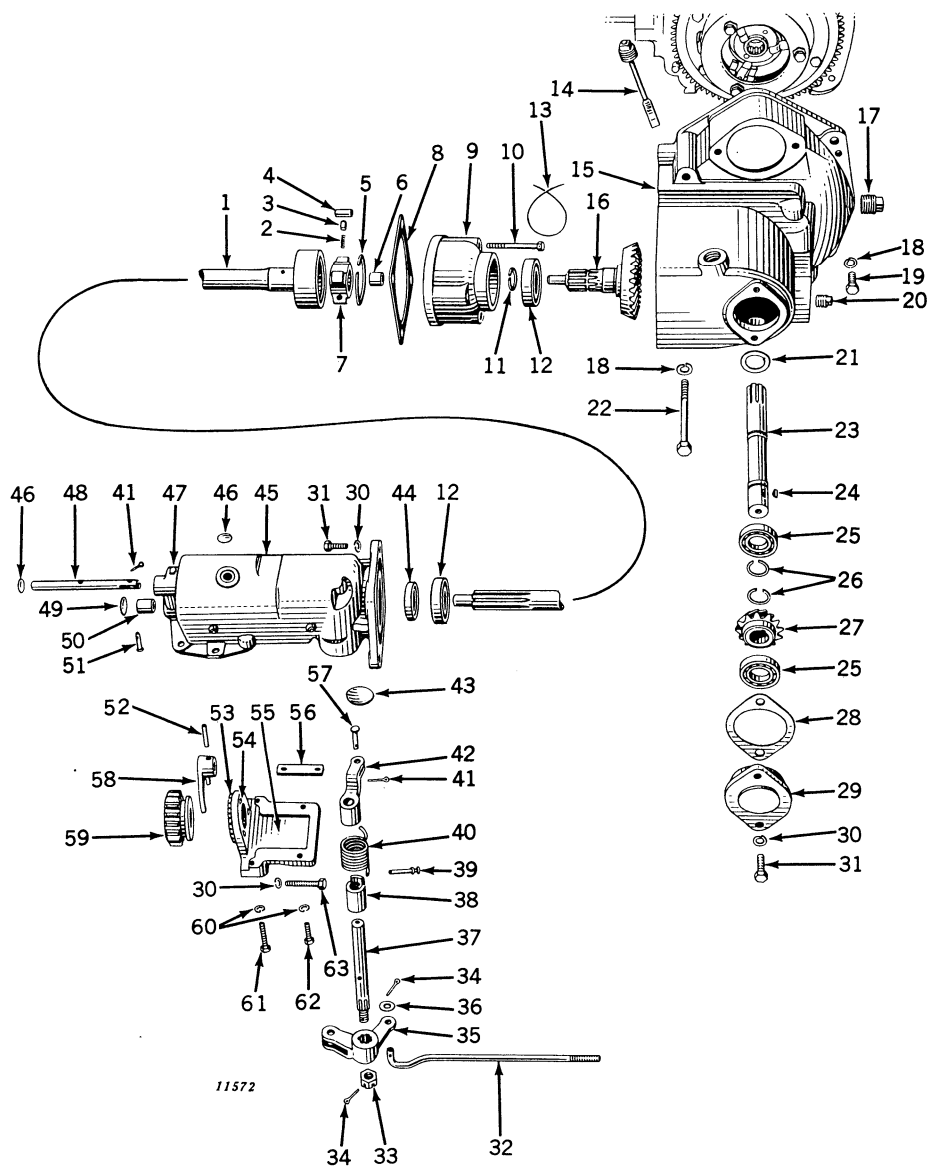
Key	Part No.	Serial No.	Description
1	26H 17 R	-	Key, Woodruff
2	AR 699 R	-	Flywheel, R617R, with Starter Gear
	F 2265 R	-	Gear, Starter Ring (Sub. for R618R and AR879R)
3	R 619 R	-	Gear, Starter Drive (3 used)
4	24H 61 R	-	Pin, Clutch Drive (3 used)
5	14H 655 R	-	Washer, Lock, Crankshaft Nut
6	AR 20327 R	-	Nut, Flywheel Retaining, 1"
7	D 1761 R	-	Disk, Clutch, with Facings (Sub. for AR546R)
8	R 669 R	-	Rivet (4 used)
9	R 673 R	-	Facing, Clutch (2 used)
10	AR 905 R	-	Spring, Clutch Adjusting Disk (3 used)
11	R 672 R	-	Disk, R670R, Clutch Adjusting, with Toggles (Sub. for AR547R)
12	11H 22 R	-	Disk, R670R, Clutch Adjusting, with Toggles (Sub. for AR547R)
13	R 671 R	-	Pin, Clutch Toggle (3 used)
14	AR 548 R	-	Pin, Cotter, 3/32" x 1" (6 used) (Sub. for 11H18R)
15	D 916 R	-	Pin, Cotter, 3/32" x 1" (6 used) (Sub. for 11H18R)
16	R 681 R	-R3043	Toggle, Clutch (3 used)
17	R 991 R	-R3034	Cover, Clutch
18	R 869 R	-	Wire, 16 Gauge x 30" Long
19	14H 732 R	-	Collar, Clutch Release Bearing (Sub. One R991R and One R992R)
20	R 675 R	-	Collar, Clutch Release Bearing
21	AF 2408 R	-R3043	Spring (2 used)
22	R 682 R	-	Nut, 3/8" (3 used)
	R 992 R	-R3044	Screw, Clutch Adjusting (3 used)
23	A 369 R	-	Bearing, Clutch Release (Sub. for AR555R)
24	24H 448 R	-	Fork, Clutch (Sub. One R991R and One R992R)
25	R 683 R	-	Fork, Clutch
26	11H 41 R	-	Snap Ring
27	14H 524 R	-	Washer
28	R 684 R	-	Shaft, Clutch Fork
29	11H 22 R	-	Pin, Cotter, 1/8" x 1"
30	24H 154 R	-	Nut, Clutch Fork Shaft (Sub. for D1930R)
31	R 659 R	-	Nut, Clutch Fork Shaft
32	24H 550 R	-	Arm, Clutch Fork Shaft
33	K 2172 R	-	Pin, Cotter, 3/32" x 1" (Sub. for 11H19R)
34	14H 732 R	-	Washer
		-	Rod, Clutch Control
		-	Washer (2 used)
		-	Spring
		-	Nut, 3/8" (2 used)

STARTING ENGINE GOVERNOR CONTROL



Key	Part No.	Serial No.	Description
1	B 1951 R	(-R7899)	Knob, Control
2	R 664 R	(-R7899)	Rod, Speed Control
3	14H 338 R	(-R7899)	Nut, Jam, 1/4"
4	11H 39 R	(-R7899)	Pin, Cotter, 1/8" x 3/4"
5	D 157 R	(-R7899)	End, Speed Control Rod
6	C 1224 R	(-R7899)	Spring, Speed Control Arm
7	R 661 R	(-R7899)	Link, Speed Control
8	R 662 R	(-R7899)	Pin, Headed
9	24H 132 R	(-R7899)	Washer (2 used)
10	11H 22 R	(-R7899)	Pin, Cotter, 3/32" x 1" (Sub. for 11H18R)
11	R 663 R	(-R7899)	Arm, Speed Control
12	R 1130 R	(R7900-)	Link, Governor Spring
13	11H 22 R	(-)	Pin, Cotter, 3/32" x 1" (Sub. for 11H18R)
14	14H 255 R	(-)	Nut, 3/8" (Sub. for 14H382T)
15	B 2636 R	(-)	Spring, Speed Change
16	24H 132 R	(R7900-)	Washer
17	R 558 R	(-)	Arm, Governor
18	R 1131 R	(R7900-)	Pin, Headed
19	B 274 R	(-)	Clamp, Speed Change Spring
20	22H 87 R	(-)	Screw, Set
21	11H 22 R	(-)	Pin, Cotter, 3/32" x 1" (Sub. for 11H18R)
22	11H 22 R	(-)	Pin, Cotter, 3/32" x 1" (Sub. for 11H18R)
23	R 554 R	(-)	Rod, Throttle
24	14H 338 R	(-)	Nut, Jam, 1/4"
25	D 2887 R	(-)	End, Throttle Rod
26	R 557 R	(-)	Shaft, Governor Lever (On R1000-R7969 also furnish one 11H22R Cot-ter Pin)
	11H 22 R	(R7970 -)	Pin, Cotter, 3/32" x 1" in Governor
27	R 559 R	(-)	Gasket, Timing Gear Cover
28	21H 597 R	(-)	Screw, Machine, 1/4" x 1/2" (2 used)
29	12H 9 R	(-)	Washer, Lock, 1/4" (2 used)
30	R 556 R	(-)	Lever, Governor
31	R 555 R	(-)	Cover, Timing Gear
32	C 2175 R	(-)	Stud, Magneto Mounting, 3/8" x 1-13/16"
33	H 987 R	(-)	Grommet, Spark Plug Cable (2 used)
34	12H 10 R	(-)	Washer, Lock, 5/16" (9 used)
35	19H 150 R	(-)	Screw, Cap, 5/16" x 2-1/4" (2 used)
36	R 118 R	(-)	Clip, Spark Plug Cable (2 used)
37	19H 118 T	(-)	Screw, Cap, 5/16" x 1" (7 used) (Sub. for 19H112R)

STARTING ENGINE TRANSMISSION

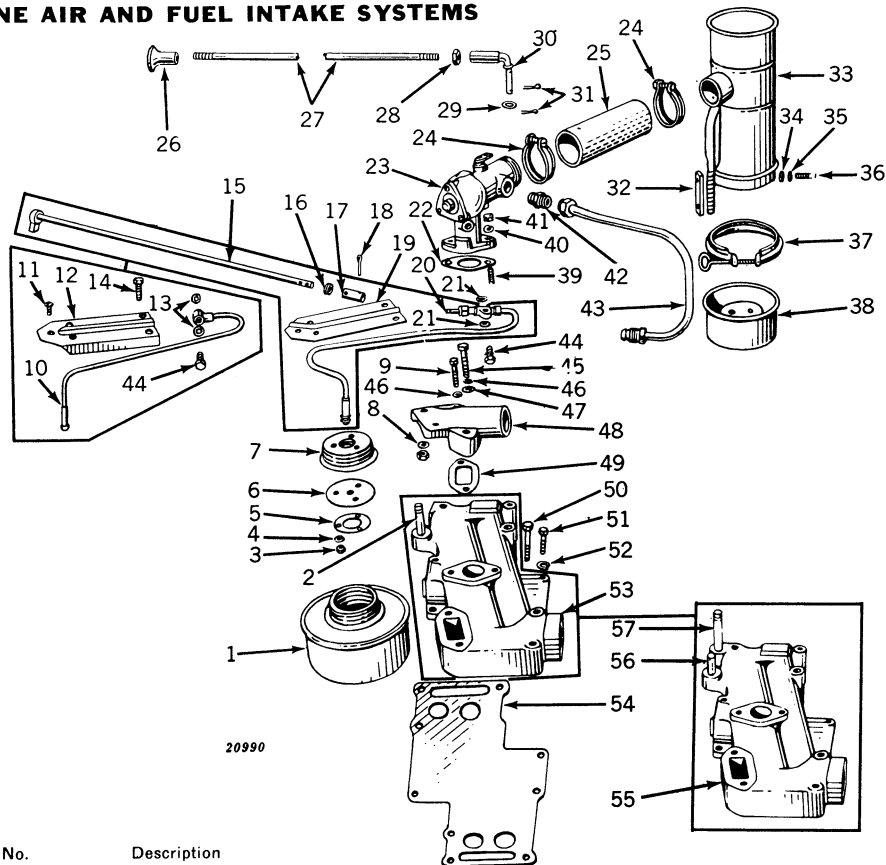


STARTING ENGINE TRANSMISSION—Continued

Key	Part No.	Serial No.	Description
1	R 797 R	()	Shaft, Transmission Drive
2	R 801 R	()	Spring, Over-Running Clutch Plunger (4 used)
3	R 800 R	()	Plunger, Over-Running Clutch (4 used)
4	R 820 R	()	Roller, Over-Running Clutch (4 used)
5	R 802 R	()	Snap Ring, Over-Running Clutch Roller
6	JD 8825 R	()	Bearing (Sub. for AR574R)
7	AR 934 R	()	Hub, Over-Running Clutch (Sub. R799R)
8	R 818 R	()	Shim, Paper, Transmission Housing (2 used) (Packed 5 in a Pkg.)
9	R 807 R	()	Quill, Transmission Bevel Gear Bearing
10	R 808 R	()	Screw, Cap, 5/16" x 3" (3 used)
11	F 534 R	()	Snap Ring, Transmission Bevel Gear
12	JD 7190 R	()	Bearing (2 used)
13		()	Wire, 16 Gauge x 15" Long
14	AR 552 R	()	Plug, Transmission Oil Filler, with Rod
15	R 676 R	()	Housing, Clutch
16	R 806 R	()	Gear, Transmission Bevel (Sub. for AR880R)
17	15H 238 R	()	Plug, Pipe
18	12H 12 R	()	Washer, Lock, 7/16" (4 used)
19	19H 337 N	()	Screw, Cap, 7/16" x 1-1/4" (2 used)
20	15H 225 R	()	Plug, Pipe
21	AR 551 R	()	Seal, Oil
22	19H 1687 R	()	Screw, Cap, 7/16" x 4-3/4" (2 used) (Sub. for 19H405R)
23	R 678 R	()	Shaft, Clutch (Sub. for AR550R)
24	26H 10 R	()	Key, Woodruff
25	JD 7129 R	()	Bearing, Clutch Shaft (2 used)
26	A 602 R	()	Snap Ring (2 used)
27	R 680 R	()	Pinion, Transmission Bevel (Sub. for AR899R)
28	R 686 R	()	Shim, Paper, Clutch Shaft Bearing Housing
29	R 685 R	()	Housing, Clutch Shaft Bearing
30	12H 11 R	()	Washer, Lock, 3/8" (6 used)
31	19H 218 D	()	Screw, Cap, 3/8" x 1" (6 used) (Sub. for 19H211R)
32	R 659 R	()	Rod, Clutch Control
33	14H 524 R	()	Nut, Transmission Operating Shaft, 1/2" (Sub. for D1930R)
34	11H 41 R	()	Pin, Cotter, 1/8" x 1" (2 used)
35	R 817 R	()	Arm, Transmission Operating Shaft
36	24H 550 R	()	Washer
37	R 809 R	()	Shaft, Transmission Operating
38	(R 811 R	(-R5319)	Sleeve, Transmission Operating
	(R 1120 R	R5320-	Sleeve, Transmission Operating
39	R 812 R	()	Pin, Transmission Operating Shaft
40	R 810 R	()	Spring, Transmission Operating Shaft
41	11H 22 R	()	Pin, Cotter, 3/32" x 1" (2 used) (Sub. for 11H18R)
42	R 813 R	()	Lever, Transmission Shifter
43	30H 22 R	()	Plug, Welch
44	AR 531 R	()	Seal, Oil
45	AR 558 R	()	Housing, R795R, Transmission, with Bushing and Oiler
46	30H 11 R	()	Plug, Welch (2 used)
47	E 2302 RT	()	Oiler
48	R 815 R	()	Shaft, Transmission Shifter
49	30H 13 R	()	Plug, Welch
50	R 796 R	()	Bushing, Transmission Drive Shaft
51	A 3126 R	()	Pin, Headed
52	25H 97 R	()	Pin, Groove, Transmission Shifter
53	R 805 R	()	Facing, Transmission Housing Cover
54	D 2593 R	()	Rivet, Transmission Pinion Brake to Transmission Cover (3 used)
55	AR 560 R	()	Cover, R804R, Transmission Housing, with Facing
56	R 814 R	()	Link, Transmission Shifter
57	A 3114 R	()	Pin, Headed
58	R 816 R	()	Shifter, Transmission Sliding Pinion
59	R 803 R	()	Pinion, Transmission (Sub. for AR900R)
60	12H 10 R	()	Washer, Lock, 5/16" (4 used)
61	F 2271 R	()	Screw, Cap, 5/16" x 1-3/4" (2 used) (Sub. for 19H139R)
62	19H 118 T	()	Screw, Cap, 5/16" x 1" (2 used) (Sub. for 19H112R)
63	F 2279 R	()	Screw, Cap, 3/8" x 1-3/4" (2 used) (Sub. for 19H242R)



STARTING ENGINE AIR AND FUEL INTAKE SYSTEMS

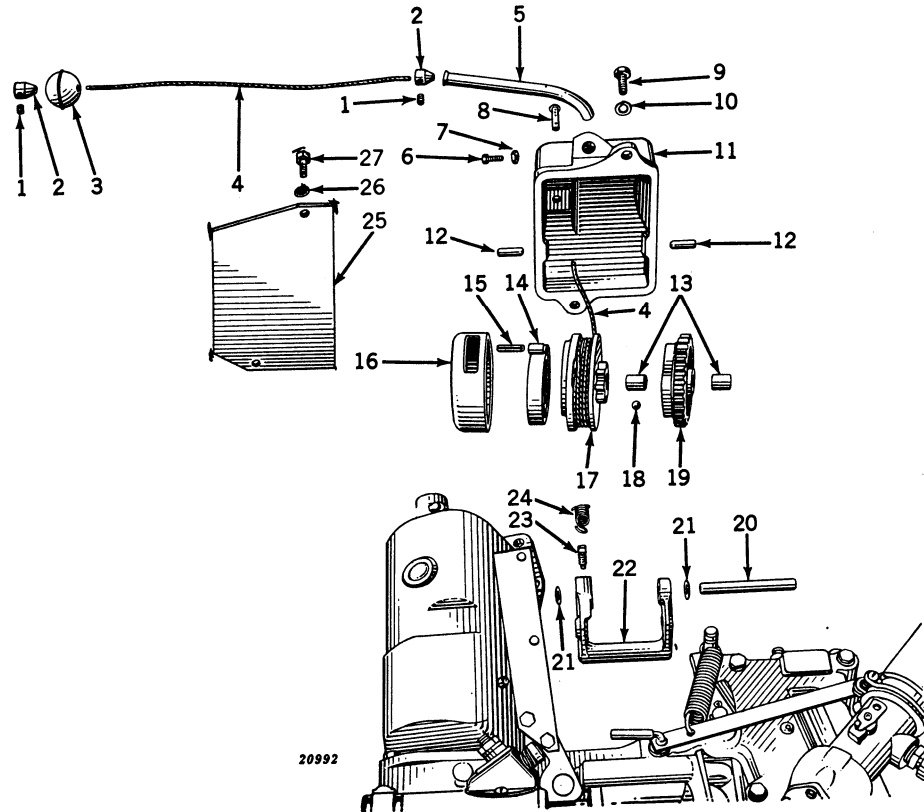


Key	Part No.	Serial No.	Description
1	AR 721 R	(R7900 -	Tank, Gasoline
2	R 1136 R	-	Pin, Governor Spring Link
3	14H 338 R	-	Nut, Jam, 1/4" (3 used)
4	12H 9 R	-	Washer, Lock, 1/4" (3 used)
5	R 644 R	-	Washer (Special)
6	R 642 R	-	Gasket, Gasoline Tank (Packed 5 in a Pkg.)
7	R 641 R	-	Cap, Gasoline Tank
8	12H 10 R	-	Washer, Lock, 5/16" (2 used)
9	19H 1286 H	-	Screw, Cap, 5/16" x 2" (Sub. for 19H143R)
10	154-520	-R7899	Pipe, Gasoline (Sub. AR851R)
11	21H 605 R	-	Screw, Mach., 1/4" (3 used)
12	R 643 R	-	Bracket, Gasoline Tank
13	16A 146	-R7899	Gasket, Gasoline Pipe to Carburetor Lead (2 used) (Sub. R1129R)
14	19H 1112 H	-	Screw, Cap, 5/16" x 3/4" (2 used) (Sub. for 19H105R)
15	(AR 936 R	R7900-	Rod, Gasoline Shut-Off, with Handle
16	R 1156 R	R7900-	Handle, Gasoline Shut-Off Rod
17	R 1134 R	R7900-	Grommet
18	R 1132 R	R7900-	Coupling
19	11H 22 R	R7900-	Pin, Cotter (2 used) 3/32" x 1" (Sub. for 11H19R)
20	R 643 R	-	Bracket, Gasoline, Tank
21	AR 851 R	R7900-	Line, Gasoline, with Shut-Off Valve
22	R 1129 R	R7900-	Washer (Lead) (2 used)
23	R 640 R	-	Gasket, Carburetor
24	R 536 R	-R7899	Carburetor, with Gasoline Pipe (Sub. One AR850R, One AR851R, and One R643R)
25	AR 850 R	(R7900-	Carburetor, with Nozzle and Lead Washers
26	H 141 R	-	Clamp, Hose (2 used)
27	R 613 R	-	Hose, Carburetor Air Intake
28	B 1951 R	-	Knob, Control
29	R 665 R	-	Rod, Choke
30	14H 338 R	-	Nut, Jam
31	24H 132 R	-	Washer
32	D 157 R	-	End, Choke Rod
33	11H 22 R	-	Pin, Cotter, 3/32" x 1" (2 used) (Sub. for 11H18R)
34	R 847 R	-	Spacer, Air Cleaner
35	AR 921 R	-	Air Cleaner (Sub. AR538R)
36	24H 143 R	-	Washer (2 used)
37	12H 10 R	-	Washer, Lock, 5/16" (2 used)
38	A 3612 R	-	Stud (2 used) (Sub. for H172R)
39	AR 600 R	-	Clamp, Air Cleaner Cup
40	AR 599 R	-	Cup, Air Cleaner
41	A 3612 R	-	Stud, 5/16" x 1-3/16" (2 used)
42	12H 10 R	-	Washer, Lock, 5/16" (2 used)
43	14H 785 R	-	Nut, 5/16" (2 used) (Sub. for 14H253R)
44	D 2440 R	-	Connector
45	AR 524 R	-	Pipe, Crankcase Ventilator
46	19H 172 E	-	Nozzle, Carburetor (Order AR732R Carburetor Parts Kit)
47	12H 10 R	-	Screw, Cap, 5/16" x 3-3/4"
48	24H 143 R	-	Washer, Lock, 5/16" (2 used)
49	R 603 R	-	Washer
50		-	Outlet, Engine Cover Water



STARTING ENGINE AIR AND FUEL INTAKE SYSTEMS—Continued

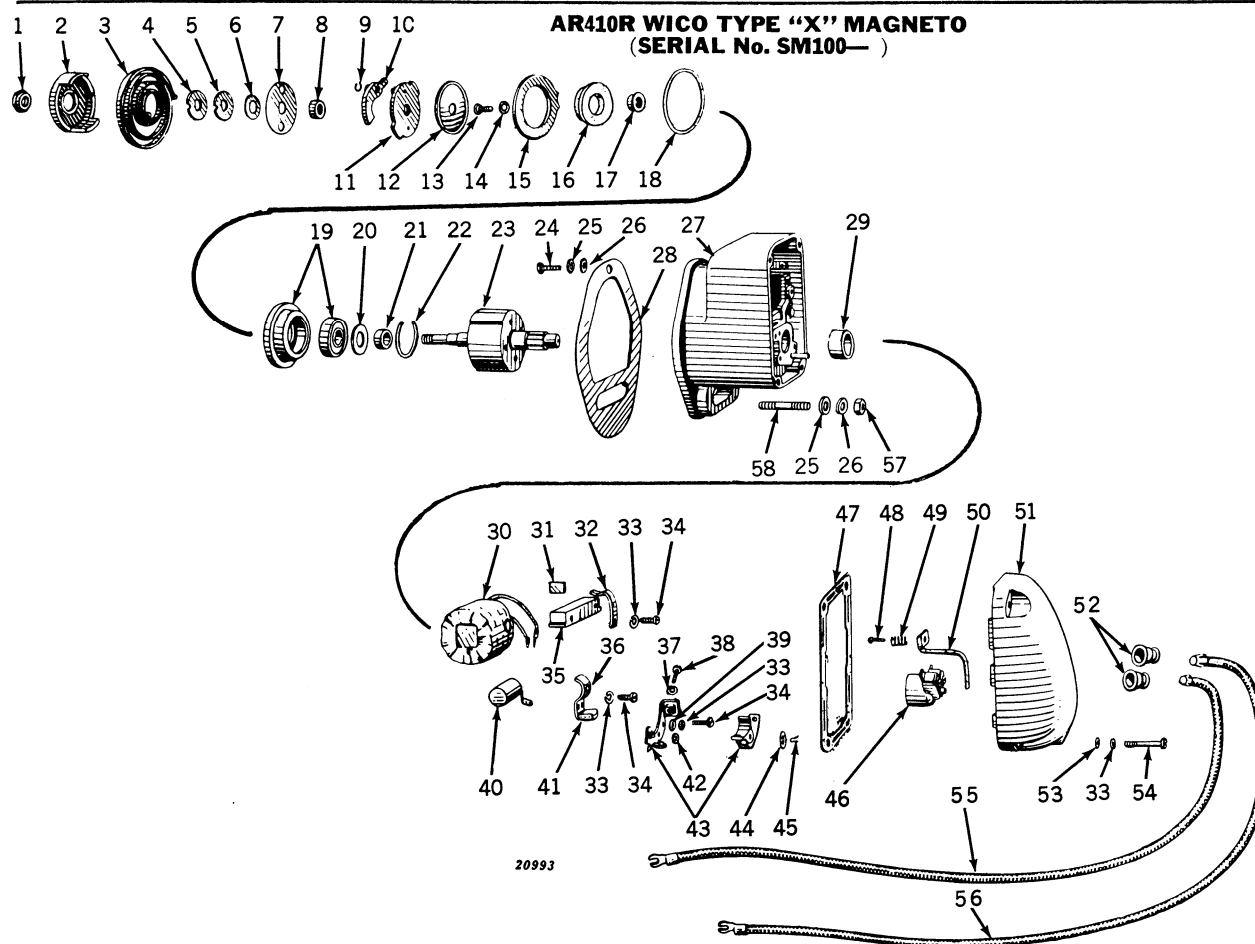
Key	Part No.	Serial No.	Description
49	R 604 R	()	Gasket, Engine Cover Water Outlet
50	19H 150 R	()	Screw, Cap, 5/16" x 2-1/4" (6 used)
51	19H 118 T	()	Screw, Cap, 5/16" x 1" (3 used) (Sub. for 19H112R)
52	12H 10 R	()	Washer, Lock, 5/16" (9 used)
53	AR 855 R	(R7900)	Cover, R1135R, Engine and Manifold, with Pin
54	R 612 R	()	Gasket, Engine Cover and Manifold (Packed 5 in a Pkg.)
55	AR 525 R	()	Cover, R609R, Engine and Manifold, with Pins
56	R 611 R	()	Pin, Speed Control Arm
57	R 610 R	()	Pin, Speed Control Spring

STARTING ENGINE HAND CRANK ASSEMBLY
(Special Equipment)

Key	Part No.	Serial No.	Description
1	R 638 R	()	Screw, Set, Hollow Cup Point (2 used)
2	R 637 R	()	Stop, Hand Crank Cable (2 used)
3	R 639 R	()	Ball, Hand Crank Cable
4	R 634 R	()	Cable, Hand Crank
5	R 636 R	()	Tube, Hand Crank Cable
6	22H 8 R	()	Screw, Set, Square Head, Hollow Cup Point
7	14H 338 R	()	Nut, Jam, 1/4"
8	R 774 R	()	Pin, Headed, Hand Crank Gear Yoke Spring
9	19H 218 D	()	Screw, Cap, 3/8" x 1" (2 used) (Sub. for 19H211R)
10	12H 11 R	()	Washer, Lock, 3/8" (2 used)
11	R 626 R	()	Housing, Hand Crank Drum (on R1000-R4617 also order two 25H375R Pins)
12	25H 375 R	()	Pin, Groove (2 used) (Sub. for B153R)
13	R 628 R	()	Bushing (2 used)
14	R 633 R	()	Spring, Hand Crank Drum
15	25H 322 R	()	Pin, Groove
16	R 773 R	()	Guard, Hand Crank Cable
17	AR 926 R	()	Drum, R631R, Hand Crank, with Ratchet (Sub. for AR535R)
18	R 405 R	()	Ball, Hand Crank Ratchet (4 used)
19	AR 878 R	()	Gear, R627R, Hand Crank, with Bushing (Sub. for AR534R)
20	R 630 R	()	Shaft, Hand Crank Gear
21	24H 41 H	()	Washer, Hand Crank Yoke Spacer (2 used)
22	R 629 R	()	Yoke, Hand Crank Gear
23	22H 42T	()	Screw, Set, Hand Crank Gear Shaft (Sub. for A320R)
24	R 280 R	()	Spring, Hand Crank Gear Yoke
25	R 1145 R	()	Cover, Hand Crank Opening (Used on Engines without Hand Crank)
26	12H 11 R	()	Washer, Lock, 3/8" (2 used)
27	F 2272 R	()	Screw, Cap (2 used) (Sub. for 19H203R)

TRACTOR—MODEL "R"

AR410R WICO TYPE "X" MAGNETO
(SERIAL No. SM100—)



Key	Part No.	Serial No.	Description
1	6230	(-)	Nut, Impulse Lock
2	6349	(-)	Cup, Impulse Drive
3	15-186	(-)	Spring, Drive
4	16-583	(-)	Washer, Impulse Spacing
5	IVA 583	(-)	
6	M 42 XA	(-)	Washer, Drive Flange Spacer
7	2288	(-)	Retainer, Drive Spring
8	2122	(-)	Spacer
9	A 243 X	(-)	Snap Ring (2 used)
10	A 179 X	(-)	Arm, Trip (2 used)
11	X 3194*	(-)	Flange, Drive, with Pawls
12	6204	(-)	Slinger, Oil
13	21H 988 R	(-)	Screw (4 used)
14	12H 270 R	(-)	Washer, Lock (4 used) (Sub. for H666R)
15	X 5549	(-)	Impulse Stop Group, with Gasket
16	6199	(-)	Seal, Oil
17	5518	(-)	Spacer
18	5519	(-)	Gasket
19	X 5521	(-)	Bearing, Cage Group
20	5926	(-)	Shield, Bearing
21	5520	(-)	Spacer
22	5516	(-)	Snap Ring
23	Y 5761	(-)	Rotor
24	F 2273 R	(-)	Screw, Cap, 3/8" x 1-1/4" (2 used) (Sub. for 19H221R and 19H1099R)
25	12H 11 R	(-)	Washer, Lock, 3/8" (2 used)
26	24H 154 R	(-)	Washer (2 used)
27	X 7074	(-)	Group, Main Housing (Sub. for X6500)
28	A 5272 R	(-)	Gasket (Sub. for A500R) (Packed 5 in a Pkg.)
29	5610	(-)	Bushing
30	AR 12006 R	(-)	Coil Group (Sub. for X5700)
31	10383	(-)	Wedge, Coil
32	5633	(-)	Clamp, Coil
33	12H 35 R	(-)	Washer, Lock (6 used)
34	21H 973 R	(-)	Screw (6 used)
35	X 5524	(-)	Core, Coil
36	5532	(-)	Clamp, Condenser
37	A 765 R	(-)	Washer, Lock, Breaker Spring
38	21H 964 R	(-)	Screw, Breaker Spring
39	B 1085 R	(-)	Washer (2 used)
40	X 5614	(-)	Condenser
41	5077	(-)	Wiper, Cam (Felt)
42	10407	(-)	Washer, Breaker Arm Aligning
43	(X 5996	(-)	Breaker Point Assembly (2 used)
	6468	(-)	Felt, Breaker Arm
44	3219	(-)	Washer



AR410R WICO TYPE “X” MAGNETO—Continued

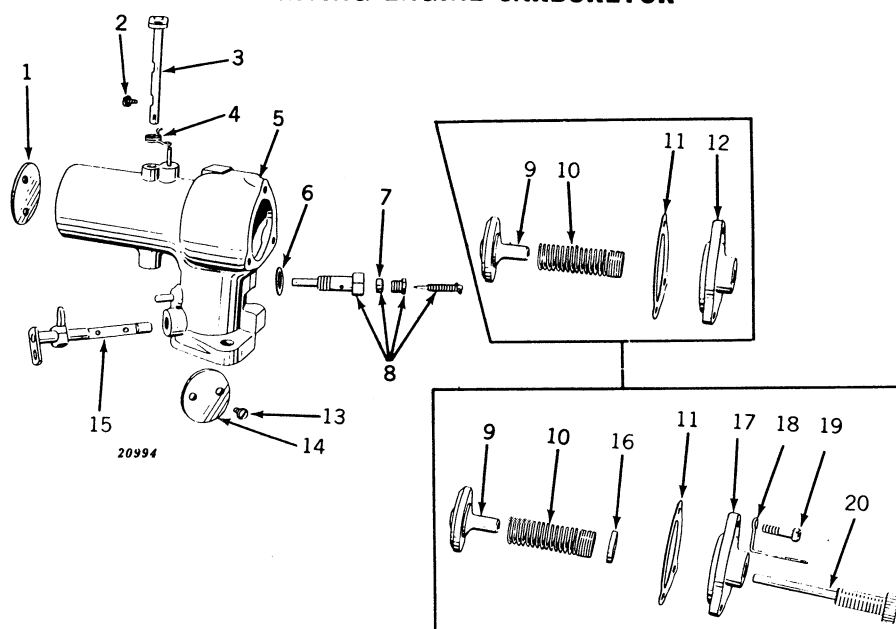
Key	Part No.	Serial No.	Description
45	4210	()	Lock, Breaker Arm (Hairpin)
46	(X) 5617	()	Arm, Distributor
	10461	()	Lock, Distributor Arm
47	5618	()	Gasket (Sub. for 5644)
48	5536	()	Screw
49	5620	()	Spring, Contact
50	X 6000	()	Interlead, Secondary
51	X 5643	()	Cap, Distributor
52	A 3539 R	()	Nipple, Distributor to Spark Plug Wire (2 used)
53	IXA 256	()	Washer (4 used)
54	5622	()	Screw (4 used)
55	AB 3481 R	()	Cable, Spark Plug, L.H. (Sub. AA6141R Cable, Terminal and Nut)
56	AB 3481 R	()	Cable, Spark Plug, R.H. (Sub. AA6141R Cable, Terminal and Nut)
57	14H 255 R	()	Nut, 3/8"
58	C 2175 R	()	Stud, 3/8" x 1-15/16"

(Part listed below is not illustrated.)

AR 410 R () Magneto, Wico Type “X”

*Furnished by John Deere Dubuque Tractor Works.

STARTING ENGINE CARBURETOR



Key	Part No.	Serial No.	Description
1	R 10111 R	()	Fly, Choke (Sub. for 27-215)
2	AR 724 R	()	Screw, with Lock Washer, Choke Fly to Shaft (2 used)
3	R 10107 R	()	Shaft, Choke (Sub. for 26-756)
4	R 10097 R	()	Spring, Choke Return (Sub. for 24A91)
5	AR 536 R	(-R7899)	Carburetor, Complete, with Gasoline Pipe (Sub. One AR850R, One AR851R, and One R643R)
	AR 850 R	(R7900-)	Carburetor, with Nozzle and Head Washers
6	(16A 146	(-R7899)	Gasket, Nozzle, Lead (2 used) (Sub. R1129R)
	R 1129 R	(R7900)	Gasket, Nozzle, Lead (2 used)
7	44-51*	()	Packing, Nozzle
8	()	(R9573-)	Nozzle (Order AR732R Carburetor Kit)
9	()	()	Valve, Air (Order AR732R Carburetor Kit)
10	()	()	Spring, Air (Order AR732R Carburetor Kit)
11	R 10092 R	()	Gasket, Air Valve Cover (Sub. for 16A140)
12	AR 10076 R	(R9573-)	Cover, Air Valve (Sub. for 91-517X2 and 91-181)
13	AR 723 R	()	Screw, with Lock Washer, Throttle Fly to Shaft (2 used)
14	R 10081 R	()	Fly, Throttle (Sub. for 14-230)
15	()	()	Shaft, Throttle (Order AR732R Carburetor Kit)
16	R 10161 R	(-R9572)	Seat, Air Valve Spring (Sub. for 125-32)
17	R 10158 R	(-R9572)	Cover, Air Valve (Sub. for 91-180)
18	R 10100 R	(R9572)	Spring, Ratchet Air Valve (Sub. for 24A142)
19	(21H 984 R	()	Screw, Machine (3 used)
	(12H 36 R	()	Washer, Lock (No. 10) (3 used)
20	R 10094 R	(-R9572)	Screw, Air Valve Adjusting (Sub. for 23-26) (Sub. AR10076R)

(Part listed below is not illustrated.)

AR 732 R () Kit, Carburetor Parts, Consisting of: Throttle Shaft and Lever, Throttle Fly to Shaft Screws with Lock Washers, Air Valve, Air Valve Spring, Spring Seat, Air Valve Cover Gasket, Cover to Body Screws with Lock Washers, Nozzle with Packing, Nozzle Gaskets, and Carburetor Gasket

*Furnished by John Deere Dubuque Tractor Works

MEMORANDA

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7H 476 R	38	11	14H 355 R	53	35				19H 1140 N	28	16
7H 477 R	38	11	14H 382 T	29	13				19H 1147 R	9	28
7H 796 R	30	5	14H 383 R	12	11	19H 11 R	51	••	19H 1166 H	20	8
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7H 1092 R	30	14	14H 393 T	13	20	19H 27 T	24	32	19H 1182 R	51	25
			14H 398 R	37	43	19H 32 T	24	32	19H 1184 R	51	26
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8H 989 R	33	14	14H 403 R	37	13	19H 105 R	29	17	19H 1242 M	13	44
8H 1410 R	33	21	14H 404 R	33	10	19H 112 R	52	17	19H 1244 N	14	28
8H 1436 R	33	5	14H 408 R	33	23	19H 118 T	52	17	19H 1255 T	52	14
8H 1438 R	33	5	14H 411 R	38	8	19H 124 R	30	2	19H 1286 H	66	9
8H 1721 R	33	4	14H 460 H	22	28	19H 130 R	22	44	19H 1335 R	34	12
8H 2375 R	11	33	14H 473 R	12	29	19H 134 B	18	22	19H 1356 R	32	1
8H 2376 R	24	53	14H 480 R	33	18	19H 139 R	27	4	19H 1373 R	13	13
8H 2378 R	33	4	14H 483 R	53	35	19H 150 R	19	11	19H 1391 R	32	1
8H 3352 R	33	15	14H 511 H	51	11	19H 154 H	36	••	19H 1455 R	33	21
8H 3510 R	10	19	14H 524 R	5	9	19H 172 E	66	45	19H 1471 D	12	10
			14H 606 R	35	20	19H 196 H	24	15	19H 1683 T	24	32
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10 39117	22	31	14H 631 R	16	26	19H 211 R	15	19			
	25	8	14H 649 R	22	28	19H 212 R	53	25	21H 404 R	24	7
	26	1	14H 651 R	43	33	19H 218 D	6	49	21H 597 R	6	2
			14H 652 R	14	18	19H 221 R	5	24	21H 605 R	34	20
			14H 653 R	4	5	19H 242 R	22	42	21H 701 R	52	19
11H 3 R	19	22	14H 655 R	36	1	19H 253 R	59	12	21H 715 R	18	22
11H 18 R	16	11	14H 664 R	9	14	19H 255 N	11	14	21H 961 R	44	21
11H 19 R	16	23	14H 732 R	6	13	19H 256 R	11	14	21H 964 R	47	31
11H 22 R	14	34	14H 738 R	11	4	19H 325 R	28	12	21H 969 R	41	13
11H 38 R	19	3	14H 774 R	43	33	19H 332 R	6	11	21H 972 R	41	14
11H 39 R	17	1	14H 785 R	4	5	19H 337 N	6	11	21H 973 R	68	34
11H 41 R	5	8	14H 800 R	14	18	19H 340 R	53	6	21H 979 R	26	21
11H 43 R	10	11	14H 801 R	11	4	19H 345 T	31	1	21H 983 R	44	11
11H 45 R	37	25				19H 352 T	31	1	21H 984 R	69	19
11H 78 R	14	35				19H 353 R	9	29	21H 986 R	44	2
11H 80 R	54	10	15 186	68	3	19H 360 T	9	29	21H 988 R	68	13
11H 82 R	12	8	15H 225 R	65	20	19H 363 R	5	36	21H 995 R	45	49
11H 84 R	8	13	15H 237 R	13	45	19H 376 R	13	44	21H 1042 C	24	7
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11H 117 R	30	6				19H 403 R	13	5	22H 8 R	67	6
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			15H 239 R	49	55	19H 428 R	50	21	22H 78 R	17	12
				50	38	19H 444 A	39	9	22H 87 R	63	20
12H 9 R	6	3	15H 240 R	49	13	19H 448 R	15	25	22H 178 R	13	33
12H 10 R	4	4		49	56	19H 455 R	7	58			
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R 1188 R	29	10	R 10092 R	69	11						
	29	19	R 10094 R	69	20						
R 1189 R	28	3	R 10097 R	69	4						
R 1190 R	13	31	R 10100 R	69	18						
	13	34	R 10107 R	69	3						
R 1191 R	34	..	R 10111 R	69	1						
R 1196 R	30	15	R 10158 R	69	17						
R 1198 R	4	7	R 10160 R	22	40						
	15	28		24	15						
R 1205 R	34	..	R 10161 R	69	16						
R 1206 R	36	..	R 11084 R	45	2						
R 1207 R	36	..		45	51						
R 1210 R	36	..	R 11086 R	44	12						
R 1212 R	20	7		47	30						
R 1213 R	14	3	R 11087 R	45	53						
R 1214 R	14	27		46	23						
R 1221 R	58	..	R 11088 R	44	26						
R 1225 R	9	27	R 11089 R	45	64						
R 1226 R	34	..	R 11090 R	47	34						
R 1227 R	34	..	R 11091 R	46	6						
R 1228 R	34	..	R 11092 R	44	32						
R 1229 R	34	..		46	27						
R 1230 R	49	..	R 11093 R	44	33						
R 1231 R	49	..		46	28						
R 1232 R	49	..	R 11094 R	45	63						
R 1233 R	49	..	R 11097 R	45	54						
R 1234 R	22	9	R 11098 R	44	41						
	25	2	R 11099 R	46	20						
R 1236 R	10	10	R 11100 R	45	1						
R 1239 R	51	..		45	45						
R 1240 R	58	3	R 11101 R	45	20						
	58	5	R 11102 R	45	18						
R 1243 R	9	..	R 11103 R	45	21						
R 1244 R	54	20	R 11104 R	46	24						
R 1251 R	34	..	R 11109 R	45	60						
R 1254 R	9	24	R 11110 R	45	61						
R 1255 R	30	17	R 11111 R	45	6						
R 1256 R	30	25	R 11112 R	45	8						
R 1261 R	9	19	R 20028 R	29	9						
R 1304 R	11	3	R 20114 R	29	..						
R 1314 R	36	10	R 20168 R	11	11						
R 1315 R	36	10		16	43						
R 1354 R	12	16	R 20228 R	14	20						
R 1360 R	12	7	R 20248 R	6	36						
R 1384 R	29	10	R 20249 R	6	35						
R 1441 R	30	10	R 21028 R	33	15						
R 1455 R	34	..	R 21100 R	43	14						
R 1466 R	13	25	R 21147 R	61	19						
R 1468 R	13	27	R 21635 R	6	29						
R 1530 R	4	2									
R 1548 R	9	20									
R 1598 R	36	..									