



PARTS BOOK

FOR F-40 TRACTORS



Form No. 693 053 M1

FERGUSON DIVISION

MASSEY-HARRIS-FERGUSON, INC.

RACINE, WISCONSIN

FOREWORD

This parts book for the F-40 Utility, High Arch, Twin and Single Front Wheel Tractors has been arranged for your easy identification of Service parts.

Each group of component parts for the F-40 Tractors, beginning at the rear and finishing at the front of the Tractor is illustrated in sequence of removing associate parts or Assemblies. Copy pertaining to each illustration is on the opposite page to the illustration.

PLEASE NOTE:

Indented parts in the descriptive list are part of the preceding Assembly or Sub-Assembly.

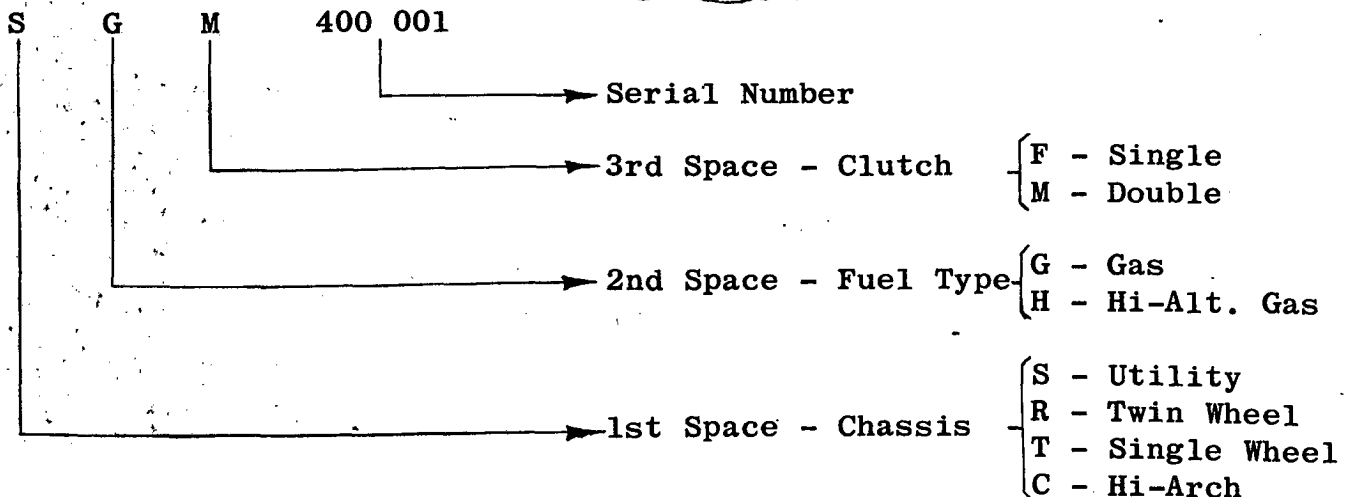
SERIAL NUMBERS ARE IMPORTANT

Always give complete Tractor and Engine Serial numbers with all prefix letters when ordering parts. Orders are often delayed in filling due to omission of necessary Engine or Tractor data.

The Engine Serial number plate is located on the Block just above the Ignition Coil.

The Tractor Serial number Plate is located on the Dash Panel.

MODEL F-40
S G M 400 001
Serial Number



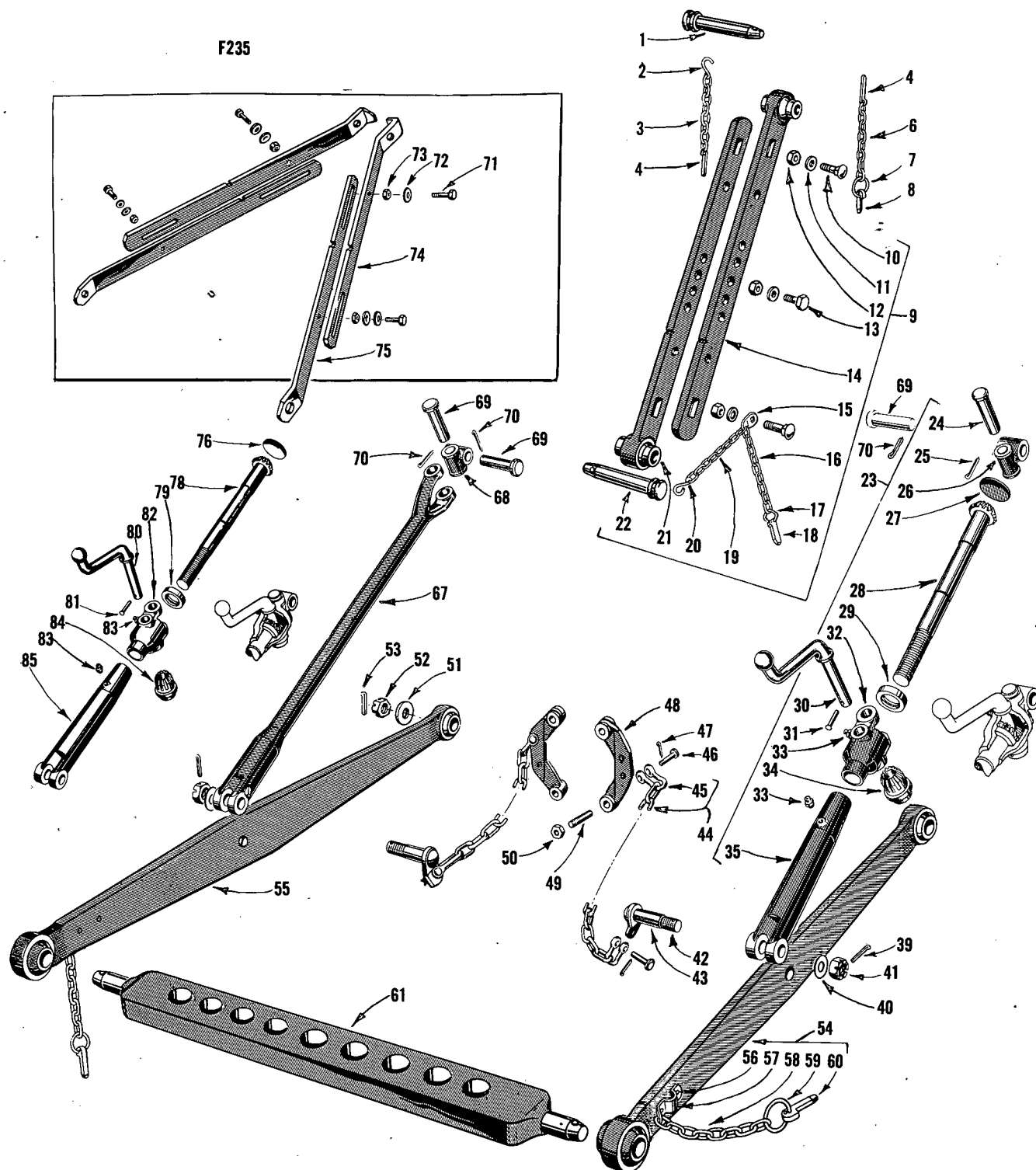
GROUP INDEX

1

	Page
ACCESSORIES	
Extension Drawbar - Hi-Clearance.....	81
Extension Drawbar - Utility.....	82
Hitch Lift.....	79
Hydraulic Valves - Dual and Single Control.....	77
Lighting Equipment.....	73
Pulley and Drive.....	75
Safety Light.....	71
Stabilizer.....	79
Swinging Drawbar - Hi-Clearance.....	81
Swinging Drawbar - Utility.....	79
Tools and Misc. Equipment.....	71
BRAKE ASSEMBLY	
Brakes.....	29
Drums.....	29
Pedals.....	29
ELECTRICAL	
Distributor.....	43
Generator.....	41
Starter.....	39
Wiring - Switch, Coil, Regulator Etc.....	37
ENGINE	
Camshaft.....	59
Crankshaft.....	59
Cylinder Block.....	53
Cylinder Head.....	51
Manifold.....	49
Oil Pump.....	55
Piston and Sleeves.....	57
ENGINE ACCESSORIES	
Air Cleaner.....	49
Carburetor.....	45
Fuel Filter.....	35
Fuel Tank.....	35
Oil Gauge.....	23
Radiator.....	47
Throttle Controls.....	23
Tractormeter.....	23
Water Pump.....	47
FERGUSON SYSTEM	
Leveling Box - Hi-Clearance Tractors.....	5
Leveling Box - Utility Tractors.....	3
Lift Cover.....	9
Lift System.....	11
Linkage - Upper and Lower - Hi-Clearance Tractors.....	5
Linkage - Upper and Lower - Utility Tractors.....	3
Pump - Hydraulic.....	13
REAR AXLE	
Axles, Rear.....	17
Center Housing.....	21
Differential.....	19
Housing, Axle.....	17
Power Take-off.....	21
SHEET METAL	
Fenders.....	17
Fuel Tank.....	35
Grill.....	35
Hood.....	35
Instrument Panel.....	23
Muffler.....	49
Seat.....	7
Side Panels.....	35
Step Plates.....	29
STEERING	
Arms and Gears - Hi-Clearance Tractors.....	27
Arms and Gears - Utility.....	25
Axle, Front	
Hi-Arch.....	67
Single and Twin.....	69
Utility.....	65
Drag Link.....	61
Housing, Gear.....	25, 27
Hubs.....	63
Pedestal, Upper.....	61
Spindles.....	65-69
Wheel, Steering.....	25, 27
TRANSMISSION	
Case.....	33
Clutch.....	33
Pedal.....	29
Gear Shift.....	31
Gears.....	31
Rails and Forks.....	31
WHEELS	
Front.....	63
Rear.....	15

LEVELING BOX, UPPER AND LOWER LINKS "UTILITY"

F235

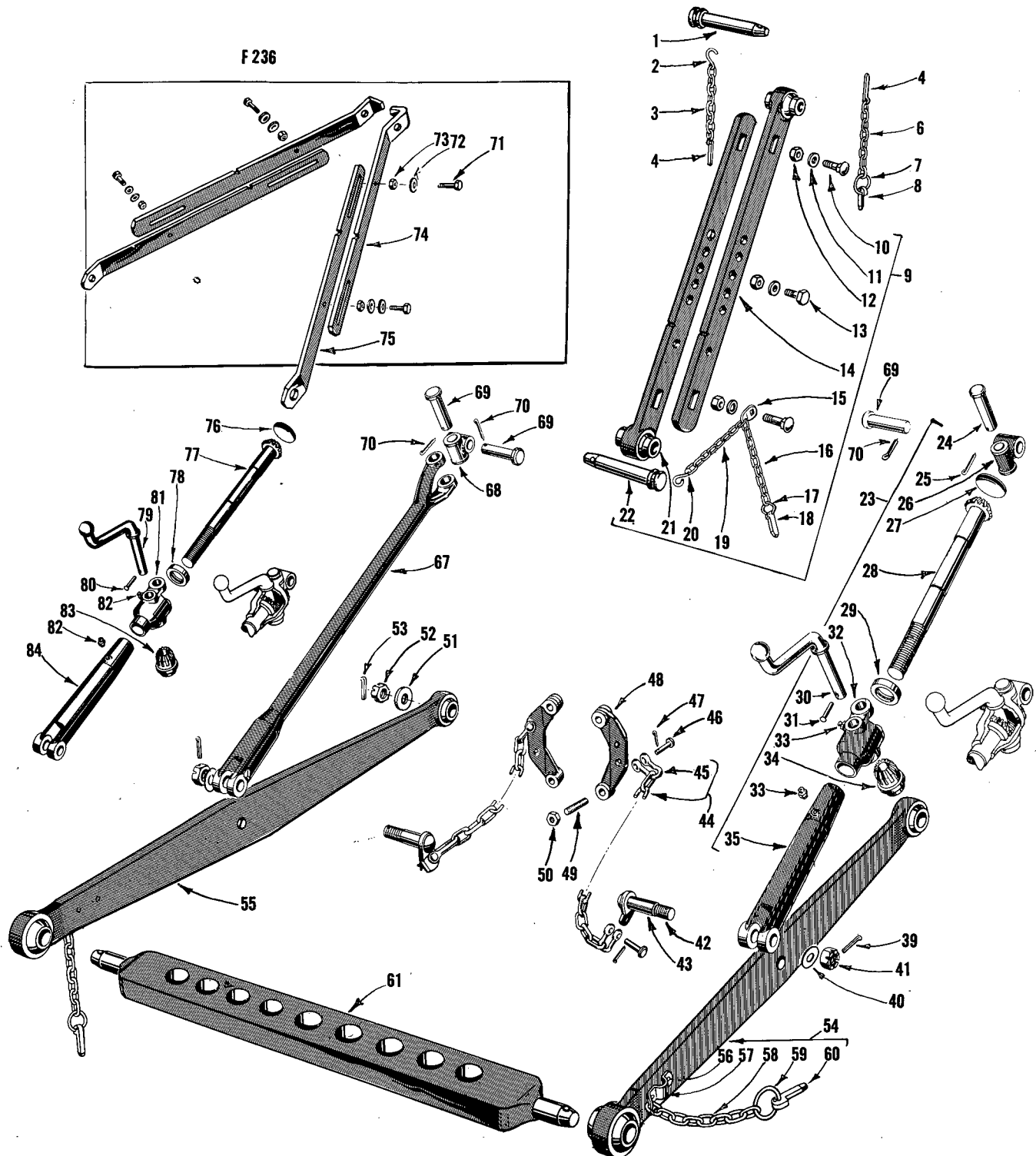


LEVELING BOX, UPPER AND LOWER LINKS "UTILITY"

3

Ref. No.	Part No.	Description	No. Req.
1	195 589 M1	Pin, Clevis, Upper Link to Tractor.....	1
2	195 559 M1	Eye, Retainer Pin.....	1
3	195 340 M1	Chain.....	1
4	354 074 X1	Pin, Cotter (3/16 x 3/4").....	2
6	195 342 M1	Chain.....	1
7	195 347 M1	Ring, Linch Pin.....	1
8	195 346 M1	Pin, Linch, Upper Link.....	1
9	180 855 M91	Link Assembly, Upper.....	1
10	353 830 X1	Bolt (7/16 x 1-1/2" NF, Carr.).....	2
11	353 772 X1	Washer (7/16" Large Flat).....	3
12	353 426 X1	Nut (7/16" NF, Hex.).....	3
13	353 562 X1	Bolt (7/16 x 1-3/8" NF, Hex.).....	1
14	181 351 M91	Link Assembly, Upper Right Hand.....	1
15	195 373 M1	Anchor, Chain.....	1
16	195 340 M1	Chain.....	1
17	195 347 M1	Ring, Linch Pin.....	1
18	195 346 M1	Pin, Linch.....	1
19	195 344 M1	Chain, Retainer Eye.....	1
20	195 559 M1	Eye, Retainer.....	1
21	181 353 M91	Link Assembly, Upper Left Hand.....	1
22	195 647 M1	Pin, Clevis, Implement Attaching.....	1
23	182 642 M91	Box Assembly, Lift Leveling.....	1
24	180 860 M1	Pin, Fork.....	1
25	354 059 X1	Pin, Cotter (1/8 x 1").....	1
26	180 853 M1	Knuckle, Lift Leveling.....	1
27	195 644 M1	Plug, Expansion.....	1
28	182 641 M1	Shaft, Leveling Gear.....	1
29	195 457 M1	Bearing, Leveling Gear.....	1
30	181 349 M1	Lever, Lift Leveling.....	1
31	195 648 M1	Rivet, Leveling Lever.....	1
32	181 344 M1	Box, Lift Leveling.....	1
33	13 811 X	Grease Fitting (1/4", 28 Str.).....	2
34	181 345 M1	Gear, Leveling Lever.....	1
35	182 391 M1	Fork, Leveling Lift Rod.....	1
39	354 057 X1	Pin, Cotter (1/8 x 3/4").....	2
40	353 757 X1	Washer (7/16" Small Flat).....	2
41	353 925 X1	Nut (7/16" NF, Hex., Sltd.).....	2
42	180 856 M91	Eyebolt Assembly, Lift Rod.....	2
43	180 859 M1	Bushing, Eyebolt.....	2
44	180 861 M91	Chain Assembly, Lower Link Anchor.....	2
45	180 333 M1	Shackle, Chain.....	2
46	195 239 M1	Pin, Clevis.....	4
47	354 055 X1	Pin, Cotter (1/8 x 1/2").....	4
48	182 897 M1	Anchor, Lower Link Check Chain.....	2
49	353 964 X1	Stud, Anchor to Center Housing (7/16 x 1-7/8" NC-NF).....	4
50	353 426 X1	Nut (7/16" NF, Hex.).....	4
51	353 774 X1	Washer (5/8" Large Flat).....	2
52	353 927 X1	Nut, Links to Rear Axle (5/8" NF, Hex., Sltd.).....	2
53	354 059 X1	Pin, Cotter (1/8 x 1").....	2
54	182 633 M91	Link Assembly, Lower Right Hand (Inc. items 56 thru 60).....	1
55	182 632 M91	Link Assembly, Lower Left Hand (Inc. items 56 thru 60).....	1
56	16 898 X	Rivet (3/16 x 1-1/8" Button Hd.).....	2
57	195 645 M1	Clip, Linch Pin Chain Retaining.....	1
58	195 344 M1	Chain.....	1
59	195 347 M1	Ring, Linch Pin.....	1
60	195 346 M1	Pin, Linch.....	1
61	180 485 M1	Drawbar.....	1
67	182 554 M91	Rod, Lift.....	1
68	180 853 M1	Knuckle, Lift.....	1
69	180 860 M1	Pin, Lift Knuckle.....	3
70	354 059 X1	Pin, Cotter (1/8 x 1").....	3
71	353 561 X1	Bolt, Stay Attaching (7/16 x 1-1/4" NF, Hex.).....	4
72	353 772 X1	Washer (7/16" Large Flat).....	7
73	353 426 X1	Nut (7/16" NF, Hex.).....	4
74	181 986 M1	Stay, Drawbar, Upper.....	2
75	181 985 M1	Stay, Drawbar, Lower.....	2
76	195 644 M1	Plug, Expansion.....	1
78	182 641 M1	Shaft, Leveling Gear.....	1
79	195 457 M1	Bearing, Leveling Gear.....	1
80	181 349 M1	Lever, Lift Leveling.....	1
81	195 648 M1	Rivet, Leveling Lever.....	1
82	181 344 M1	Box, Lift Leveling.....	1
83	13 811 X	Grease Fitting (1/4", 28 Str.).....	2
84	181 345 M1	Gear, Leveling Lever.....	1
85	182 391 M1	Fork, Leveling Lift Rod.....	1

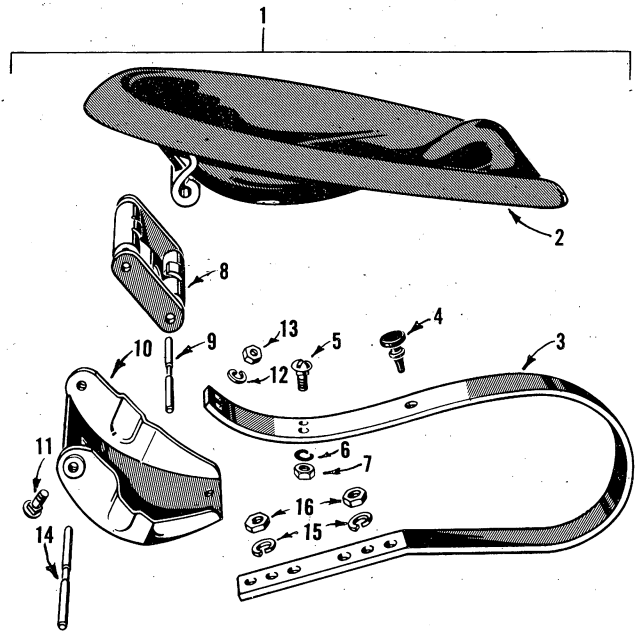
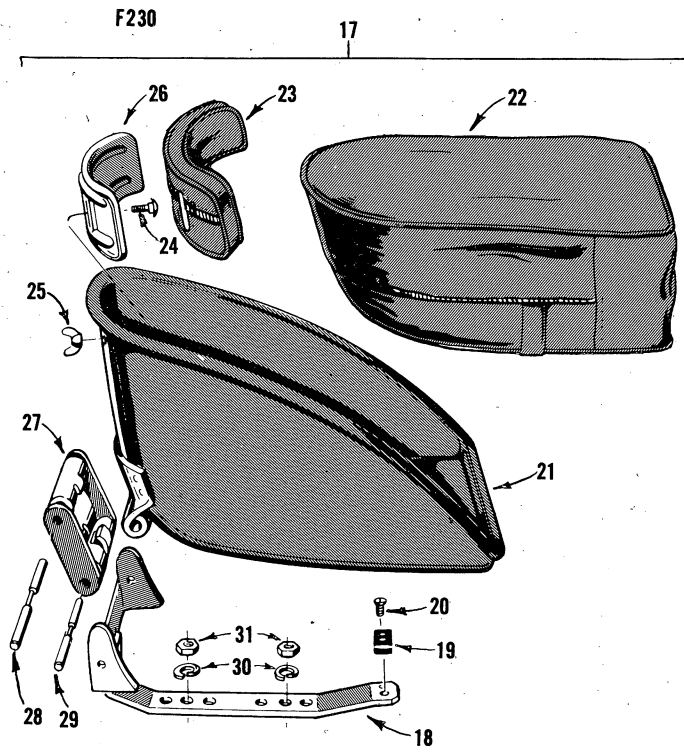
LEVELING BOX, UPPER AND LOWER LINKS "HI-CLEARANCE"



LEVELING BOX, UPPER AND LOWER LINKS "HI-CLEARANCE"

5

Ref. No.	Part No.	Description	No. Req.
1	195 589 M1	Pin, Clevis, Upper Link to Rocker.....	1
2	195 559 M1	Eye, Retainer Pin.....	1
3	195 340 M1	Chain.....	1
4	354 074 X1	Pin, Cotter (3/16 x 3/4").....	2
6	195 342 M1	Chain.....	1
7	195 347 M1	Ring, Linch Pin.....	1
8	195 346 M1	Pin, Linch, Upper Link.....	1
9	182 400 M91	Link Assembly, Upper.....	1
10	353 831 X1	Bolt (7/16 x 1-5/8" NF, Carr.).....	2
11	353 772 X1	Washer (7/16" Large Flat).....	3
12	353 426 X1	Nut (7/16" NF, Hex.).....	3
13	353 563 X1	Bolt (7/16 x 1-1/2" NF, Hex.).....	1
14	182 402 M91	Link Assembly, Upper Right Hand.....	1
15	195 373 M1	Anchor, Chain.....	1
16	195 340 M1	Chain, Linch Pin.....	1
17	195 347 M1	Ring, Linch Pin.....	1
18	195 346 M1	Pin, Linch.....	1
19	195 344 M1	Chain, Retainer Eye.....	1
20	195 559 M1	Eye, Retainer.....	1
21	182 401 M91	Link Assembly, Upper Left Hand.....	1
22	195 647 M1	Pin, Clevis, Implement Attaching.....	1
23	182 390 M91	Box Assembly, Lift Leveling.....	1
24	180 860 M1	Pin, Fork.....	1
25	354 059 X1	Pin, Cotter (1/8 x 1").....	1
26	180 853 M1	Knuckle, Lift Leveling.....	1
27	195 644 M1	Plug, Expansion.....	1
28	182 392 M1	Shaft, Leveling Gear.....	1
29	195 457 M1	Bearing, Leveling Gear.....	1
30	181 349 M1	Lever, Lift Leveling.....	1
31	195 648 M1	Rivet, Leveling Lever.....	1
32	181 344 M1	Box, Lift Leveling.....	1
33	13 811 X	Grease Fitting (1/4", 28 Str.).....	2
34	181 345 M1	Gear, Leveling Lever.....	1
35	182 391 M1	Fork, Leveling Lift Rod.....	1
39	354 057 X1	Pin, Cotter (1/8 x 3/4).....	2
40	353 757 X1	Washer (7/16" Small Flat).....	2
41	353 925 X1	Nut (7/16" NF, Hex., Sltd.).....	2
42	180 856 M91	Eyebolt Assembly, Lift Rod.....	2
43	180 859 M1	Bushing, Eyebolt.....	2
44	182 393 M91	Chain Assembly, Lower Link Anchor.....	2
45	180 333 M1	Shackle, Chain.....	2
46	195 239 M1	Pin, Clevis.....	4
47	354 055 X1	Pin, Cotter (1/8 x 1/2").....	4
48	182 897 M1	Anchor, Lower Link Check Chain.....	2
49	353 964 X1	Stud, Anchor to Center Housing (7/16 x 1-7/8" NC-NF).....	4
50	353 426 X1	Nut (7/16" NF, Hex.).....	4
51	353 774 X1	Washer (5/8" Large Flat).....	2
52	353 927 X1	Nut, Links to Rear Axles (5/8" NF, Sltd. Hex.).....	2
53	354 059 X1	Pin, Cotter (1/8 x 1").....	2
54	182 396 M91	Link Assembly, Lower Right Hand (Inc. items 56 thru 60).....	1
55	182 395 M91	Link Assembly, Lower Left Hand (Inc. items 56 thru 60).....	1
56	16 898 X	Rivet (3/16 x 1-1/8" Button Hd.).....	2
57	195 645 M1	Clip, Linch Pin Chain Retaining.....	1
58	195 344 M1	Chain.....	1
59	195 347 M1	Ring, Linch Pin.....	1
60	195 346 M1	Pin, Linch.....	1
61	180 485 M1	Drawbar.....	1
67	182 405 M91	Rod, Lift.....	1
68	180 853 M1	Knuckle, Lift.....	1
69	180 860 M1	Pin, Lift Knuckle.....	3
70	354 059 X1	Pin, Cotter (1/8 x 1").....	3
71	353 562 X1	Bolt, Stay Attaching (7/16 x 1-3/8" NF, Hex.).....	4
72	353 772 X1	Washer (7/16" Large Flat).....	7
73	353 426 X1	Nut (7/16" NF, Hex.).....	4
74	182 608 M1	Stay, Drawbar, Upper.....	2
75	182 607 M1	Stay, Drawbar, Lower.....	2
76	195 644 M1	Plug, Expansion.....	1
77	182 392 M1	Shaft, Leveling Gear.....	1
78	195 457 M1	Bearing, Leveling Gear.....	1
79	181 349 M1	Lever, Lift Leveling.....	1
80	195 648 M1	Rivet, Leveling Lever.....	1
81	181 344 M1	Box, Lift Leveling.....	1
82	13 811 X	Grease Fitting (1/4", 28 Str.).....	2
83	181 345 M1	Gear, Leveling Lever.....	1
84	182 391 M1	Fork, Leveling Lift Rod.....	1



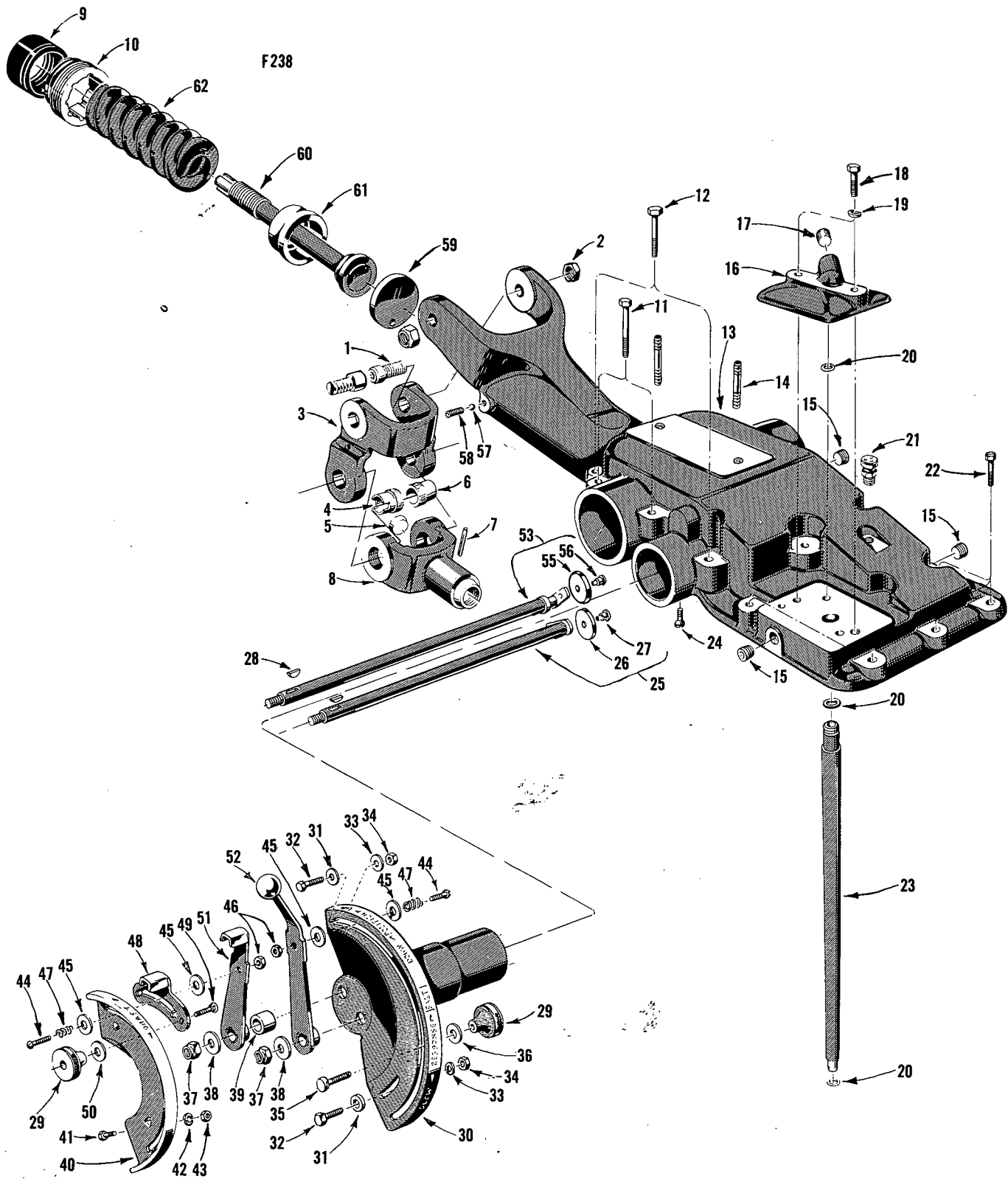
SEAT

7

<u>Ref.</u> <u>No.</u>	<u>Part No.</u>	<u>Description</u>	<u>No.</u> <u>Req.</u>
1	180 704 M91	Seat and Spring Assembly, Hinged Driver.....	1
2	181 330 M91	Seat Assembly, Hinged Drivers.....	1
3	181 333 M1	Spring, Drivers Seat.....	1
4	180 289 M1	Bumper, Driver Seat (Rubber).....	1
5	354 410 X1	Screw, Hinge to Seat Spring (5/16 x 7/8" NC, Truss Hd.).....	2
6	353 446 X1	Washer (5/16" Lock).....	2
7	354 122 X1	Nut (5/16" NC, Hex.).....	2
8	181 322 M1	Link, Hinge.....	1
9	181 321 M1	Pin, Drivers Seat Hinge.....	1
10	181 338 M91	Hinge Assembly, Drivers Seat.....	1
11	353 793 X1	Bolt, Hinge to Seat Spring (5/16 x 7/8" NF, Carr.).....	2
12	353 446 X1	Washer (5/16" Lock).....	2
13	353 916 X1	Nut (5/16" NF, Hex.).....	2
14	181 320 M1	Pin, Drivers Seat Hinge (7-19/64" Long).....	1
15	353 432 X1	Washer, Seat Spring to Lift Cover (7/16" Lock).....	2
16	353 426 X1	Nut (7/16" NF, Hex.).....	2
17 (A)	677 044	Seat Assembly, Deluxe.....	1
18	181 316 M92	Bracket Assembly, Seat Mounting.....	1
19	181 319 M1	Bumper, Drivers Seat.....	1
20	354 239 X1	Screw, Flat Head, Bumper to Bracket Assembly (1/4 x 1/2").....	2
21	181 313 M91	Pan Assembly, Seat.....	1
22	181 327 M91	Cover, Seat (does not include Inlay).....	1
22	181 326 M1	Inlay Seat.....	1
23	181 325 M91	Cover, Back Rest (does not include Inlay).....	1
23	181 324 M1	Inlay, Back Rest.....	1
24	353 807 X1	Bolt, Bracket to Pan Assembly (3/8 x 7/8" NF, Carr.).....	2
25	355 584 X1	Nut, Wing.....	2
26	181 323 M1	Support, Seat Back.....	1
27	181 322 M1	Link, Hinge.....	1
28	181 320 M1	Pin, Driver Seat Hinge (7-19/64" Long).....	1
29	181 321 M1	Pin, Drivers Seat Hinge.....	1
30	353 432 X1	Washer, Seat Spring to Lift Cover (7/16" Lock).....	2
31	353 426 X1	Nut (7/16" NF, Hex.).....	2

Note: (A) - Order from Whole Goods.

HYDRAULIC LIFT COVER AND CONTROL

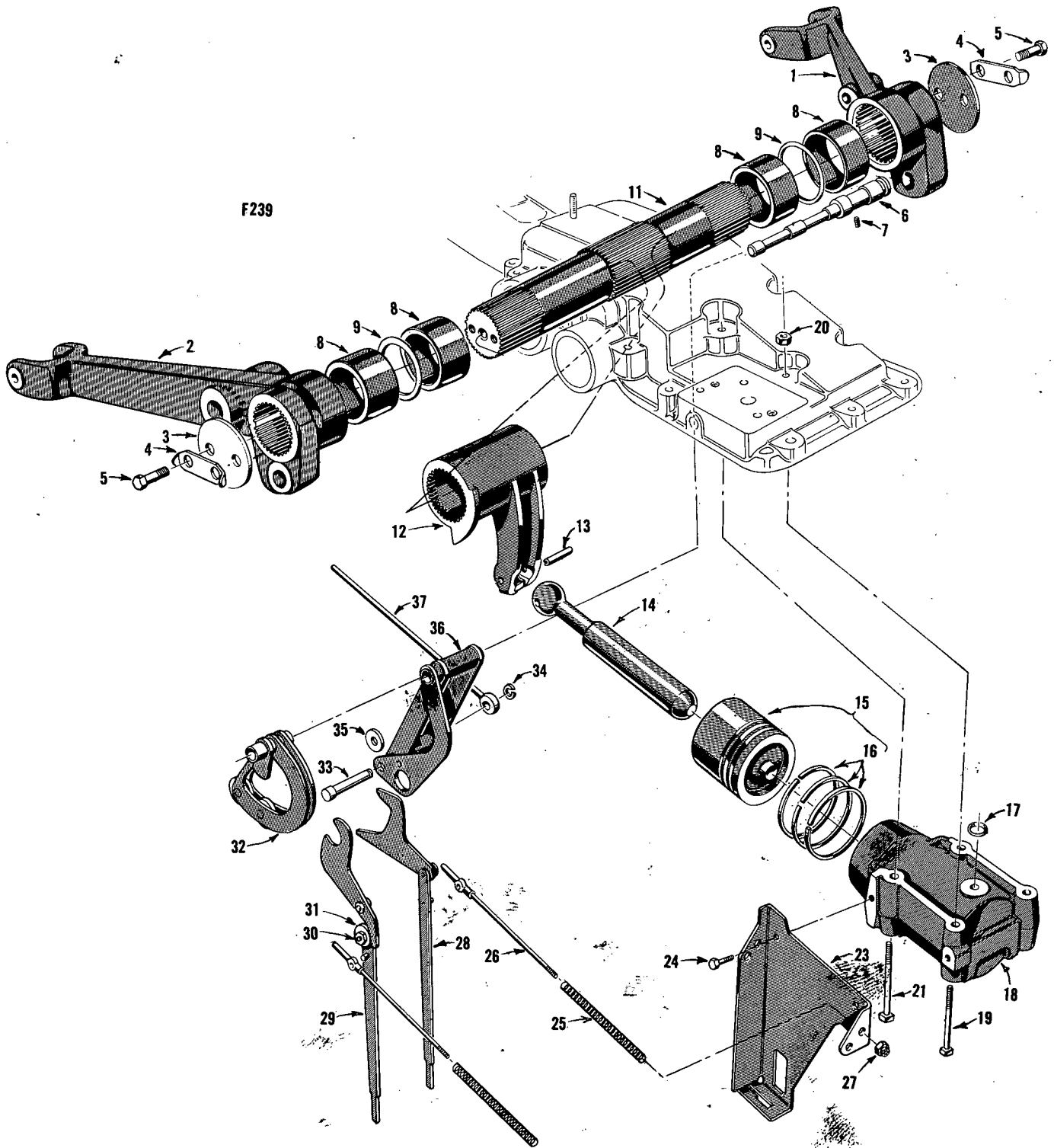


HYDRAULIC LIFT COVER AND CONTROL

9

Ref. No.	Part No.	Description	No. Req.
1	195 572 M1	Screw, Cap, Clevis to Lift Cover (Special).....	2
2	353 438 X1	Nut, Hex. Jam.....	2
3	180 973 M1	Link, Hydraulic Lift Rocker.....	1
4	181 982 M1	Bushing, Top Link, Right Hand.....	1
5	180 982 M1	Plug, Clevis (Rubber).....	1
6	180 974 M1	Bushing, Top Link, Left Hand.....	1
7	195 573 M1	Pin, Groove, Plunger to Clevis.....	1
8	180 972 M1	Clevis, Hydraulic Lift.....	1
9	180 980 M1	Boot, Control Spring (Rubber).....	1
10	180 979 M1	Nut, Control Spring Retainer.....	1
11	353 718 X1	Screw, Cap, Cover Assembly to Center Housing (7/16 x 3-1/2" NC).....	4
12	353 711 X1	Screw, Cap, Cover Assembly to Center Housing (7/16 x 2-3/4" NC).....	4
13	182 722 M91	Cover Assembly, Hydraulic Lift.....	1
14	353 961 X1	Stud, Driver Seat to Cover (7/16 x 1-1/2" NC-NF).....	2
15	195 387 M1	Plug (3/8" Pipe, Skt. Hd.).....	3
16	182 373 M91	Cap Assembly, Hydraulic Lift Cover.....	1
17	195 567 M1	Plug (1/8" Pipe, Skt. Hd.).....	1
18	353 701 X1	Screw, Cap to Cover (7/16 x 1-3/8" NC).....	2
19	353 432 X1	Washer (7/16" Lock).....	2
20	195 561 M1	"O" Ring, Lift Cover Cap and Stand Pipe (1/2 x 3/8 x 1/16").....	3
21	182 099 M91	Breather Assembly.....	1
22	353 701 X1	Screw, Cap, Cover Assembly to Center Housing (7/16 x 1-3/8" NC).....	5
23	180 906 M1	Stand, Pipe.....	1
24	196 022 M1	Screw, Cap, Cover to Quadrant (Special).....	1
25	181 022 M91	Shaft Assembly, Position Control.....	1
26	181 015 M1	Roller, Quadrant Shaft.....	1
27	181 016 M1	Pin, Roller, Quadrant.....	1
28	2 957 X	Key, Control Levers to Shafts (#3 Woodruff, 1/8 x 1/2").....	2
29	182 274 M1	Knob, Adjustment, Position Control.....	2
30	181 026 M91	Quadrant Assembly, Position Control.....	1
31	181 047 M1	Washer.....	2
32	353 502 X1	Bolt, Position Control Lever Stop (1/4 x 5/8" NF, Hex. Hd.).....	2
33	353 754 X1	Washer (1/4" Small Flat).....	2
34	353 918 X1	Nut (1/4" NF, Hex.).....	2
35	182 282 M1	Bolt, Position Control Adjustment Knob (Special).....	1
36	353 754 X1	Washer (1/4" Small Flat).....	1
37	195 663 M1	Nut, Elastic Stop, Position Control Shaft.....	2
38	353 755 X1	Washer (5/16" Small Flat).....	2
39	181 040 M1	Spacer, Draft Control Shaft.....	1
40	181 032 M1	Quadrant, Draft Control.....	1
41	353 502 X1	Bolt, Position Quadrant to Draft Quadrant (1/4 x 5/8" NF, Hex. Hd.).....	4
42	353 441 X1	Washer (1/4" Lock).....	4
43	353 918 X1	Nut (1/4" NF, Hex.).....	4
44	195 617 M1	Screw, Cap, Draft Control Quadrant to Lever (Special).....	2
45	181 041 M1	Washer, Special Flat.....	4
46	353 919 X1	Nut (1/4" NF, Hex.).....	2
47	195 618 M1	Spring, Compression.....	2
48	181 033 M1	Slide, Draft Adjustment.....	1
49	195 994 M1	Bolt, Draft Control Adjustment Knob (1/4 x 1-1/16" NF, Carr., Special)....	1
50	353 754 X1	Washer (1/4" Small Flat).....	1
51	181 038 M91	Lever Assembly, Draft Control.....	1
52	181 039 M91	Lever Assembly, Position Control.....	1
53	181 019 M91	Shaft Assembly, Draft Control.....	1
55	181 015 M1	Roller, Quadrant Shaft.....	1
56	181 016 M1	Pin, Roller Quadrant.....	1
57	195 593 M1	Ball, Retainer Nut, Lead.....	1
58	355 286 X1	Screw (5/16 x 5/8" Cup Pt., Skt. Hd.).....	1
59	180 981 M1	Disc, Overload Stop.....	1
60	182 580 M1	Plunger, Control Spring.....	1
61	182 581 M1	Seat, Control Spring.....	1
62	182 582 M1	Spring, Hydraulic Lift.....	1

HYDRAULIC LIFT SHAFT

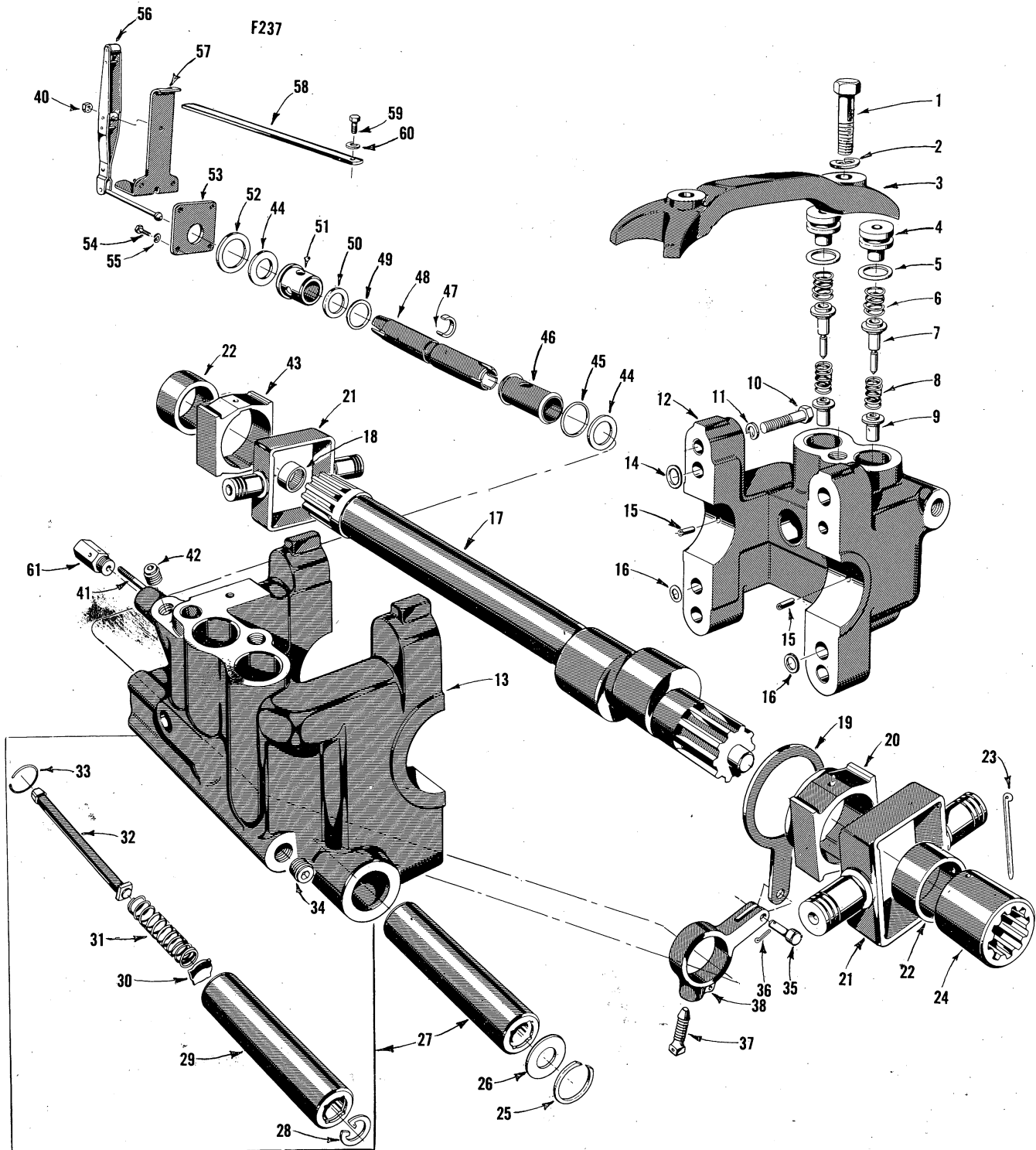


HYDRAULIC LIFT SHAFT

11

Ref. No.	Part No.	Description	No. Req.
1	182 588 M1	Arm, Hydraulic Lift, Left Hand.....	1
2	182 587 M1	Arm, Hydraulic Lift, Right Hand.....	1
3	180 917 M1	Washer, Lift Arm.....	2
4	180 916 M1	Clip, Locking, Lift Arm.....	2
5	354 391 X1	Bolt, Clip, Washer and Arm to Shaft (7/16 x 11/16" NF, Hex. Hd.).....	4
6	180 997 M1	Shaft, Link, Hydraulic Lift Cover.....	1
7	355 286 X1	Screw, Link Shaft (5/16 x 5/8" Cup Pt., Skt. Hd.).....	1
8	181 018 M1	Bushing, Lift Shaft (2 x 2-3/8 x 1-13/32").....	4
9	195 565 M1	"O" Ring, Lift Shaft.....	2
11	180 971 M1	Shaft, Hydraulic Lift.....	1
12	180 970 M1	Arm, Hydraulic Lift Ram.....	1
13	195 583 M1	Pin, Roll, Connecting Rod to Ram Arm.....	1
14	180 903 M1	Rod, Connecting, Hydraulic.....	1
15	181 159 M91	Piston Assembly, Hydraulic Lift.....	1
16	830 663 M91	Ring Kit, Hydraulic Lift Piston.....	1
17	195 562 M1	"O" Ring, Lift Cylinder (7/16 x 5/8 x 3/32").....	1
18	180 967 M1	Cylinder, Lift.....	1
19	195 574 M1	Bolt, Cylinder to Cover, Front (7/16 x 4-3/8" NF, Sq. Hd.).....	2
20	353 426 X1	Nut (7/16" NF, Hex.).....	4
21	195 595 M1	Bolt, Cylinder to Cover, Rear (7/16 x 5" NF, Sq. Hd.).....	2
23	181 010 M1	Bracket, Lever Support.....	1
24	353 688 X1	Screw, Cap, Support Bracket to Cylinder (3/8 x 5/8" NF).....	2
25	181 012 M1	Spring, Break Out.....	2
26	181 011 M1	Guide, Spring.....	2
27	195 663 M1	Nut, Elastic Stop, Spring Guide.....	2
28	181 001 M91	Lever Assembly, Draft Control.....	1
29	181 000 M91	Lever Assembly, Position Control.....	1
30	353 918 X1	Nut (1/4" NF, Hex.).....	1
31	181 008 M1	Cam, Eccentric, Position Control.....	1
32	180 993 M91	Link Assembly, Position Control.....	1
33	180 990 M1	Pin, Draft Control.....	1
34	195 575 M1	Ring, Snap, Draft Control Pin.....	1
35	180 991 M1	Roller, Cam.....	1
36	180 983 M91	Link Assembly, Draft Control.....	1
37	180 999 M1	Rod, Draft Control.....	1

HYDRAULIC PUMP



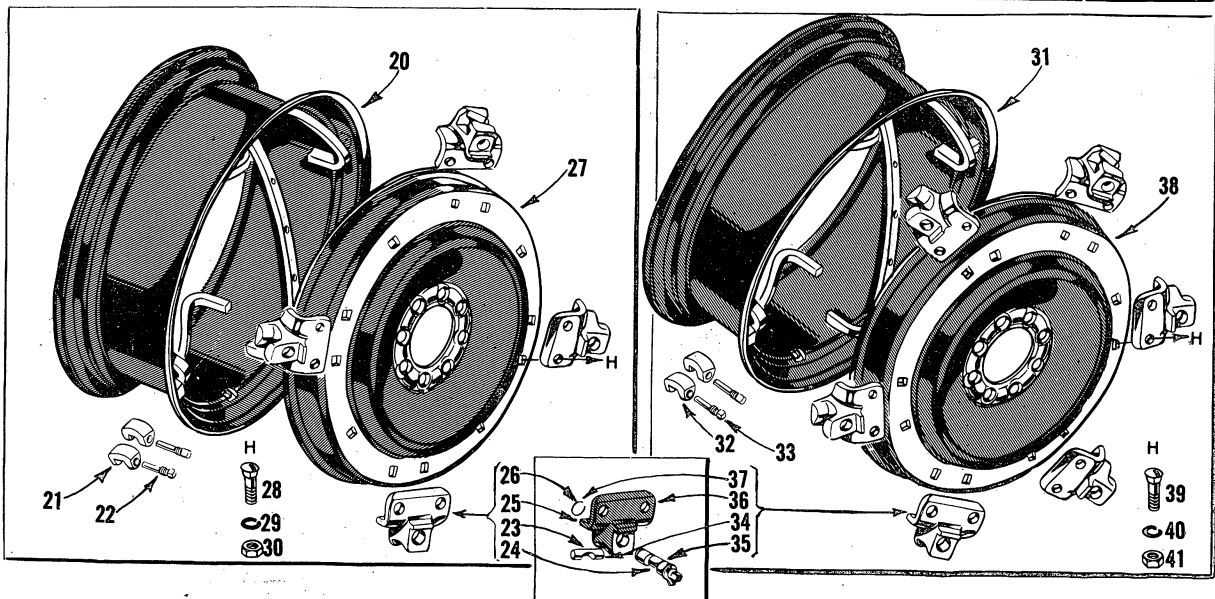
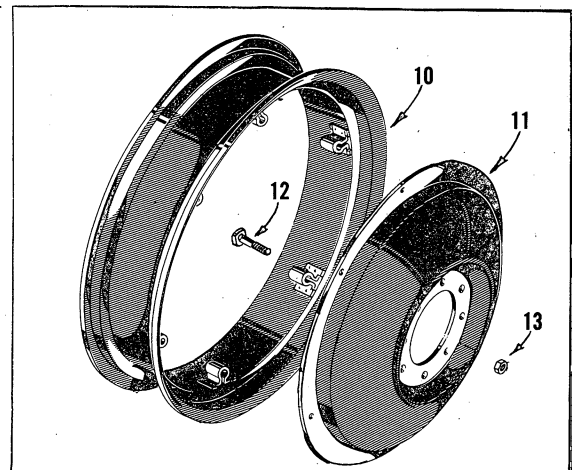
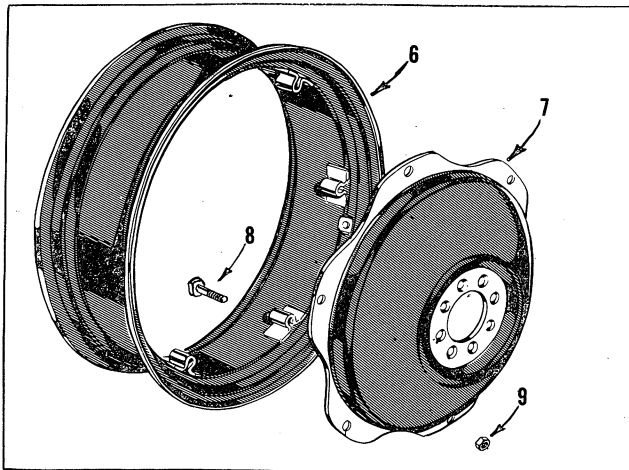
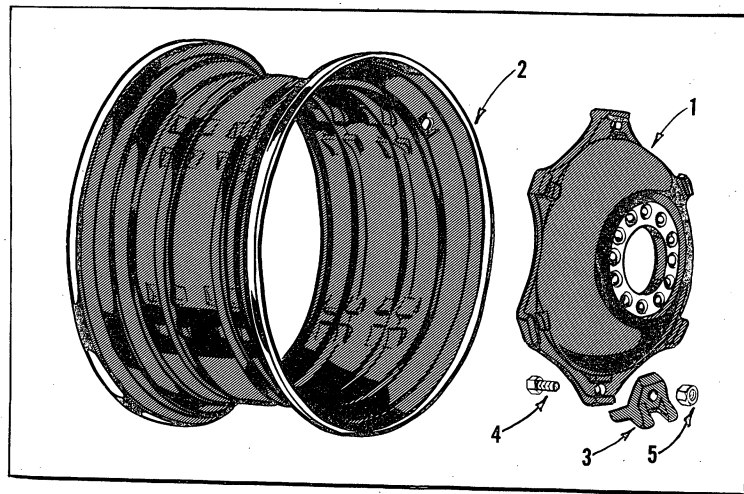
HYDRAULIC PUMP .

13

Ref. No.	Part No.	Description	No. Req.
	183 005 M91	Pump Assembly, Hydraulic.....	1
1	353 704 X1	Screw, Cap, Pump Handle to Pump Body (7/16 x 1-3/4" NC).....	2
2	353 432 X1	Washer (7/16" Lock).....	2
3	180 931 M1	Handle, Valve Retainer, Pump.....	1
4	180 932 M1	Plug, Valve Chamber.....	4
5	195 563 M1	"O" Ring, Valve Chamber Plug (11/16 x 7/8 x 3/32").....	4
6	180 928 M1	Spring, Outlet Valve.....	4
7	180 930 M1	Valve, Outlet.....	4
8	180 927 M1	Spring, Inlet Valve.....	4
9	180 929 M1	Valve, Inlet.....	4
	180 919 M91	Body Assembly, Hydraulic Pump.....	1
	195 560 M1	Pin, Locating.....	2
10	353 706 X1	Screw, Cap, Right Hand to Left Hand Body (7/16 x 2" NC).....	4
11	353 432 X1	Washer (7/16" Lock).....	4
12	180 921 M1	Body, Left Hand (Order 180 919 M91).....	1
13	180 920 M1	Body, Right Hand (Order 180 919 M91).....	1
14	195 561 M1	"O" Ring (3/8 x 1/2 x 1/16").....	1
15	195 584 M1	Pin, Roll.....	2
16	195 562 M1	"O" Ring (7/16 x 5/8 x 3/32").....	2
17	180 922 M91	Camshaft Assembly, Hydraulic Pump.....	1
18	1 000 251 M1	Bearing, Needle (Torrington #B-108).....	1
19	180 933 M1	Follower, Cam.....	1
20	180 924 M1	Block, Pump Cam, Front.....	1
21	181 043 M1	Piston, Pump.....	2
22	181 046 M1	Bearing, Pump (1-3/8 x 1-3/4 x 1-1/16").....	2
23	354 415 X1	Pin, Cotter, Coupling to Camshaft Assembly (5/32 x 2-1/4").....	1
24	180 926 M1	Coupling, Pump Shaft, Front.....	1
25	195 577 M1	Ring, Snap, Oscillator Assembly.....	1
26	180 943 M1	Washer, Oscillator Retainer.....	1
27	180 935 M91	Oscillator Assembly, Control Valve.....	1
28	195 576 M1	Ring, Snap.....	1
29	180 936 M1	Body, Oscillator (Order 180 935 M91).....	1
30	180 942 M1	Disc, Oscillator Drive Retainer.....	1
31	180 940 M1	Spring, Control Valve.....	1
32	180 937 M91	Drive Assembly, Oscillator.....	1
33	180 941 M1	Ring, Snap, Drive Retainer.....	1
34	195 581 M1	Plug, Pipe, Hex. Socket.....	3
35	354 187 X1	Pin, Clevis, Oscillator Link to Cam Follower (1/4 x 13/16").....	1
36	354 039 X1	Pin, Cotter (1/16 x 1/2").....	1
37	195 568 M1	Screw, Set, Oscillator Link Lock.....	1
38	180 934 M1	Link, Oscillator.....	1
40	195 578 M1	Nut, Elastic Stop.....	1
41	195 580 M1	Stud, Valve Lever Assembly.....	1
42	195 567 M1	Plug, Hex. Socket.....	2
43	180 925 M1	Block, Pump Cam, Rear.....	1
44	180 945 M1	Washer, Control Valve Sealing.....	1
45	195 564 M1	"O" Ring, Control Valve.....	1
46	180 946 M1	Retainer, "O" Ring.....	1
47	180 961 M1	Ring, Snap, Control Valve.....	1
48	180 944 M1	Valve, Pump Control.....	1
49	195 564 M1	"O" Ring, Control Valve (3/4 x 15/16 x 3/32").....	1
50	180 945 M1	Washer, Control Valve Sealing.....	2
51	180 947 M1	Spacer, Control Valve.....	1
52	180 948 M1	Washer, Control Valve.....	1
53	180 949 M1	Plate, Control Valve.....	1
54	353 678 X1	Screw, Cap, Plate to Right Hand Pump Body (5/16 x 7/8" NC).....	4
55	353 446 X1	Washer (5/16" Lock).....	4
56	180 952 M91	Lever Assembly, Valve.....	1
57	180 950 M1	Bracket, Valve Lever Guide.....	1
58	180 951 M1	Guide, Valve Lever, Upper.....	1
59	353 666 X1	Screw, Cap, Guide to Right Hand Pump Body (1/4 x 5/8" NC).....	1
60	353 441 X1	Washer (1/4" Lock).....	1
61	183 000 M91	Valve Assembly, Hydraulic Pump Safety.....	1

REAR WHEELS

F 231-1



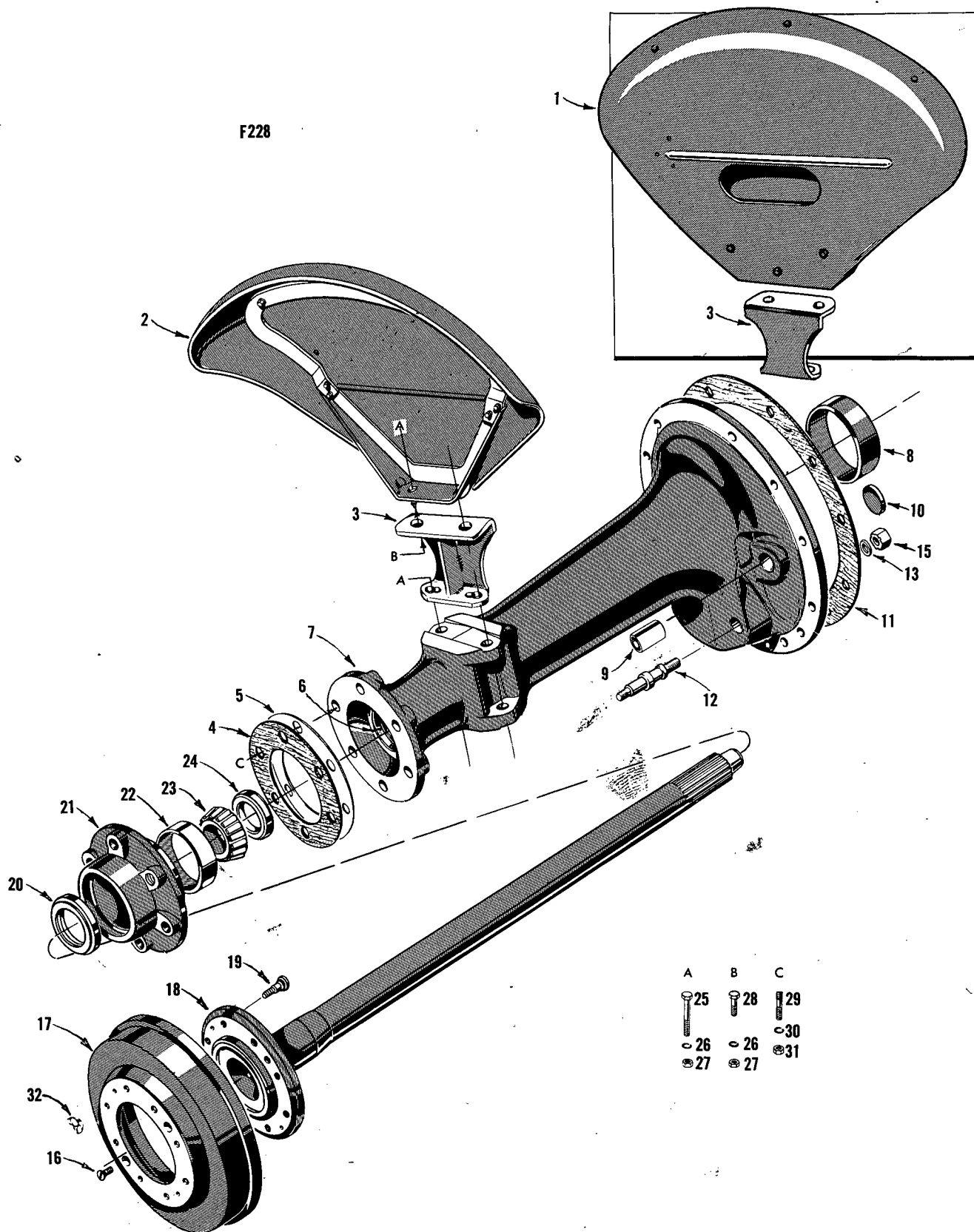
REGULAR

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>No. Req.</u>
1	182 617 M1	Disc, Wheel (13 x 24 Tire).....	2
2	182 618 M1	Rim, Rear Wheel.....	2
3	182 619 M1	Clamp.....	12
4	353 616 X1	Bolt (5/8 x 2-1/8" NF, Hex. Hd.).....	12
5	353 427 X1	Nut (5/8" NF, Hex.).....	12
6	180 863 M91	Rim Assembly (11 x 28 Tire).....	2
7	180 875 M1	Disc, Wheel (11 x 28 Tire).....	2
8	180 876 M1	Bolt, Rim to Disc.....	12
9	353 427 X1	Nut (5/8" NF, Hex.).....	12
10	182 708 M91	Rim Assembly (11 x 38 Tire).....	2
11	182 707 M91	Disc Assembly (11 x 38 Tire).....	2
12	180 876 M1	Bolt, Rim to Disc.....	12
13	353 427 X1	Nut (5/8" NF, Hex.).....	12
	180 376 M1	Sleeve, Tire Mounting (Use w/Long Valve)(Not Illustrated).....	2
	180 377 M1	Sleeve, Tire Mounting (Use w/Short Valve)(Not Illustrated).....	2

POWER ADJUSTED

20	1 751 395 M91	Rim Assembly (11 x 28 Tire).....	2
21	1 751 402 M1	Stop, Body.....	2
22	1 751 403 M1	Screw, Body Stop.....	2
23	1 751 407 M1	Block, Eccentric Pin.....	4
24	1 751 405 M1	Pin, Eccentric.....	4
25	1 751 406 M1	Body, Eccentric Pin.....	4
26	1 751 408 M1	Ring, Snap.....	4
27	1 751 404 M1	Disc, Wheel.....	2
28	1 751 409 M1	Bolt (5/8 x 1-5/8" NC, Carr.).....	8
29	353 433 X1	Washer (5/8" Lock).....	8
30	375 099 X1	Nut (5/8" NC, Hex.).....	8
31	1 009 436 M91	Rim Assembly (11 x 38 Tire).....	2
32	1 751 402 M1	Stop, Body.....	2
33	1 751 403 M1	Screw, Body Stop.....	2
34	1 751 407 M1	Block, Eccentric Pin.....	6
35	1 751 405 M1	Pin, Eccentric.....	6
36	1 751 406 M1	Body, Eccentric Pin.....	6
37	1 751 408 M1	Ring, Snap.....	6
38	1 751 764 M1	Disc, Wheel (11 x 38 Tire).....	2
39	1 751 409 M1	Bolt (5/8 x 1-5/8" NC, Carr.).....	12
40	353 433 X1	Washer (5/8" Lock).....	12
41	375 099 X1	Nut (5/8" NC, Hex.).....	12

F228



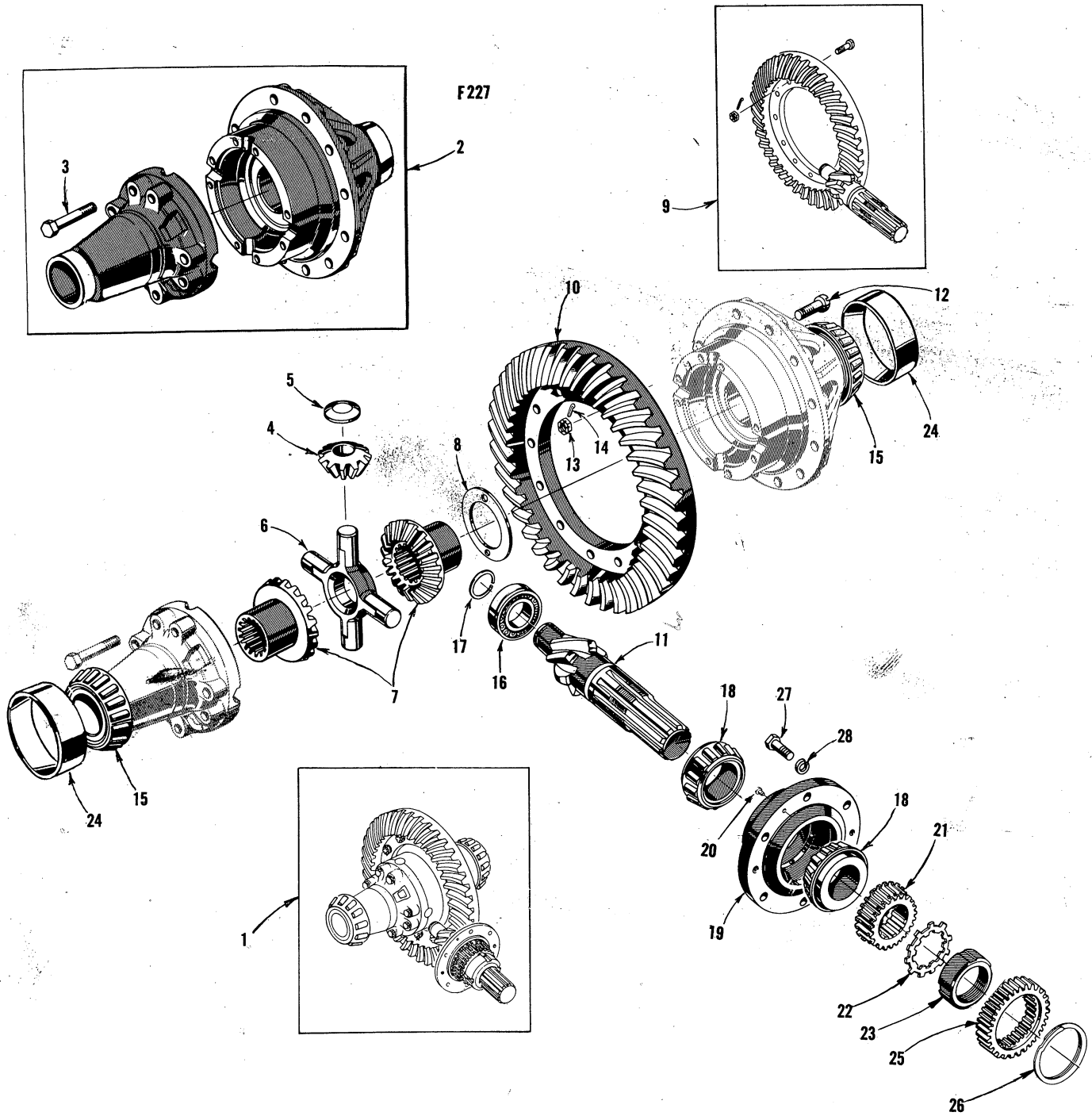
FENDERS, REAR AXLE AND HOUSING

17

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>No. Req.</u>
1	180 736 M91	Fender and Tool Box Assembly, Left Hand.....	1
2	180 707 M91	Fender Assembly, Right Hand.....	1
3	182 457 M91	Riser Assembly, Fender (High Clearance).....	1
4	181 232 M1	Gasket, Axle Housing, Outer.....	4
5	181 233 M1	Shim, Rear Axle Housing (.003", .005" Thick).....	x
5	181 234 M1	Shim (.015", .017" Thick).....	x
5	181 235 M1	Shim (.020", .022" Thick).....	x
6	195 678 M1	Seal, Oil, Rear Axle, Inner (2-1/8 x 2-7/8 x 7/16").....	2
7	181 403 M91	Housing Assembly, Rear Axle, Right Hand.....	1
7	181 405 M91	Housing Assembly, Rear Axle, Left Hand.....	1
8	195 160 M1	Cup, Bearing, Rear Axle (Timken #3920).....	1
9	180 802 M1	Bushing, Brake Cross Shaft.....	1
10	195 530 M1	Plug (1-1/4" Exp.).....	1
11	181 411 M1	Gasket, Rear Axle Housing to Center Housing.....	2
12	181 229 M1	Shaft, Lower Link.....	2
13	353 774 X1	Washer (5/8" Flat).....	2
15	195 556 M1	Nut, Elastic Stop.....	2
16	182 278 M1	Screw, Brake Drum to Rear Axle Shaft.....	4
17	181 230 M1	Drum, Brake.....	2
18	180 592 M91	Shaft Assembly, Rear Axle.....	2
19	181 260 M1	Bolt, Rear Wheel Disc.....	16
20	195 677 M1	Seal, Oil, Rear Axle Shaft Retainer (2-3/4 x 3-5/8 x 19/32").....	2
21	180 594 M91	Retainer Assembly, Rear Axle.....	2
22	195 676 M1	Cup, Bearing.....	1
23	195 675 M1	Cone, Bearing.....	2
24	180 596 M1	Collar, Shaft Bearing.....	2
25	353 648 X1	Bolt, Fender to Axle Housing (5/8 x 6-1/8" NF, Hex. Hd.).....	4
26	353 433 X1	Washer (5/8" Lock).....	x
27	353 427 X1	Nut (5/8" NF, Hex.).....	x
28	353 611 X1	Bolt (5/8 x 1-1/2" NF, Hex. Hd.).....	4
29	181 258 M1	Stud (7/16 x 2-1/2" NF).....	12
30	353 432 X1	Washer (7/16" Lock).....	12
31	353 426 X1	Nut (7/16" NF, Hex.).....	12
32	180 004 M1	Nut, Wheel to Axle.....	16

Note: x - in Right Hand Column - As Required.

DIFFERENTIAL

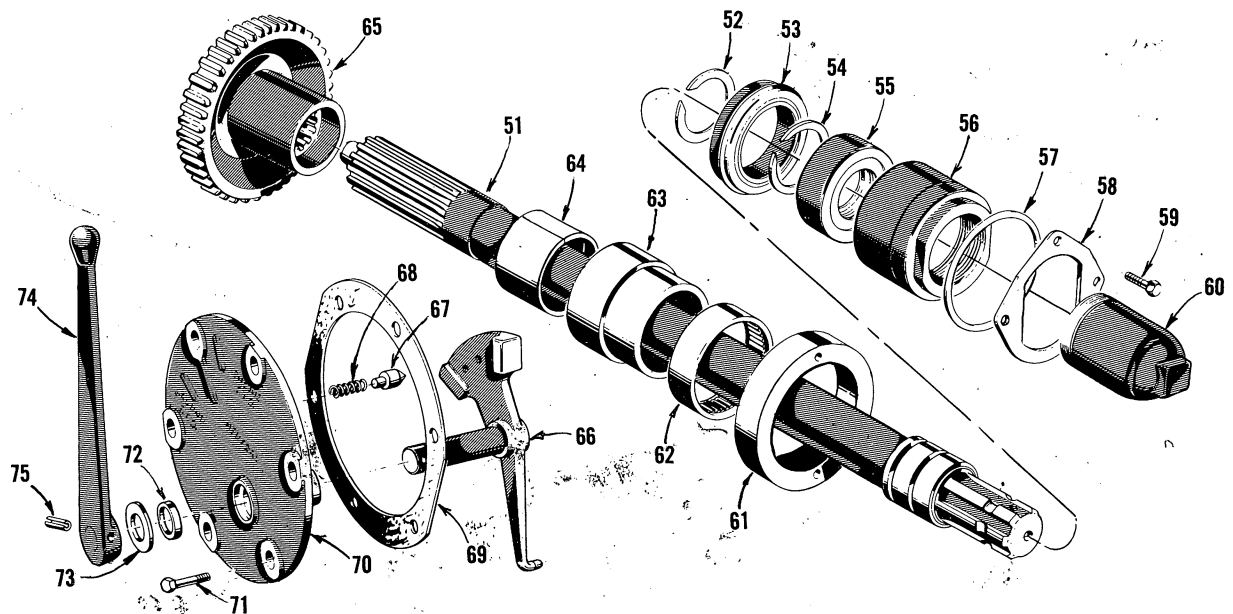
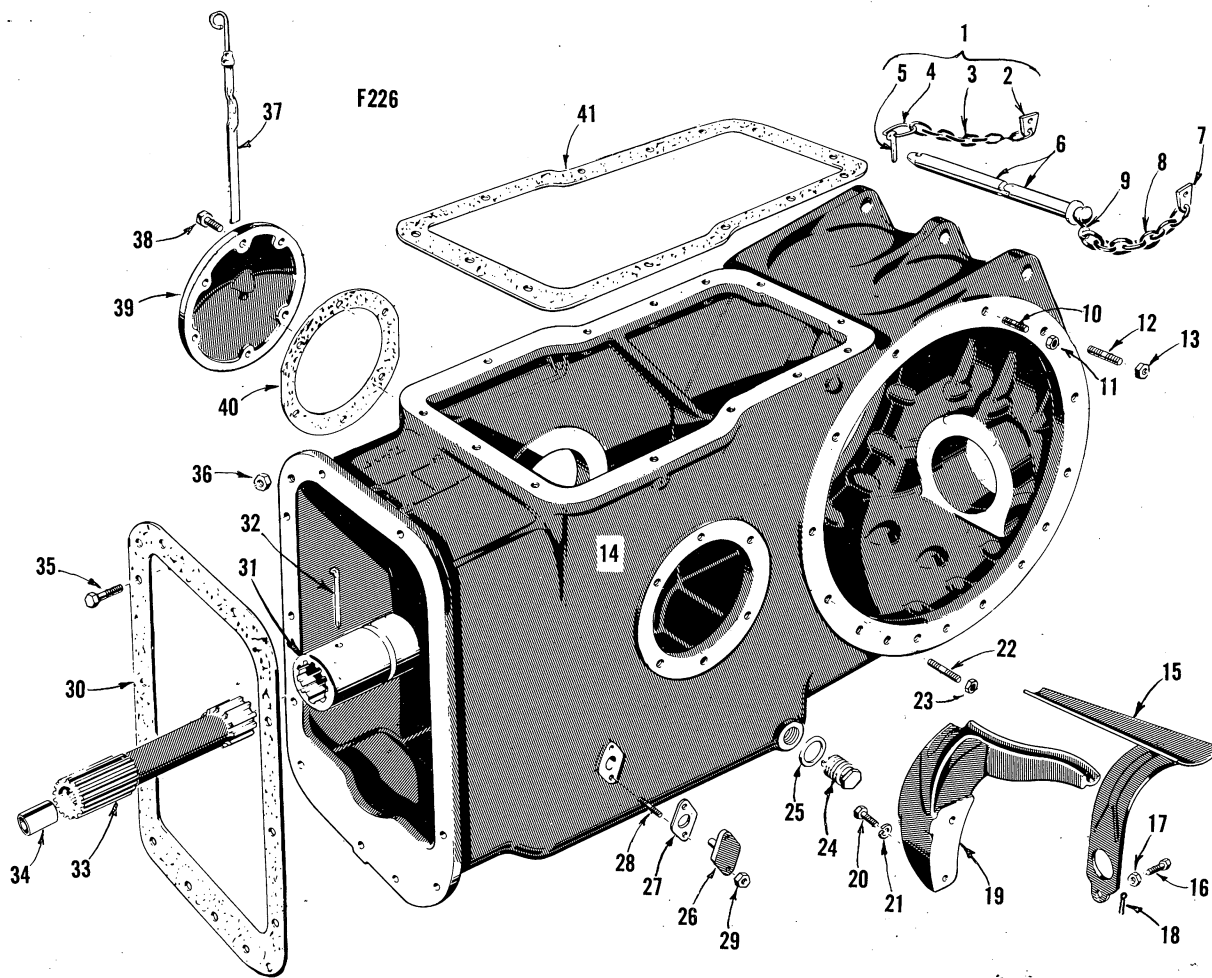


DIFFERENTIAL

19

<u>Ref.</u> <u>No.</u>	<u>Part No.</u>	<u>Description</u>	<u>No.</u> <u>Req.</u>
1	182 087 M91	Differential Assembly, Complete.....	1
2	181 974 M91	Case Assembly.....	1
3	181 246 M1	Bolt, Differential Case.....	8
4	181 275 M1	Pinion, Differential.....	4
5	181 277 M1	Washer, Pinion Thrust.....	4
6	181 276 M1	Spider, Differential Pinion.....	1
7	181 249 M1	Gear, Differential.....	2
8	181 247 M1	Washer, Gear Thrust.....	2
9	182 115 M91	Gear Set, Mated.....	1
10	182 089 M1	Gear, Ring (37 Teeth) (Order 182 115 M91).....	1
11	182 088 M1	Pinion, Bevel (6 Teeth).....	1
12	181 266 M1	Bolt (1/2 x 1-3/4" NF, Dld. f/ C-Pin).....	12
13	353 626 X1	Nut (1/2" NF, Hex., Sltd.).....	12
14	354 060 X1	Cotter Pin (1/8 x 1-1/8").....	12
15	195 159 M1	Cone, Bearing (Timken #3984).....	2
16	195 155 M1	Bearing, Pinion Pilot (Bower #MRY 1305EAM) <i>196 098 M-1</i>	1
17	195 496 M1	Ring, Snap, Bearing Retaining.....	1
18	195 163 M1	Cone, Bearing (Timken #53177).....	2
19	181 251 M91	Cup and Sleeve Assembly.....	1
20	181 253 M1	Pin, Dowel.....	1
21	180 798 M1	Hub, P.T.O. Drive Gear.....	1
22	180 455 M1	Washer, Lock.....	1
23	180 456 M1	Pin, Bearing Adjusting.....	1
24	195 160 M1	Cup, Bearing (Timken #3920).....	2
25	182 091 M1	Gear, P.T.O. Drive, Utility Tractor (23 Int. and 38 Ext. Teeth).....	1
25	182 799 M1	Gear, P.T.O. Drive, Hi-Clearance Tractor (23 Int. and 41 Ext. Teeth).....	1
26	195 690 M1	Ring, Snap, P.T.O. Drive Gear Lock.....	1
27	181 224 M1	Bolt, Sleeve Locking (9/16 x 1-1/4" NC, Hex.).....	6
28	195 553 M1	Washer (9/16" Lock).....	6

CENTER HOUSING
P. T. O. SHAFT, LEVER AND FORK



CENTER HOUSING

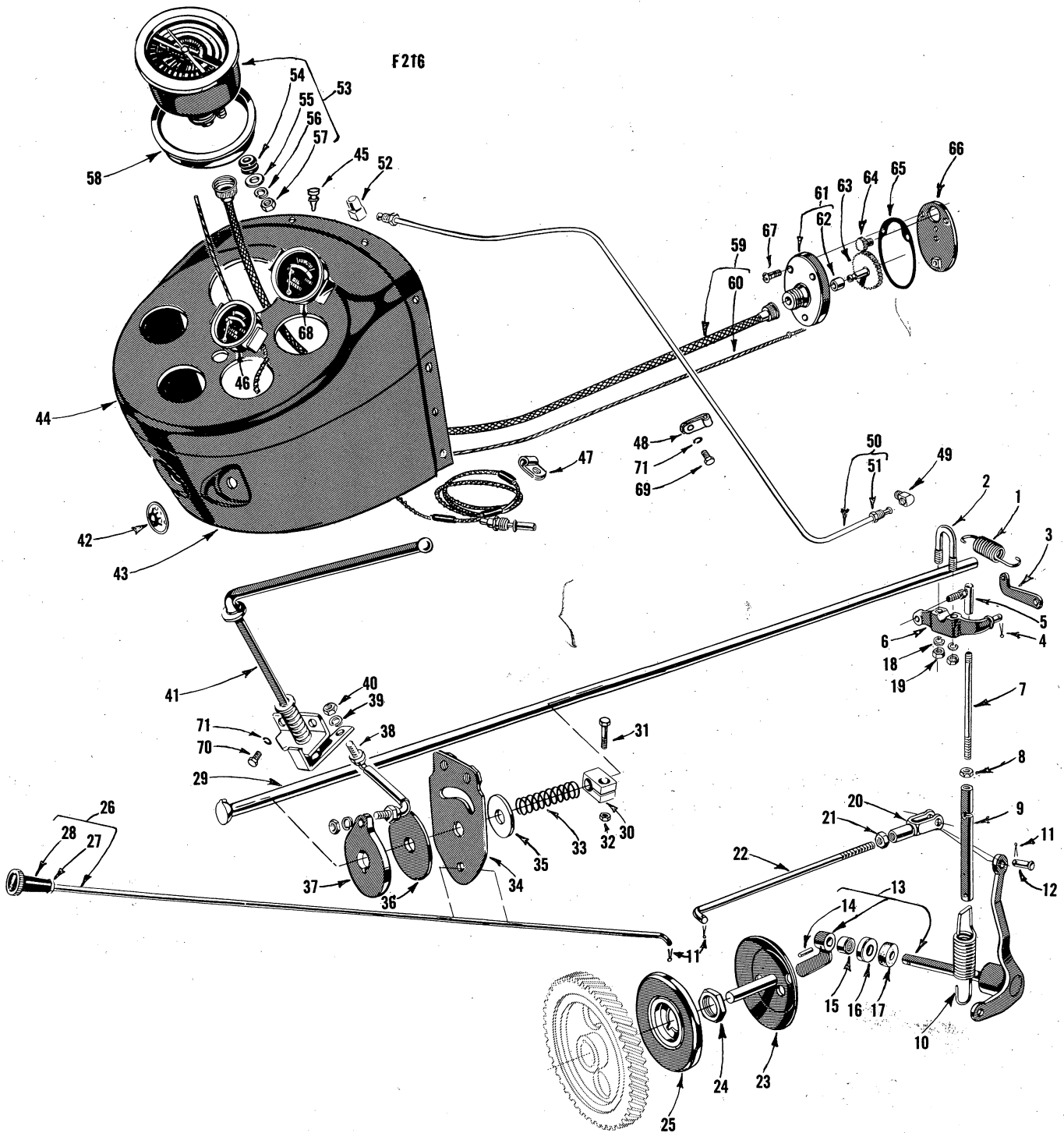
21

Ref. No.	Part No.	Description	No. Req.
1	180 912 M91	Retainer Assembly, Hitch Pin.....	1
2	180 913 M1	Anchor, Chain.....	1
3	195 344 M1	Chain.....	1
4	195 347 M1	Ring, Linch Pin.....	1
5	195 346 M1	Pin, Linch.....	1
6	180 901 M91	Pin Assembly, Hitch.....	1
7	180 913 M1	Anchor, Chain.....	1
8	195 340 M1	Chain.....	1
9	195 559 M1	Eye, Retainer Pin.....	1
10	353 963 X1	Stud, Hitch Pin Anchor (7/16 x 1-3/4" NC-NF).....	3
11	353 426 X1	Nut (7/16" NF, Hex.).....	3
12	353 962 X1	Stud, Rear Axle Housing to Center Housing (7/16 x 1-5/8" NC-NF).....	27
13	353 426 X1	Nut (7/16" NF, Hex.).....	27
14	181 402 M1	Housing, Center.....	1
15	181 225 M91	Trough Assembly, Differential Bearing Oil, Right Hand.....	1
16	354 007 X1	Bolt, Trough to Center Housing (1/4 x 1-3/8" NF, Hex. Hd., Dld.).....	2
17	353 922 X1	Nut (1/4" NF, Hex., Sltd.).....	2
18	354 039 X1	Pin, Cotter (1/16 x 1/2").....	2
19	181 267 M1	Trough, Differential Bearing Oil, Left Hand.....	1
20	353 690 X1	Screw, Cap, Trough to Center Housing (3/8 x 7/8" NC).....	2
21	353 434 X1	Washer (3/8" Lock).....	2
22	353 964 X1	Stud, Support to Rear Axle and Differential Housing (7/16 x 1-7/8" NC, NF).....	4
23	353 426 X1	Nut (7/16" NF, Hex.).....	1
24	195 466 M1	Plug, Magnetic Drain.....	1
25	180 474 M1	Gasket, Plug.....	1
26	180 905 M1	Pin, Pump Support.....	2
27	180 904 M1	Gasket, Pump Support Pin.....	2
28	195 569 M1	Stud, Pump Support Pin (5/16 x 1-1/16" NC-NF).....	4
29	353 916 X1	Nut (5/16" NF, Hex.).....	4
30	181 363 M1	Gasket, Transmission to Differential Housing.....	1
31	183 088 M1	Coupling, Rear Drive.....	1
32	354 416 X1	Pin, Cotter (3/16 x 2-1/2").....	1
33	181 439 M91	Shaft Assembly, Rear Drive.....	1
34	195 513 M1	Bearing, Needle (Torrington #B-1212).....	1
35	353 562 X1	Bolt, Transmission to Differential Housing (7/16 x 1-3/8" NF).....	13
36	353 426 X1	Nut (7/16" NF, Hex.).....	13
37	180 366 M1	Indicator, Oil Level.....	1
38	353 696 X1	Screw, Cap, Cover to Housing (7/16 x 3/4" NC).....	5
39	181 218 M91	Cover Assembly, Oil Level Indicator.....	1
40	181 217 M1	Gasket, Differential Housing Side Cover.....	2
41	181 408 M1	Gasket, Hydraulic Lift Cover.....	1

P. T. O. SHAFT, LEVER AND FORK

51	181 204 M91	Shaft Assembly, P.T.O.....	1
52	195 284 M1	Ring, Snap.....	1
53	195 498 M1	Bearing, Ball (Fafnir #9109KG).....	1
54	195 284 M1	Ring, Snap.....	1
55	195 506 M1	Seal, P.T.O. Retainer (Special).....	1
56	180 465 M1	Retainer, P.T.O. Seal.....	1
57	195 522 M1	"O" Ring, P.T.O. Retainer Seal (2-7/8 x 3-1/4 x 7/32").....	1
58	180 460 M1	Retainer, P.T.O. Bearing.....	1
59	353 697 X1	Screw, Cap, Retainer to Center Housing (7/16 x 7/8" NC).....	3
60	180 313 M1	Cap, Reduction Assembly.....	1
61	180 464 M1	Retainer, P.T.O. Shaft Bearing.....	1
62	195 453 M1	Bearing, Needle (Torrington #B-228).....	1
63	180 463 M1	Sleeve, P.T.O. Shaft.....	1
64	180 461 M1	Bushing, P.T.O. Sleeve.....	1
65	182 090 M1	Gear, Ground Speed P.T.O. Driven (10 Int. and 32 Ext. Teeth) (Utility)....	1
65	182 798 M1	Gear, Ground Speed P.T.O. Driven (10 Int. and 29 Ext. Teeth) (Hi-Clearance)	1 ²
66	181 211 M91	Fork Assembly, P.T.O.....	1
67	180 418 M1	Plunger.....	1
68	180 417 M1	Spring, Plunger.....	1
69	181 217 M1	Gasket, Center Housing Side Cover.....	1
70	181 214 M1	Cover, P.T.O. Shifter Lever.....	1
71	353 696 X1	Screw, Cap, P.T.O. Cover to Center Housing (7/16 x 3/4" NC).....	5
72	195 467 M1	Seal, Oil (5/8 x 1 x 3/16").....	1
73	353 760 X1	Washer (5/8" Regular Flat).....	1
74	181 215 M1	Lever, P.T.O. Shifter.....	1
75	195 468 M1	Pin, Roll.....	1

INSTRUMENT PANEL, THROTTLE AND GOVERNOR

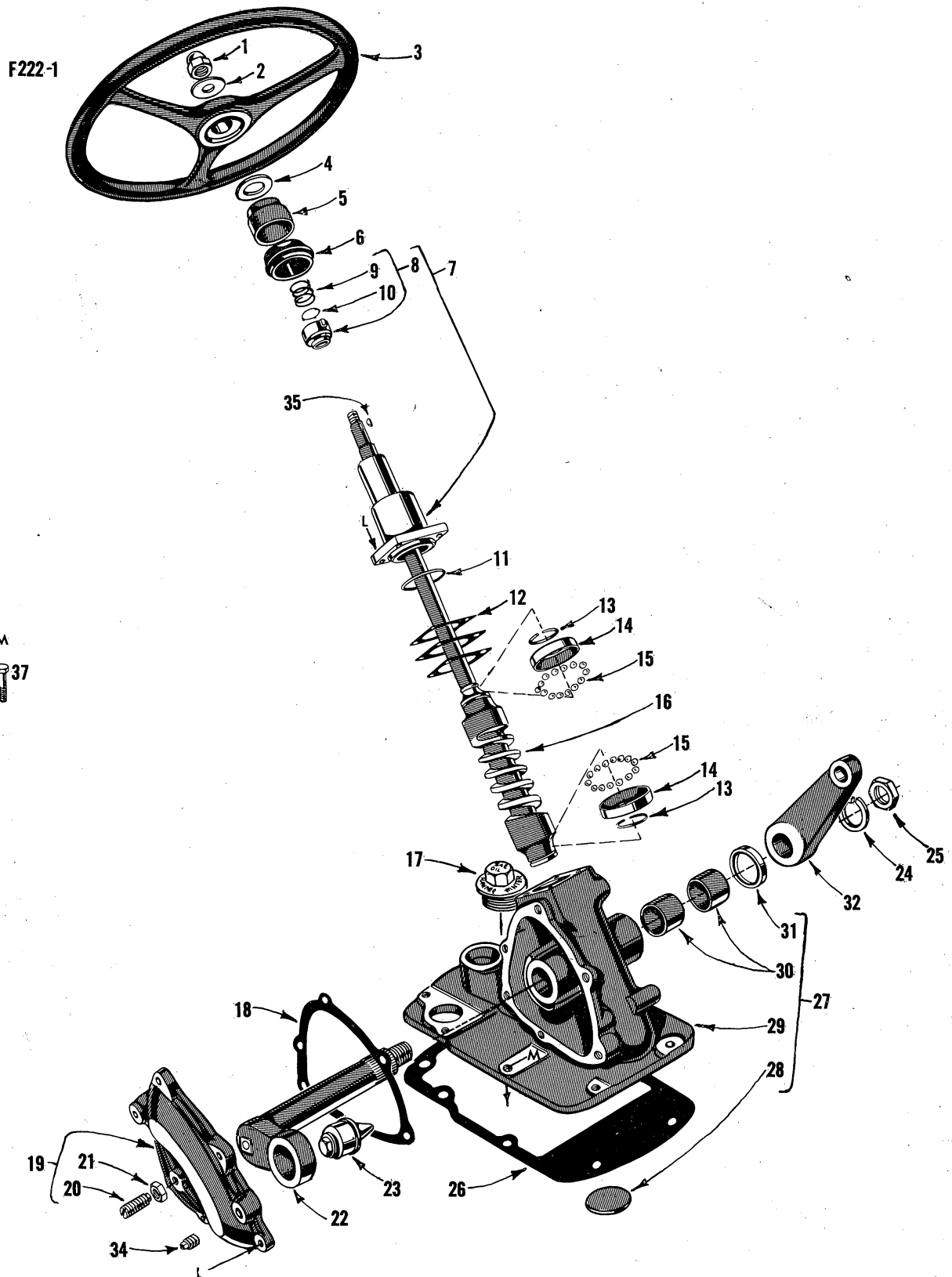


INSTRUMENT PANEL, THROTTLE AND GOVERNOR

23

Ref. No.	Part No.	Description	No. Req.
1	181 535 M1	Spring, Governor Compensator.....	1
2	181 537 M1	"U" Bolt, Governor Control Lever.....	1
3	181 533 M1	Link, Compensator Spring.....	1
4	354 046 X1	Pin, Cotter (3/32 x 1/2").....	1
5	180 297 M1	Ball Joint, Throttle Control.....	1
6	181 536 M1	Rocker, Governor Linkage.....	1
7	181 567 M1	Rod, Governor Lever Arm.....	1
8	354 121 X1	Nut (1/4" NC, Hex.).....	1
9	180 093 M1	Plunger, Throttle Control.....	1
10	180 088 M1	Spring, Governor Lever.....	1
11	354 039 X1	Pin, Cotter (1/16 x 1/2").....	3
12	354 187 X1	Pin, Clevis (1/4 x 13/16").....	1
13	1 750 211 M91	Lever Assembly.....	1
14	1 750 150 M1	Pin, Rocker Arm to Shaft.....	1
15	1 750 100 M1	Bearing, Needle.....	2
16	1 750 108 M1	Seal, Oil.....	1
17	1 750 103 M1	Seal, Dust.....	1
18	353 446 X1	Washer (5/16" Lock).....	2
19	353 916 X1	Nut (5/16" NF, Hex.).....	2
20	195 551 M1	Clevis, Adjustable.....	1
21	353 918 X1	Nut (1/4" NF, Hex.).....	1
22	181 534 M1	Rod, Governor to Carburetor.....	1
23	1 002 867 M91	Shaft and Race Assembly, Governor.....	1
24	1 500 098 M1	Nut, Lock, Driver and Gear to Camshaft.....	1
25	1 002 785 M91	Driver Assembly, Governor.....	1
26	181 568 M91	Rod Assembly, Choke Control.....	1
27	180 709 M1	Nut, Choke Control.....	1
28	180 708 M1	Knob, Choke Control.....	1
29	182 480 M1	Rod, Throttle.....	1
30	180 710 M1	Clamp, Throttle Rod.....	1
31	354 390 X1	Bolt (5/16 x 15/16" NF, Hex.).....	1
32	353 916 X1	Nut (5/16" NF, Hex.).....	1
33	180 689 M1	Spring, Throttle Rod.....	1
34	182 470 M91	Plate Assembly, Throttle Friction.....	1
35	180 714 M1	Washer, Throttle Rod.....	1
36	180 713 M1	Washer, Throttle Rod Plate.....	1
37	182 472 M1	Plate Assembly, Throttle Rod.....	1
38	182 704 M1	Link Assembly, Throttle Control.....	1
39	353 441 X1	Washer (1/4" Lock).....	2
40	353 919 X1	Nut (1/4" NC, Hex., Jam).....	2
41	182 333 M91	Lever Assembly, Throttle.....	1
42	180 683 M1	Plate, Ignition Switch Index.....	1
43	182 901 M1	Panel, Instrument, Lower.....	1
44	182 853 M91	Panel Assembly, Upper.....	1
45	180 673 M1	Bumper, Hood.....	4
46	182 652 M91	Indicator Assembly, Temperature.....	1
47	180 746 M1	Clip, Temperature Indicator Line.....	2
48	180 739 M1	Clip, Oil Pressure Gauge Line.....	1
49	195 439 M1	Connector, Oil Pressure Gauge Line.....	1
50	182 653 M91	Tube Assembly, Oil Pressure Gauge.....	1
51	195 442 M1	Nut.....	2
52	195 439 M1	Connector, Oil Pressure Gauge Line.....	1
53	1 751 635 M91	Tractormeter, Utility Tractor (Inc. items 54 thru 57).....	1
53	1 751 695 M91	Tractormeter, Hi-Clearance Tractors (Inc. items 54 thru 57).....	1
54	1 751 292 M1	Grommet.....	2
55	353 753 X1	Washer, Flat.....	2
56	353 445 X1	Washer, Lock.....	2
57	15 422 X	Nut, Hex.....	2
58	1 751 291 M1	Pad, Mounting.....	1
59	1 751 693 M91	Shaft Assembly, Flexible.....	1
60	1 751 694 M1	Shaft, Flexible.....	1
61	1 751 295 M91	Housing Assembly.....	1
62	1 751 296 M1	Bearing, Needle.....	1
63	1 751 301 M91	Gear and Shaft Assembly, Driven.....	1
64	1 751 304 M1	Pinion, Drive.....	1
65	1 751 298 M1	Gasket, Housing.....	1
66	1 751 299 M91	Plate Assembly, Housing.....	1
67	354 204 X1	Screw (5/32 x 7/8" Flat Hd., Mach.).....	3
68	180 100 M91	Gauge Assembly, Oil Pressure.....	1
69	353 500 X1	Bolt (1/4 x 3/8" NF, Hex., Hd.).....	1
70	353 666 X1	Screw (1/4 x 5/8" NC, Hex. Hd.).....	4
71	353 441 X1	Washer (1/4" Lock).....	5

STEERING GEAR UTILITY AND HI-ARCH



UTILITY AND HI-ARCH

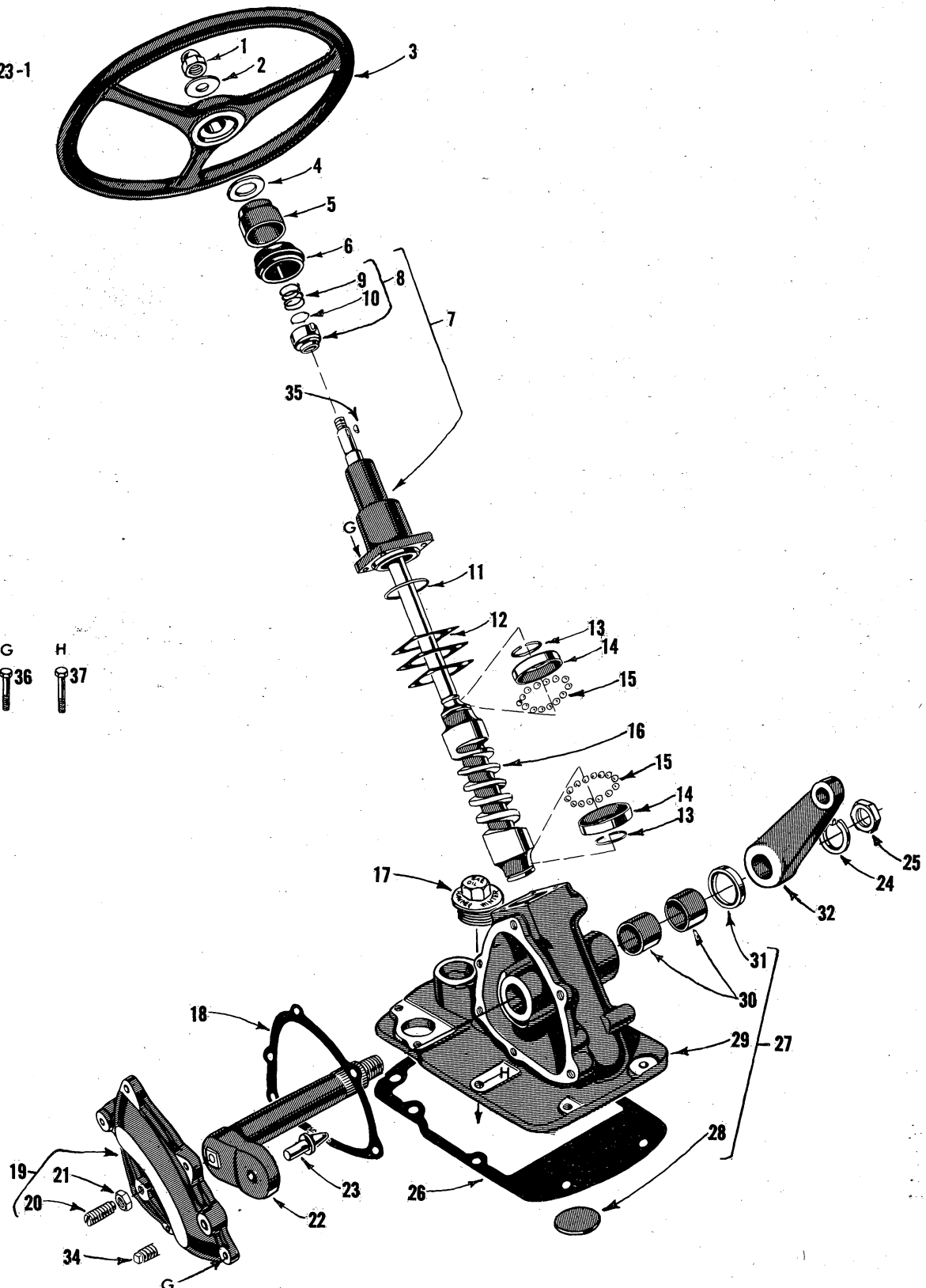
<u>Ref.</u> <u>No.</u>	<u>Part No.</u>	<u>Description</u>	<u>No.</u> <u>Req.</u>
1	195 592 M1	Nut, Steering Wheel Dome.....	1
2	180 577 M1	Washer, Steering Wheel.....	1
3	180 576 M1	Wheel, Steering.....	1
4	180 573 M1	Seal, Steering Column (Felt).....	1
5	182 665 M1	Cap, Steering Column.....	1
6	180 575 M1	Seal, Steering Column Cap.....	1
7	1 751 858 M91	Tube and Cover Assembly, Steering.....	1
8	1 751 860 M91	Tube Bearing Assembly.....	1
9	1 500 490 M1	Spring, Bearing.....	1
10	1 751 737 M1	Seat, Bearing Spring.....	1
11	1 751 738 M1	"O" Ring.....	1
12	15 753 A	Shim, Upper Cover (.002").....	x
12	15 751 A	Shim, Upper Cover (.003").....	x
12	15 752 A	Shim, Upper Cover (.010").....	x
13	14 069 E	Ring, Retaining.....	2
14	1 003 341 M1	Cup, Ball.....	2
15	13 535 X	Ball.....	28
16	1 751 857 M91	Cam and Shaft Assembly.....	1
17	180 580 M1	Plug, Filler, Transmission.....	1
18	1 751 732 M1	Gasket, Side Cover.....	1
19	1 751 864 M91	Cover Assembly, Housing Side.....	1
20	1 751 740 M1	Screw, Adjusting.....	1
21	353 428 X1	Nut, Adjusting Screw (7/16" NF).....	1
22	1 751 862 M91	Levershaft Assembly.....	1
23	1 751 729 M91	Bearing and Stud Assembly.....	1
24	353 451 X1	Washer, Lock (1-1/8").....	1
25	1 751 739 M1	Nut, Levershaft.....	1
26	180 511 M1	Gasket, Steering Housing to Transmission Case.....	1
27	1 751 853 M91	Steering Gear Housing Assembly.....	1
28	14 708 X	Plug, Steering Gear Housing.....	1
29	1 751 725 M1	Housing (Order 1 751 853 M91).....	1
30	1 751 730 M1	Bushing, Levershaft.....	2
31	1 751 733 M1	Seal, Oil, Steering Gear Housing.....	1
32	182 775 M1	Arm, Steering, Drag Link.....	1
34	375 181 X1	Plug, Pipe.....	1
35	2 951 X	Key (3/16 x 3/4" Woodruff).....	1
36	1 751 741 M1	Bolt (3/8 x 1" NC, Hex., Nylock).....	9
37	353 700 X1	Screw (7/16 x 1-1/4" Cap).....	x

Note: x - in Right Hand Column - As Required.

STEERING GEAR

SINGLE AND TWIN WHEEL

F223-1



STEERING GEAR

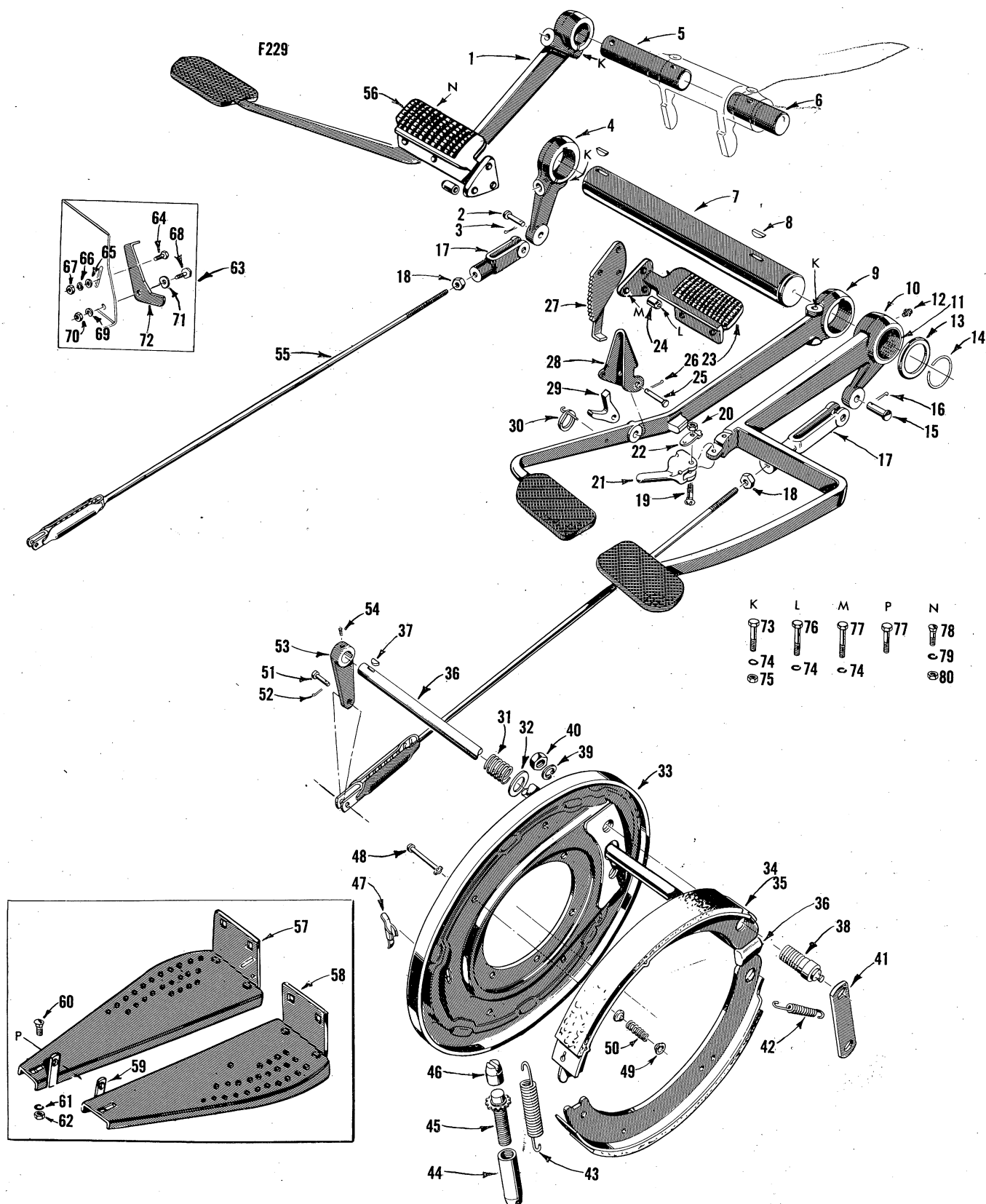
27

SINGLE AND TWIN WHEEL

Ref. No.	Part No.	Description	No. Req.
1	195 592 M1	Nut, Steering Wheel Dome.....	1
2	180 577 M1	Washer, Steering Wheel.....	1
3	180 576 M1	Wheel, Steering.....	1
4	180 573 M1	Seal, Steering Column (Felt).....	1
5	182 665 M1	Cap, Steering Column.....	1
6	180 575 M1	Seal, Steering Column Cap.....	1
7	1 751 858 M91	Tube and Cover Assembly, Steering.....	1
8	1 751 860 M91	Tube Bearing Assembly.....	1
9	1 500 490 M1	Spring, Bearing.....	1
10	1 751 737 M1	Seat, Bearing Spring.....	1
11	1 751 738 M1	"O" Ring.....	1
12	15 753 A	Shim, Upper Cover (.002").....	x
12	15 751 A	Shim, Upper Cover (.003").....	x
12	15 752 A	Shim, Upper Cover (.010").....	x
13	14 069 E	Ring, Retaining.....	2
14	1 003 341 M1	Cup, Ball.....	2
15	13 535 X	Ball.....	28
16	1 751 855 M91	Cam and Shaft Assembly.....	1
17	180 580 M1	Plug, Filler, Transmission.....	1
18	1 751 732 M1	Gasket, Side Cover.....	1
19	1 751 864 M91	Cover Assembly, Housing Side.....	1
20	1 751 740 M1	Screw, Adjusting.....	1
21	353 428 X1	Nut, Adjusting Screw (7/16" NF).....	1
22	1 751 861 M91	Levershaft Assembly.....	1
23	1 751 728 M1	Stud, Levershaft.....	1
24	353 451 X1	Washer (1-1/8" Lock).....	1
25	1 751 739 M1	Nut, Levershaft.....	1
26	180 511 M1	Gasket, Steering Housing to Transmission Case.....	1
27	1 751 853 M91	Steering Gear Housing Assembly.....	1
28	14 708 X	Plug, Steering Gear Housing.....	1
29	1 751 725 M1	Housing (Order 1 751 853 M91).....	1
30	1 751 730 M1	Bushing, Levershaft.....	2
31	1 751 733 M1	Seal, Oil, Steering Gear Housing.....	1
32	182 775 M1	Arm, Steering, Drag Link.....	1
34	375 181 X1	Plug, Pipe.....	1
35	2 951 X	Key (3/16 x 3/4" Woodruff).....	1
36	1 751 741 M1	Bolt, Hex. Hd., Nylock.....	9
37	353 700 X1	Screw (7/16 x 1-1/4" Cap).....	x

Note: x - in Right Hand Column - As Required.

BRAKES



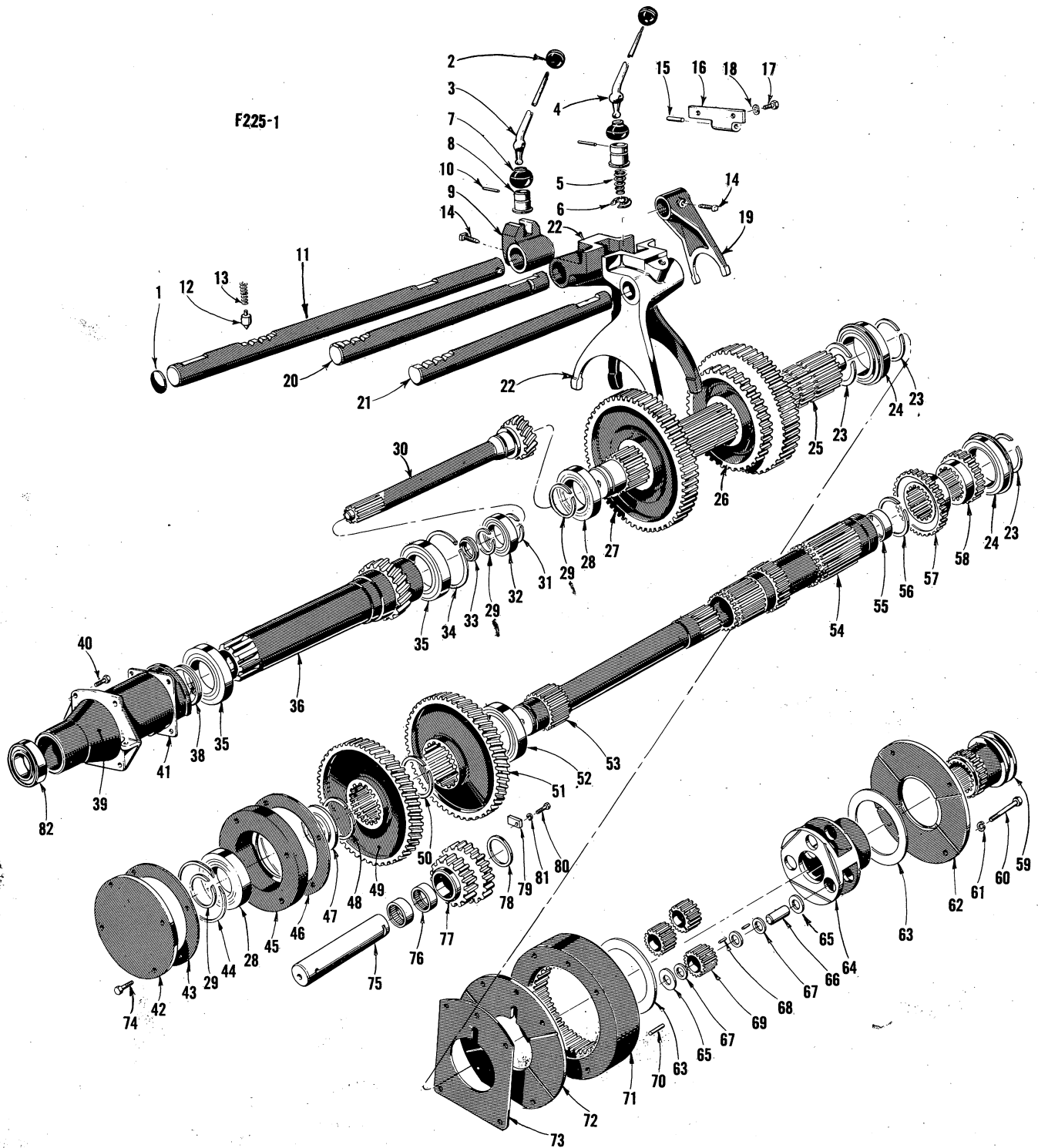
BRAKES

29

Ref. No.	Part No.	Description	No. Req.
1	182 379 M1	Pedal, Clutch.....	1
2	195 604 M1	Pin, Clevis, Combined Brake Arm to Brake Rod.....	1
3	354 057 X1	Pin, Cotter (1/8 x 3/4").....	1
4	180 864 M1	Arm, Combined Brake.....	1
5	180 444 M1	Shaft, Clutch Pedal.....	1
6	180 449 M1	Shaft, Clutch Release Pivot.....	1
7	181 959 M1	Shaft, Combined Brake Cross.....	1
8	12 501 X	Key (1/4 x 1", #15 Woodruff).....	2
9	181 962 M1	Pedal, Left Wheel Brake.....	1
10	181 961 M1	Pedal, Right Wheel Brake.....	1
11	195 910 M1	Bushing, Brake Pedal.....	1
12	13 811 X	Grease Fitting (1/4" NF, Str.).....	1
13	181 964 M1	Washer, Brake Cross Shaft.....	1
14	195 904 M1	Ring, Snap.....	1
15	195 604 M1	Pin, Clevis, Left Brake Pedal to Brake Rod.....	1
16	354 057 X1	Pin, Cotter (1/8 x 3/4").....	1
17	195 270 M1	Yoke, Adjustable, Brake Rod.....	2
18	353 430 X1	Nut (3/8" NF, Hex.).....	2
19	195 900 M1	Screw, Spring Lock to Pedal (5/16 x 1-5/8" NF, Fl. Hd., Mach.).....	1
20	195 454 M1	Nut (5/16" NF, Self-Locking).....	1
21	181 960 M1	Lock, Combine Brake.....	1
22	181 958 M1	Spring, Combine Brake Lock.....	1
23	182 310 M1	Rest, Foot, Right Hand.....	1
24	182 376 M1	Stop, Brake and Clutch Pedal.....	2
25	195 242 M1	Pin, Clevis, Latch to Left Wheel Brake Pedal.....	1
26	354 055 X1	Pin, Cotter (1/8 x 1/2").....	1
27	182 009 M91	Sector Assembly, Parking Brake.....	1
28	181 149 M1	Actuator, Parking Brake Latch.....	1
29	181 150 M1	Latch, Parking Brake.....	1
30	180 809 M1	Spring, Parking Brake Latch.....	1
31	180 813 M1	Spring, Cover, Washer.....	2
32	180 812 M1	Washer, Brake Camshaft Hole Cover.....	2
33	180 816 M91	Plate Assembly, Backing.....	2
34	830 480 M92	Shoe and Lining Kit (set of 4).....	1
35	830 481 M92	Shoe and Lining Kit, +.030 (set of 4).....	1
36	180 811 M1	Camshaft, Brake Actuating.....	2
37	16 346 X	Key, Rear Brake Lever to Camshaft (3/16 x 1-1/8", #16 Woodruff).....	2
38	180 828 M1	Pin, Brake Anchor.....	4
39	195 597 M1	Washer, Anchor (3/4" Lock).....	4
40	353 435 X1	Nut (3/4" NF, Hex.).....	4
41	180 814 M1	Brace, Brake Anchor Pin.....	2
42	180 815 M1	Spring, Brake Anchor Pin (Blue).....	4
43	180 832 M1	Spring, Brake Adjusting Screw (Orange).....	2
44	180 827 M1	Nut, Adjusting Screw.....	2
45	180 826 M1	Screw, Brake Adjusting.....	2
46	180 831 M1	Socket, Adjusting Screw.....	2
47	180 836 M1	Cover, Adjusting Hole Screw.....	2
48	180 833 M1	Pin, Brake Shoe Hold-down.....	8
49	180 834 M1	Cup, Brake Shoe Hold-down Spring.....	16
50	180 835 M1	Spring, Brake Shoe Positioning.....	8
51	195 604 M1	Pin, Clevis, Rear Brake Lever to Brake Rod (3/8 x 1-1/8").....	2
52	354 057 X1	Pin, Cotter (1/8 x 3/4").....	2
53	181 965 M1	Lever, Rear Brake.....	2
54	355 434 X1	Screw, Set, Rear Brake Lever to Camshaft (1/4 x 1/4" Cup Pt.).....	2
55	181 981 M91	Rod and Yoke Assembly, Brake.....	2
56	182 311 M1	Rest, Foot, Left Hand.....	1
57	182 308 M91	Step Assembly, Left Hand (Includes Items 59 thru 62).....	1
58	182 309 M91	Step Assembly, Right Hand.....	1
59	180 590 M1	Bracket, Step.....	2
60	353 807 X1	Bolt (3/8 x 7/8" NF, Carr.).....	2
61	353 434 X1	Washer (3/8" Lock).....	2
62	353 431 X1	Nut (3/8" NF, Hex.).....	2
63	677 040	Stop Assembly, Clutch Pedal Adjustable.....	1
64	353 501 X1	Bolt (1/4 x 1/2" NF, Hex. Hd.).....	1
65	353 754 X1	Washer (1/4" Small Flat).....	1
66	353 441 X1	Washer (1/4" Lock).....	1
67	353 918 X1	Nut (1/4" NF, Hex.).....	1
68	180 770 M1	Bolt, Shoulder.....	1
69	353 434 X1	Washer (3/8" Lock).....	1
70	353 431 X1	Nut (3/8" NF, Hex.).....	1
71	195 681 M1	Washer, Spring.....	1
72	180 769 M1	Lever, Clutch Pedal Stop.....	1
73	353 571 X1	Bolt (7/16 x 2-1/2" NF, Hex. Hd.).....	x
74	353 432 X1	Washer (7/16" Lock).....	x
75	353 426 X1	Nut (7/16" NF, Hex.).....	x
76	353 710 X1	Screw, Cap (7/16 x 2-1/2" NF).....	x
77	353 700 X1	Screw, Cap (7/16 x 1-1/4" NF).....	x
78	353 784 X1	Bolt (1/4 x 3/4" NF, Carr.).....	x
79	353 441 X1	Washer (1/4" Lock).....	x
80	353 918 X1	Nut (1/4" NF, Hex.).....	x

Note: x - in Right Hand Column - As Required.

TRANSMISSION AND GEAR SHIFT

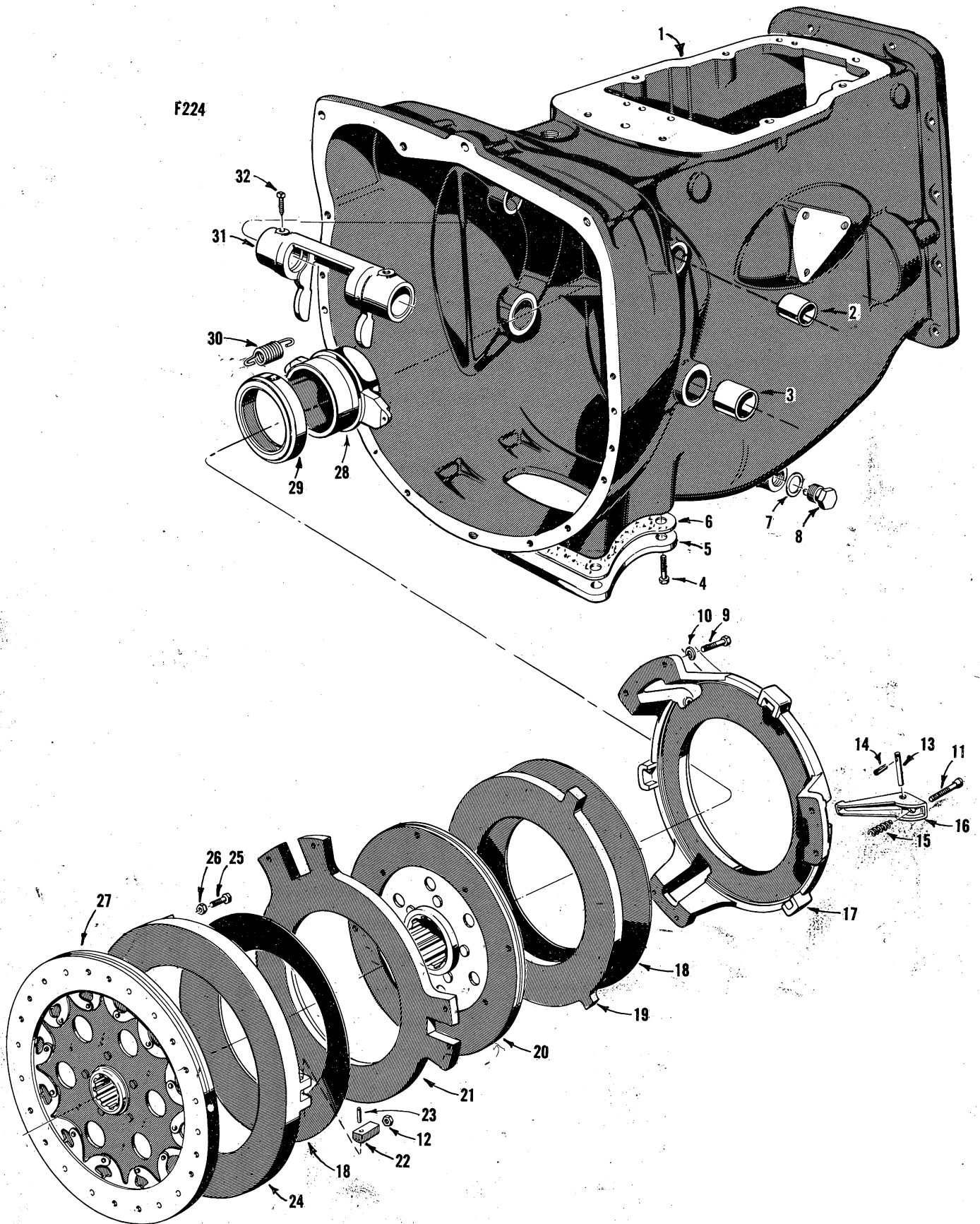


TRANSMISSION AND GEAR SHIFT

31

Ref. No.	Part No.	Description	No. Req.
1	2 950 X	Plug, Expansion.....	1
2	180 006 M91	Ball, Gear Shifter Lever.....	2
3	180 440 M1	Lever, Planetary Gear Shift.....	1
4	180 436 M1	Lever, Gear Shift.....	1
5	180 582 M1	Spring, Gear Shifter.....	1
6	180 583 M1	Seat, Gear Shift Lever Spring.....	1
7	180 579 M1	Cover, Gear Shift Lever.....	2
8	180 447 M1	Cup, Gear Shift Lever.....	2
9	180 446 M1	Selector, Planetary Shift Rail.....	1
10	180 581 M1	Pin, Gear Shifter Lever.....	2
11	180 439 M2	Rail, Planetary.....	1
12	180 418 M1	Plunger, Selector Rail Position.....	3
13	180 417 M1	Spring, Transmission Shifter Rail.....	3
14	180 002 M1	Screw, Transmission Gear Shifter Fork Lock.....	4
15	180 457 M1	Pin, Selector Lock.....	1
16	180 453 M1	Plate, Gear Lever Stop.....	1
17	353 690 X1	Screw, Cap, Plate to Transmission Case (3/8 x 7/8" NC).....	2
18	353 434 X1	Washer (3/8" Lock).....	2
19	180 443 M1	Fork, Planetary Shifter.....	1
20	180 442 M2	Rail, Reverse and Low Shifter.....	1
21	180 438 M2	Rail, Intermediate and High Shifter.....	1
22	180 437 M1	Fork, Reverse, Low, Intermediate and High.....	2
23	195 363 M1	Ring, Snap.....	3
24	195 493 M1	Bearing Assembly, Ball (Torrington #477510).....	2
25	180 441 M1	Shaft, Transmission Main.....	1
26	180 416 M1	Gear, Main Shaft, Intermediate and High.....	1
27	180 422 M1	Gear, Main Shaft, Low Speed.....	1
28	195 502 M2	Bearing Assembly, Ball.....	2
29	195 222 M1	Ring, Snap.....	3
30	180 420 M1	Pinion, Main Drive Shaft (Utility) (18 Teeth).....	1
30	182 800 M1	Pinion, Main Drive Shaft (Hi-Clearance) (17 Teeth).....	1
31	195 512 M1	Ring, Snap, Adapter Housing.....	4
32	195 505 M1	Bearing, Ball, Transmission Main Drive Shaft.....	1
33	195 501 M1	Seal, Oil (1-1/4 x 1-9/16 x 3/8").....	1
34	180 462 M1	Ring, Snap.....	1
35	195 494 M1	Bearing Assembly, Ball (Torrington #73L10).....	2
36	180 427 M1	Pinion, P.T.O. Main Drive Shaft.....	1
38	195 503 M1	Seal, Oil (1-3/4 x 2-1/4 x 1/4").....	1
39	180 428 M1	Retainer, Main Drive Shaft.....	1
40	353 690 X1	Screw, Cap, Retainer to Case (3/8 x 7/8" NC).....	4
41	180 434 M1	Gasket, Main Drive Shaft Retainer.....	1
42	180 433 M1	Cap, Front P.T.O. Bearing Housing.....	1
43	181 237 M1	Gasket, P.T.O. Front Cap.....	1
44	195 512 M1	Ring, Snap, Adapter Housing.....	2
45	180 431 M1	Housing, Front P.T.O. Shaft Bearing.....	1
46	180 432 M1	Gasket, P.T.O. Front Bearing Housing.....	1
47	180 430 M1	Washer, Thrust, P.T.O. Shaft.....	1
48	195 497 M1	Ring, Snap.....	1
49	180 421 M1	Gear, Transmission and P.T.O. Main Drive.....	1
50	195 499 M1	Ring, Snap.....	1
51	181 799 M1	Gear, Countershaft (20 Int. and 50 Ext. Teeth) (Utility).....	1
51	182 801 M1	Gear, Countershaft (20 Int. and 51 Ext. Teeth) (Hi-Clearance).....	1
52	195 507 M1	Bearing Assembly, Ball.....	1
53	180 429 M1	Shaft, Front P.T.O. Main Drive.....	1
54	181 440 M91	Countershaft Assembly.....	1
55	195 453 M1	Bearing, Needle.....	1
56	195 500 M1	Ring, Snap.....	1
57	180 415 M1	Pinion, Countershaft High Speed.....	1
58	180 419 M1	Pinion, Countershaft Intermediate Speed.....	1
59	180 435 M1	Coupler, Planetary Shift.....	1
60	354 270 X1	Screw, Cap, Rear Cover Plate to Carrier (3/8 x 2-5/8" NC).....	4
61	353 434 X1	Washer (3/8" Lock).....	4
62	180 407 M1	Plate, Planetary Rear Cover.....	1
63	180 414 M1	Washer, Planetary Gear Thrust.....	2
64	180 484 M91	Carrier Assembly, Planetary Pinion.....	1
65	180 412 M1	Washer, Planetary Pinion Thrust.....	6
66	180 413 M1	Shaft, Planetary Pinion.....	3
67	180 411 M1	Washer, Planetary Pinion.....	9
68	180 410 M1	Roller, Planetary Pinion.....	132
69	180 406 M1	Pinion, Planetary.....	3
70	180 409 M1	Pin, Dowel.....	2
71	180 405 M1	Gear, Planetary Ring.....	1
72	180 408 M1	Plate, Planetary Front Cover.....	1
73	180 403 M1	Shim, Planetary.....	1
74	354 261 X1	Screw, Cap, Housing Cap to Transmission Case (3/8 x 1-3/8" NC).....	4
75	180 445 M1	Shaft, Reverse Cluster.....	1
76	22 166 X	Bearing, Needle (Torrington #B-1612).....	2
77	180 424 M1	Gear, Reverse Cluster.....	1
78	180 458 M1	Washer, Reverse Cluster.....	2
79	180 476 M1	Stop, Reverse Shaft.....	1
80	353 678 X1	Screw, Cap, Stop to Transmission Case (5/16 x 7/8" NC).....	1
81	353 446 X1	Washer (5/16" Lock).....	1
82	200 550 M1	Bearing, Pilot, Clutch (Federal #1203-FO).....	1

TRANSMISSION CASE, CLUTCH



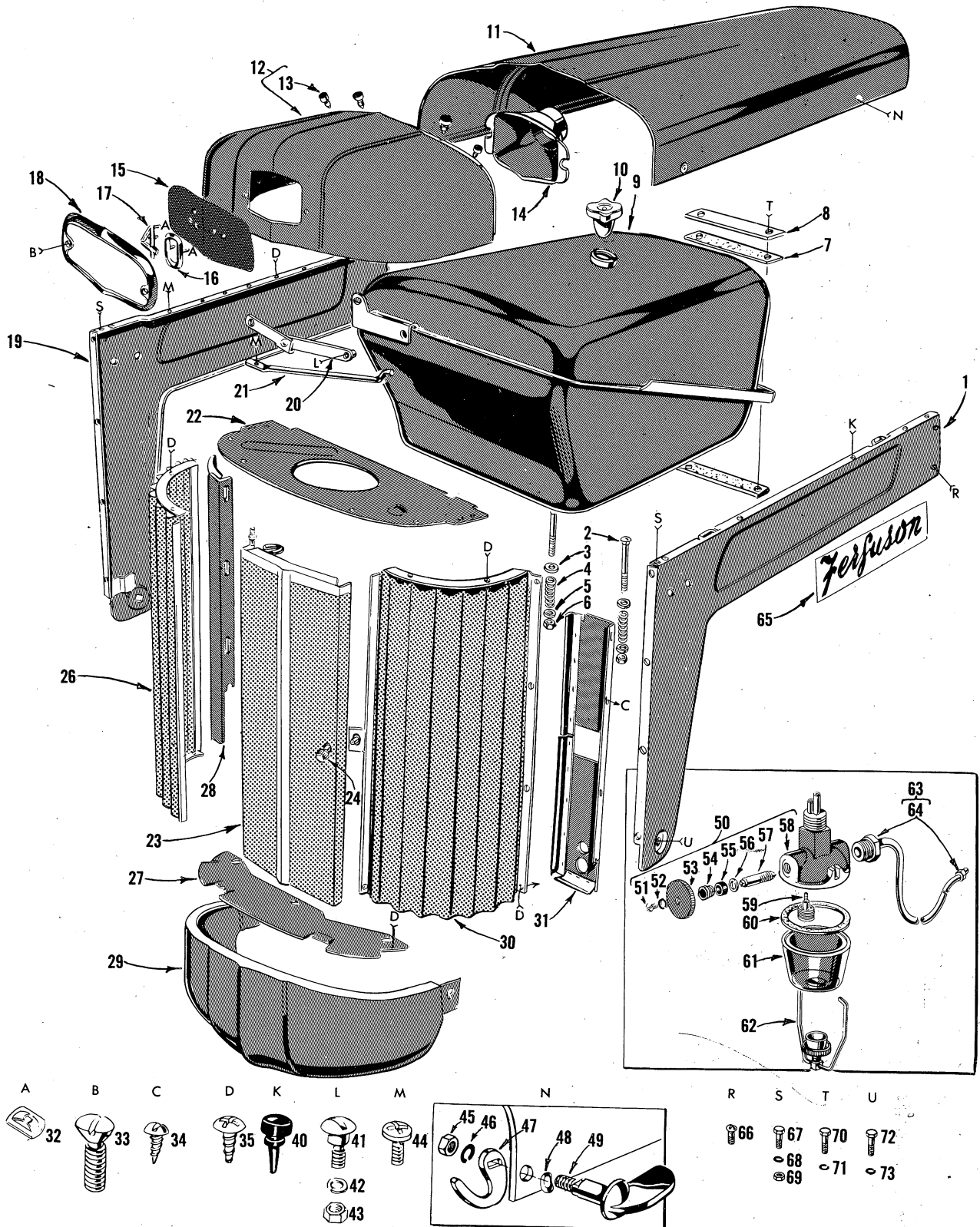
TRANSMISSION CASE, CLUTCH

33

<u>Ref.</u> <u>No.</u>	<u>Part No.</u>	<u>Description</u>	<u>No.</u> <u>Req.</u>
1	182 839 M91	Case Assembly, Transmission.....	1
	354 076 X1	Pin, Cotter, Drain Hole (3/16 x 7/8")(Not Illustrated).....	1
2	180 068 M1	Bushing, Transmission Case Clutch Shaft.....	2
3	180 801 M1	Bushing, Transmission Case Brake Shaft.....	2
4	353 401 X1	Screw, Cap, Cover to Case (5/8 x 1-1/4" NC, Hex. Hd.).....	4
5	180 482 M1	Cover, Transmission Bottom.....	1
6	180 481 M1	Gasket, Transmission Bottom Cover.....	1
7	180 474 M1	Gasket, Plug.....	1
8	195 466 M1	Plug, Magnetic Drain.....	1
9	180 450 M1	Screw, Cap, Cover to Flywheel.....	6
10	353 446 X1	Washer (5/16" Lock).....	6
	182 463 M92	Clutch Assembly, Dual.....	1
11	181 121 M1	Screw, Clutch Adjusting.....	3
12	353 917 X1	Nut (5/16" NF, Hex.).....	3
13	181 119 M1	Pin, Clutch Release Lever.....	3
14	195 479 M1	Pin, Roll.....	3
15	181 125 M1	Spring, Clutch Anchor Cup.....	3
16	181 116 M1	Lever, Clutch Release.....	3
17	181 107 M1	Cover, Clutch.....	1
18	182 842 M1	Spring, Clutch.....	2
19	181 103 M1	Plate, Clutch Pressure, Outer.....	1
20	181 102 M91	Disc Assembly, Clutch (9" Driven).....	1
	841 239 M91	Facing Kit, Clutch.....	1
	181 126 M1	Rivet, Clutch Facing.....	8
21	181 106 M1	Plate, Clutch Pressure, Inner.....	1
22	181 123 M1	Rod, Clutch End.....	3
23	181 118 M1	Pin, Clutch Rod End.....	3
24	181 104 M1	Plate, Clutch Pressure, Inner.....	1
25	181 124 M1	Screw, Clutch Cap.....	3
26	353 917 X1	Nut (5/16" NF, Hex.).....	3
27	182 841 M91	Disc Assembly, Clutch (11" Drive).....	1
	830 706 M91	Facing Kit, Clutch.....	1
	181 127 M1	Rivet, Clutch Facing.....	24
28	180 448 M1	Carrier, Clutch Release Bearing.....	1
29	195 508 M1	Bearing, Clutch Release (Torrington #A-1657).....	1
30	180 451 M1	Spring, Clutch Release.....	2
31	181 459 M1	Fork, Clutch Release Shaft.....	1
32	180 002 M1	Screw, Fork Locking.....	2

HOOD, FUEL SYSTEM

F 264



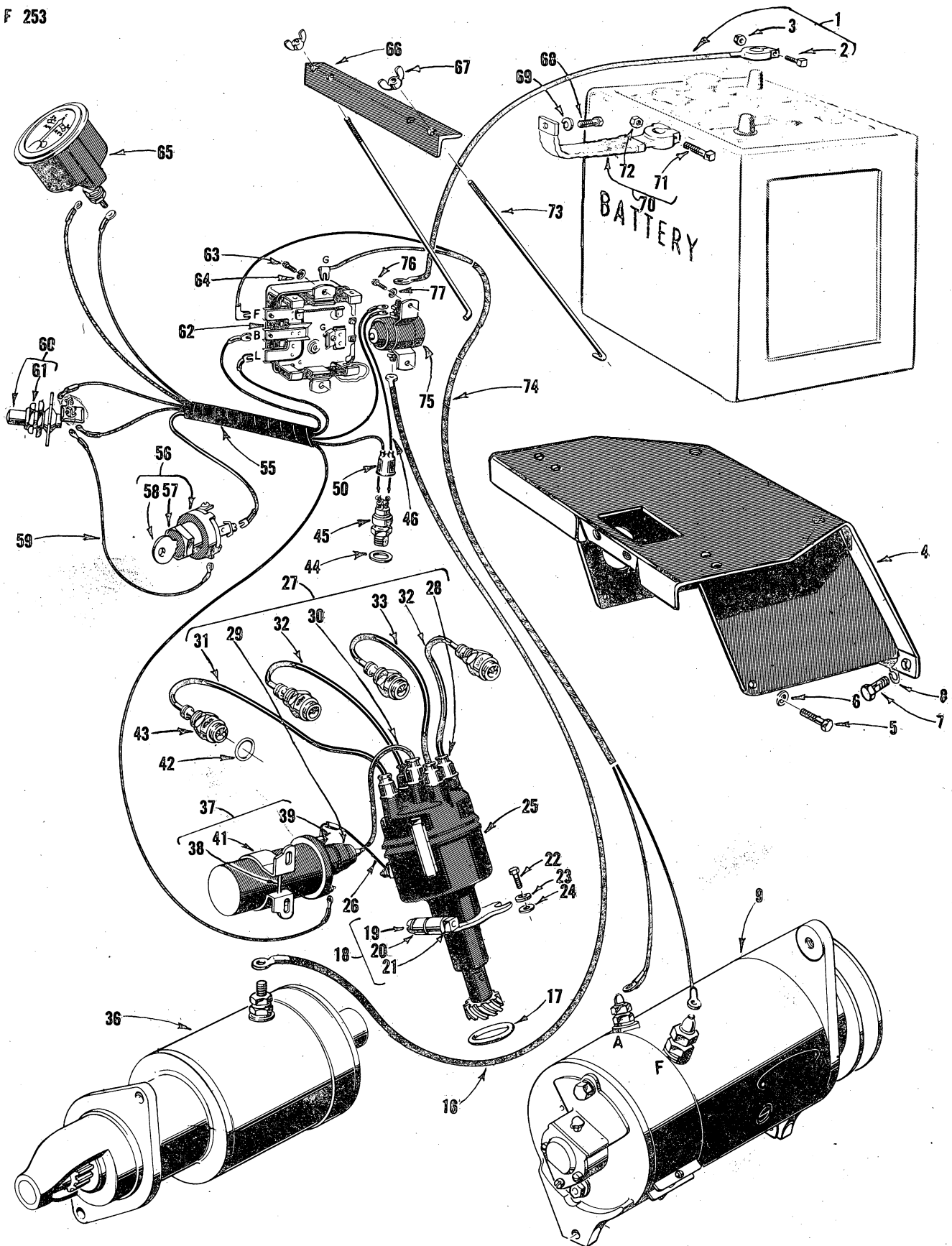
HOOD AND FUEL SYSTEM

35

Ref. No.	Part No.	Description	No. Req.
1	182 872 M91	Panel Assembly, Side, Left Hand.....	1
2	353 804 X1	Bolt, Fuel Tank to Support (5/16 x 2-3/4" NF, Carr.).....	2
3	180 086 M1	Pad, Fuel Tank, Front.....	2
4	180 083 M1	Spring.....	2
5	353 755 X1	Washer (5/16" Small Flat).....	2
6	195 454 M1	Nut, Self-Locking.....	2
7	180 063 M1	Pad, Fuel Tank.....	2
8	180 082 M1	Strap, Fuel Tank.....	1
9	182 287 M91	Tank Assembly, Fuel.....	1
10	180 144 M91	Cap, Fuel Tank.....	1
11	182 879 M91	Hood Assembly.....	1
	182 874 M1	Hinge, Half (Not Illustrated).....	1
	182 876 M1	Pin, Hood Hinge (Not Illustrated).....	1
12	182 877 M91	Cap Assembly, Hood.....	1
13	180 673 M1	Bumper Hood.....	2
14	182 861 M1	Adapter, Air Intake Tube.....	1
15	182 911 M1	Screen, Air Intake.....	1
16	182 904 M1	Numerical, "Zero".....	1
17	182 905 M1	Numerical, "Four".....	1
18	182 918 M1	Retainer, Screen.....	1
19	182 869 M1	Panel Assembly, Side, Right Hand.....	1
20	182 369 M91	Lever Assembly, Hood Stop.....	1
21	182 383 M1	Rod, Side Panel Brace.....	1
22	182 864 M1	Plate Assembly, Upper Grill.....	1
23	182 922 M91	Grill Assembly, Center Section.....	1
24	180 630 M1	Nut, Grill Attaching.....	1
26	182 919 M91	Screen Assembly, Grill, Right Hand.....	1
27	182 865 M1	Plate, Lower Grill.....	1
28	182 857 M91	Seal Assembly, Radiator, Right Hand.....	1
29	182 855 M1	Panel, Grill, Lower.....	1
30	182 920 M91	Screen Assembly, Grill, Left Hand.....	1
31	182 856 M91	Seal Assembly, Radiator, Left Hand.....	1
32	196 102 M1	Nut, Speed.....	4
33	196 128 M1	Screw (#10 - 24 Oval Head).....	2
34	195 448 M1	Screw (#10 - 24 Self Tapping).....	8
35	196 011 M1	Screw - #10 Self Tapping.....	x
40	180 673 M1	Bumper, Side Panel to Hood.....	3
41	196 013 M1	Bolt, Shoulder, Lever to Hood and Fuel Tank.....	2
42	353 441 X1	Washer (1/4" Lock).....	2
43	353 918 X1	Nut (1/4" NF, Hex.).....	2
44	196 047 M1	Screw, Brace to Side Panel.....	1
45	353 918 X1	Nut (1/4" NF, Hex.).....	2
46	353 441 X1	Washer (1/4" Lock).....	2
47	182 367 M1	Hook, Hood Latch.....	2
48	196 010 M1	Washer, Spring.....	2
49	182 368 M1	Handle, Hood Latch.....	2
50	180 141 M91	Filter Assembly, Fuel.....	1
51	180 076 M1	Screw, Wheel to Stem.....	1
52	195 441 M1	Washer, Lock.....	1
53	180 061 M1	Wheel, Fuel Valve.....	1
54	180 059 M1	Nut, Fuel Packing.....	1
55	180 053 M1	Packing, Valve Stem.....	1
56	180 073 M1	Washer, Valve Stem.....	1
57	180 074 M1	Stem.....	1
58	180 098 M1	Body Assembly.....	1
59	180 077 M1	Strainer.....	1
60	180 060 M1	Gasket, Bowl.....	1
61	180 078 M1	Bowl, Filter.....	1
62	1 001 515 M91	Bail Assembly.....	1
63	182 573 M91	Tube Assembly, Fuel Line.....	1
64	195 444 M1	Nut, Fuel Line Tube.....	2
65	196 129 M1	Decal.....	2
66	353 969 X1	Screw (1/4 x 3/8" NC).....	4
67	353 501 X1	Bolt (1/4 x 1/2" NF, Hex. Hd.).....	4
68	353 441 X1	Washer (1/4" Lock).....	4
69	353 918 X1	Nut (1/4" NF, Hex.).....	4
70	353 678 X1	Screw (5/16 x 7/8" NC, Cap).....	2
71	353 446 X1	Washer (5/16" Lock).....	2
72	353 698 X1	Screw (7/16 x 1" NC, Cap).....	2
73	353 432 X1	Washer (7/16" Lock).....	2

Note: x - in Right Hand Column - As Required.

F 253



ELECTRICAL WIRING

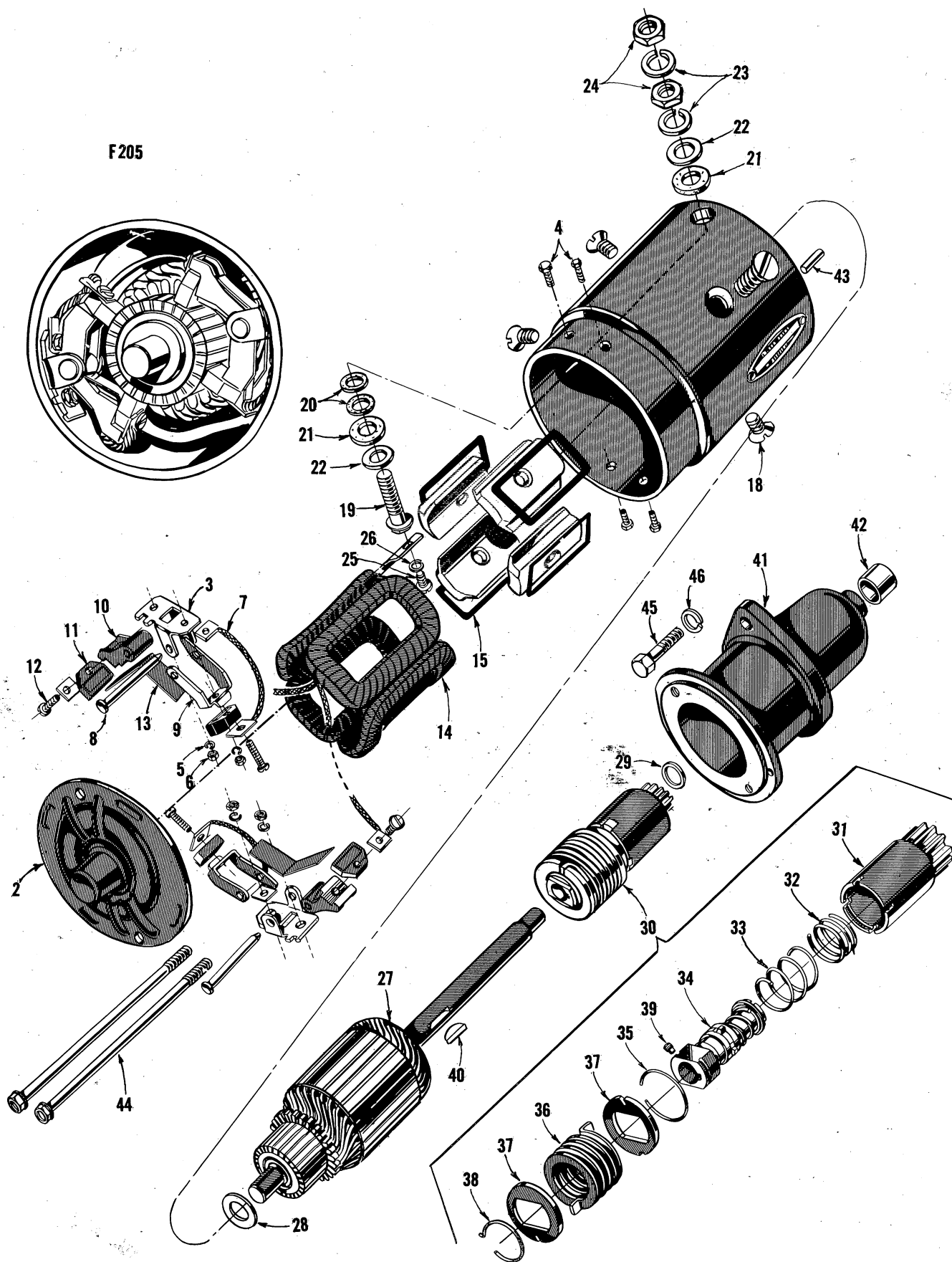
37

Ref. No.	Part No.	Description	No. Req.
1	182 321 M91	Cable Assembly, Battery to Starter Switch.....	1
2	180 169 M1	Bolt, Sq. Hd.....	1
3	180 296 M1	Nut, Hex.....	1
4	182 323 M91	Platform Assembly, Battery.....	1
5	353 696 X1	Screw, Platform to Steering Gear Housing (7/16 x 3/4" NC, Cap)(L.H. Side)	1
5	353 704 X1	Screw, Platform to Steering Gear Housing (7/16 x 1-3/4" NC, Cap)(R.H. Side)	1
6	353 432 X1	Washer (7/16" Lock).....	2
7	353 500 X1	Bolt (1/4 x 3/8" NF, Hex. Hd.).....	2
8	353 441 X1	Washer (1/4" Lock).....	2
9	181 455 M91	Generator Assembly (See page 25).....	1
16	182 620 M91	Cable Assembly, Starter Switch to Starter.....	1
17	181 550 M1	Seal, Distributor Housing.....	1
18	182 912 M91	Clamp Assembly, Distributor.....	1
19	1 751 916 M1	Bolt, Distributor Clamp.....	1
20	353 441 X1	Washer (1/4" Lock).....	1
21	1 751 913 M1	Nut (Special).....	1
22	353 666 X1	Screw, Clamp to Crankcase (1/4 x 5/8" NC, Cap).....	1
23	353 441 X1	Washer (1/4" Lock).....	1
24	353 754 X1	Washer (1/4" Small Flat).....	1
25	182 852 M91	Distributor Assembly (See page 23).....	1
26	181 562 M1	Wire Assembly, Coil.....	1
27	830 681 M91	Ignition Wire Kit.....	1
28	181 551 M1	Nipple, Distributor Cap.....	5
29	181 543 M1	Nipple, Ignition Coil.....	1
30	181 558 M91	Wire Assembly, Distributor Coil.....	1
31	181 560 M91	Wire Assembly, #4 Spark Plug.....	1
32	181 552 M91	Wire Assembly, #1 and #3 Spark Plug.....	2
33	181 556 M91	Wire Assembly, #2 Spark Plug.....	1
36	182 454 M91	Starter Assembly (See page 27).....	1
37	182 549 M91	Coil Assembly, Ignition.....	1
38	1 750 481 M1	Screw, Bracket Attachment.....	1
39	1 750 368 M1	Nut, Terminal.....	1
40	1 750 501 M1	Clip, Terminal.....	1
41	1 750 500 M1	Bracket, Coil.....	1
42	180 474 M1	Gasket, Spark Plug.....	4
43	1 503 288 M91	Spark Plug (18 MM, Standard).....	x
43	181 564 M91	Spark Plug (18 MM, Cold).....	x
43	181 563 M91	Spark Plug (18 MM, Hot).....	x
44	181 142 M1	Washer, Safety Switch.....	1
45	181 140 M91	Switch Assembly, Starter Safety.....	1
	1 752 610 M1	Clip.....	2
46	182 625 M91	Wire Assembly, Safety Switch to Starter Switch.....	1
50	180 776 M1	Boot, Starter Safety Switch.....	1
55	182 322 M91	Harness Assembly, Wire.....	1
56	180 681 M91	Switch Assembly, Ignition and Lights.....	1
	180 231 M1	Washer (Lock, Skpf.)(Not Illustrated).....	3
	353 975 X1	Screw (5/32 x 1/4" NC, Rd. Hd.)(Not Illustrated).....	3
57	180 293 M1	Nut, Lock.....	1
58	180 292 M1	Key, Ignition and Light Switch.....	2
59	182 658 M91	Wire Assembly, Ignition Switch to Dash Button.....	1
60	181 141 M91	Switch Assembly, Starter Push Button.....	1
	180 231 M1	Washer (Lock, Skpf.)(Not Illustrated).....	2
	353 975 X1	Screw (5/32 x 1/4" NC, Rd. Hd.)(Not Illustrated).....	2
61	180 293 M1	Nut, Hex.....	1
62	182 548 M91	Regulator, Voltage.....	1
63	353 987 X1	Screw, Regulator to Platform (1/4 x 3/8" NC, Rd. Hd.).....	2
64	353 441 X1	Washer (1/4" Lock).....	2
65	180 107 M91	Ammeter.....	1
66	182 532 M1	Clamp, Battery.....	1
67	195 308 M1	Nut, Wing.....	2
68	353 515 X1	Bolt, Battery Strap to Panel (5/16 x 1/2" NF).....	1
69	353 446 X1	Washer (5/16" Lock).....	1
70	182 671 M91	Strap Assembly, Battery to Ground.....	1
71	182 736 M1	Bolt, Sq. Hd.,.....	1
72	180 296 M1	Nut, Hex.....	1
73	180 695 M1	Bolt, Battery Clamp.....	2
74	182 624 M91	Harness Assembly, Generator Wire.....	1
75	182 696 M91	Switch Assembly, Magnetic.....	1
76	353 987 X1	Screw, Switch to Platform (1/4 x 3/8" NC, Rd. Hd.).....	2
77	353 441 X1	Washer (1/4" Lock).....	2

Note: x - in Right Hand Column - As Required.

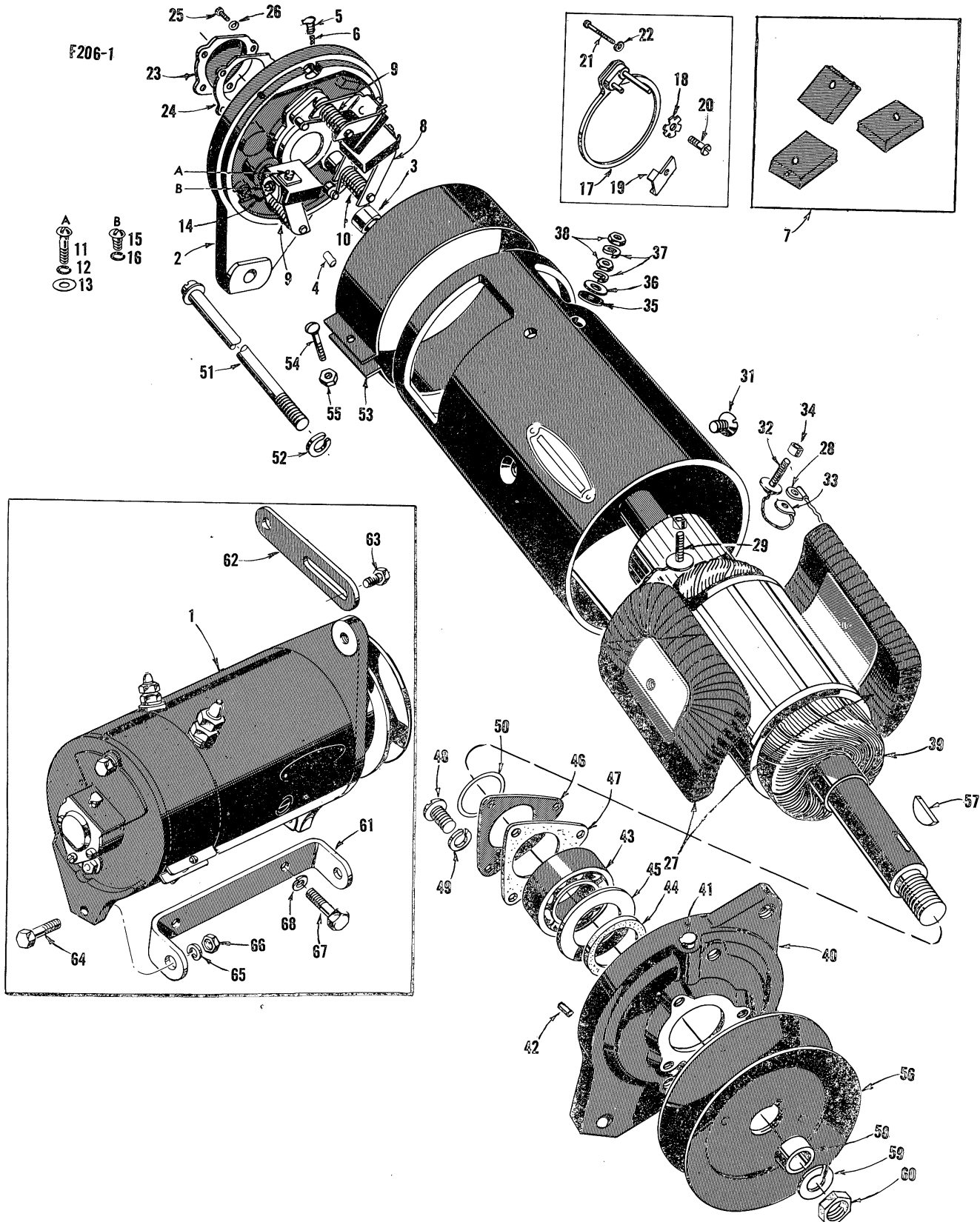
STARTER

F 205



Ref. No.	Part No.	Description	No. Req.
	182 454 M91	Starter Assembly.....	1
2	1 751 890 M91	Head Assembly, Commutator End.....	1
3	1 751 897 M91	Support Assembly, Brush Holder.....	2
4	1 751 900 M1	Screw, Support Attaching.....	2
5	1 750 367 M1	Washer (#10 Lock).....	2
6	1 751 901 M1	Nut.....	2
7	1 751 898 M1	Lead, Brush Ground.....	1
8	1 751 899 M1	Pin, Brush Holder Pivot.....	1
9	1 751 894 M1	Holder, Grounded Brush.....	2
10	1 751 895 M1	Holder, Insulated Brush.....	2
11	1 751 892 M1	Brush.....	4
12	1 751 896 M1	Screw, Brush Attaching.....	4
13	1 751 893 M1	Spring, Brush.....	2
14	1 751 883 M91	Coil Assembly, Field.....	1
15	1 751 884 M1	Insulation, Field Coil.....	4
18	1 750 435 M1	Screw, Pole Shoe.....	4
19	1 751 885 M1	Stud, Terminal.....	1
20	1 751 886 M1	Bushing, Terminal Stud.....	2
21	1 751 887 M1	Washer, Terminal Stud, Insulating.....	2
22	1 751 888 M1	Washer, Terminal Stud (3/8" Flat).....	2
23	353 434 X1	Washer, Terminal Stud (3/8" Lock).....	2
24	1 751 889 M1	Nut, Terminal Stud (3/8" NC, Hex.).....	2
25	1 751 904 M1	Screw, Field Lead to Terminal Stud.....	1
26	1 750 380 M1	Washer, Lock.....	1
27	1 751 880 M91	Armature Assembly.....	1
28	1 751 891 M1	Washer, Thrust, Commutator End.....	1
29	1 750 440 M1	Washer, Thrust, Drive End.....	1
30	1 750 454 M91	Drive Assembly, Bendix.....	1
31	1 750 447 M91	Pinion Assembly.....	1
32	1 750 439 M1	Spring, Meshing.....	1
33	1 750 446 M1	Spring, Anti-Drift.....	1
34	1 750 458 M91	Shaft Assembly, Drive.....	1
35	1 750 445 M1	Ring, Snap, Pinion to Drive Shaft.....	1
36	1 750 459 M1	Spring, Drive.....	1
37	1 750 518 M1	Plate, Drive Spring.....	2
38	1 750 456 M1	Ring, Snap, Drive Spring Retaining.....	1
39	1 750 457 M1	Pin, Drive Locating.....	1
40	1 750 377 M1	Key (#6 Woodruff, 3/32 x 5/8" Alloy Steel).....	1
41	1 751 902 M91	Housing, Drive.....	1
42	1 750 409 M1	Bushing.....	1
43	1 750 396 M1	Pin, Dowel, Housing.....	1
44	1 751 903 M1	Bolt, Thrust.....	2
45	353 698 X1	Bolt, Starter Attaching (7/16 x 1" NC, Hex.).....	2
46	353 432 X1	Washer (7/16" Lock).....	2

GENERATOR

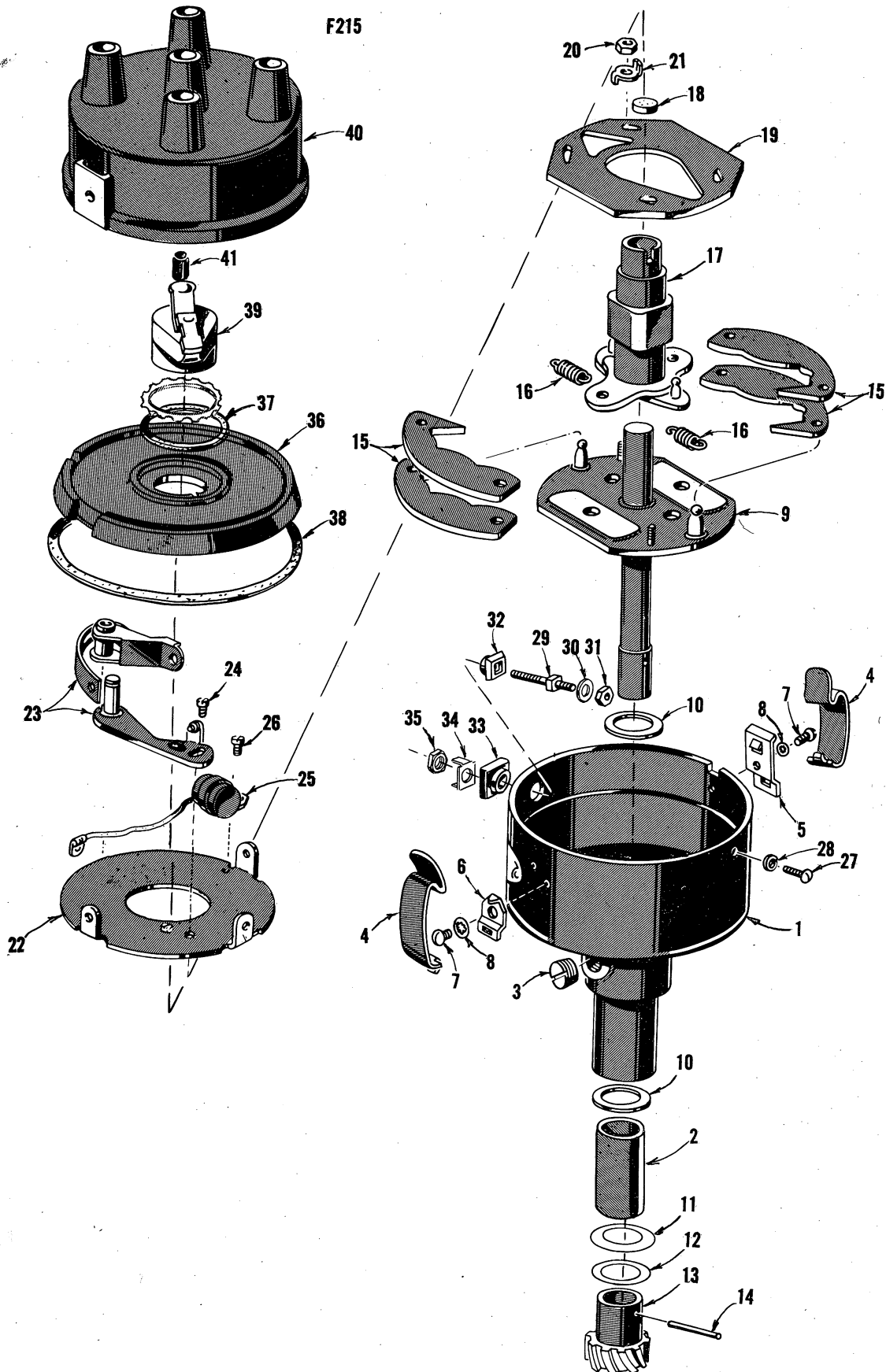


GENERATOR

41

Ref. No.	Part No.	Description	No. Req.
1	182 455 M91	Generator Assembly.....	1
2	1 750 422 M91	Head Assembly, Commutator End.....	1
3	1 750 415 M1	Bushing.....	1
4	1 750 394 M1	Pin, Dowel.....	1
5	1 750 460 M1	Oiler.....	1
6	1 750 392 M1	Wick, Oil.....	1
7	1 750 463 M91	Brush Kit.....	1
8	1 750 398 M1	Holder, Brush.....	3
9	1 750 399 M1	Spring, Brush (3rd and Ground).....	2
10	1 750 400 M1	Spring, Brush (Main).....	1
11	1 750 041 M1	Screw, Brush Attaching.....	3
12	1 750 379 M1	Washer, Lock.....	3
13	1 750 395 M1	Washer, Flat.....	3
14	1 750 401 M1	Lead, Brush Ground.....	1
15	1 750 387 M1	Screw, Lead Attaching.....	2
16	1 750 496 M1	Washer, Lock.....	2
17	1 750 402 M1	Plate and Pin, 3rd Brush.....	1
18	1 750 403 M1	Spring, 3rd Brush Plate Tension.....	1
19	1 750 397 M1	Pin, Tension Spring.....	1
20	1 750 428 M1	Clamp, 3rd Brush Plate.....	1
21	1 750 388 M1	Screw, Clamp.....	1
22	2 759 X	Washer, Lock.....	1
23	1 750 431 M1	Plate, Head Cover Commutator End.....	1
24	1 750 423 M1	Gasket, Cover Plate.....	1
25	1 750 484 M1	Screw, Cover Plate.....	3
26	22 425 X	Washer, Lock.....	3
27	1 751 879 M91	Coil Assembly, Field.....	1
28	1 751 478 M1	Clip, Terminal.....	1
29	1 750 869 M1	Stud, Terminal.....	1
31	1 750 435 M1	Screw, Pole Shoe.....	2
32	1 750 444 M91	Stud and Lead Assembly, Armature Terminal.....	1
33	1 751 478 M1	Clip, Terminal.....	1
34	1 750 480 M1	Bushing, Terminal Stud.....	2
35	1 750 443 M1	Washer, Insulating, Terminal Stud.....	2
36	1 750 465 M1	Washer, Flat, Terminal Stud.....	2
37	1 750 497 M1	Washer, Lock, Terminal Stud.....	4
38	1 750 371 M1	Nut, Hex.....	4
39	1 751 878 M91	Armature Assembly.....	1
40	1 750 441 M91	Head Assembly, Drive End.....	1
41	1 750 460 M1	Oiler.....	1
42	1 750 396 M1	Pin, Dowel.....	1
43	829 944 M1	Bearing, Armature.....	1
44	1 750 405 M1	Washer, Felt.....	1
45	1 750 429 M1	Washer, Felt Retaining.....	1
46	1 750 504 M1	Plate, Bearing Retaining.....	1
47	1 750 505 M1	Gasket, Bearing Retaining Plate.....	1
48	1 750 494 M1	Screw, Bearing Retaining Plate.....	3
49	1 750 461 M1	Washer, Lock.....	3
50	1 750 404 M1	Washer, Armature Shaft Spacer.....	1
51	1 750 417 M1	Bolt, Generator Thru.....	2
52	1 750 370 M1	Washer, Lock.....	2
53	1 750 452 M91	Band Assembly, Commutator Cover.....	1
54	1 750 384 M1	Screw, Cover Band.....	1
55	1 750 368 M1	Nut, Hex.....	1
56	1 750 882 M1	Pulley, Drive.....	1
57	355 465 X1	Key, Woodruff.....	1
58	1 750 424 M1	Spacer, Pulley.....	1
59	1 750 391 M1	Washer, Lock.....	1
60	1 750 393 M1	Nut, Hex.....	1
61	181 538 M1	Bracket, Generator.....	1
62	181 539 M1	Strap, Generator Adjusting.....	1
63	181 540 M1	Bolt (5/16 x 5/8" NC, Hex.).....	1
64	353 520 X1	Bolt (5/16 x 1-1/8" NF, Hex.).....	2
65	353 446 X1	Washer (5/16" Lock).....	2
66	353 916 X1	Nut (5/16" NF, Hex.).....	2
67	353 698 X1	Bolt (7/16 x 1" NC, Hex.).....	2
68	353 432 X1	Washer (7/16" Lock).....	2

DISTRIBUTOR



DISTRIBUTOR

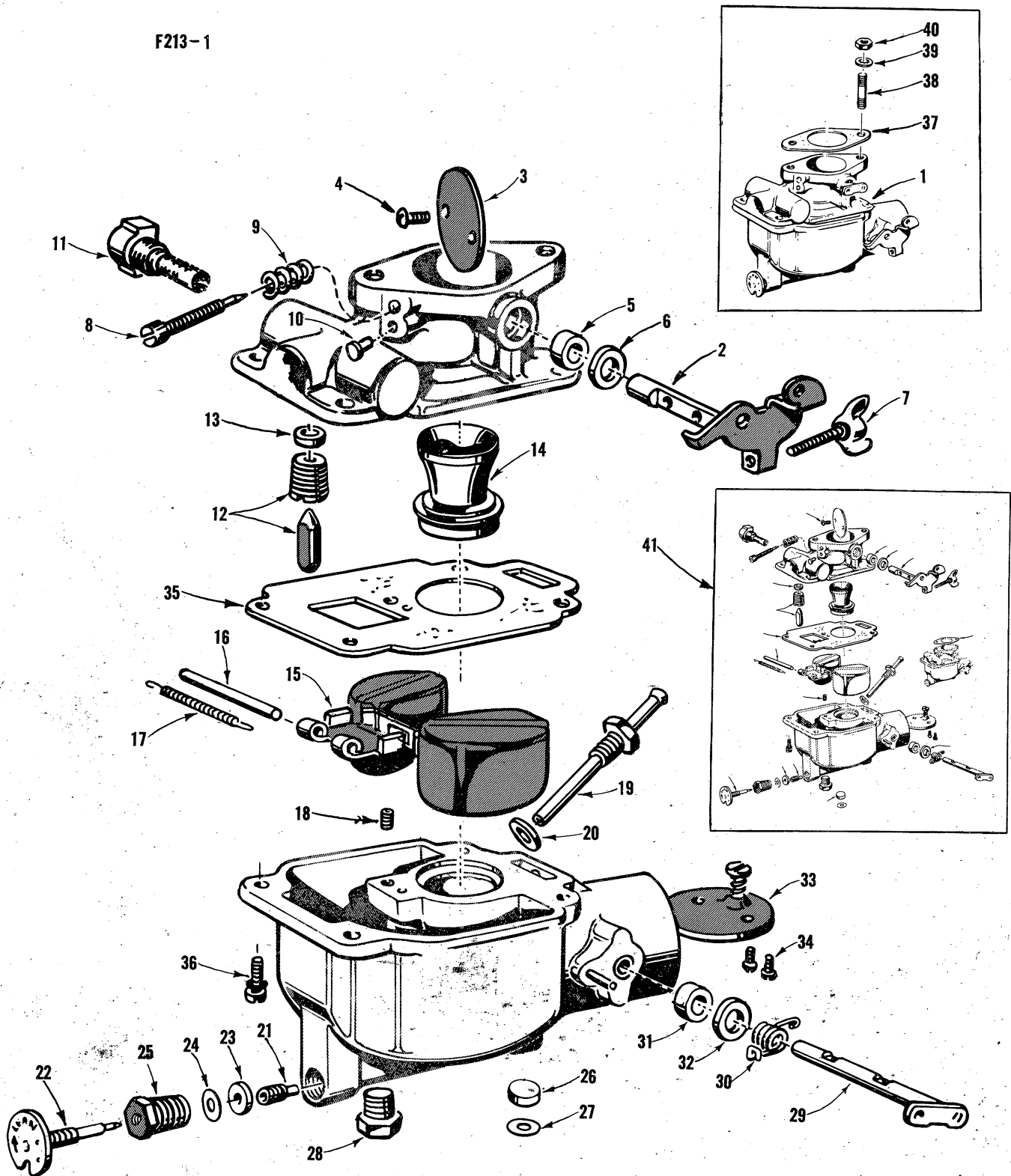
43.

<u>Ref.</u> <u>No.</u>	<u>Part No.</u>	<u>Description</u>	<u>No.</u> <u>Req.</u>
	182 852 M91	Distributor Assembly.....	1
1	1 750 874 M91	Housing Assembly, Distributor.....	1
2	1 750 499 M1	Bushing.....	1
3	1 750 378 M1	Plug.....	1
4	1 750 489 M1	Spring, Cap Locking.....	1
5	1 750 490 M1	Support, Spring and Cap Locating.....	1
6	1 750 436 M1	Support, Spring.....	1
7	15 359 A	Screw (#8 - 32 x 3/8" Sltd. Rd. Hd.).....	2
8	22 425 X	Washer (#8 Lock).....	2
9	1 752 304 M91	Shaft and Weight Plate Assembly.....	1
10	1 750 412 M1	Washer, Thrust.....	2
11	1 750 406 M1	Shim (.005").....	x
12	1 750 407 M1	Shim (.010").....	x
13	1 750 511 M1	Gear, Drive.....	1
14	1 750 492 M1	Pin, Drive Gear.....	1
15	1 750 464 M1	Weight, Distributor Advance.....	4
16	1 752 306 M1	Spring, Weight.....	2
17	1 752 305 M1	Cam, Breaker.....	1
18	1 750 430 M1	Wick, Cam Oiler.....	1
19	1 750 482 M1	Plate, Weight and Cam Retainer.....	1
20	1 750 368 M1	Nut, Retaining Plate Lock.....	2
21	1 750 483 M1	Washer, Special Lock.....	2
22	1 750 437 M1	Plate, Breaker.....	1
23	1 750 877 M91	Point Set, Breaker.....	1
24	1 750 419 M1	Screw, Breaker Point Lock.....	1
25	1 750 451 M1	Condenser.....	1
26	29 939 X	Screw, Condenser Attaching.....	1
27	22 432 X	Screw, Breaker Plate Attaching.....	1
28	22 425 X	Washer, Lock.....	1
29	1 750 520 M1	Stud, Terminal.....	1
30	1 750 495 M1	Washer, Terminal Stud.....	1
31	1 004 739 M1	Nut, Terminal Stud, Inside.....	1
32	1 750 519 M1	Bushing, Terminal Stud, Inside.....	1
33	1 750 513 M1	Bushing, Terminal Stud, Outside.....	1
34	1 750 514 M1	Clip, Terminal Stud.....	1
35	22 303 X	Nut, Terminal Stud, Outside.....	1
36	1 750 491 M91	Cover Assembly, Housing.....	1
37	1 750 515 M1	Seal, Dust (Felt).....	1
38	1 750 488 M1	Gasket, Cover.....	1
39	1 750 875 M1	Rotor.....	1
40	1 750 411 M91	Cap Assembly, Distributor.....	1
41	1 750 432 M1	Brush, Center Contact (Carbon).....	1

Note: x - in Right Hand Column - As Required.

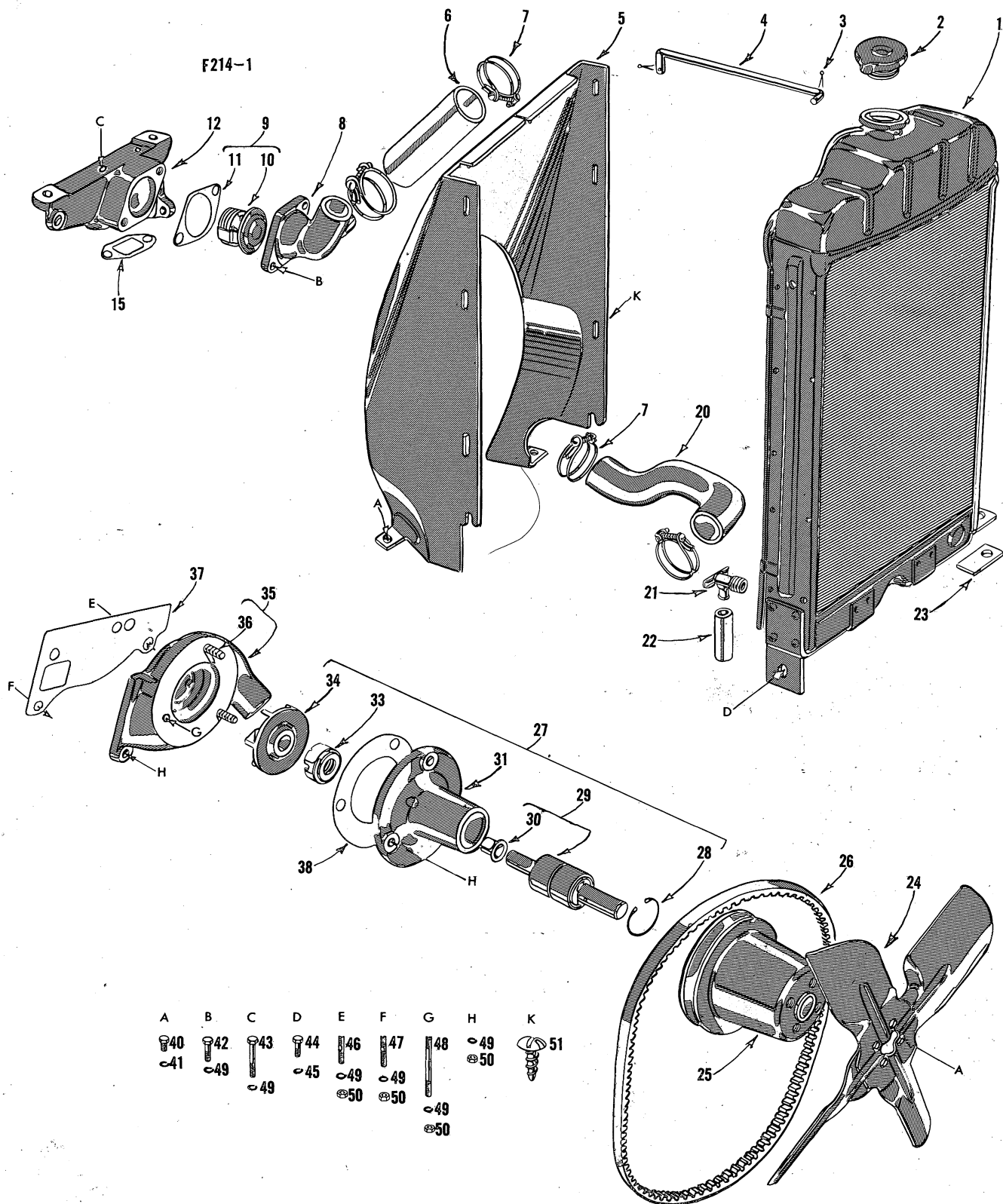
CARBURETER

F213-1



<u>Ref.</u> <u>No.</u>	<u>Part No.</u>	<u>Description</u>	<u>No.</u> <u>Req.</u>
1	182 748 M91	Carbureter.....	1
2	1 751 181 M91	Shaft and Lever Assembly, Throttle.....	1
3	1 751 182 M1	Disc, Throttle.....	1
4	1 751 328 M1	Screw, Throttle Disc.....	2
5	1 751 190 M1	Seal, Dust, Throttle Shaft.....	1
6	1 751 185 M1	Retainer, Dust Seal.....	1
7	1 751 189 M1	Screw, Throttle Stop.....	1
8	1 751 168 M1	Needle, Idle Adjusting.....	1
9	1 751 180 M1	Spring, Idle Adjusting Needle.....	1
10	1 751 173 M1	Plug, Idle Passage.....	1
11	1 751 172 M91	Elbow and Strainer Assembly, Fuel.....	1
12	1 751 177 M91	Valve and Seat Assembly, Fuel.....	1
13	1 751 188 M1	Gasket, Fuel Valve Seat.....	1
14	1 751 183 M1	Venturi.....	1
15	1 751 171 M91	Float Assembly, Fuel.....	1
16	1 751 174 M1	Pin, Float Pivot.....	1
17	1 751 194 M1	Spring, Float.....	1
18	1 751 184 M1	Jet, Idling.....	1
19	1 752 417 M91	Nozzle Assembly, Fuel.....	1
20	1 751 188 M1	Gasket, Nozzle.....	1
21	1 751 410 M1	Jet, Main Fuel.....	1
22	1 751 178 M91	Needle Assembly, High Speed Adjusting.....	1
23	1 751 175 M1	Packing, Adjusting Needle.....	1
24	1 751 176 M1	Retainer, Packing.....	1
25	1 751 192 M1	Nut, Packing.....	1
26	1 751 196 M1	Seal, Leak-off Dust.....	1
27	1 751 185 M1	Washer, Dust Seal Retaining.....	1
28	1 751 179 M1	Plug, Fuel Drain.....	1
29	1 751 169 M91	Shaft and Lever Assembly, Choke.....	1
30	1 751 167 M1	Spring, Choke Return.....	1
31	1 751 190 M1	Seal, Dust, Choke Shaft.....	1
32	1 751 185 M1	Retainer, Dust Seal.....	1
33	1 751 170 M91	Disc Assembly, Choke.....	1
34	1 751 186 M1	Screw, Disc Attaching.....	2
35	1 751 165 M1	Gasket, Throttle Body to Bowl.....	1
36	1 751 187 M91	Screw and Washer Assembly.....	4
37	181 531 M1	Gasket, Carbureter to Manifold.....	1
38	195 550 M1	Stud (5/16" NC x 1-3/16").....	2
39	195 549 M1	Washer (5/16" Int. Skpf.).....	2
40	195 548 M1	Nut (5/16" NC, Hex.).....	2
41	830 717 M91	Repair Kit.....	1
	830 501 M91	Gasket Kit (Includes items #13, 35 and 37).....	1

RADIATOR, FAN, WATER PUMP



RADIATOR, FAN, WATER PUMP

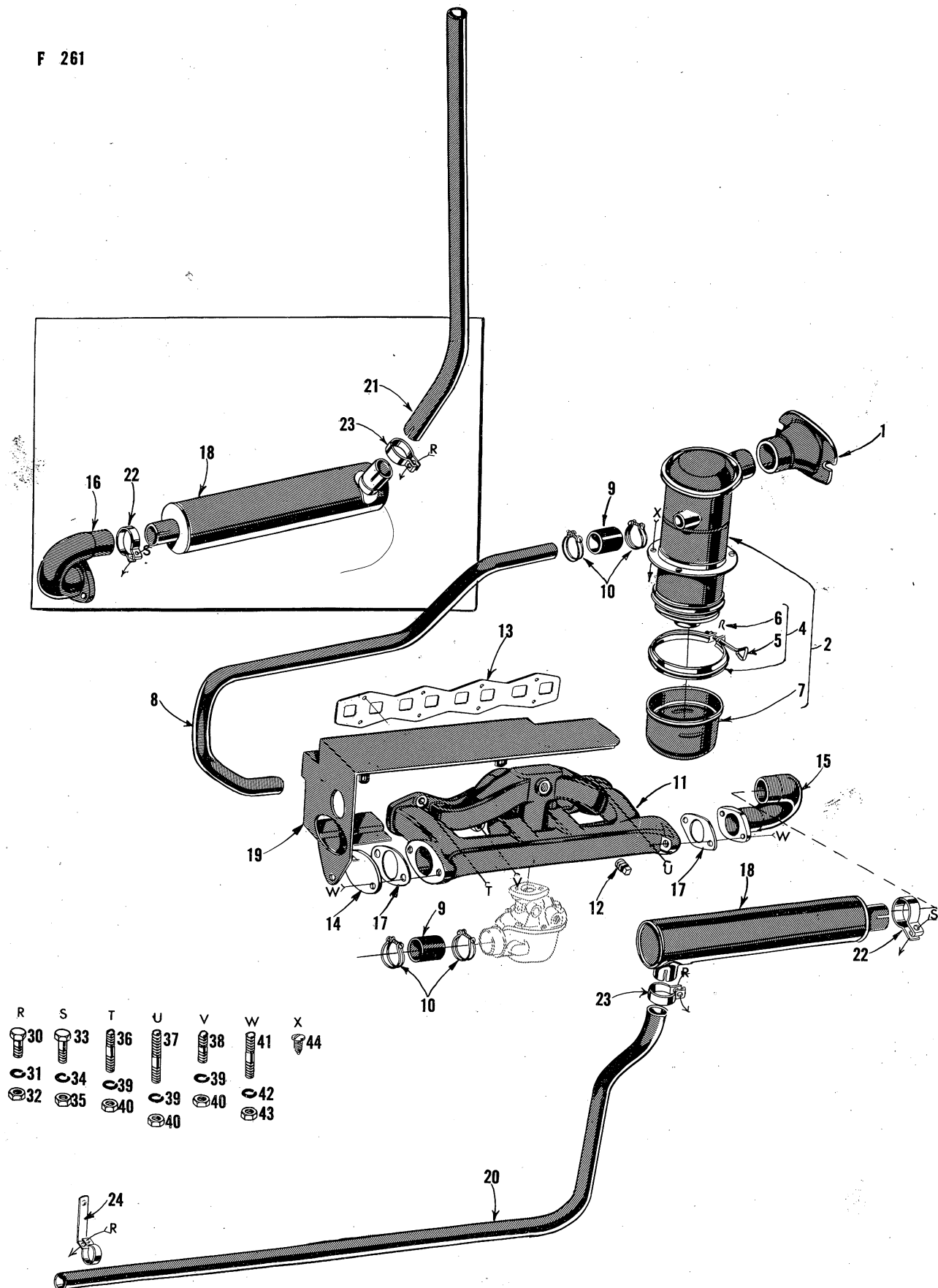
47

Ref. No.	Part No.	Description	No. Req.
1	182 319 M91	Radiator.....	1
2	180 224 M91	Cap Assembly, Radiator.....	1
3	354 046 X1	Cotter Pin.....	2
4	182 346 M1	Rod, Radiator Tie.....	1
5	182 479 M91	Shroud, Radiator.....	1
6	182 345 M1	Hose, Radiator Top.....	1
7	195 694 M1	Clamp, Hose.....	4
8	182 314 M1	Elbow, Water Outlet.....	1
9	830 685 M91	Thermostat Kit.....	1
10	181 566 M1	Thermostat (Order 830 685 M91).....	1
11	181 526 M1	Gasket, Water Elbow.....	1
12	181 521 M1	Body, Thermostat.....	1
15	181 528 M1	Gasket, Thermostat Body.....	1
20	182 347 M1	Hose, Lower.....	1
21	182 698 M1	Cock, Drain.....	1
22	182 743 M1	Hose, Radiator Drain Cock.....	1
23	182 318 M1	Pad, Radiator Support.....	2
24	181 522 M91	Fan Assembly.....	1
25	1 751 852 M1	Pulley Assembly.....	1
26	181 523 M1	Belt, Fan.....	1
27	830 514 M91	Works Assembly, Water Pump.....	1
28	1 750 146 M1	Ring, Snap.....	1
29	1 750 083 M91	Shaft and Slinger Assembly.....	1
30	1 750 579 M1	Slinger.....	1
31	1 750 080 M1	Support, Water Pump Drive.....	1
33	1 750 084 M91	Seal Assembly.....	1
34	1 750 078 M1	Impeller.....	1
35	1 750 213 M91	Body Assembly, Water Pump.....	1
36	21 207 A	Stud, Body to Drive Support.....	2
37	1 750 077 M1	Gasket, Body to Cylinder Block.....	1
38	1 750 079 M1	Gasket, Water Pump Drive Support.....	1
40	353 676 X1	Screw (5/16 x 5/8" NC, Cap).....	x
41	353 446 X1	Washer (5/16" Lock).....	x
42	353 691 X1	Screw (3/8 x 1" NC, Cap).....	x
43	354 438 X1	Screw (3/8 x 3-3/8" NC, Cap).....	x
44	353 698 X1	Screw (7/16 x 1" NC, Cap).....	x
45	353 432 X1	Washer (7/16" Lock).....	x
46	15 245 A	Stud (3/8 x 1-3/8" NC).....	x
47	1 003 886 M1	Stud (3/8 x 1-5/8" NC).....	x
48	1 750 132 M1	Stud (3/8 x 3-1/4" NC).....	x
49	353 434 X1	Washer (3/8" Lock).....	x
50	354 123 X1	Nut (3/8" NC, Hex.).....	x
51	195 448 M1	Screw, Self-Tapping.....	x

Note: x - in Right Hand Column - As Required.

MANIFOLD, MUFFLER, AIR CLEANER

F 261



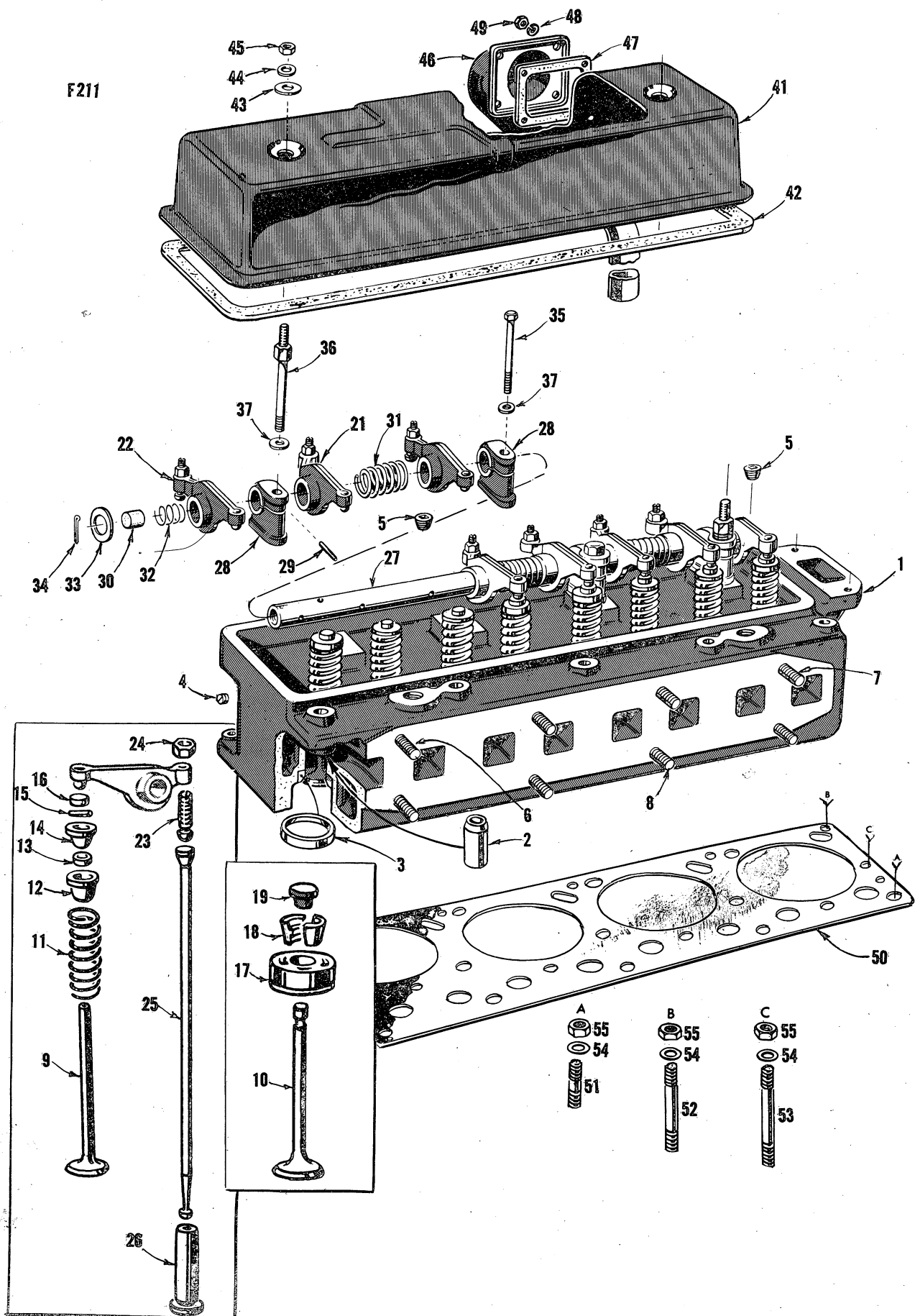
MANIFOLD, MUFFLER, AIR CLEANER

49

Ref. No.	Part No.	Description	No. Req.
1	182 861 M1	Adapter, Air Intake Tube.....	1
2	182 860 M91	Air Cleaner Assembly.....	1
4	1 009 128 M91	Clamp Assembly, Cup Retaining.....	1
5	14 962 A	Bolt, Clamp.....	1
6	1 009 132 M1	Clip, Bolt Retaining.....	1
7	1 752 057 M91	Cup Assembly, Oil.....	1
8	182 651 M1	Tube, Air Cleaner to Carbureter.....	1
9	182 062 M1	Hose, Air Tube Connecting.....	2
10	195 694 M1	Clamp, Hose.....	4
11	1 752 393 M91	Manifold.....	1
12	355 547 X1	Plug (1/8" Pipe, Sq. Hd.).....	1
13	1 750 045 M1	Gasket, Manifold to Cylinder Head.....	1
14	182 603 M1	Plate, Manifold End.....	1
15	182 604 M1	Elbow, Manifold Outlet, Down Exhaust.....	1
16	182 583 M1	Elbow, Manifold Outlet, Vertical Exhaust.....	1
17	182 605 M1	Gasket, Manifold End.....	2
18	182 609 M91	Muffler.....	1
19	182 713 M91	Shield, Heat.....	1
20	182 614 M1	Pipe, Down Exhaust.....	1
21	182 697 M1	Pipe, Vertical Exhaust.....	1
22	182 611 M1	Clamp, Muffler to Elbow.....	1
23	182 612 M1	Clamp, Muffler to Exhaust Pipe.....	1
24	182 381 M1	Bracket, Down Exhaust Pipe.....	1
30	353 668 X1	Screw (1/4 x 7/8" NC, Cap).....	x
31	353 441 X1	Washer (1/4" Lock).....	x
32	354 121 X1	Nut (1/4" NC, Hex.).....	x
33	353 678 X1	Screw (5/16 x 7/8" NC, Cap).....	x
34	353 446 X1	Washer (5/16" Lock).....	x
35	354 122 X1	Nut (5/16" NC, Hex.).....	x
36	1 751 620 M1	Stud, Manifold (3/8" NC x 1-5/8").....	x
37	16 544 A	Stud, Manifold (3/8" NC x 1-3/4").....	x
38	21 207 A	Stud, Manifold (3/8" NC x 1-1/2").....	x
39	353 756 X1	Washer (3/8" Small Flat).....	x
40	761 532 M1	Nut (3/8" NC, Hex.).....	x
41	1 751 908 M1	Stud (7/16" NC x 1-5/8").....	x
42	353 432 X1	Washer (7/16" Lock).....	x
43	195 653 M1	Nut (7/16" NC, Hex.).....	x
44	196 011 M1	Screw, Air Cleaner to Grille Plate.....	x

Note: x - in Right Hand Column - As Required.

CYLINDER HEAD AND VALVES

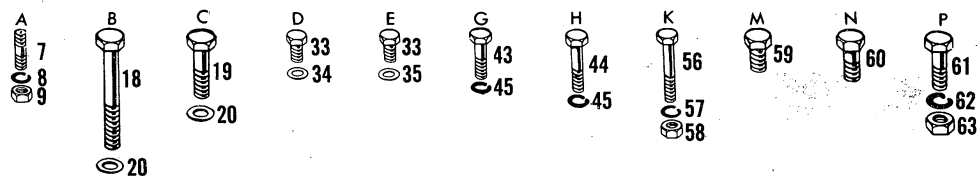


CYLINDER HEAD AND VALVES

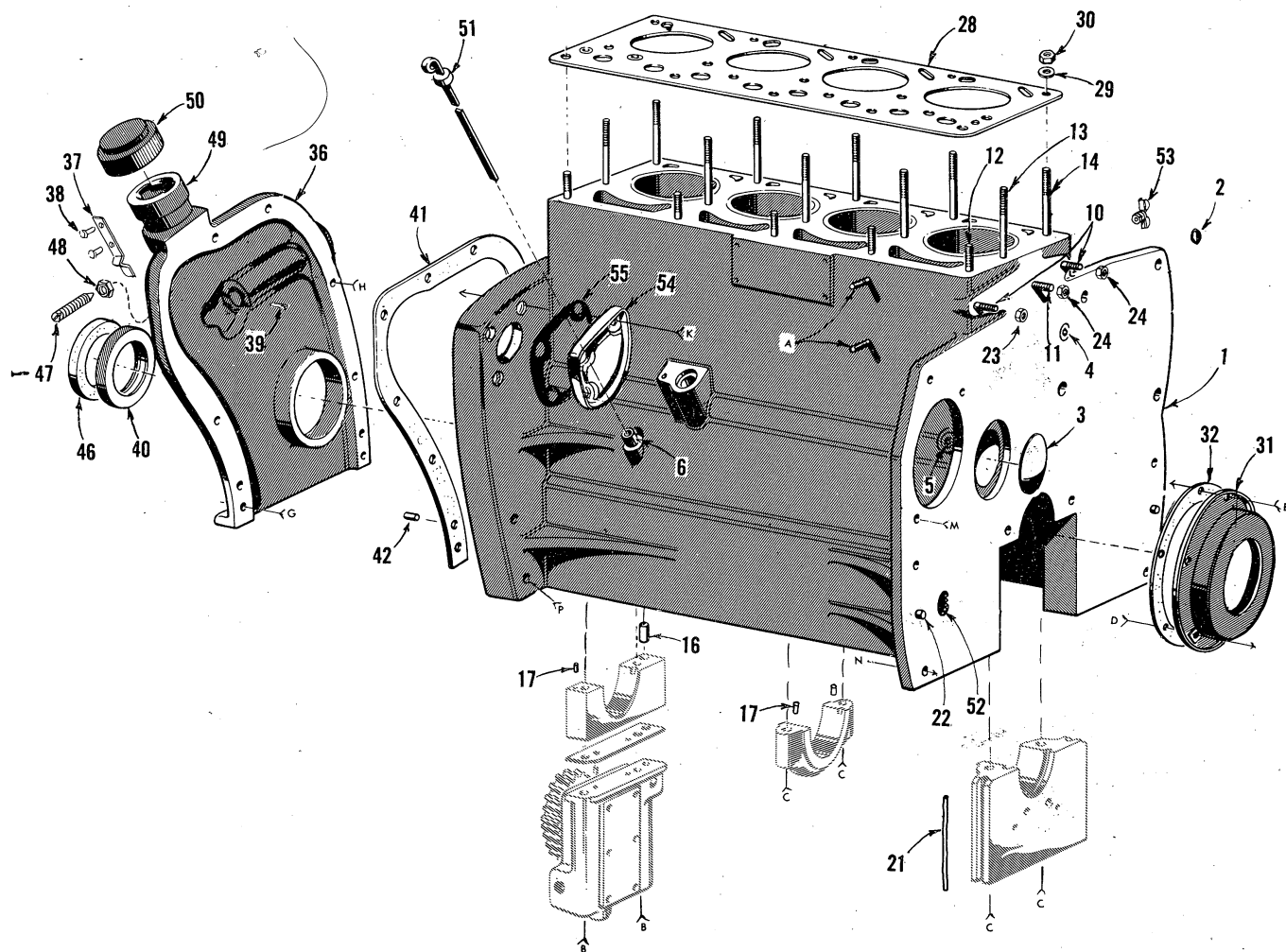
51

Ref. No.	Part No.	Description	No. Req.
1	1 750 199 M91	Head Assembly, Cylinder.....	1
2	830 490 M91	Guide Set, Valve (Inc. 8 Guides).....	1
3	1 750 212 M1	Insert, Exhaust Valve Seat (+.010").....	4
4	355 542 X1	Plug, Oil Lead (1/8" Pipe, Sq. Skt. Hd.).....	1
5	22 771 X	Plug, Core Hole (1/2" Pipe, Sq. Skt. Hd.).....	2
6	1 751 620 M1	Stud, Manifold, Upper Rear (3/8" NC x 1-5/8").....	1
7	16 544 A	Stud, Manifold, Upper Front (3/8" NC x 1-3/4").....	1
8	21 207 A	Stud, Manifold, Lower and Upper Control (3/8" NC x 1-1/2").....	6
	830 487 M91	Valve Set, Intake.....	1
9	1 750 070 M1	Valve, Intake.....	4
	830 488 M91	Valve Set, Exhaust.....	1
10	1 750 072 M1	Valve, Exhaust.....	4
	840 754 M91	Spring Set, Valve.....	1
11	21 176 A	Spring, Valve.....	8
12	1 750 061 M1	Guard, Oil, Intake Valve.....	4
13	1 750 062 M1	Gasket, Intake Valve Oil Guard.....	4
	830 703 M91	Kit, Retainer.....	1
14	1 750 059 M1	Retainer, Intake Valve Spring.....	4
	840 753 M91	Pin Set, Intake Valve Spring Retainer Lock.....	1
15	18 291 A	Pin, Intake Valve Spring Retainer Lock.....	4
	830 704 M91	Kit, Intake Cap.....	1
16	1 750 060 M1	Cap, Intake Valve Stem.....	4
	840 873 M91	Roto Cap and Exhaust Valve Spring Retainer Set.....	1
17	1 004 514 M91	Roto Cap and Exhaust Valve Spring Retainer.....	4
	840 874 M91	Lock Set, Exhaust Valve Seat Retainer.....	1
18	1 004 512 M1	Lock, Exhaust Valve Seat Retainer.....	8
	830 705 M91	Kit, Exhaust Cap.....	1
19	1 750 071 M1	Cap, Exhaust Valve Stem.....	4
21	1 750 066 M91	Rocker Arm Assembly, Left (Inc. Items 23 and 24).....	1
22	1 750 067 M91	Rocker Arm Assembly, Right (Inc. Items 23 and 24).....	1
23	1 005 935 M1	Screw, Valve Tappet Adjusting.....	1
24	353 916 X1	Nut, Tappet Adjusting Screw Lock.....	1
25	1 750 058 M1	Rod, Valve Push.....	8
26	1 750 111 M1	Tappet, Valve.....	8
27	1 750 073 M1	Shaft, Rocker Arm.....	1
28	1 750 055 M1	Support, Rocker Arm Shaft.....	4
29	1 750 120 M1	Pin, Rocker Arm Shaft Locating (3/32 x 5/8" Groov).....	1
30	1 750 124 M1	Cork, Rocker Arm Shaft Plug.....	2
31	1 750 057 M1	Spring, Rocker Arm Shaft, Long.....	3
32	1 750 056 M1	Spring, Rocker Arm Shaft, Short.....	2
33	1 750 148 M1	Washer, Rocker Arm Shaft.....	2
34	354 043 X1	Cotter Pin (1/16 x 1").....	2
35	353 897 X1	Bolt, Support to Head (3/8 x 2" NC, Hex.).....	2
36	1 750 068 M1	Stud, Support to Head (3/8" NC x 3-13/32" Special).....	2
37	353 756 X1	Washer (3/8" Small Flat).....	2
41	1 750 011 M91	Cover Assembly, Cylinder Head.....	1
42	1 750 002 M1	Gasket, Cover Assembly.....	1
43	11 277 X	Gasket Washer, Hold-Down Studs.....	2
44	353 756 X1	Washer (3/8" Small Flat).....	2
45	353 123 X1	Nut (3/8" NC, Hex.).....	2
46	1 751 849 M91	Tube Assembly, Cylinder Head Cover Vept.....	1
47	1 750 006 M1	Gasket, Tube to Cover.....	1
48	353 441 X1	Washer (1/4" Lock).....	4
49	354 121 X1	Nut (1/4" NC, Hex.).....	4
50	1 750 017 M1	Gasket, Cylinder Head.....	1
51	353 964 X1	Stud (7/16" NC-NF x 1-7/8").....	5
52	1 750 136 M1	Stud (7/16" NC-NF x 4-1/8").....	2
53	1 751 133 M1	Stud (7/16" NC-NF x 4-11/16").....	8
54	353 757 X1	Washer (7/16" Small Flat).....	1
55	353 426 X1	Nut (7/16" NF, Hex.).....	1
	830 690 M91	Gasket Kit, Valve Grind.....	1

CYLINDER BLOCK



F207-51



CYLINDER BLOCK

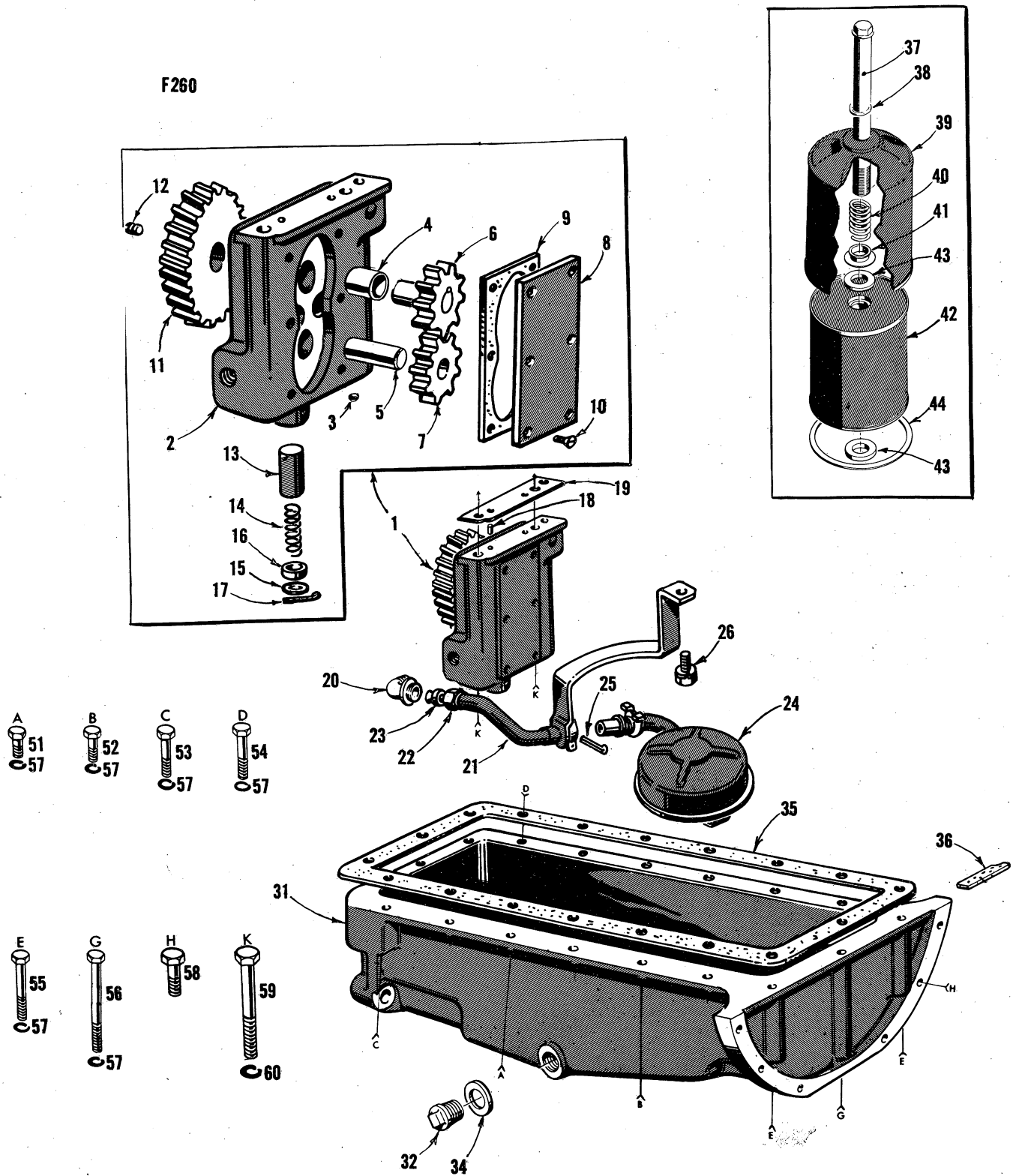
53

Ref. No.	Part No.	Description	No. Req.
(A)	182 602 M91	Engine Assembly (less Electrical, Carbureter and Oil Filter).....	1
(A)	182 551 M91	Engine Assembly, Hi-Altitude (less Electrical, Carbureter and Oil Filter)	1
	1 752 395 M91	Block Assembly, Short (Inc. Cylinder, Crankcase Assembly, w/Pistons, Rings, Rods, Gears, Camshaft, Crankshaft, Oil Pump and Oil Pan).....	1
1 (B)	1 752 394 M91	Block Assembly, Cylinder, Stripped.....	1
2	1 750 122 M1	Plug, Core Hole (1" Exp.).....	1
3	19 259 X	Plug, Rear Camshaft Bearing Hole (2-1/8" Exp.).....	1
4	1 000 148 M1	Plug, Oil Passage (1/8" Pipe, Slted. Hd.).....	2
5	355 542 X1	Plug, Water Jacket (1/8" Pipe, Sq. Hd.).....	1
6	17 595 A	Support, Oil Level Gauge.....	1
7	1 958 X	Stud (1/4" NC x 7/8").....	2
8	353 441 X1	Washer (1/4" Lock).....	2
9	354 121 X1	Nut (1/4" NC, Hex.).....	2
10	1 750 154 M1	Stud (7/16" NC x 1-5/8").....	2
11	353 963 X1	Stud (7/16" NC-NF x 1-3/4").....	1
12	353 964 X1	Stud (7/16" NC-NF x 1-7/8").....	5
13	1 750 136 M1	Stud (7/16" NC-NF x 4-1/8").....	2
14	1 751 133 M1	Stud (7/16" NC-NF x 4-11/16").....	8
16	17 608 A	Dowel, Ring, Front Main Bearing Cap.....	1
17	760 402 M1	Dowel, Pin, Front and Center Main Bearing Cap.....	3
18	1 750 131 M1	Bolt, Front Main Bearing Cap (Also holds Oil Pump)(1/2 x 6-1/2" NC, Hex., Dld. f/Lkg. Wire).....	2
19	21 215 A	Bolt, Center and Rear Bearing Caps (1/2 x 2-1/2" NC, Hex., Dld. f/Lkg. Wire).....	4
20	353 773 X1	Washer (1/2" Special).....	6
21	840 760 M91	Packing, Rear Main Bearing Cap (35 Ft. Ball).....	1
22	180 069 M1	Dowel.....	2
23	353 426 X1	Nut (7/16" NF, Hex.).....	1
24	195 364 M1	Nut (7/16" Hex., Special).....	2
28	1 750 017 M1	Gasket, Cylinder Head.....	1
29	353 757 X1	Washer (7/16" Small Flat).....	15
30	353 426 X1	Nut (7/16" NF, Hex.).....	15
31	1 750 216 M91	Seal, Oil and Retainer Assembly, Crankshaft, Rear.....	1
32	1 750 112 M1	Gasket, Oil Seal.....	1
33	353 666 X1	Bolt (1/4 x 5/8" NC, Hex.).....	5
34	1 751 636 M1	Washer (1/4" Copper).....	2
35	353 754 X1	Washer (1/4" Small Flat).....	3
36	1 750 661 M91	Cover Assembly, Timing Gears.....	1
37	1 500 071 M1	Spring, Governor Bumper.....	1
38	16 863 X	Rivet, Bumper Spring.....	2
39	1 750 151 M1	Pin, Bearing Stop.....	1
40	15 287 A	Seal, Oil, Crankshaft, Front (2-1/8 x 3 x 1/2").....	1
41	1 750 032 M1	Gasket, Timing Gear Cover.....	1
42	760 028 M1	Dowel, Pin, Timing Gear Cover.....	2
43	353 692 X1	Bolt, Timing Gear Cover (3/8 x 1-1/8" NC, Hex.).....	8
44	354 263 X1	Bolt, Timing Gear Cover (3/8 x 1-5/8" NC, Hex.).....	1
45	353 434 X1	Washer (3/8" Lock).....	9
46	15 288 A	Seal, Dust, Crankshaft, Front (2-1/8 x 3 x 1/4" Felt).....	1
47	760 138 M1	Screw, Governor Bumper Spring Adjusting.....	1
48	354 121 X1	Nut (1/4" NC, Hex.).....	1
49	1 750 098 M1	Pipe, Oil Filler.....	1
50	1 750 093 M91	Cap Assembly, Oil Filler Pipe.....	1
51	1 750 095 M91	Gauge, Oil Level.....	1
52	195 546 M1	Plug, Timing Hole Cover.....	1
53	180 067 M1	Cock, Water Jacket Drain.....	1
54	1 751 846 M1	Cover, Power Steering Pump Attaching Hole.....	1
55	1 751 847 M1	Gasket, Cover.....	1
56	2 446 X	Bolt (3/8 x 2-1/2" NC, Hex.).....	2
57	353 434 X1	Washer (3/8" Lock).....	2
58	1 750 152 M1	Nut (3/8" NC, Hex.).....	2
59	353 698 X1	Bolt (7/16 x 1" NC, Hex.).....	1
60	353 700 X1	Bolt (7/16 x 1-1/4" NC, Hex.).....	6
61	353 614 X1	Bolt (5/8 x 1-7/8" NF, Hex.).....	3
62	353 433 X1	Washer (5/8" Lock).....	3
63	353 427 X1	Nut (5/8" NF, Hex.).....	3

Notes: (A) - The difference between 182 602 M91 and 182 551 M91 is that 182 602 M91 used 830 697 M91 Piston and Sleeve Kit and 182 551 M91 used 830 698 M91 Hi-Altitude Piston and Sleeve Kit
 (B) - Cylinder Block Assembly also includes Main Bearing Caps. These Caps are machined in place and cannot be furnished as separate service parts.

OIL PUMP OIL PAN

F260



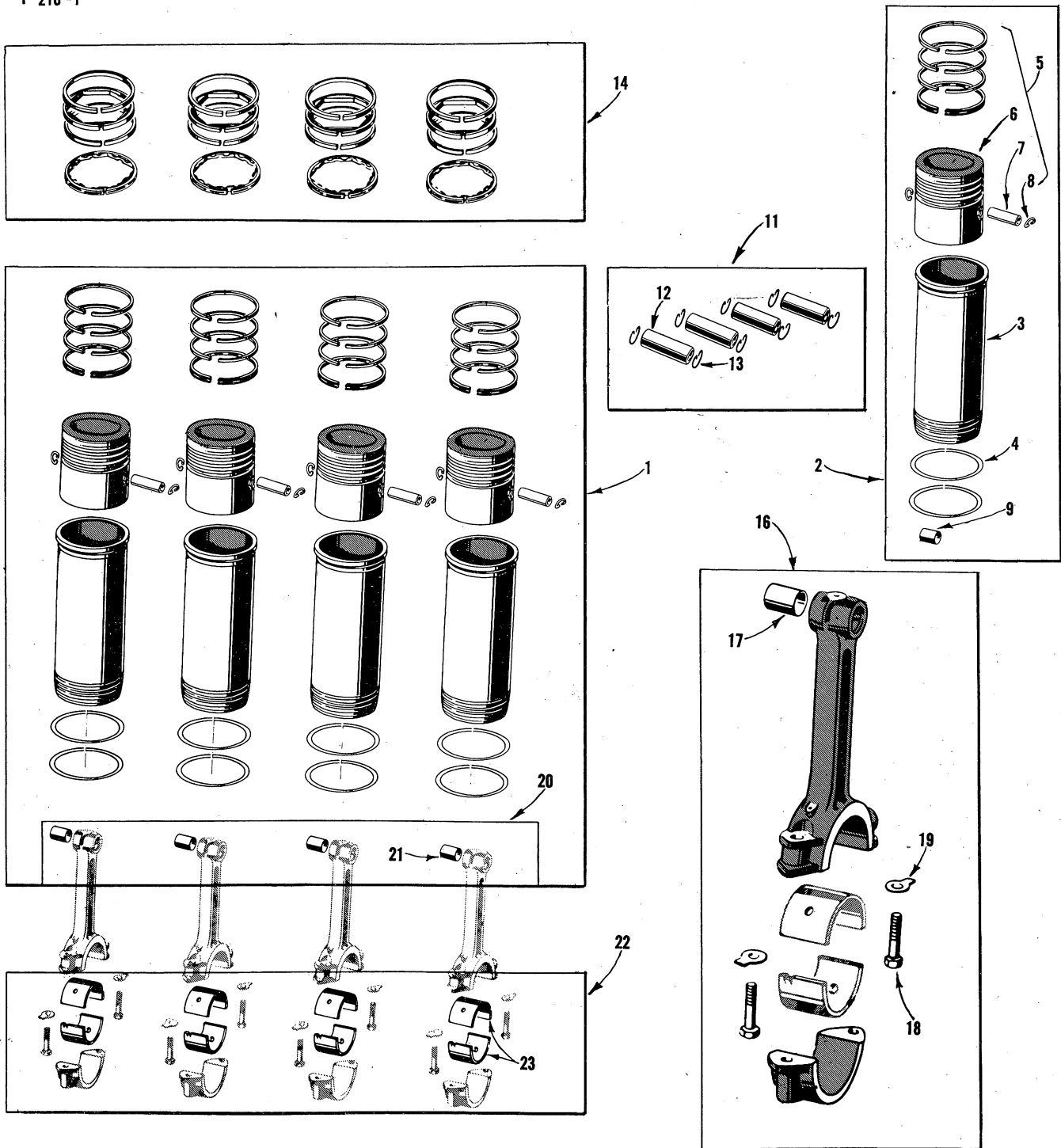
OIL PUMP, OIL PAN

55

<u>Ref.</u> <u>No.</u>	<u>Part No.</u>	<u>Description</u>	<u>No.</u> <u>Req.</u>
1	1 750 239 M91	Oil Pump Assembly.....	1
2	1 750 214 M91	Body Assembly, Oil Pump.....	1
3	19 454 X	Plug (1/2" Exp.).....	3
4	760 195 M1	Bushing.....	2
5	1 750 110 M1	Stud, Idler Gear.....	1
6	1 750 090 M91	Gear and Shaft Assembly, Oil Pump, Lead.....	1
7	1 500 015 M1	Gear, Oil Pump Follow.....	1
8	1 750 085 M1	Cover, Oil Pump.....	1
9	1 750 087 M1	Gasket, Oil Pump Cover.....	1
10	14 276 X	Screw (1/4 x 5/8" NC, Sltd. Ctsk. Hd.).....	6
11	1 750 052 M1	Gear, Oil Pump Driven.....	1
12	1 750 126 M1	Set Screw, Gear Locking (1/4 x 5/16" NC, Self-Locking).....	1
13	760 156 M1	Valve, Oil Pressure Relief.....	1
14	21 195 A	Spring, Oil Pressure Regulating.....	1
15	15 326 A	Washer, Pressure Adjusting.....	x
16	760 159 M1	Retainer, Regulating Spring.....	1
17	354 061 X1	Cotter Pin (1/8 x 1-1/4").....	1
18	1 005 960 M1	Dowel Pin, Oil Pump to Bearing Cap.....	2
19	1 750 088 M1	Shim, Oil Pump to Bearing Cap.....	x
20	1 750 147 M1	Elbow, Oil Pump Inlet.....	1
21	1 750 096 M91	Tube Assembly, Oil Screen.....	1
22	1 750 139 M1	Nut (1/2" Tube, takes Sleeve).....	1
23	1 750 140 M1	Sleeve (1/2" Tube Nut).....	1
24	1 750 094 M91	Screen Assembly, Oil.....	1
25	354 061 X1	Cotter Pin (1/8 x 1-1/4").....	1
26	1 750 130 M91	Bolt and Washer (1/4 x 1/2" NC, Hex.).....	1
31	1 750 028 M1	Pan, Oil.....	1
32	195 466 M1	Plug, Drain.....	1
	830 688 M91	Gasket Kit, Oil Pan.....	1
34	180 474 M1	Gasket, Drain Plug.....	1
35	1 750 024 M1	Gasket, Oil Pan.....	1
36	1 750 025 M1	Gasket, Oil Pan Flange.....	2
37	1 750 583 M1	Screw, Oil Filter Cover.....	1
38	1 750 584 M1	Gasket, Oil Filter Cover Screw.....	1
39	1 750 586 M91	Cover Assembly, Oil Filter.....	1
40	1 750 585 M1	Spring, Oil Filter Cover.....	1
41	1 005 438 M1	Retainer, Oil Filter Cover Spring.....	1
42	841 241 M91	Element Kit, Oil Filter.....	1
43	1 750 587 M91	Gasket (Order 841 241 M91).....	2
44	1 750 580 M1	Gasket (Order 841 241 M91).....	1
51	353 678 X1	Bolt (5/16 x 7/8" NC, Hex.).....	2
52	353 679 X1	Bolt (5/16 x 1" NC, Hex.).....	11
53	354 615 X1	Bolt (5/16 x 2-1/2" NC, Hex.).....	1
54	354 616 X1	Bolt (5/16 x 2-5/8" NC, Hex.).....	1
55	354 625 X1	Bolt (5/16 x 3-3/4" NC, Hex.).....	1
56	355 512 X1	Bolt (5/16 x 5" NC, Hex.).....	1
57	353 446 X1	Washer (5/16" Lock).....	17
58	353 701 X1	Bolt (7/16 x 1-3/8" NC, Hex.).....	6
59	1 750 131 M1	Bolt (1/2 x 6-1/2" NC, Hex., Dld. f/Locking Wire).....	2
60	15 233 A	Washer (1/2" Special).....	2
	830 689 M91	Gasket Kit, Engine Overhaul.....	1

Note: x - in Right Hand Column - As Required.

F 210-1



SLEEVES, PISTONS AND CONNECTING RODS

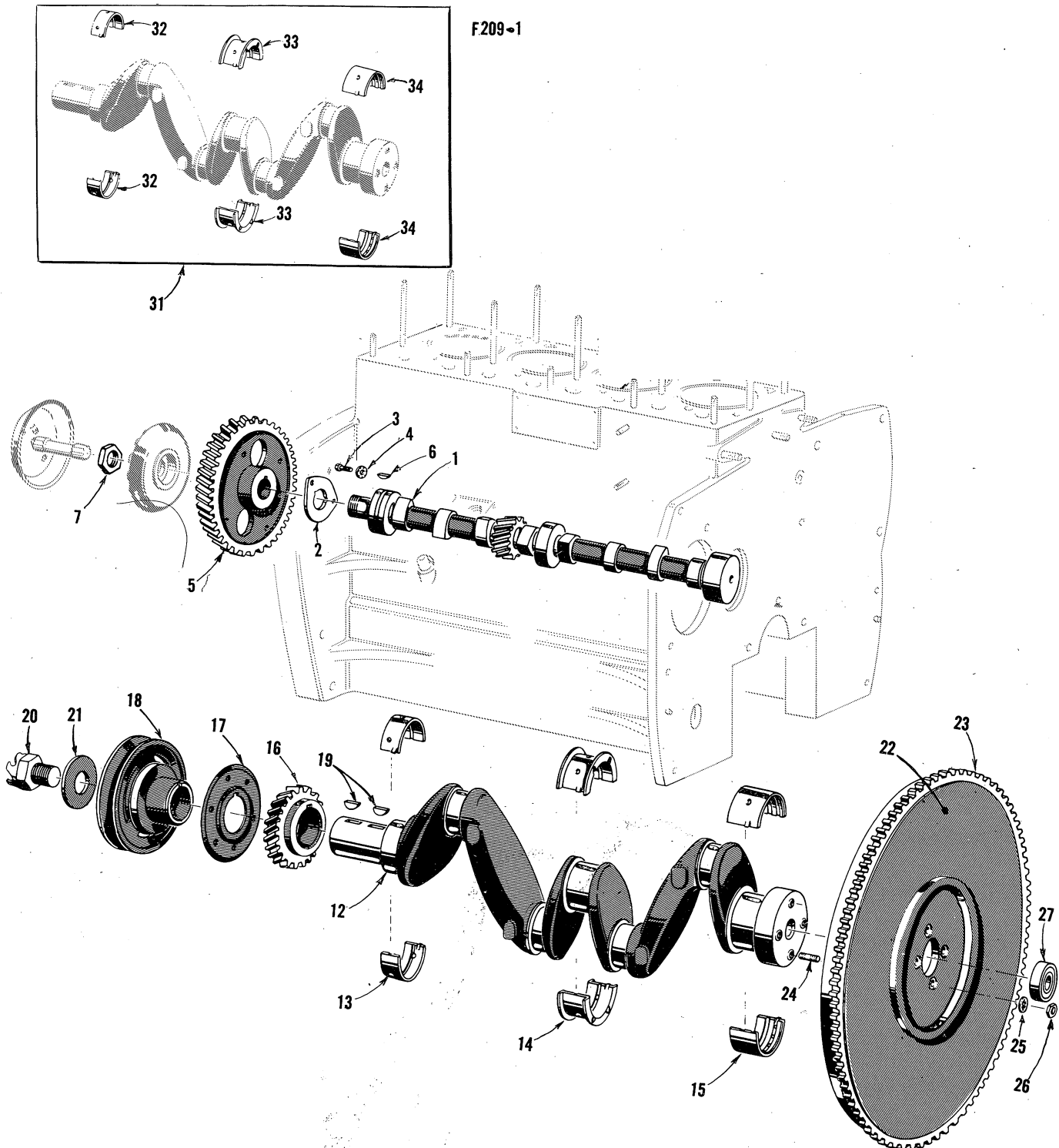
57

<u>Ref.</u> <u>No.</u>	<u>Part No.</u>	<u>Description</u>	<u>No.</u> <u>Req.</u>
1	830 697 M91	Piston and Sleeve Set, Regular.....	1
2	1 752 401 M91	Piston and Sleeve Assembly, Regular.....	4
3	1 750 012 M1	Sleeve (Order 1 752 401 M91).....	1
4	1 750 000 M1	Packing, Sleeve.....	2
5 (A)	1 752 397 M91	Piston Assembly (Order 1 752 401 M91).....	1
6	1 750 016 M1	Piston (Order 1 752 401 M91).....	1
7	15 798 A	Pin, Piston (See Item #11).....	1
8	15 256 A	Ring, Piston Pin Lock.....	2
9	760 916 M1	Bushing, Piston Pin (See Item #20).....	1
1	830 698 M91	Piston and Sleeve Set, Hi-Altitude.....	1
2	1 752 402 M91	Piston and Sleeve Assembly, Hi-Altitude.....	4
3	1 750 012 M1	Sleeve (Order 1 752 402 M91).....	1
4	1 750 000 M1	Packing, Sleeve.....	2
5 (A)	1 752 399 M91	Piston Assembly (Order 1 752 402 M91).....	1
6	1 751 850 M1	Piston (Order 1 752 402 M91).....	1
7	15 798 A	Pin, Piston (See Item #11).....	1
8	15 256 A	Ring, Piston Pin Lock.....	2
9	760 916 M1	Bushing, Piston Pin (See Item #20).....	1
11	840 713 M91	Pin Kit, Piston, +.003".....	x
12	34 030 A	Pin, Piston, +.003".....	4
13	15 256 A	Ring, Piston Pin Retaining.....	4
11	840 714 M91	Pin, Kit, Piston, +.005".....	x
12	34 031 A	Pin, Piston, +.005".....	4
13	15 256 A	Ring, Piston Pin Retaining.....	4
14	830 492 M91	Ring Kit, Piston (Re-Ring Type).....	x
16	830 644 M91	Connecting Rod Assembly.....	4
17	760 916 M1	Bushing, Piston Pin (See Item #20).....	1
18	1 750 043 M1	Bolt, Connecting Rod.....	2
19	1 750 042 M1	Lock, Connecting Rod Bolt.....	2
20	840 708 M91	Bushing Kit, Piston Pin.....	x
21	760 916 M1	Bushing, Piston.....	4
22	830 486 M91	Insert Kit, Connecting Rod Bearing, Std.....	x
23	1 750 049 M91	Insert Assembly, Connecting Rod Bearing, Std.....	4
22	830 508 M91	Insert Kit, Connecting Rod Bearing, -.002".....	x
23	1 750 186 M91	Insert Assembly, Connecting Rod Bearing, -.002".....	4
22	830 509 M91	Insert Kit, Connecting Rod Bearing, -.010".....	x
23	1 750 187 M91	Insert Assembly, Connecting Rod Bearing, -.010".....	4
22	830 510 M91	Insert Kit, Connecting Rod Bearing, -.020".....	x
23	1 750 188 M91	Insert Assembly, Connecting Rod Bearing, -.020".....	4

Notes: (A) - All Piston Assemblies also contain Piston Rings.

x - in Right Hand Column - As Required.

F209-1



CAMSHAFT, CRANKSHAFT AND MAIN BEARINGS

59

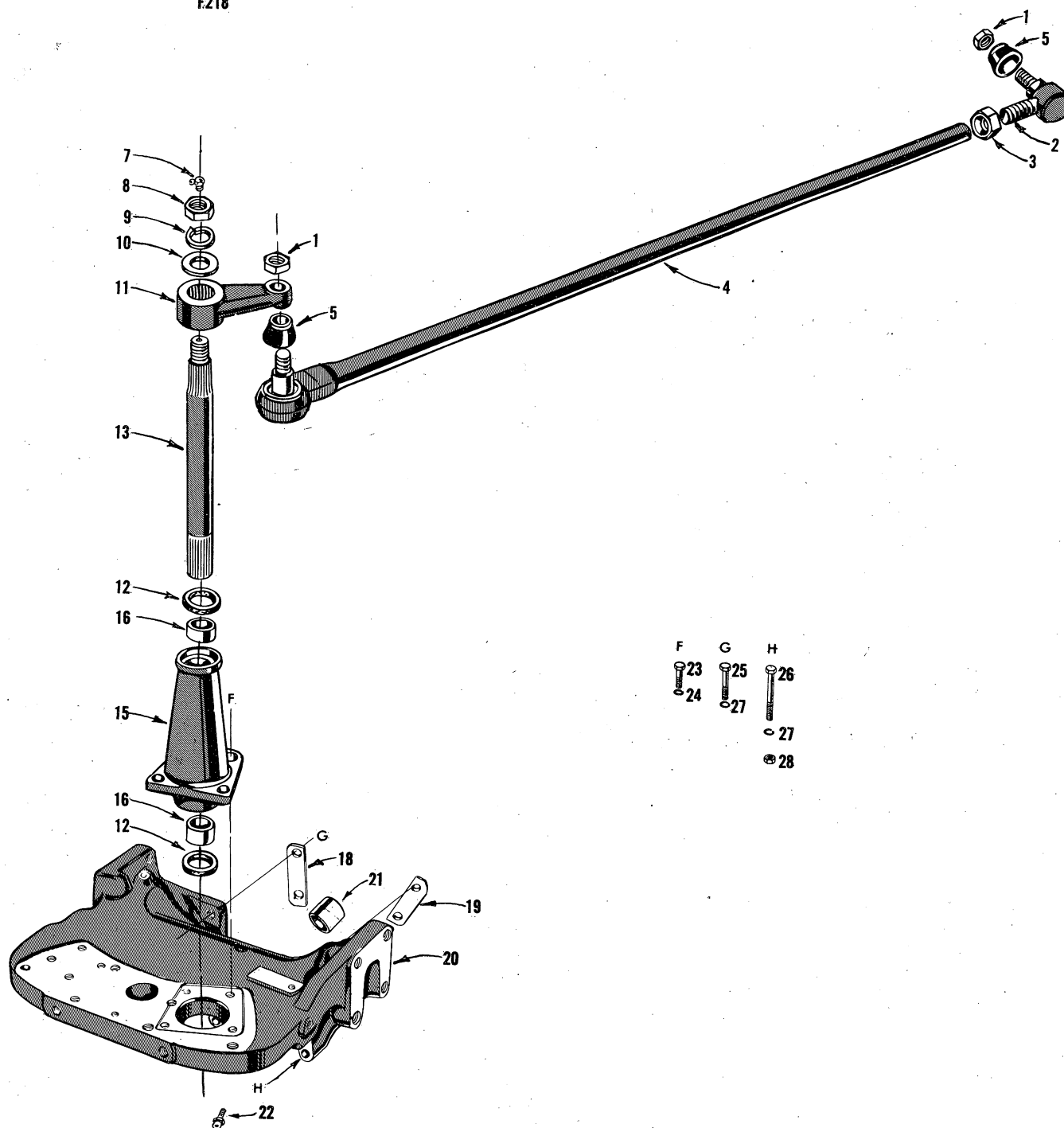
Ref. No.	Part No.	Description	No. Req.
1	1 750 293 M1	Camshaft.....	1
2	1 500 056 M1	Plate, Camshaft Thrust.....	1
3	1 750 127 M1	Bolt (5/16 x 1/2" NC, Hex., Special).....	2
4	15 731 X	Washer (5/16" Lock).....	2
5	1 750 237 M1	Gear, Camshaft Timing (Std.).....	1
5 (A)	1 750 207 M1	Gear, Camshaft Timing (-.001").....	x
5 (A)	1 750 209 M1	Gear, Camshaft Timing (-.002").....	x
5 (A)	1 750 206 M1	Gear, Camshaft Timing (+.001").....	x
5 (A)	1 750 208 M1	Gear, Camshaft Timing (+.002").....	x
6	1 691 X	Key (#6 Woodruff, 5/32 x 5/8").....	1
7	1 500 098 M1	Nut, Camshaft.....	1
12	1 750 169 M1	Crankshaft.....	1
13	1 751 444 M91	Insert Assembly, Front Main Bearing (See Item #31).....	1
14	1 751 440 M91	Insert Assembly, Center Main Bearing (See Item #31).....	1
15	1 751 448 M91	Insert Assembly, Rear Main Bearing (See Item #31).....	1
16	1 750 054 M1	Gear, Crankshaft Timing (Std.).....	1
16 (A)	1 750 203 M1	Gear, Crankshaft Timing (-.001").....	x
16 (A)	1 750 205 M1	Gear, Crankshaft Timing (-.002").....	x
16 (A)	1 750 202 M1	Gear, Crankshaft Timing (+.001").....	x
16 (A)	1 750 204 M1	Gear, Crankshaft Timing (+.002").....	x
17	15 286 A	Washer, Oil Throw-off.....	1
18	1 750 076 M1	Pulley, Fan Drive.....	1
19	15 356 X	Key (Hi-Pro #HP808, 1/4 x 1").....	2
20	1 750 099 M1	Jaw, Crankshaft Starting.....	1
21	1 750 149 M1	Washer, Starting Jaw.....	1
22	1 750 041 M91	Flywheel Assembly.....	1
23	1 750 034 M1	Gear, Starter Ring.....	1
24	1 750 134 M1	Stud, Flywheel Attaching (7/16" NC-NF x 1-9/16").....	1
25	13 986 X	Washer (7/16" Int. Skpf.).....	4
26	353 426 X1	Nut (7/16" NF, Hex.).....	4
27	200 550 M1	Bearing, Clutch Pilot.....	1
31	830 516 M91	Insert Kit, Main Bearing, Std.....	x
32	1 751 444 M91	Insert Assembly, Front Main Bearing, Std.....	1
33	1 751 440 M91	Insert Assembly, Center Main Bearing, Std.....	1
34	1 751 448 M91	Insert Assembly, Rear Main Bearing, Std.....	1
31	830 637 M91	Insert Kit, Main Bearing, -.002".....	x
32	1 751 445 M91	Insert Assembly, Front Main Bearing, -.002".....	1
33	1 751 441 M91	Insert Assembly, Center Main Bearing, -.002".....	1
34	1 751 449 M91	Insert Assembly, Rear Main Bearing, -.002".....	1
31	830 638 M91	Insert Kit, Main Bearing, -.010".....	x
32	1 751 446 M91	Insert Assembly, Front Main Bearing, -.010".....	1
33	1 751 442 M91	Insert Assembly, Center Main Bearing, -.010".....	1
34	1 751 450 M91	Insert Assembly, Rear Main Bearing, -.010".....	1
31	830 639 M91	Insert Kit, Main Bearing, -.020".....	x
32	1 751 447 M91	Insert Assembly, Front Main Bearing, -.020".....	1
33	1 751 443 M91	Insert Assembly, Center Main Bearing, -.020".....	1
34	1 751 451 M91	Insert Assembly, Rear Main Bearing, -.020".....	1

Notes: (A) - Undersize and Oversize Timing Gears can be furnished on special order when required to obtain quiet Gear operation.

x - in Right Hand Column - As Required.

PEDESTAL, STEERING AND DRAG LINK

F218



PEDESTAL, STEERING AND DRAG LINK

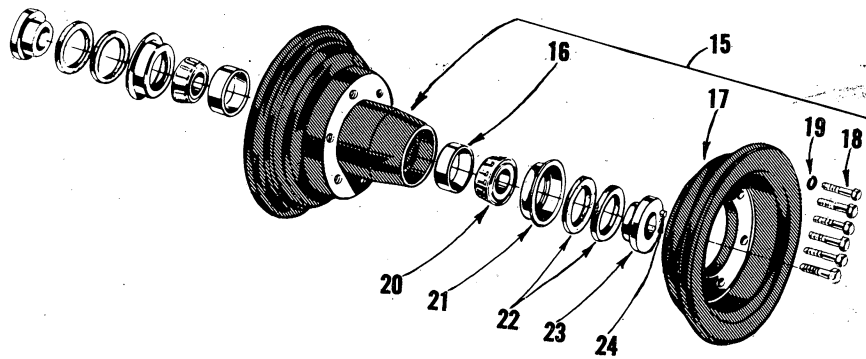
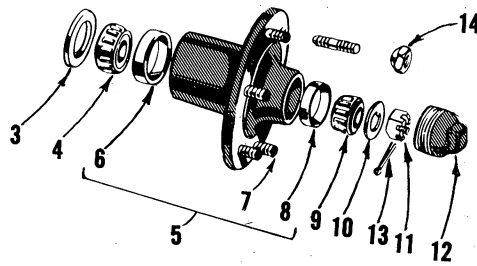
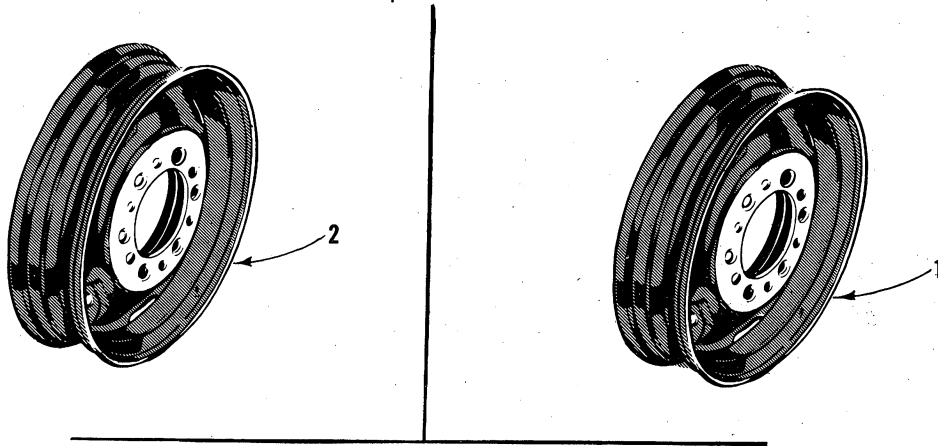
61

Ref. No.	Part No.	Description	No. Req.
1	353 429 X1	Nut (5/8" NF, Jam).....	2
2	182 534 M91	Drag Link Assembly.....	1
3	196 059 M1	Nut, Hex.....	1
4	182 535 M91	Tube Assembly, Steering Drag Link.....	1
5	196 100 M1	Seal, Dust.....	2
7	850 778 M1	Grease Fitting.....	1
8	353 458 X1	Nut (1" NF, Jam).....	1
9	353 443 X1	Washer (1" Lock).....	1
10	353 777 X1	Washer (1" Flat).....	1
11	182 504 M1	Arm, Upper.....	1
12	196 066 M1	Seal, Dust.....	2
13	182 503 M1	Shaft, Pedestal.....	1
15	182 576 M91	Pedestal Assembly, Upper.....	1
16	196 057 M1	Bushing.....	2
18	182 377 M1	Spacer, R.H., Support to Block.....	1
19	182 378 M1	Spacer, L.H., Support to Block.....	1
20	182 575 M91	Support Assembly.....	1
21	196 050 M1	Bushing, Support.....	1
22	13 222 X	Grease Fitting (1/8" P.T., Str.).....	1
23	353 724 X1	Screw (1/2 x 1-1/2" NC, Cap).....	x
24	353 439 X1	Washer (1/2" Lock).....	x
25	354 285 X1	Screw (5/8 x 2-1/4" Cap).....	x
26	353 633 X1	Bolt (5/8 x 4-1/4" NF, Hex. Hd.).....	x
27	353 433 X1	Washer (5/8" Lock).....	x
28	353 427 X1	Nut (5/8" NF, Hex.).....	x

Note: x - in Right Hand Column - As Required.

FRONT WHEELS

F 263



FRONT WHEELS

63

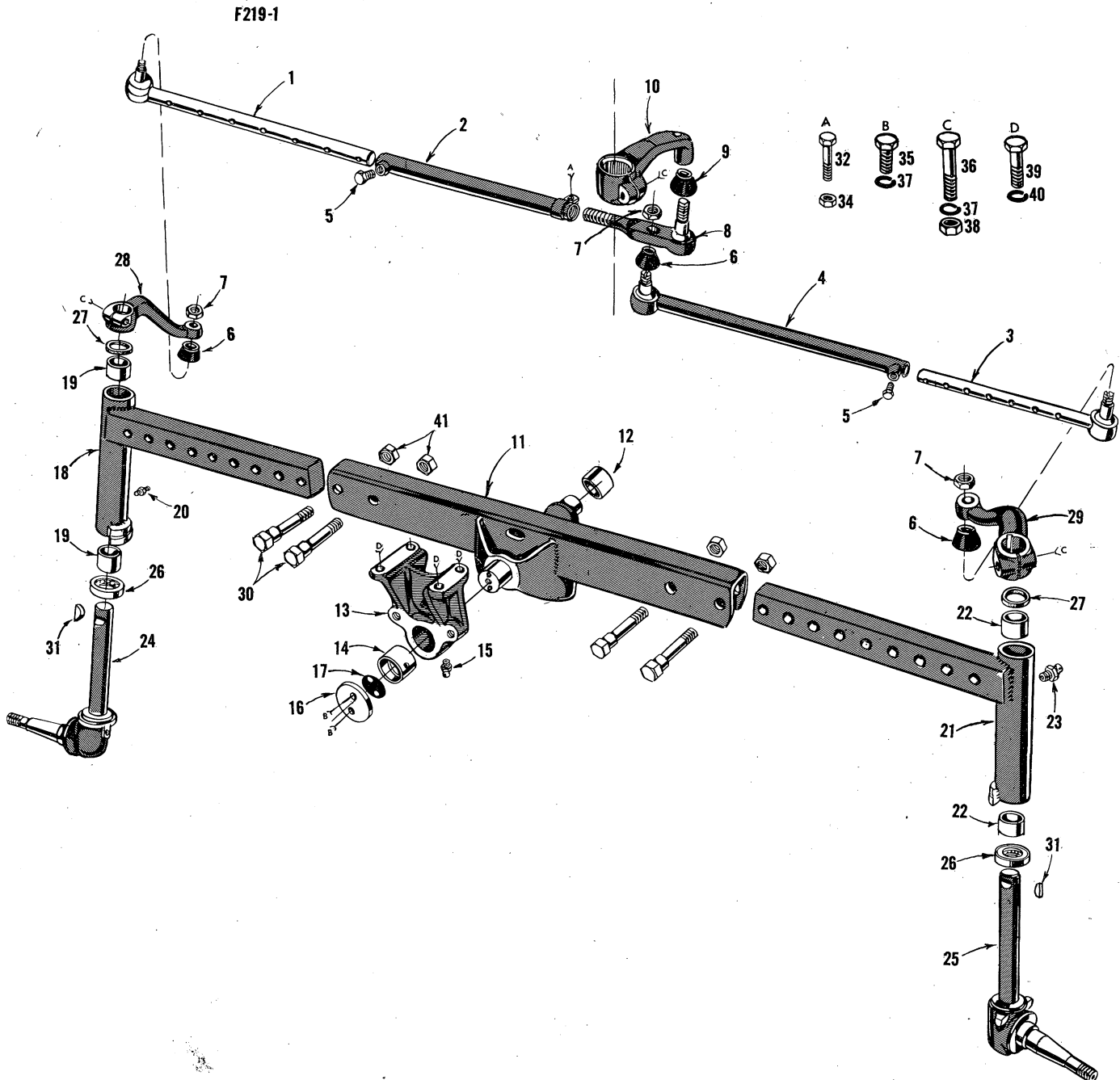
"UTILITY," "HI-ARCH" AND "TWIN" FRONT WHEEL

<u>Ref.</u> <u>No.</u>	<u>Part No.</u>	<u>Description</u>	<u>No.</u> <u>Req.</u>
1	195 638 M91	Wheel, Front (4.50 x 16).....	2
2	180 367 M91	Wheel, Front (4.00 x 19).....	2
3	180 008 M1	Seal, Front Hub Dust.....	2
4	195 181 M1	Cone, Bearing, Inner (Timken #15123).....	2
5	180 338 M91	Hub Assembly.....	2
6	195 182 M1	Cup, Bearing, Inner (Timken #15245).....	1
7	181 328 M1	Bolt.....	6
8	850 127 M1	Cup, Bearing, Outer (Timken #09195).....	1
9	150 662 M1	Cone, Bearing, Outer (Timken #09067).....	2
10	180 010 M1	Washer, Bearing Retainer.....	2
11	353 928 X1	Nut (3/4" NF, Sltd. Hex.).....	2
12	180 009 M1	Cap, Hub.....	2
13	354 068 X1	Pin (5/32 x 1-1/4" Cotter).....	2
14	195 489 M1	Nut.....	2

"SINGLE" FRONT WHEEL

15	182 626 M91	Wheel Assembly.....	1
16	15 854 X	Cup, Bearing (Timken #25820).....	2
17	182 628 M1	Rim, Front Wheel.....	1
18	354 279 X1	Screw (1/2 x 1-7/8" NC, Cap).....	6
19	353 439 X1	Washer (1/2" Lock).....	6
20	15 853 X	Cone, Bearing (Timken #25877).....	2
21	15 843 A	Cup, Bearing.....	2
22	15 842 A	Washer, Felt.....	4
23	15 841 A	Spacer.....	2
24	14 652 X	Pin, Dowel.....	2

UTILITY FRONT AXLE



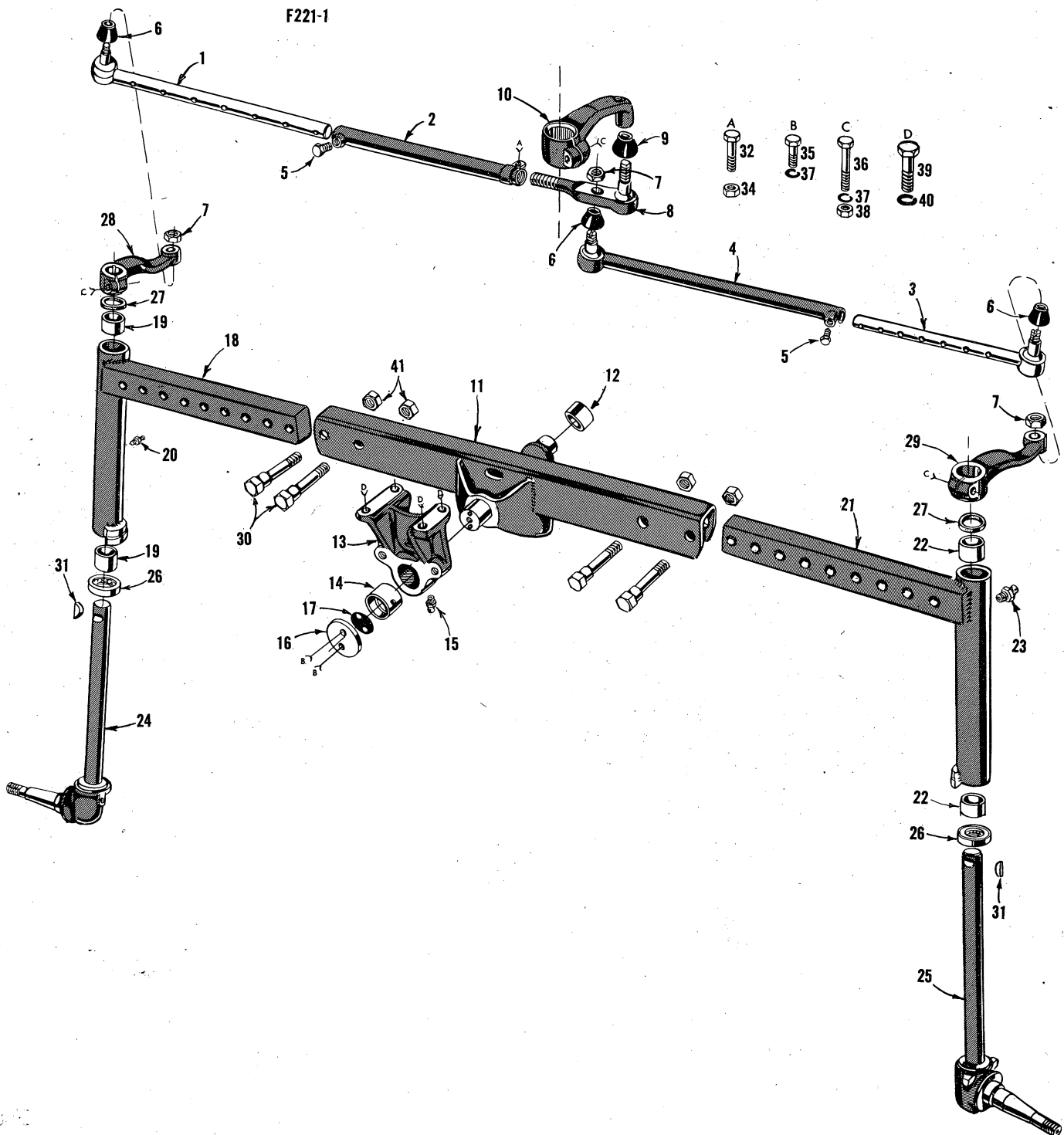
UTILITY FRONT AXLE

65

<u>Ref.</u> <u>No.</u>	<u>Part No.</u>	<u>Description</u>	<u>No.</u> <u>Req.</u>
1	182 515 M91	Stem Assembly, Tie Rod, Right.....	1
2	182 517 M91	Tube Assembly, Tie Rod, Right.....	1
3	182 507 M91	Stem Assembly, Tie Rod, Left.....	1
4	182 510 M91	Tube Assembly, Tie Rod, Left.....	1
5	196 058 M1	Set Screw, Tie Rod.....	2
6	196 100 M1	Seal, Dust, Tie Rod.....	3
7	353 429 X1	Nut, Tie Rod (5/8" NF, Hex.).....	3
8	182 519 M91	End Assembly, Tie Rod Adjusting.....	1
9	196 099 M1	Seal, Dust, Adjusting End.....	1
10	182 530 M1	Arm, Steering Crank.....	1
11	182 531 M91	Axle Assembly.....	1
12	196 050 M1	Bushing, Axle Pivot (in Main Support)(1-7/8 x 2 x 1-1/8").....	1
13	182 494 M91	Bracket Assembly, Axle Support.....	1
14	196 049 M1	Bushing (2 x 2-1/8 x 1-7/8").....	1
15	13 223 X	Grease Fitting (1/8" P.T., 67-1/2°).....	1
16	182 538 M1	Plate, Front Axle Pivot Thrust.....	1
17	182 539 M1	Shim, Thrust Plate (.002").....	x
17	182 540 M1	Shim, Thrust Plate (.005").....	x
17	182 541 M1	Shim, Thrust Plate (.010").....	x
18	182 543 M91	Arm Assembly, Axle Extension, Right.....	1
19	196 060 M1	Bushing (1-1/4 x 1-7/16 x 1-1/2").....	2
20	13 811 X	Grease Fitting (1/4", 28 Str.).....	1
21	182 542 M91	Arm Assembly, Axle Extension, Left.....	1
22	196 060 M1	Bushing (1-1/4 x 1-7/16 x 1-1/2").....	2
23	13 811 X	Grease Fitting (1/4", 28 Str.).....	1
24	182 559 M91	Spindle Assembly, Right.....	1
25	182 560 M91	Spindle Assembly, Left.....	1
26	195 175 M1	Bearing, Thrust, Spindle (Timken #T-126).....	2
27	180 355 M1	Seal, Dust, Spindle.....	2
28	182 528 M1	Arm, Steering, Right.....	1
29	182 529 M1	Arm, Steering, Left.....	1
30	182 501 M1	Bolt, Axle Locking.....	4
31	11 157 X	Key (#D Woodruff, 5/16 x 1-1/4").....	2
32	353 261 X1	Bolt (3/8 x 1-3/8" NC, Hex.).....	1
34	354 123 X1	Nut (3/8" NC, Hex.).....	1
35	353 561 X1	Bolt (7/16 x 1-1/4" NF, Hex.).....	2
36	353 572 X1	Bolt (7/16 x 2-5/8" NF, Hex.).....	3
37	353 432 X1	Washer (7/16" Lock).....	5
38	353 426 X1	Nut (7/16" NF, Hex.).....	3
39	353 727 X1	Bolt (5/8 x 1-3/4" NC, Hex.).....	4
40	353 433 X1	Washer (5/8" Lock).....	4
41	353 435 X1	Nut (3/4" NF, Hex.).....	4

Note: x - in Right Hand Column - As Required.

HI-ARCH FRONT AXLE



HIGH-ARCH FRONT AXLE

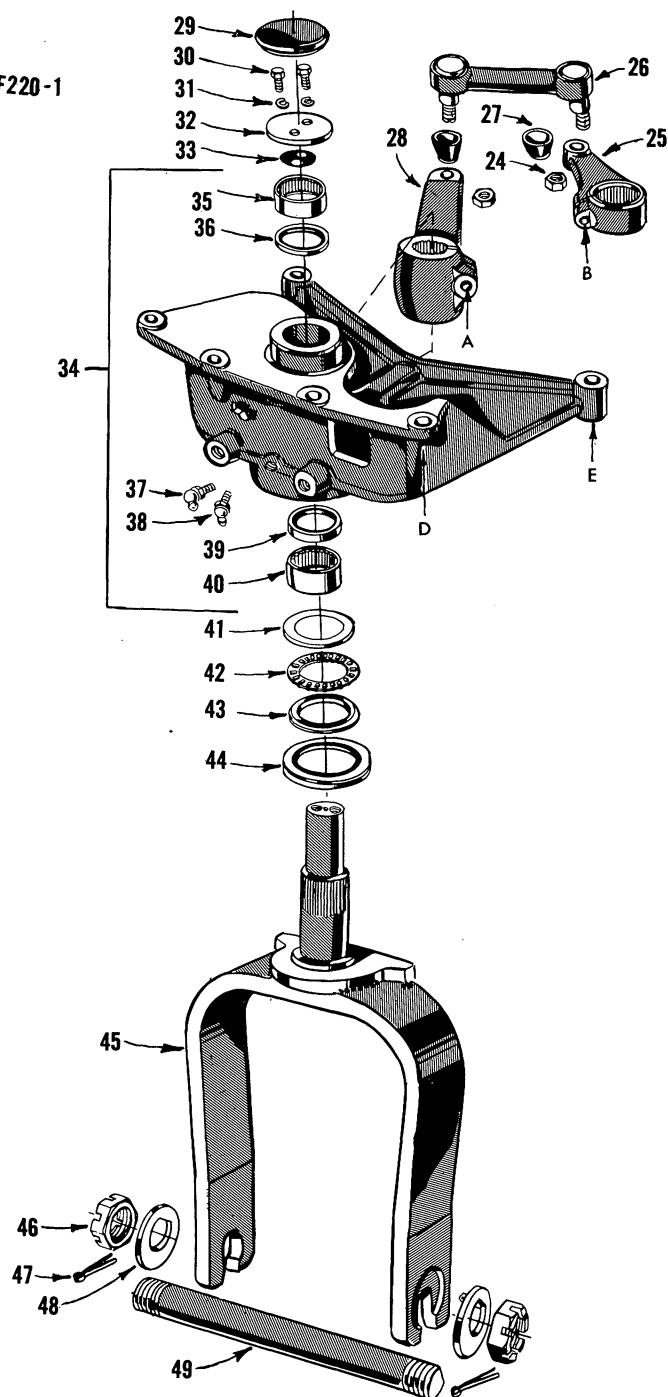
67

Ref. No.	Part No.	Description	No. Req.
1	182 515 M91	Stem Assembly, Tie Rod, Right.....	1
2	182 517 M91	Tube Assembly, Tie Rod, Right.....	1
3	182 507 M91	Stem Assembly, Tie Rod, Left.....	1
4	182 510 M91	Tube Assembly, Tie Rod, Left.....	1
5	196 058 M1	Set Screw, Tie Rod.....	2
6	196 100 M1	Seal, Dust, Tie Rod.....	3
7	353 429 X1	Nut, Tie Rod.....	3
8	182 519 M91	End Assembly, Tie Rod Adjusting.....	1
9	196 099 M1	Seal, Dust, Adjusting End.....	1
10	182 530 M1	Arm, Steering Crank.....	1
11	182 531 M91	Axle Assembly.....	1
12	196 050 M1	Bushing, Axle Pivot (in Main Support) (1-7/8 x 2 x 1-1/8").....	1
13	182 494 M91	Bracket Assembly, Axle Support.....	1
14	196 049 M1	Bushing (2 x 2-1/8 x 1-7/8").....	1
15	13 223 X	Grease Fitting (1/8" P.T., 67-1/2°).....	1
16	182 538 M1	Plate, Front Axle Pivot Thrust.....	1
17	182 539 M1	Shim, Thrust Plate (.002").....	x
17	182 540 M1	Shim, Thrust Plate (.005").....	x
17	182 541 M1	Shim, Thrust Plate (.010").....	x
18	182 566 M91	Arm Assembly, Axle Extension, Right.....	1
19	196 060 M1	Bushing (1-1/4 x 1-7/16 x 1-1/2").....	2
20	13 811 X	Grease Fitting (1/4", 28 Str.).....	1
21	182 567 M91	Arm Assembly, Axle Extension, Left.....	1
22	196 060 M1	Bushing (1-1/4 x 1-7/16 x 1-1/2").....	2
23	13 811 X	Grease Fitting (1/4", 28 Str.).....	1
24	182 557 M91	Spindle Assembly, Right.....	1
25	182 558 M91	Spindle Assembly, Left.....	1
26	195 175 M1	Bearing, Thrust, Spindle (Timken #T-126).....	2
27	180 355 M1	Seal, Dust, Spindle.....	2
28	182 528 M1	Arm, Steering, Right.....	1
29	182 529 M1	Arm, Steering, Left.....	1
30	182 501 M1	Bolt, Axle Locking.....	4
31	11 157 X	Key (#D Woodruff, 5/16 x 1-1/4").....	2
32	353 261 X1	Bolt (3/8 x 1-3/8" NC, Hex.).....	1
34	354 123 X1	Nut (3/8" NC, Hex.).....	1
35	353 561 X1	Bolt (7/16 x 1-1/4" NF, Hex.).....	2
36	353 572 X1	Bolt (7/16 x 2-5/8" NF, Hex.).....	3
37	353 432 X1	Washer (7/16" Lock).....	5
38	353 426 X1	Nut (7/16" NF, Hex.).....	3
39	353 727 X1	Bolt (5/8 x 1-3/4" NF, Hex.).....	4
40	353 433 X1	Washer (5/8" Lock).....	4
41	353 435 X1	Nut (5/8" NF, Hex.).....	4

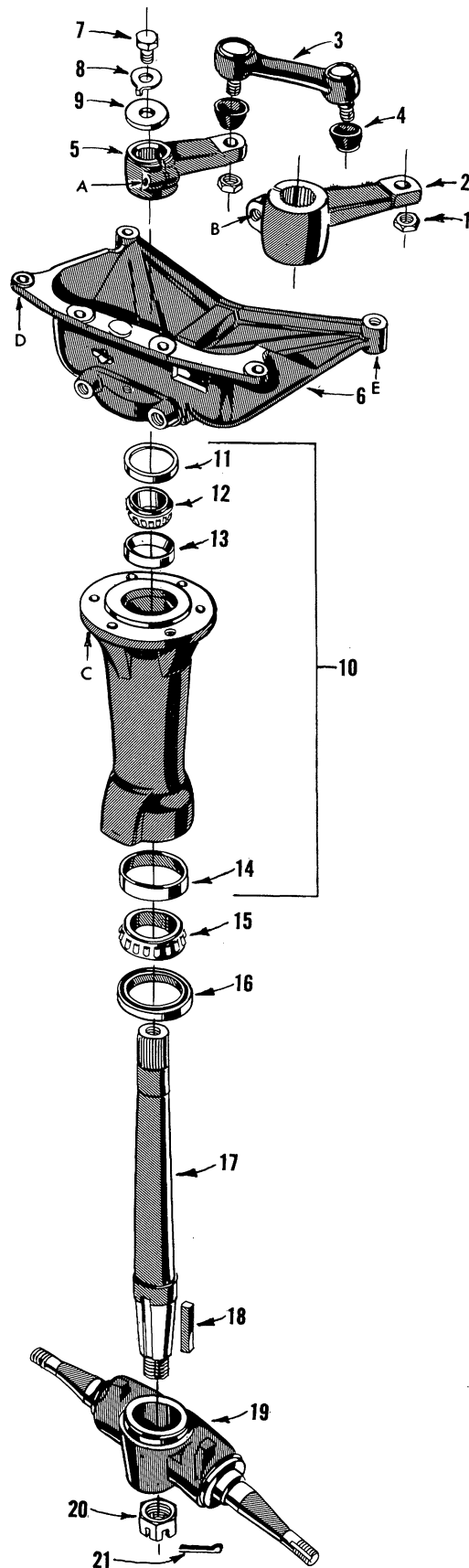
Note: x - in Right Hand Column - As Required.

FRONT AXLE, TWIN AND SINGLE WHEEL

F220-1



A	B	C	D	E
50	51	53	55	56
52	52	54	57	57

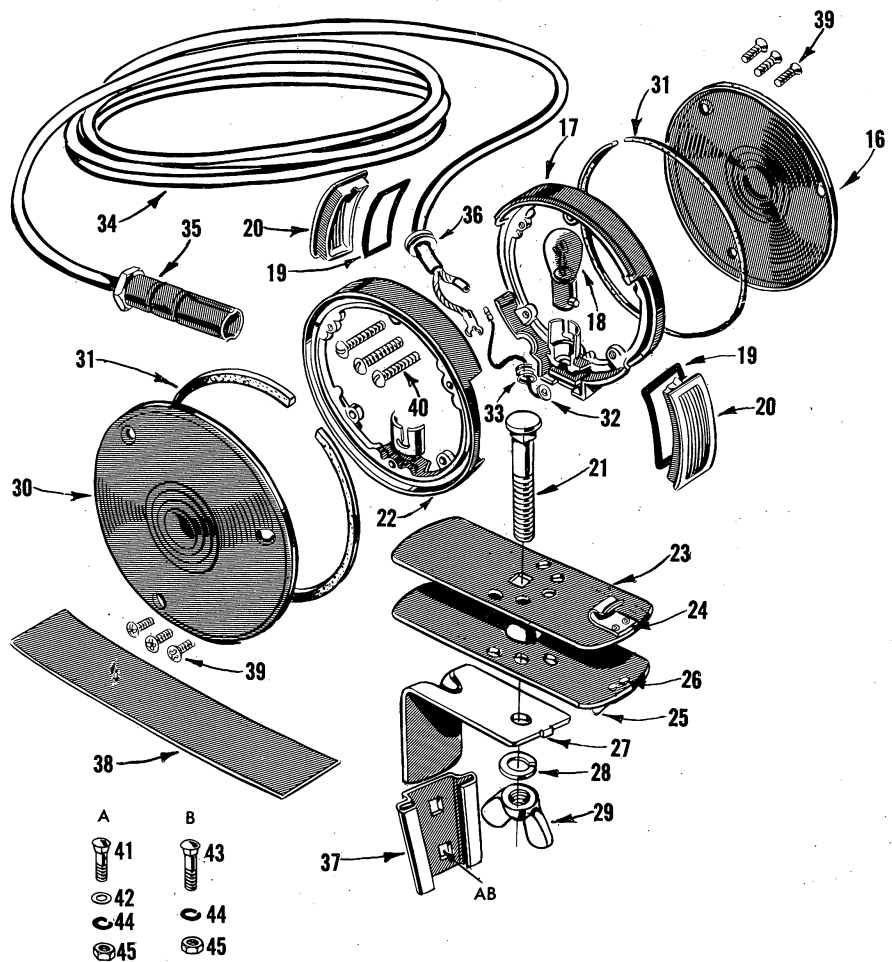
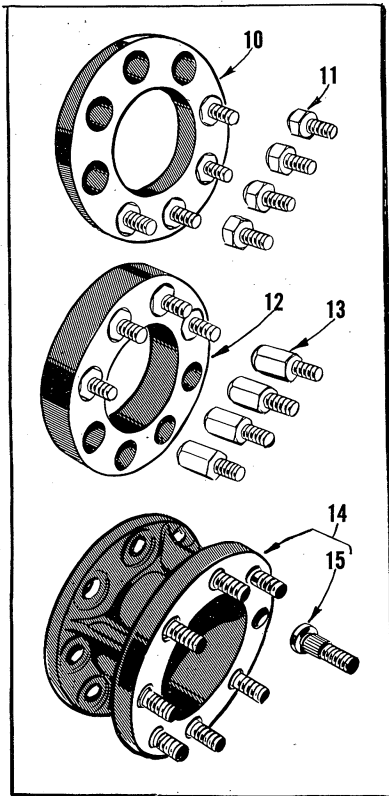
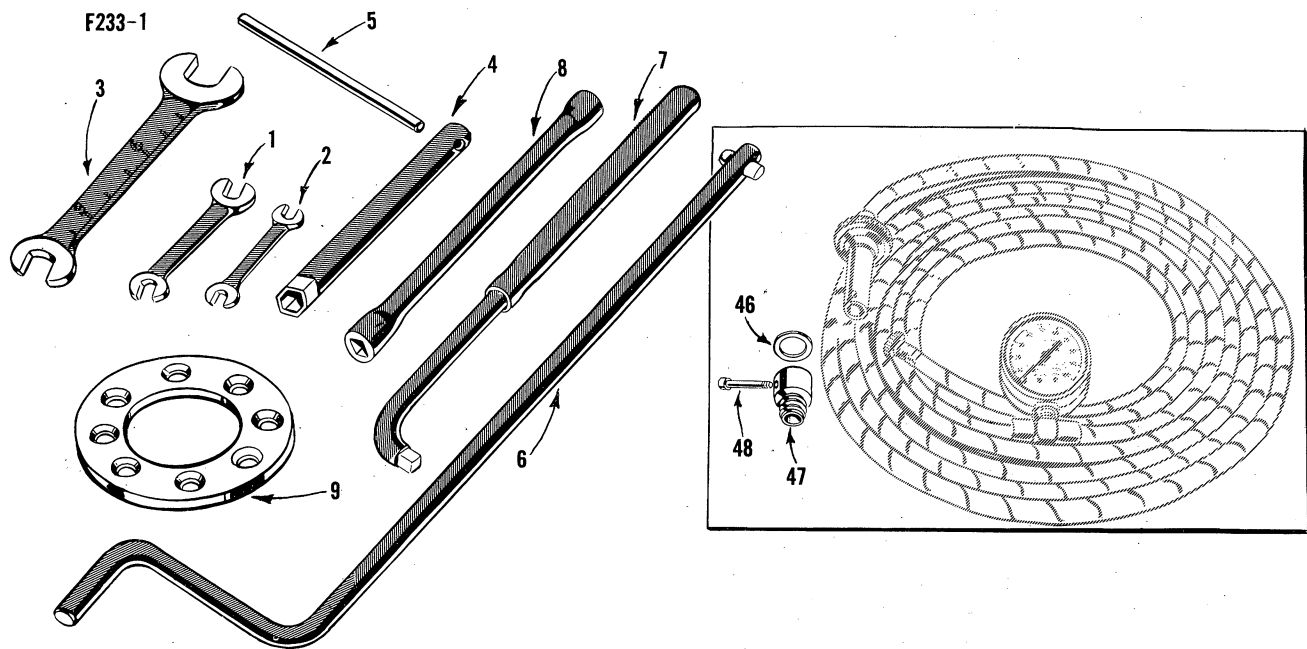


FRONT AXLE, TWIN AND SINGLE WHEEL

69

Ref. No.	Part No.	Description	No. Req.
1	353 429 X1	Nut (5/8" NF, Hex., Jam).....	2
2	182 594 M1	Arm, Main Steering.....	1
3	182 596 M91	Link Assembly.....	1
4	196 100 M1	Seal.....	2
5	182 593 M1	Arm, Steering.....	1
6	182 590 M1	Support, Intermediate, Twin Wheel.....	1
7	353 609 X1	Bolt (5/8 x 1-1/4" NF, Hex.).....	1
8	182 600 M1	Washer (Special).....	1
9	196 071 M1	Washer (21/32 x 2 x 3/16" Flat).....	1
10	182 591 M91	Pedestal Assembly, Twin Wheel.....	1
11	195 764 M1	Seal (2-3/32 x 2-3/4 x 13/32").....	1
12	195 756 M91	Bearing Cone (Timken #13686).....	1
13	22 626 X	Bearing Cup (Timken #13621).....	1
14	196 068 M1	Bearing Cup.....	1
15	16 012 X	Bearing Cone.....	1
16	196 069 M1	Seal.....	1
17	182 595 M1	Shaft, Spindle.....	1
18	196 070 M1	Key.....	1
19	182 597 M91	Spindle Assembly.....	1
20	353 931 X1	Nut (1-1/4" NF, Sltd. Hex.).....	1
21	354 095 X1	Pin (1/4 x 2-1/2" Cotter).....	1
24	353 429 X1	Nut (5/8" NF, Hex., Jam).....	2
25	182 594 M1	Arm, Main Steering.....	1
26	182 596 M91	Link Assembly.....	1
27	196 100 M1	Seal.....	1
28	182 646 M1	Arm, Steering.....	1
29	182 630 M1	Cap, Dust.....	1
30	353 559 X1	Screw (7/16 x 1" NC, Cap).....	2
31	353 432 X1	Washer (7/16" Lock).....	2
32	182 644 M1	Washer, Thrust.....	1
33	182 668 M1	Shim (.002" Thick).....	x
33	182 669 M1	Shim (.005" Thick).....	x
33	182 670 M1	Shim (.010" Thick).....	x
34	182 645 M91	Support Assembly, Single Wheel.....	1
35	196 080 M1	Bearing, Needle (Torrington #B-2824-OH).....	1
36	196 089 M1	Seal, Oil (1-3/4 x 2-1/8 x 3/16").....	1
37	15 438 X	Grease Fitting.....	1
38	13 533 X	Grease Fitting (1/8" P.T., 90°).....	1
39	196 090 M1	Seal, Oil (2-1/8 x 2-1/2 x 3/16").....	1
40	196 081 M1	Bearing, Needle (Torrington #B-3424-OH).....	1
41	182 677 M1	Race, Bearing (2-1/4 x 3 x 3/32").....	1
42	196 131 M1	Bearing, Needle.....	1
43	182 676 M1	Race, Bearing (2-1/8 x 3 x 1/8").....	1
44	196 093 M1	Seal, Oil (2-7/8 x 3-3/4 x 1/4").....	1
45	182 649 M91	Yoke and Shaft Assembly.....	1
46	15 846 A	Nut, Sltd. Hex.....	2
47	354 416 X1	Pin (3/16 x 2-1/2" Cotter).....	2
48	15 840 A	Washer.....	2
49	182 629 M1	Shaft, Axle.....	1
50	353 700 X1	Screw (7/16 x 1-1/4" NC, Cap).....	x
51	353 702 X1	Screw (7/16 x 1-1/2" NC, Cap).....	x
52	353 432 X1	Washer (7/16" Lock).....	x
53	353 724 X1	Screw (1/2 x 1-1/2" NC, Cap).....	x
54	353 439 X1	Washer (1/2" Lock).....	x
55	354 283 X1	Screw (5/8 x 1-7/8" NC, Cap).....	x
56	354 289 X1	Screw (5/8 x 3" NC, Cap).....	x
57	353 433 X1	Washer (5/8" Lock).....	x

Note: x - in Right Hand Column - As Required.



TOOLS AND MISCELLANEOUS EQUIPMENT

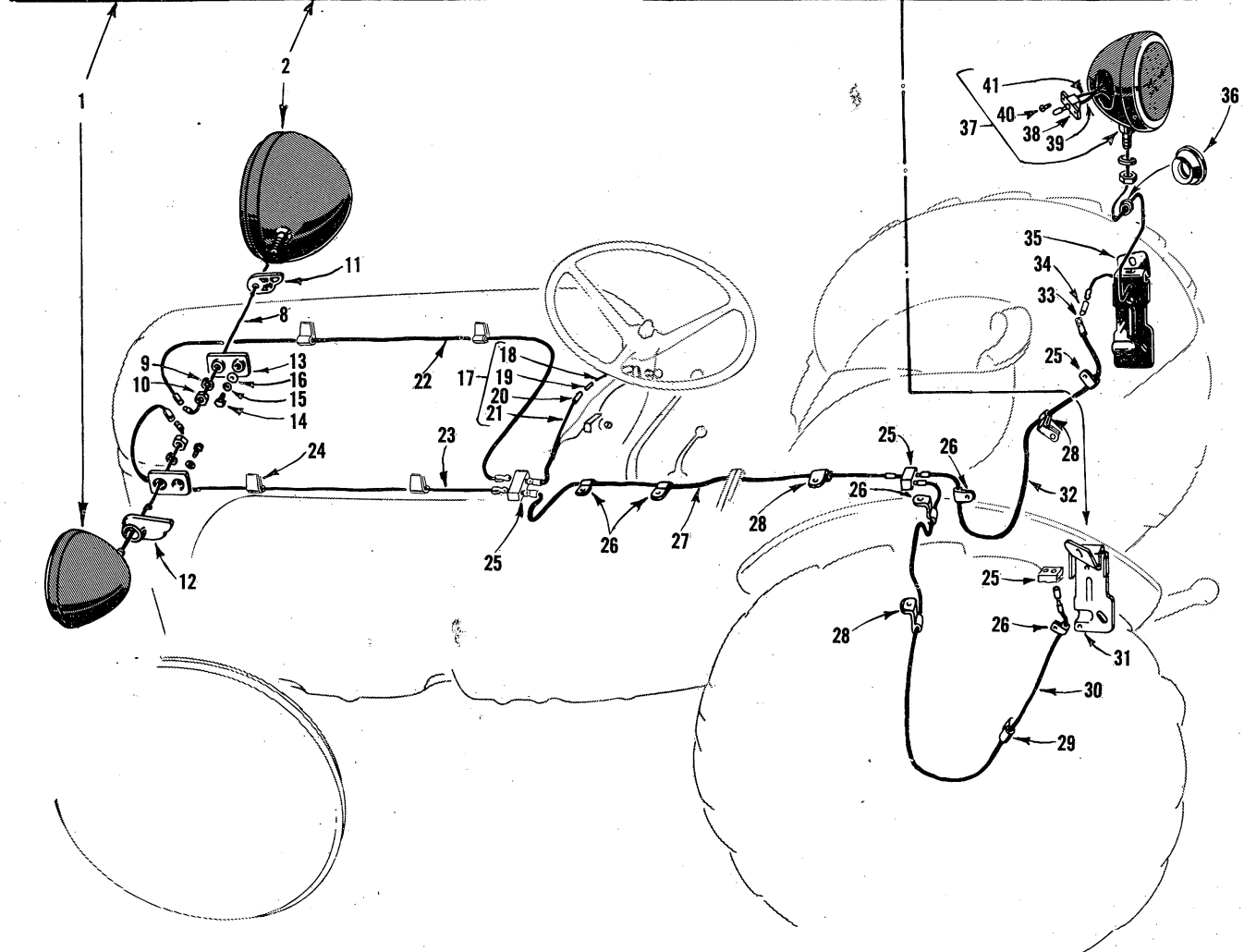
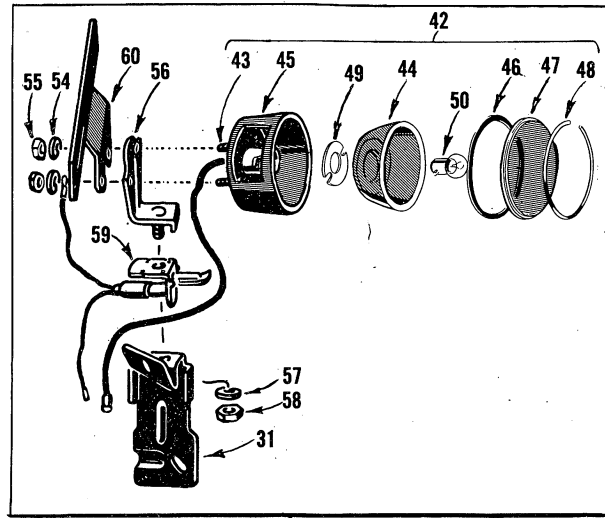
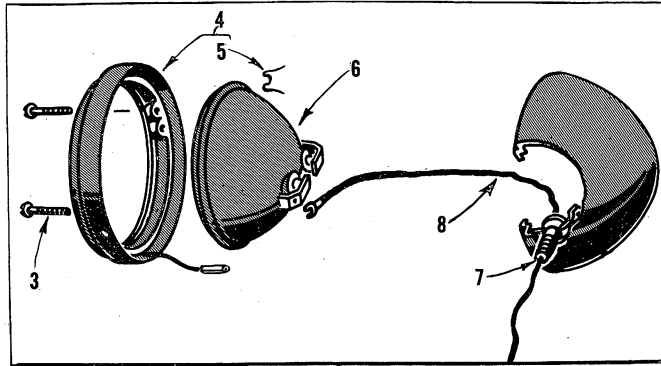
71

Ref. No.	Part No.	Description	No. Req.
1	180 089 M1	Wrench, Open Ends (1/2 x 9/16").....	x
2	180 090 M1	Wrench, Open Ends (3/8 x 7/16").....	x
3	180 108 M1	Wrench, Open Ends (11/16 x 1-1/16").....	x
4	180 091 M1	Wrench, Socket, Spark Plug (7/8").....	x
5	180 092 M1	Bar, Socket Wrench.....	x
6	182 613 M1	Crank.....	x
7	182 093 M91	Handle Assembly, Power Adjusted Rear Wheel.....	x
8	182 096 M1	Wrench, Socket, Power Adjusted Rear Wheel.....	x
9	182 718 M1	Washer, Power Adjusted Rear Wheel Spacer.....	2
10	181 768 M1	Spacer, 10", Dual Wheel.....	2
11	180 722 M1	Nut, Special, Wheel Spacer.....	16
12	181 769 M1	Spacer, 11", Dual Wheel.....	2
13	181 770 M1	Nut, Special, Wheel Spacer.....	16
14	183 070 M91	Spacer, Wheel.....	2
15	183 002 M1	Bolt, Wheel Spacer.....	8
16	1 751 507 M1	Lens, Amber.....	1
17	1 751 491 M1	Body, Male Half.....	1
18	1 751 483 M1	Bulb, 12 Volt.....	1
19	1 751 499 M1	Gasket, Outlook Lens.....	2
20	1 751 496 M1	Lens, Outlook.....	2
21	1 751 500 M1	Stud, Mounting.....	1
22	1 751 492 M1	Body, Female Half.....	1
23	1 751 505 M91	Spool Assembly, Cable.....	1
24	1 751 502 M1	Clip, Cable.....	1
25	1 751 504 M1	Clip, Socket.....	1
26	1 751 710 M1	Rivet.....	4
27	1 751 495 M1	Bracket, Mounting.....	1
28	353 432 X1	Washer (7/16" Lock).....	1
29	355 595 X1	Nut, Wing.....	1
30	1 751 506 M1	Lens, Red.....	1
31	1 751 489 M1	Gasket, Tail Lamp.....	2
32	1 751 486 M91	Cable Assembly, Socket.....	1
33	1 751 484 M1	Spring, Cable.....	1
34	1 751 497 M91	Cable Assembly, Main.....	1
35	1 750 236 M91	Plug Assembly.....	1
36	1 751 488 M1	Grommet, Main Cable.....	1
37	542 748 M1	Bracket, Lamp.....	x
38	1 751 707 M1	Tape, Scotch Lite (2 x 8").....	x
39	1 751 711 M1	Screw, Lens Retaining (#8 - 32 x 5/8").....	x
40	1 751 751 M1	Screw, Body Retaining (#8 - 32 x 1").....	x
41	353 790 X1	Bolt, Bracket to Tail Light Bracket. (5/16 x 1/2" NF, Carr.).....	x
42	353 771 X1	Washer (3/8" Large Flat).....	x
43	353 791 X1	Bolt, Bracket to Implement (5/16 x 5/8" NF, Carr.):.....	x
44	353 446 X1	Washer (5/16" Lock).....	x
45	353 916 X1	Nut (5/16" NF, Hex.).....	x
46	1 750 598 M1	Washer, Adapter, Rubber (Tire Pump).....	1
47	1 750 597 M1	Adapter, 18 MM (Tire Pump).....	1
48	1 750 600 M1	Screw, Adapter Retaining (Tire Pump).....	1

Note: x - in Right Hand Column - As Required.

LIGHTING EQUIPMENT

F217-1

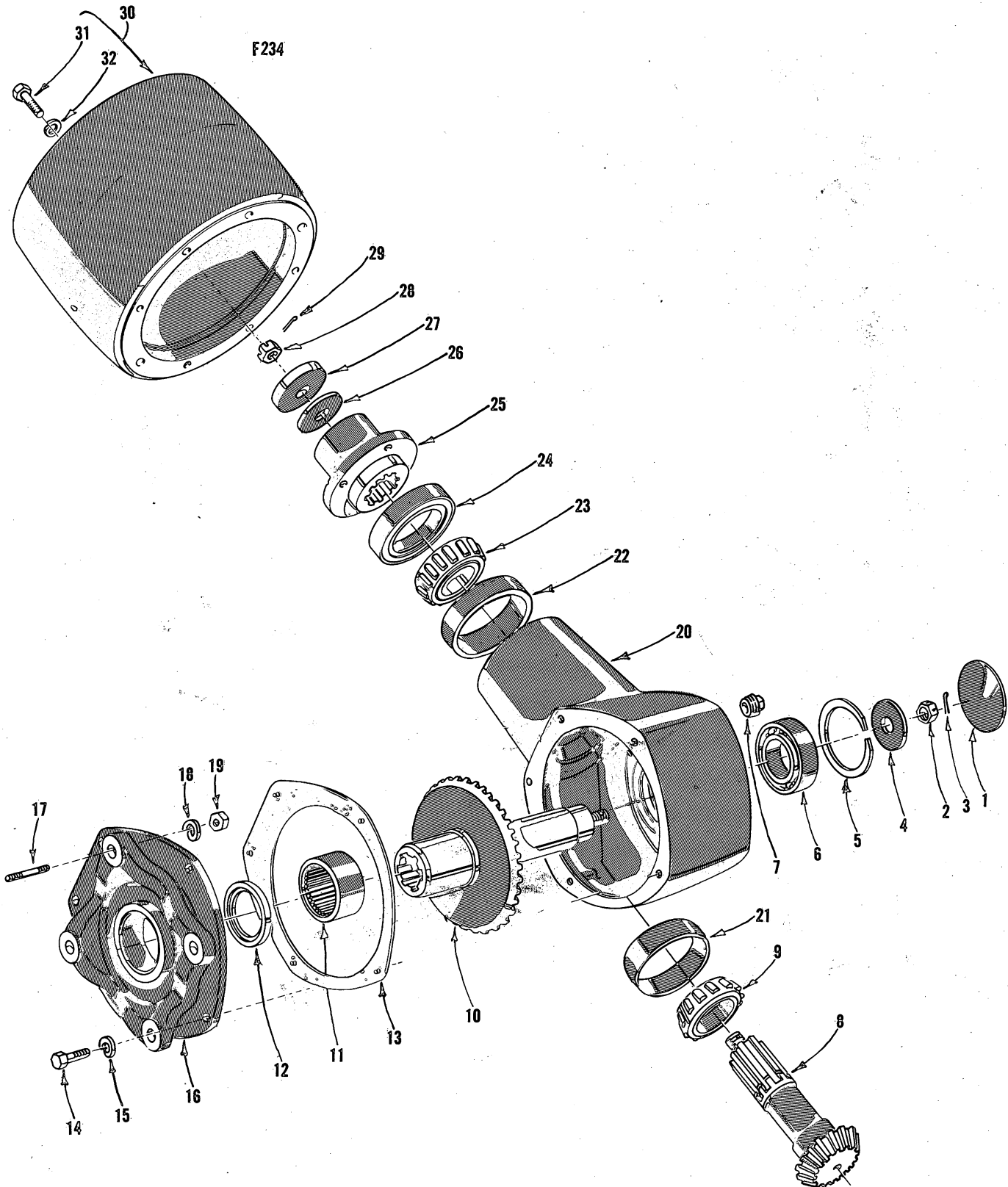


LIGHTING EQUIPMENT

73

Ref. No.	Part No.	Description	No. Req.
1	182 927 M91	Head Lamp Assembly, Left Hand.....	1
2	182 928 M91	Head Lamp Assembly, Right Hand.....	1
3	353 979 X1	Screw (5/32 x 1-1/4" NC, Rd. Hd.).....	1
4	830 699 M91	Bezel Kit.....	1
5	1 750 642 M1	Spring, Head Lamp Mounting.....	4
6	1 751 347 M91	Bulb Assembly, Head Lamp.....	1
7	1 751 524 M1	Bolt, Lamp Mounting.....	1
8	1 750 650 M91	Wire Assembly, Lamp.....	1
9	353 439 X1	Washer (1/2" Lock).....	2
10	353 438 X1	Nut (1/2" NF, Hex., Jam).....	2
11	1 750 675 M1	Medallion, Head Lamp Mounting, Right Hand.....	1
12	1 750 676 M1	Medallion, Head Lamp Mounting, Left Hand.....	1
13	1 751 760 M1	Reinforcement, Head Lamp Bracket.....	2
14	353 514 X1	Bolt, Reinforcement to Medallion (5/16 x 3/8" NF, Hex.).....	2
15	353 446 X1	Washer (5/16" Lock).....	2
16	353 755 X1	Washer (5/16" Small Flat).....	2
17	1 751 756 M91	Wire Assembly, Switch to Lights.....	1
18	1 751 758 M91	Wire Assembly, Switch to Fuse.....	1
19	1 750 613 M1	Spring, Fuse Contact.....	1
20	1 750 614 M1	Retainer, Fuse.....	1
21	1 751 757 M91	Wire Assembly, Fuse to Lights.....	1
22	183 081 M91	Wiring, Head Lamp, Right Hand.....	1
23	183 082 M91	Wiring, Head Lamp, Left Hand.....	1
24	1 751 771 M1	Clamp, Wire to Hood.....	4
25	1 751 618 M91	Connector Assembly, Four Way.....	3
26	180 746 M1	Clip, Wiring.....	5
27	1 750 616 M91	Wire Assembly, Rear, Main Lamp.....	1
28	1 750 679 M1	Clamp, Wire.....	3
29	1 750 678 M1	Clip, Wiring.....	4
30	1 750 786 M91	Wire Assembly, Tail Lamp.....	1
31	1 750 674 M1	Bracket, Sltd., Tail Lamp.....	1
32	1 751 769 M91	Wire Assembly, Work Lamp.....	1
33	1 750 607 M1	Sleeve, Wire Connector.....	x
34	1 750 623 M91	Connector and Sleeve Assembly.....	x
35	1 750 673 M1	Bracket, Sltd., Work Lamp.....	1
36	1 750 677 M1	Medallion, Work Lamp.....	1
37	182 929 M91	Work Lamp Assembly, Rear.....	1
	830 699 M91	Bezel Kit.....	1
	1 750 642 M1	Spring.....	1
	1 751 347 M91	Bulb.....	1
	1 751 524 M1	Bolt, Lamp Mounting.....	1
38	1 750 656 M1	Switch, Toggle.....	1
39	1 750 687 M91	Wire, Circuit to Switch.....	1
40	353 975 X1	Screw, Switch to Body (5/32 x 1/4" NC, Rd. Hd.).....	2
41	1 750 657 M91	Wire, Switch to Light Unit.....	1
42	1 751 823 M91	Tail Lamp Assembly.....	1
43	1 751 835 M1	Screw, Bracket to Tail Lamp.....	2
44	1 751 833 M1	Lens, License.....	1
45	1 751 829 M91	Body and Cable Assembly.....	1
46	1 751 836 M1	Gasket, Tail Lamp.....	1
47	1 751 837 M1	Lens, Tail Lamp.....	1
48	1 751 838 M1	Spring, Lens Retaining.....	1
49	1 751 834 M1	Gasket, Tail Lamp, Rear.....	1
50	22 131 X	Bulb, Tail Lamp.....	1
54	353 441 X1	Washer (1/4" Lock).....	2
55	354 121 X1	Nut (1/4" NC, Hex.).....	2
56	1 751 825 M91	Support Assembly, Tail Lamp.....	1
57	353 432 X1	Washer (7/16" Lock).....	1
58	353 426 X1	Nut (7/16" NF, Hex.).....	1
59	1 751 353 M1	Socket, Auxiliary Light.....	1
	1 751 606 M1	Boot, Auxiliary Light.....	1
60	181 801 M91	Bracket Assembly, License.....	1

Note: x - in Right Hand Column - As Required.



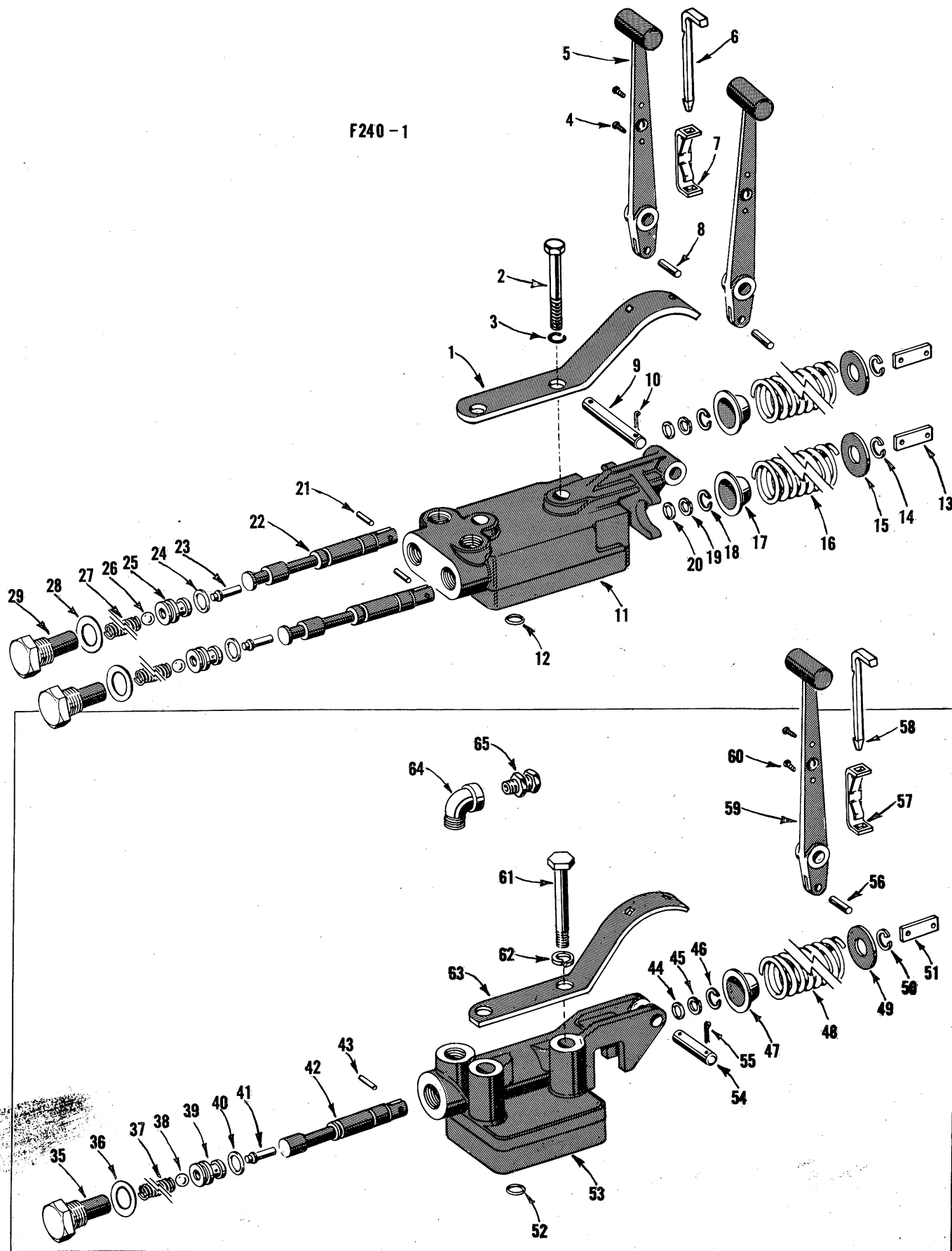
PULLEY AND DRIVE

75

<u>Ref.</u> <u>No.</u>	<u>Part No.</u>	<u>Description</u>	<u>No.</u> <u>Req.</u>
1	19 467 X	Plug, Expansion.....	1
2	353 925 X1	Nut (7/16" NF, Sltd. Hex.).....	1
3	354 050 X1	Pin, Cotter (3/32 x 1").....	1
4	667 556 M1	Washer, Drive Gear.....	1
5	195 682 M1	Ring, Snap.....	1
6	AT 1 040	Bearing, Ball.....	1
7	195 251 M1	Plug (3/4" Pipe, Sq. Hd.).....	1
8	180 019 M1	Pinion, Pulley Drive.....	1
9	15 853 X	Cone, Bearing (Timken #25877).....	1
10	180 016 M91	Gear Assembly, Pulley Drive.....	1
11	195 472 M1	Bearing, Needle (Torrington #B-28160H).....	1
12	195 473 M1	Seal, Oil (1-3/4 x 2-1/8 x 3/16").....	1
13	180 021 M1	Gasket, Bearing Housing.....	1
14	353 698 X1	Screw, Cap, Bearing Housing to Housing (7/16 x 1" NC).....	5
15	353 432 X1	Washer (7/16" Lock).....	5
16	180 015 M1	Housing, Input Bearing.....	1
17	353 964 X1	Stud, Pulley Drive to Reduction Gear (7/16 x 1-7/8" NC-NF).....	4
18	353 432 X1	Washer (7/16" Lock).....	4
19	353 426 X1	Nut (7/16" NF, Hex.).....	4
20	180 013 M91	Housing Assembly, Pulley Drive.....	1
21	15 854 X	Cup, Bearing (Timken #25820).....	1
22	16 234 X	Cup, Bearing (Timken #14276).....	1
23	GK 4-203	Cone, Bearing (Timken #14137A).....	1
24	195 474 M1	Seal, Oil (2 x 2-3/4 x 1/2").....	1
25	180-020 M1	Hub, Pulley Drive Pinion.....	1
26	195 527 M1	Seal, Oil, Pinion Shaft (7/8 x 1-5/8 x 1/8").....	1
27	675 222 M1	Washer, Pinion Shaft.....	1
28	353 928 X1	Nut Hub to Pinion (3/4" NF, Sltd. Hex.).....	1
29	354 070 X1	Pin, Cotter (5/32 x 1-1/2").....	1
30	677 702	Pulley Assembly, Fiber.....	1
31	353 558 X1	Bolt, Pulley to Hub (7/16 x 7/8" NF, Hex. Hd.).....	4
32	353 432 X1	Washer (7/16" Lock).....	4

HYDRAULIC VALVES

F240-1



DUAL CONTROL

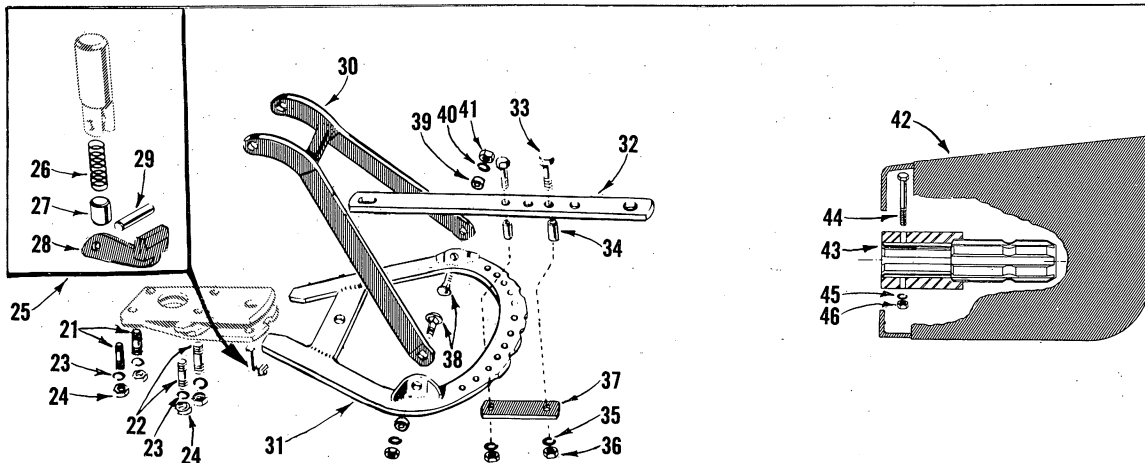
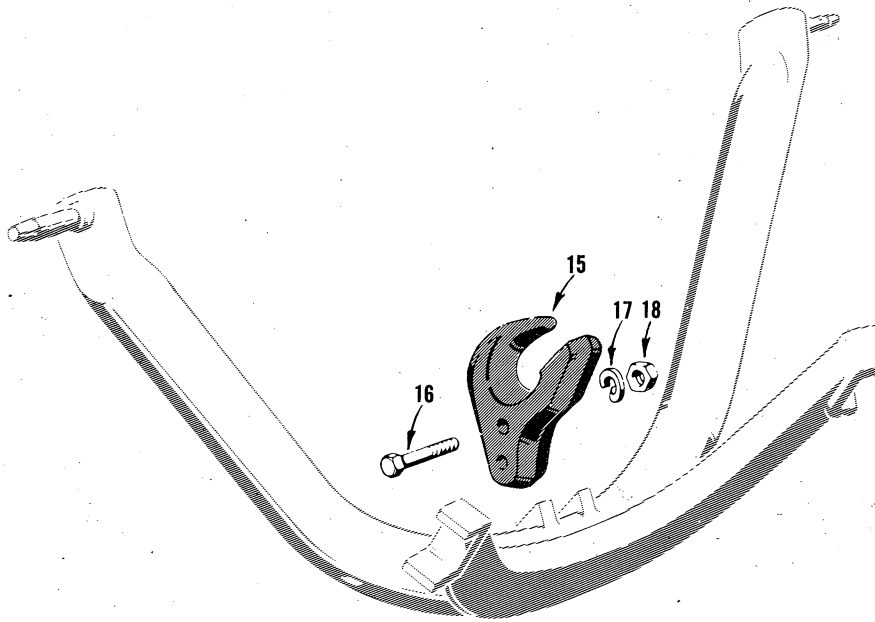
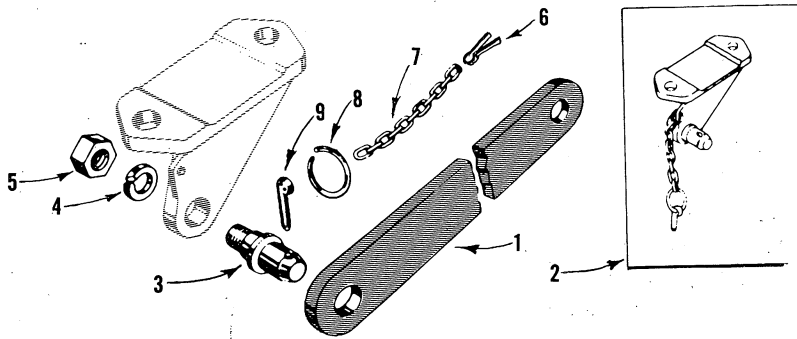
Ref. No.	Part No.	Description	No. Req.
1	667 217 M1	Bracket, Detent.....	1
2	353 715 X1	Screw, Cap (7/16 x 3-1/8" NC)(Body to Lift Cover).....	2
3	353 432 X1	Washer (7/16" Lock).....	2
4	195 935 M1	Screw, Self-Tapping (Guide to Handle)(#8 x 1/2").....	2
5	667 175 M1	Handle.....	2
6	667 172 M1	Detent.....	1
7	668 300 M91	Guide Assembly, Pin.....	1
8	22 677 X	Pin, Roll.....	2
9	667 216 M1	Pin, Handle.....	1
10	354 046 X1	Pin, Cotter (3/32 x 1/2").....	1
11	667 221 M91	Body Assembly, Dual Control.....	1
12	195 869 M1	"O" Ring (7/16 x 9/16 x 1/16").....	3
13	667 150 M1	Link, Connector.....	2
14	195 986 M1	Ring, Snap.....	2
15	195 866 M1	Washer, Spring, Front.....	2
16	667 159 M1	Spring, Spool.....	2
17	668 328 M1	Washer, Spring, Rear.....	2
18	195 986 M1	Ring, Snap.....	2
19	195 874 M1	Washer, Backup.....	2
20	195 561 M1	"O" Ring (3/8 x 1/2 x 1/16").....	2
21	22 677 X	Pin, Roll.....	2
22	667 218 M1	Spool, Dual Control Valve.....	2
23	667 161 M1	Valve, Variable.....	2
24	195 868 M1	"O" Ring (1/2 x 5/8 x 1/16").....	2
25	667 158 M1	Body, Variable Valve.....	2
26	13 535 X	Ball, Steel.....	2
27	667 151 M1	Spring, Ball Check.....	2
28	195 889 M1	Seal, Cap Assembly.....	2
29	667 181 M91	Cap Assembly, Spring Retainer.....	2

SINGLE CONTROL

35	667 181 M91	Cap Assembly, Spring Retainer.....	1
36	195 889 M1	Seal, Cap Assembly.....	1
37	667 151 M1	Spring, Ball Check.....	1
38	13 535 X	Ball, Steel.....	1
39	667 158 M1	Body, Variable Valve.....	1
40	195 868 M1	"O" Ring (1/2 x 5/8 x 1/16").....	1
41	667 161 M1	Valve, Variable.....	1
42	668 338 M1	Spool.....	1
43	22 677 X	Pin, Roll.....	1
44	195 561 M1	"O" Ring (3/8 x 1/2 x 1/16").....	1
45	195 874 M1	Washer, Backup.....	1
46	195 986 M1	Ring, Snap.....	1
47	668 328 M1	Washer, Spring, Rear.....	1
48	667 159 M1	Spring, Spool.....	1
49	195 866 M1	Washer, Spring, Front.....	1
50	195 986 M1	Ring, Snap.....	1
51	667 150 M1	Link, Connector.....	1
52	195 869 M1	"O" Ring (7/16 x 9/16 x 1/16").....	3
53	668 339 M1	Body Assembly, Valve.....	1
54	668 301 M1	Pin, Handle.....	1
55	354 048 X1	Pin, Cotter (3/32 x 3/4").....	2
56	22 677 X	Pin, Roll.....	1
57	668 300 M91	Guide Assembly, Pin.....	1
58	667 172 M1	Detent.....	1
59	667 175 M1	Handle.....	1
60	195 935 M1	Screw, Self-Tapping (Guide to Handle)(#8 x 1/2").....	2
61	353 715 X1	Screw, Cap (7/16 x 3-1/8" NC)(Body to Tractor).....	2
62	353 432 X1	Washer (7/16" Lock).....	2
63	667 178 M1	Bracket, Detent.....	1
64	195 929 M1	Elbow (3/8" N.P.T.F. x 90° Street).....	1
65	195 386 M1	Union Adapter (3/8" N.P.T.F.).....	1

STABILIZER, HITCH LIFT AND SWINGING DRAWBAR "UTILITY"

F 242



STABLIZER

79

Ref. No.	Part No.	Description	No. Req.
1	181 778 B1	Link, Stay (33-7/8" Long, Utility Tractor).....	2
1	182 606 M1	Link, Stay (39-1/8" Long, Hi-Clearance Tractor).....	2
2	181 775 A91	Bracket, Anchor and Linch Pin Assembly, Right Hand.....	1
	181 776 A91	Bracket, Anchor and Linch Pin Assembly, Left Hand (Not Illustrated).....	1
3	181 777 M1	Pin, Link, Stay Anchor.....	1
4	353 433 X1	Washer (5/8" Lock).....	1
5	353 427 X1	Nut (5/8" NF, Hex.).....	1
6	354 089 X1	Pin (1/4 x 1-1/4" Cotter).....	1
7	195 339 M1	Chain (6 Links).....	1
8	195 347 M1	Ring, Linch Pin Locking.....	1
9	195 346 M1	Pin, Linch.....	1

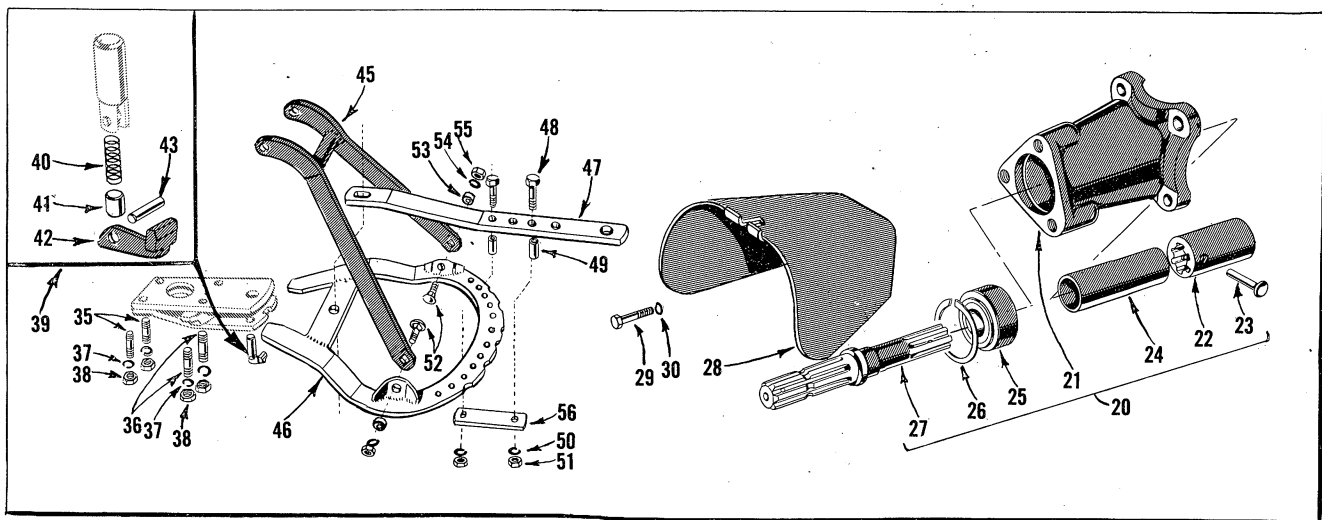
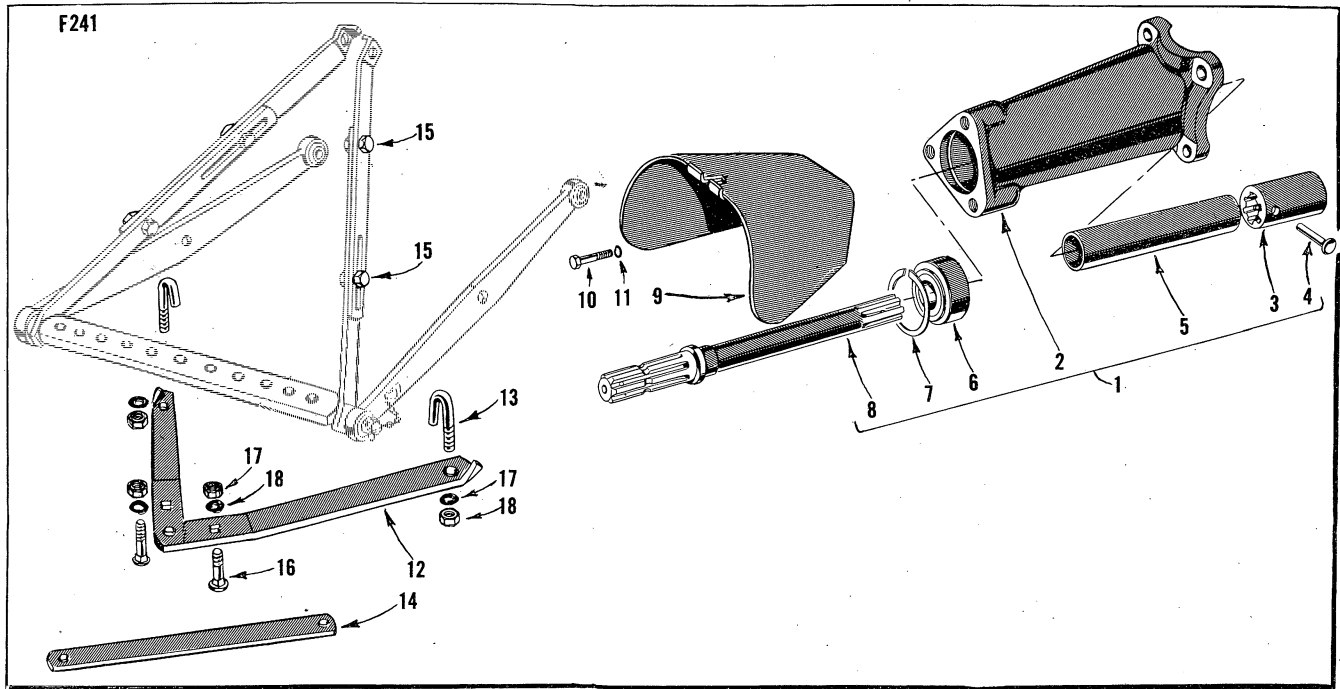
HITCH LIFT

15	670 054 M1	Hook, Detachable.....	1
16	353 889 X1	Bolt (1/2 x 2-7/8" NF, Hex. Hd.).....	2
17	353 439 X1	Washer (1/2" Lock).....	2
18	353 437 X1	Nut (1/2" NF, Hex.).....	2

SWINGING DRAWBAR "UTILITY"

21	181 757 M1	Stud, Clevis to Center Housing (5/8 x 2-9/16" NF-NC).....	2
22	181 756 M1	Stud, Clevis to Center Housing (5/8 x 3-3/4" NF-NC).....	2
23	353 433 X1	Washer (5/8" Lock).....	x
24	353 427 X1	Nut (5/8" NF, Hex.).....	x
25	181 758 M91	Pin Assembly, Drawbar Clevis.....	1
26	181 759 M1	Spring, Latch.....	1
27	181 760 M1	Detent, Latch.....	1
28	181 761 M1	Lever, Latch.....	1
29	195 794 M1	Pin, Groove.....	1
30	181 767 R91	Strut Assembly.....	1
31	181 766 R91	Guide Assembly.....	1
32	181 765 R1	Drawbar, Swinging.....	1
33	353 599 X1	Bolt (1/2 x 2" NF, Hex. Hd.).....	2
34	181 763 M1	Spacer (1/2 x 3/4 x 7/8").....	2
35	353 439 X1	Washer (1/2" Lock).....	2
36	353 437 X1	Nut (1/2" NF, Hex.).....	2
37	181 764 A1	Plate, Drawbar Guide.....	1
38	353 855 X1	Bolt (1/2 x 1-1/4" NF, Carr.).....	2
39	181 762 M1	Spacer (1/2 x 3/4 x 1/4").....	2
40	353 758 X1	Washer (1/2" Flat).....	2
41	353 437 X1	Nut (1/2" NF, Hex.).....	2
42	181 774 B91	Guard Assembly.....	1
43	182 014 M91	Shaft Assembly, Extension.....	1
44	353 529 X1	Bolt (5/16 x 2-1/4" NF, Hex. Hd.).....	1
45	353 446 X1	Washer (5/16" Lock).....	1
46	353 916 X1	Nut (5/16" NF, Hex.).....	1

Note: x - in Right Hand Column - As Required.



P. T. O. KIT, EXTENSION DRAWBAR

Ref. No.	Part No.	Description	No. Req.
1	182 791 M91	P.T.O. Extension Assembly, Long.....	1
2	182 790 M1	Housing, P.T.O. Shaft Extension.....	1
3	181 282 M1	Sleeve, P.T.O. Extension.....	1
4	16 928 X	Rivet, Sleeve to Shaft (3/8 x 2-1/4" Rd. Hd.).....	1
5	182 786 M1	Spacer.....	1
6	196 095 M1	Bearing, Ball.....	1
7	196 096 M1	Ring, Snap.....	1
8	182 789 M1	Shaft.....	1
9	181 289 M91	Guard Assembly.....	1
10	353 698 X1	Screw (7/16 x 1" NC, Cap).....	3
11	353 432 X1	Washer (7/16" Lock).....	3
12	182 803 M91	Extension Assembly, Drawbar.....	1
13	182 811 M1	Bolt, Hook.....	2
14	182 812 M1	Brace, Stay.....	2
15	353 564 X1	Bolt, Brace to Upper Links (7/16 x 1-5/8" NF).....	4
16	353 867 X1	Bolt (5/8 x 2-1/2" NF, Carr.).....	2
17	353 433 X1	Washer (5/8" Lock).....	2
18	353 427 X1	Nut (5/8" NF, Hex.).....	2

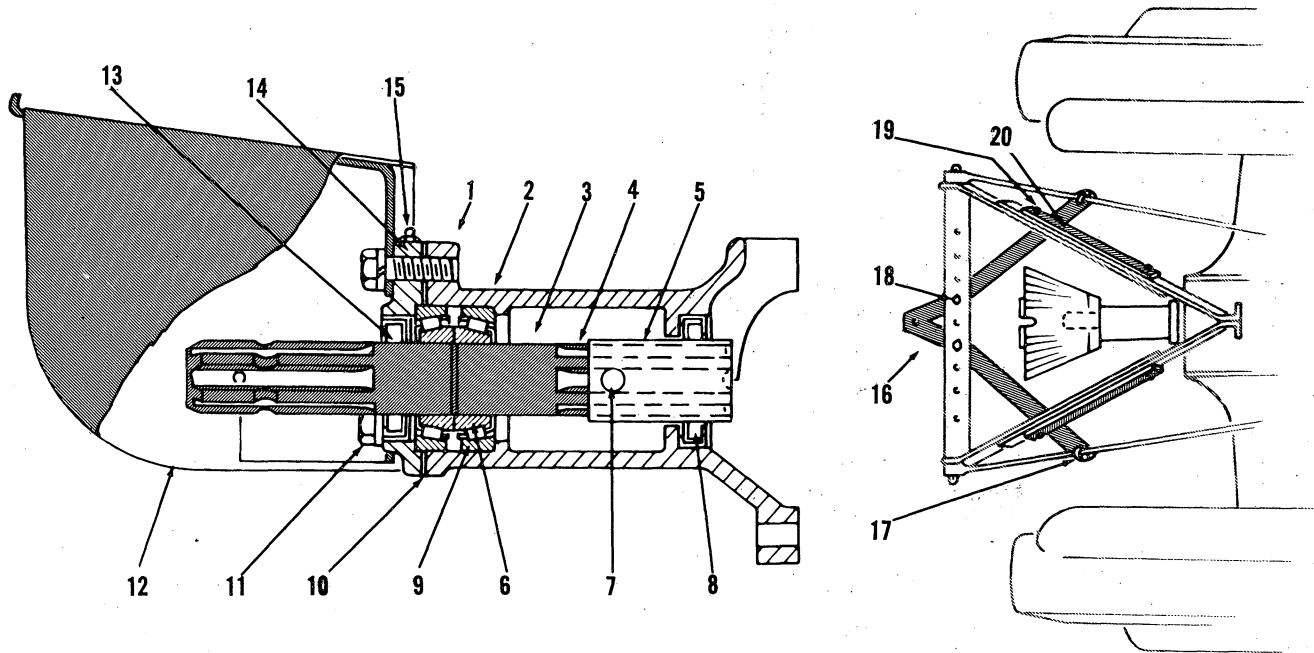
P. T. O. KIT, SWINGING DRAWBAR

20	182 792 M91	P.T.O. Extension Assembly, Short.....	1
21	182 785 M1	Housing, P.T.O. Shaft Extension.....	1
22	181 282 M1	Sleeve, P.T.O. Extension.....	1
23	16 928 X	Rivet, Sleeve to Shaft (3/8 x 2-1/4" Rd. Hd.).....	1
24	182 787 M1	Spacer, Shaft Extension.....	1
25	196 095 M1	Bearing, Ball.....	1
26	196 096 M1	Ring, Snap.....	1
27	182 788 M1	Shaft.....	1
28	181 289 M91	Guard Assembly.....	1
29	353 698 X1	Screw (7/16 x 1" NC, Cap).....	3
30	353 432 X1	Washer (7/16" Lock).....	3
35	181 757 M1	Stud, Clevis to Center Housing (5/8 x 2-9/16" NF-NC).....	2
36	181 756 X1	Stud, Clevis to Center Housing (5/8 x 3-3/4" NF-NC).....	2
37	353 433 X1	Washer (5/8" Lock).....	x
38	353 427 X1	Nut (5/8" NF, Hex.).....	x
39	181 758 M91	Pin Assembly, Drawbar Clevis.....	1
40	181 759 M1	Spring.....	1
41	181 760 M1	Detent, Latch.....	1
42	181 761 M1	Lever, Latch.....	1
43	195 794 M1	Pin, Groove.....	1
45	182 774 M91	Strut Assembly.....	1
46	182 782 M91	Guide Assembly.....	1
47	182 768 M1	Drawbar, Hi-Clearance.....	1
48	353 599 X1	Bolt (1/2 x 2" NF, Hex. Hd.).....	2
49	181 763 M1	Spacer (1/2 x 3/4 x 7/8").....	2
50	353 439 X1	Washer (1/2" Lock).....	2
51	353 437 X1	Nut (1/2" NF, Hex.).....	2
52	353 855 X1	Bolt (1/2 x 1-1/4" NF, Carr.).....	2
53	181 762 M1	Spacer (1/2 x 3/4 x 1/4" Strut).....	2
54	353 758 X1	Washer (1/2" Flat).....	2
55	353 437 X1	Nut (1/2" NF, Hex.).....	2
56	181 764 M1	Plate Guide.....	2

Note: x - in Right Hand Column - As Required.

CONVERSION KIT, EXTENSION DRAWBAR FOR UTILITY TRACTORS

F 202-1



Ref. No.	Part No.	Description	No. Req.
1	181 280 M91	Shaft Extension and Guard Assembly.....	1
2	181 284 M1	Housing, Shaft Extension.....	1
3	181 281 M91	Shaft Assembly, Extension.....	1
4	181 283 M1	Shaft, Extension.....	1
5	181 282 M1	Sleeve, Shaft Extension.....	1
6	195 714 M1	Cone and Roller, Shaft Extension (Timken #IH138 A).....	2
7	16 928 X	Rivet, Button Head, Sleeve to Shaft(5/16 x 2-1/4").....	1
8	195 715 M1	Seal, Oil, Shaft Extension Sleeve (1-3/4 x 2-1/2 x 7/16").....	1
9	16 234 X	Cup, Bearing, Shaft Extension Housing (Timken 14276).....	2
10	181 285 M1	Shim, .003 Thick, Cover to Housing.....	x
10	181 286 M1	Shim, .005 Thick.....	x
10	181 287 M1	Shim, .012 Thick.....	x
11	353 702 X1	Screw, Cap, Cover to Housing (7/16 x 1-1/2" NC).....	3
11	353 433 X1	Washer (7/16" Lock).....	3
12	181 289 M91	Guard Assembly, Shaft Extension.....	1
13	195 716 M1	Seal, Oil, Housing Cover (1-5/16 x 2-3/8 x 1/2").....	1
14	181 288 M1	Cover, Shaft Extension Housing.....	1
15	13 222 X	Fitting, Lubricator, Housing Cover (1/8" Str.).....	1
16	181 842 M91	Extension Drawbar Assembly.....	1
17	181 843 M1	Bolt, Hook, Extension Drawbar to Lower Links.....	2
17	353 433 X1	Washer (5/8" Lock).....	2
17	353 427 X1	Nut (5/8" NF, Hex.).....	2
18	353 867 X1	Bolt, Carriage, Extension Drawbar to Drawbar.....	2
18	353 433 X1	Washer (5/8" Lock).....	2
18	353 427 X1	Nut (5/8" NF, Hex.).....	2
19	353 562 X1	Bolt, Hex. Hd., Stay Brace to Upper Links (7/16 x 1-3/8" NF).....	4
20	181 841 M1	Brace, Stay.....	2

Note: x - in Right Hand Column - As Required.

NUMERICAL INDEX

83

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
1 691 X	59	6	180 019 M1	75	8	180 445 M1	31	75
1 958 X	53	7	180 020 M1	75	25	180 446 M1	31	9
2 446 X	53	56	180 021 M1	75	16	180 447 M1	31	8
2 759 X	41	22	180 053 M1	35	55	180 448 M1	33	28
2 950 X	31	1	180 059 M1	35	54	180 449 M1	29	6
2 951 X	25	35	180 060 M1	35	60	180 450 M1	33	9
2 957 X	9	28	180 061 M1	35	53	180 451 M1	33	30
11 157 X	65	31	180 063 M1	35	7	180 453 M1	31	16
11 277 X	51	43	180 067 M1	53	53	180 455 M1	19	22
12 501 X	29	8	180 068 M1	33	2	180 456 M1	19	23
			180 069 M1	53	22	180 457 M1	31	15
13 222 X	61,82	22,15	180 073 M1	35	55	180 458 M1	31	78
13 223 X	65,67	15,15	180 074 M1	35	56	180 460 M1	21	58
13 533 X	69	38	180 076 M1	35	51	180 461 M1	21	64
13 535 X	77	26	180 077 M1	35	59	180 462 M1	31	34
13 811 X	3,5,29	33,33,12	180 078 M1	35	61	180 463 M1	21	63
13 986 X	57	25	180 082 M1	35	8	180 464 M1	21	61
14 069 E	25,27	13,13	180 083 M1	35	4	180 465 M1	21	56
14 276 X	55	10	180 086 M1	35	3	180 474 M1	21,33	25,7
14 652 X	63	24	180 088 M1	23	10	180 476 M1	31	79
14 708 X	25,27	28 28	180 089 M1	71	1	180 481 M1	33	6
14 962 A	49	5	180 090 M1	71	2	180 482 M1	33	5
15 233 A	55	60	180 091 M1	71	4	180 484 M91	31	64
15 245 A	47	46	180 092 M1	71	5	180 485 M1	3,5	61,61
15 256 A	57	8	180 093 M1	23	9	180 511 M1	25,27	26,26
15 286 A	59	17	180 098 M1	35	58	180 573 M1	25,27	4,4
15 287 A	53	40	180 100 M91	23	68	180 575 M1	25,27	6,6
15 288 A	53	46	180 107 M91	37	65	180 576 M1	25,27	3,3
15 326 A	55	15	180 108 M1	71	3	180 577 M1	25,27	2,2
15 356 X	59	19	180 141 M91	35	50	180 579 M1	31	7
15 359 A	43	7	180 144 M91	35	10	180 580 M1	25,27	17,17
15 422 X	23	57	180 169 M1	37	2	180 581 M1	31	10
15 438 X	69	37	180 224 M91	47	2	180 582 M1	31	5
15 731 X	59	4	180 231 M1	37	-	180 583 M1	31	6
15 751 A	25,27	12,12	180 289 M1	7	4	180 590 M1	29	59
15 752 A	25,27	12,12	180 292 M1	37	58	180 592 M91	17	18
15 753 A	25,27	12,12	180 293 M1	37	57	180 594 M91	17	21
15 798 A	57	7	180 296 M1	37	3	180 596 M1	17	24
15 840 A	69	48	180 297 M1	23	5	180 630 M1	35	24
15 841 A	63	23	180 313 M1	21	60	180 673 M1	23,35	45,13
15 842 A	63	22	180 333 M1	3,5	45,45	180 681 M91	37	56
15 843 A	63	21	180 338 M91	63	5	180 683 M1	23	42
15 846 A	69	46	180 355 M1	65,67	27,27	180 689 M1	23	33
15 853 X	63	20	180 366 M1	21	37	180 695 M1	37	73
15 854 X	63	16	180 367 M91	63	2	180 704 M91	7	1
16 012 X	69	15	180 376 M1	15	-	180 707 M91	17	2
16 234 X	75	22	180 377 M1	15	-	180 708 M1	23	28
16 346 X	29	37	180 403 M1	31	73	180 709 M1	23	27
16 544 A	49,51	37,7	180 405 M1	31	71	180 710 M1	23	30
16 863 X	53	38	180 406 M1	31	69	180 713 M1	23	36
16 898 X	3	56	180 407 M1	31	62	180 714 M1	23	35
16 928 X	81	4	180 408 M1	31	72	180 722 M1	71	11
17 595 A	53	6	180 409 M1	31	70	180 736 M91	17	1
17 608 A	53	16	180 410 M1	31	68	180 739 M1	23	48
18 291 A	51	15	180 411 M1	31	67	180 746 M1	23,73	47,26
19 259 X	53	3	180 412 M1	31	65	180 769 M1	29	72
19 454 X	55	3	180 413 M1	31	66	180 770 M1	29	68
19 467 X	75	1	180 414 M1	31	63	180 776 M1	37	50
21 176 A	51	11	180 415 M1	31	57	180 798 M1	19	21
21 195 A	55	14	180 416 M1	31	26	180 801 M1	33	3
21 207 A	47,49	36,38	180 417 M1	21	68	180 802 M1	17	9
21 215 A	53	19	180 418 M1	21	67	180 809 M1	29	30
22 131 X	73	50	180 419 M1	31	58	180 811 M1	29	36
22 166 X	31	76	180 420 M1	31	30	180 812 M1	29	32
22 303 X	41	35	180 421 M1	31	49	180 813 M1	29	31
22 425 X	41	26	180 422 M1	31	27	180 814 M1	29	41
22 432 X	41	27	180 424 M1	31	77	180 815 M1	29	42
22 626 X	69	13	180 427 M1	31	36	180 816 M91	29	33
22 677 X	77	8	180 428 M1	31	39	180 826 M1	29	45
22 771 X	51	5	180 429 M1	31	53	180 827 M1	29	44
29 939 X	41	26	180 430 M1	31	47	180 828 M1	29	38
34 030 A	57	26	180 431 M1	31	45	180 831 M1	29	46
34 031 A	57	12	180 432 M1	31	46	180 832 M1	29	43
677 040	29	63	180 433 M1	31	42	180 833 M1	29	48
677 044	7	17	180 434 M1	31	41	180 834 M1	29	49
677 702	75	30	180 435 M1	31	59	180 835 M1	29	50
150 662 M1	63	9	180 436 M1	31	4	180 836 M1	29	47
180 002 M1	31,33	14,32	180 437 M1	31	22	180 853 M1	3,5	26,26
180 004 M1	17	32	180 438 M2	31	21	180 855 M91	3	9
180 006 M91	31	2	180 439 M2	31	11	180 856 M91	3,5	42,42
180 008 M1	63	3	180 440 M1	31	3	180 859 M1	3,5	43,43
180 009 M1	63	12	180 441 M1	31	25	180 860 M1	3,5	24,24
180 010 M1	63	10	180 442 M2	31	20	180 861 M91	3	44
180 013 M91	75	20	180 443 M1	31	19	180 863 M91	15	6
180 016 M91	75	10	180 444 M1	29	5	180 864 M1	29	4

NUMERICAL INDEX Continued

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
180 875 M1	15	7	181 118 M1	33	23	181 531 M1	45	37
180 876 M1	15	8	181 119 M1	33	13	181 533 M1	23	3
180 901 M91	21	6	181 121 M1	33	11	181 534 M1	23	22
180 903 M1	11	14	181 123 M1	33	22	181 535 M1	23	1
180 904 M1	21	27	181 124 M1	33	25	181 536 M1	23	6
180 905 M1	21	26	181 125 M1	33	15	181 537 M1	23	2
180 906 M1	9	23	181 126 M1	33	-	181 538 M1	41	61
180 912 M91	21	1	181 127 M1	33	-	181 539 M1	41	62
180 913 M1	21	2	181 140 M91	37	45	181 540 M1	41	63
180 916 M1	11	4	181 141 M91	37	60	181 543 M1	37	29
180 917 M1	11	3	181 142 M1	37	44	181 550 M1	37	17
180 919 M91	13	-	181 149 M1	29	28	181 551 M1	37	28
180 920 M1	13	13	181 150 M1	29	29	181 552 M91	37	32
180 921 M1	13	12	181 159 M91	11	15	181 556 M91	37	33
180 922 M91	13	17	181 204 M91	21	51	181 558 M91	37	30
180 924 M1	13	20	181 211 M91	21	66	181 560 M91	37	31
180 925 M1	13	43	181 214 M1	21	70	181 562 M1	37	26
180 926 M1	13	24	181 215 M1	21	74	181 563 M91	37	43
180 927 M1	13	8	181 217 M1	21	40	181 564 M91	37	43
180 928 M1	13	6	181 218 M91	21	39	181 566 M1	47	10
180 929 M1	13	9	181 224 M1	19	27	181 567 M1	23	7
180 930 M1	13	7	181 225 M91	21	15	181 568 M91	23	26
180 931 M1	13	3	181 229 M1	17	12	181 756 M1	79,81	22,36
180 932 M1	13	4	181 230 M1	17	17	181 757 M1	79,81	21,35
180 933 M1	13	19	181 232 M1	17	4	181 758 M91	79,81	25,39
180 934 M1	13	38	181 233 M1	17	5	181 759 M1	79,81	26,40
180 935 M91	13	27	181 234 M1	17	5	181 760 M1	79,81	27,41
180 936 M1	13	29	181 235 M1	17	5	181 761 M1	79,81	28,42
180 937 M91	13	32	181 237 M1	31	43	181 762 M1	79,81	39,53
180 940 M1	13	31	181 246 M1	19	3	181 763 M1	79,81	34,49
180 941 M1	13	33	181 247 M1	19	8	181 764 M1	79,81	37,56
180 942 M1	13	30	181 249 M1	19	7	181 765 M1	79	32
180 943 M1	13	26	181 251 M91	19	19	181 766 M91	79	31
180 944 M1	13	48	181 253 M1	19	20	181 767 M91	79	30
180 945 M1	13	44	181 258 M1	17	29	181 768 M1	71	10
180 946 M1	13	46	181 260 M1	17	19	181 769 M1	71	12
180 947 M1	13	51	181 266 M1	19	12	181 770 M1	71	13
180 948 M1	13	52	181 267 M1	21	19	181 774 M91	79	42
180 949 M1	13	53	181 275 M1	19	4	181 775 M91	79	2
180 950 M1	13	57	181 276 M1	19	6	181 776 M91	79	-
180 951 M1	13	58	181 277 M1	19	5	181 777 M1	79	3
180 961 M1	13	47	181 280 M91	82	1	181 778 M1	79	1
180 967 M1	11	18	181 281 M91	82	3	181 799 M1	31	51
180 970 M1	11	11	181 282 M1	81,82	3,5	181 801 M91	73	60
180 971 M1	11	12	181 283 M1	82	4	181 841 M1	82	20
180 972 M1	9	8	181 284 M1	82	2	181 842 M91	82	16
180 973 M1	9	3	181 285 M1	82	10	181 843 M1	82	17
180 974 M1	9	6	181 286 M1	82	10	181 958 M1	29	22
180 979 M1	9	10	181 287 M1	82	10	181 959 M1	29	7
180 980 M1	9	9	181 288 M1	82	14	181 960 M1	29	21
180 981 M1	9	59	181 289 M91	81,82	9,12	181 961 M1	29	10
180 982 M1	9	5	181 313 M91	7	21	181 962 M1	29	10
180 983 M91	11	36	181 316 M91	7	18	181 964 M1	29	13
180 990 M1	11	33	181 319 M1	7	19	181 965 M1	29	53
180 991 M1	11	35	181 320 M1	7	14	181 974 M91	19	2
180 993 M91	11	32	181 321 M1	7	9	181 981 M91	29	55
180 997 M1	11	6	181 322 M1	7	8	181 982 M1	9	4
180 999 M1	11	37	181 323 M1	7	26	181 985 M1	3	75
181 000 M91	11	29	181 324 M1	7	23	181 986 M1	3	74
181 001 M91	11	28	181 325 M91	7	23	182 009 M91	29	27
181 008 M1	11	31	181 326 M1	7	22	182 014 M91	79	43
181 010 M1	11	23	181 327 M91	7	22	182 062 M1	49	9
181 011 M1	11	26	181 328 M1	63	7	182 087 M91	19	1
181 012 M1	11	25	181 330 M91	7	2	182 088 M1	19	11
181 015 M1	9	26	181 333 M1	7	3	182 089 M1	19	10
181 016 M1	9	27	181 338 M91	7	10	182 090 M1	21	65
181 018 M1	11	8	181 344 M1	3,5	82,81	182 091 M1	19	25
181 019 M91	9	53	181 345 M1	3,5	35,83	182 093 M91	71	7
181 022 M91	9	25	181 349 M1	3,5	80,79	182 096 M1	71	8
181 026 M91	9	30	181 351 M91	3	14	182 099 M91	9	21
181 032 M1	9	40	181 353 M91	3	21	182 115 M91	19	12
181 033 M1	9	48	181 363 M1	21	30	182 274 M1	9	29
181 038 M91	9	51	181 402 M1	21	14	182 278 M1	17	16
181 039 M91	9	52	181 403 M91	17	7	182 282 M1	9	35
181 040 M1	9	39	181 405 M91	17	7	182 287 M91	35	9
181 041 M1	9	45	181 408 M1	21	41	182 308 M91	29	58
181 043 M1	13	21	181 411 M1	17	11	182 309 M91	29	58
181 046 M1	13	22	181 439 M91	21	33	182 310 M1	29	23
181 047 M1	9	31	181 440 M91	31	54	182 311 M1	29	56
181 102 M91	33	20	181 459 M1	33	31	182 314 M1	47	8
181 103 M1	33	19	181 521 M1	47	12	182 318 M1	47	23
181 104 M1	33	24	181 522 M91	47	24	182 319 M91	47	1
181 106 M1	33	21	181 523 M1	47	26	182 321 M91	37	1
181 107 M1	33	17	181 526 M1	47	11	182 322 M91	37	55
181 116 M1	33	16	181 528 M1	47	15	182 323 M91	37	4

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
182 333 M91	23	41	182 609 M91	49	18	182 904 M1	35	16
182 345 M1	3,47	84,6	182 611 M1	49	22	182 905 M1	35	17
182 346 M1	47	4	182 612 M1	49	23	182 911 M1	35	15
182 347 M1	47	20	182 613 M1	71	6	182 912 M91	37	18
182 367 M1	35	47	182 614 M1	49	20	182 918 M1	35	18
182 368 M1	35	49	182 617 M1	15	1	182 919 M91	35	26
182 369 M91	35	20	182 618 M1	15	2	182 920 M91	35	30
182 376 M1	29	24	182 619 M1	15	3	182 922 M91	35	23
182 377 M1	61	18	182 620 M91	37	16	182 927 M91	73	1
182 378 M1	61	19	182 624 M91	37	74	182 928 M91	73	2
182 379 M1	29	1	182 625 M91	37	46	182 929 M91	73	37
182 381 M1	49	24	182 626 M91	63	15	183 000 M91	13	61
182 383 M1	35	21	182 628 M1	63	17	183 002 M1	71	15
182 390 M91	5	23	182 629 M1	69	49	183 005 M91	13	-
182 391 M1	3,5	85,84	182 630 M1	69	29	183 070 M91	71	14
182 392 M1	5	77	182 632 M91	3	55	183 081 M91	73	22
182 393 M91	5	44	182 633 M91	3	54	183 082 M91	73	23
182 395 M91	5	55	182 641 M1	3	28	183 088 M1	21	31
182 396 M91	5	54	182 642 M91	3	23	195 159 M1	19	15
182 400 M91	5	9	182 644 M1	69	32	195 160 M1	17,19	8,24
182 401 M91	5	21	182 645 M91	69	34	195 163 M1	19	18
182 402 M91	5	14	182 646 M1	69	28	195 175 M1	65,67	26,26
182 405 M91	5	67	182 649 M91	69	45	195 181 M1	63	4
182 454 M91	37,39	36,-	182 651 M1	49	8	195 182 M1	63	6
182 455 M91	37,41	9,1	182 652 M91	23	46	195 195 M1	19	16
182 457 M91	17	3	182 653 M91	23	50	195 222 M1	31	29
182 463 M92	33	-	182 658 M91	37	59	195 239 M1	3,5	46,46
182 470 M91	23	34	182 665 M1	25,27	5,5	195 242 M1	29	25
182 472 M1	23	37	182 668 M1	69	33	195 251 M1	75	7
182 479 M91	47	5	182 669 M1	69	33	195 270 M1	29	17
182 480 M1	23	29	182 670 M1	69	33	195 284 M1	21	52
182 494 M91	65,67	13,13	182 671 M91	37	70	195 308 M1	37	67
182 501 M1	65,67	30,30	182 676 M1	69	43	195 339 M1	79	7
182 503 M1	61	13	182 677 M1	69	41	195 340 M1	3,5	3,16
182 504 M1	61	11	182 696 M91	37	75	195 342 M1	3	6
182 507 M91	65,67	3,3	182 697 M1	47	21	195 344 M1	3,5	19,58
182 510 M91	65,67	4,4	182 698 M1	47	21	195 346 M1	3,5	8,60
182 515 M91	65,67	1,1	182 704 M1	23	38	195 347 M1	3,5	7,59
182 517 M91	65,67	2,2	182 707 M91	15	10	195 363 M1	31	23
182 519 M91	65,67	8,8	182 708 M91	15	11	195 364 M1	53	24
182 528 M1	65,67	28,28	182 713 M91	49	19	195 373 M1	3,5	15,15
182 529 M1	65,67	29,29	182 718 M1	71	9	195 386 M1	77	65
182 530 M1	65,67	10,10	182 722 M91	9	13	195 387 M1	9	13
182 531 M91	65,67	11,11	182 736 M1	37	71	195 439 M1	23	49
182 532 M1	37	66	182 743 M1	47	22	195 441 M1	35	52
182 534 M91	61	2	182 748 M91	45	1	195 442 M1	23	51
182 535 M91	61	4	182 768 M1	81	47	195 444 M1	35	64
182 538 M1	65,67	16,16	182 774 M91	81	45	195 448 M1	47	51
182 539 M1	65,67	17,17	182 775 M1	25,27	32,32	195 453 M1	21	62
182 540 M1	65,67	17,17	182 782 M91	81	46	195 454 M1	29	20
182 541 M1	65,67	17,17	182 785 M1	81	21	195 457 M1	3,5	29,78
182 542 M91	65	21	182 786 M1	81	5	195 466 M1	21,55	24,32
182 549 M91	37	37	182 787 M1	81	24	195 467 M1	21	72
182 551 M91	53	-	182 788 M1	81	27	195 468 M1	21	75
182 554 M91	3	67	182 789 M1	81	8	195 472 M1	75	11
182 557 M91	67	24	182 790 M1	81	2	195 473 M1	75	12
182 558 M91	67	25	182 791 M91	81	1	195 474 M1	75	24
182 559 M91	65	24	182 792 M91	81	20	195 479 M1	33	14
182 560 M91	65	25	182 798 M1	21	65	195 489 M1	63	14
182 566 M91	67	18	182 799 M1	19	25	195 493 M1	31	24
182 567 M91	67	21	182 800 M1	31	30	195 496 M1	19	17
182 573 M91	35	63	182 801 M1	31	51	195 497 M1	31	48
182 575 M91	61	20	182 803 M91	81	12	195 498 M1	21	53
182 576 M91	61	15	182 811 M1	81	13	195 499 M1	31	50
182 580 M1	9	60	182 812 M1	81	14	195 500 M1	31	56
182 581 M1	9	61	182 839 M91	33	1	195 501 M1	31	33
182 582 M1	9	62	182 841 M91	33	27	195 502 M2	31	28
182 583 M1	49	16	182 842 M1	33	18	195 503 M1	31	38
182 587 M1	11	2	182 852 M91	37,43	25,-	195 505 M1	31	32
182 588 M1	11	1	182 853 M91	23	44	195 506 M1	21	55
182 590 M1	69	6	182 855 M1	35	29	195 507 M1	31	52
182 591 M91	69	10	182 856 M91	35	31	195 508 M1	33	29
182 593 M1	69	5	182 857 M91	35	28	195 512 M1	31	44
182 594 M1	69	2	182 860 M91	49	2	195 513 M1	21	34
182 595 M1	69	17	182 861 M1	49	1	195 522 M1	21	57
182 596 M91	69	3	182 864 M1	35	22	195 527 M1	75	26
182 597 M91	69	19	182 865 M1	35	27	195 530 M1	17	10
182 600 M1	69	8	182 869 M1	35	19	195 546 M1	53	52
182 602 M91	53	-	182 872 M91	35	1	195 548 M1	45	40
182 603 M1	49	14	182 874 M1	35	1	195 549 M1	45	39
182 604 M1	49	15	182 876 M1	35	1	195 550 M1	45	38
182 605 M1	49	17	182 877 M91	35	12	195 551 M1	23	20
182 606 M1	79	1	182 879 M91	35	11	195 553 M1	19	28
182 607 M1	5	75	182 897 M1	3,5	48,48	195 556 M1	17	15
182 608 M1	5	74	182 901 M1	23	43	195 559 M1	3,5	2,20

NUMERICAL INDEX Continued

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
195 560 M1	13	-	196 102 M1	35	2	353 790 X1	71	41
195 561 M1	9	20	196 128 M1	35	33	353 791 X1	71	43
195 562 M1	11	17	196 129 M1	35	65	353 793 X1	7	11
195 563 M1	13	5	196 131 M1	69	42	353 804 X1	35	2
195 564 M1	13	49	200 550 M1	59	27	353 807 X1	7	24
195 565 M1	11	9	353 123 X1	51	45	353 830 X1	3	10
195 567 M1	9	17	353 261 X1	65	32	353 831 X1	5	10
195 568 M1	13	37	353 401 X1	33	4	353 855 X1	79	38
195 569 M1	21	28	353 426 X1	3	73	353 867 X1	81	16
195 572 M1	9	1	353 427 X1	15	5	353 889 X1	79	16
195 573 M1	9	7	353 428 X1	25	21	353 897 X1	51	35
195 574 M1	11	19	353 429 X1	61	1	353 916 X1	7	13
195 575 M1	11	34	353 430 X1	29	18	353 917 X1	33	26
195 576 M1	13	28	353 431 X1	29	70	353 918 X1	9	34
195 577 M1	13	25	353 432 X1	7	15	353 919 X1	9	46
195 578 M1	13	40	353 433 X1	15	29	353 922 X1	21	17
195 580 M1	13	41	353 434 X1	21	21	353 925 X1	3	41
195 581 M1	13	34	353 435 X1	29	40	353 927 X1	3	52
195 583 M1	11	13	353 437 X1	79	18	353 928 X1	63	11
195 584 M1	13	15	353 438 X1	9	2	353 931 X1	69	20
195 589 M1	3, 5	1, 1	353 439 X1	61	24	353 961 X1	9	14
195 592 M1	25, 27	1, 1	353 441 X1	9	42	353 962 X1	21	12
195 593 M1	9	57	353 443 X1	61	9	353 963 X1	21	10
195 595 M1	11	21	353 445 X1	23	56	353 964 X1	3	49
195 597 M1	29	39	353 446 X1	7	6	353 969 X1	35	66
195 604 M1	29	2	353 451 X1	25	24	353 975 X1	37	-
195 617 M1	9	44	353 458 X1	61	8	353 979 X1	73	3
195 618 M1	9	47	353 500 X1	37	7	353 987 X1	37	63
195 638 M91	63	1	353 501 X1	29	64	354 007 X1	21	16
195 644 M1	3, 5	27, 76	353 502 X1	9	32	354 039 X1	13	36
195 645 M1	3, 5	57, 57	353 514 X1	73	14	354 043 X1	51	34
195 647 M1	3, 5	22, 22	353 515 X1	37	68	354 046 X1	23	4
195 648 M1	3, 5	31, 80	353 520 X1	41	64	354 048 X1	77	55
195 653 M1	49	43	353 529 X1	79	44	354 050 X1	75	3
195 663 M1	9	37	353 558 X1	75	31	354 055 X1	3	47
195 675 M1	17	23	353 559 X1	69	30	354 057 X1	3	39
195 676 M1	17	22	353 561 X1	3	71	354 059 X1	3	70
195 677 M1	17	20	353 562 X1	3	13	354 060 X1	19	14
195 678 M1	17	6	353 563 X1	5	13	354 061 X1	55	17
195 681 M1	29	71	353 564 X1	81	15	354 068 X1	57	13
195 682 M1	75	5	353 571 X1	29	73	354 070 X1	75	29
195 690 M1	19	26	353 572 X1	65	36	354 074 X1	3	4
195 694 M1	47, 49	7, 10	353 599 X1	79	33	354 076 X1	33	-
195 714 M1	82	6	353 609 X1	69	7	354 089 X1	79	6
195 715 M1	82	8	353 611 X1	17	28	354 095 X1	69	21
195 716 M1	82	13	353 614 X1	53	61	354 121 X1	23	8
195 756 M91	69	12	353 626 X1	19	13	354 122 X1	7	7
195 764 M1	69	11	353 633 X1	61	26	354 123 X1	47	50
195 794 M1	79	29	353 648 X1	17	25	354 187 X1	13	35
195 866 M1	77	15	353 666 X1	13	59	354 204 X1	23	67
195 868 M1	77	24	353 668 X1	49	30	354 239 X1	7	20
195 869 M1	77	12	353 676 X1	47	40	354 261 X1	31	74
195 874 M1	77	19	353 678 X1	13	54	354 263 X1	53	44
195 889 M1	77	28	353 679 X1	55	52	354 270 X1	31	60
195 900 M1	29	19	353 688 X1	11	24	354 279 X1	63	18
195 904 M1	29	14	353 690 X1	21	20	354 283 X1	69	55
195 910 M1	29	11	353 691 X1	47	42	354 285 X1	61	25
195 929 M1	77	64	353 692 X1	53	43	354 289 X1	69	56
195 935 M1	77	4	353 696 X1	21	71	354 390 X1	23	31
195 986 M1	77	14	353 697 X1	21	59	354 391 X1	11	5
195 994 M1	9	49	353 698 X1	39	45	354 410 X1	7	5
196 010 M1	35	48	353 700 X1	25	37	354 415 X1	13	23
196 011 M1	49	44	353 701 X1	9	18	354 416 X1	21	32
196 013 M1	35	41	353 702 X1	69	51	354 438 X1	47	43
196 022 M1	9	24	353 704 X1	13	1	354 615 X1	55	53
196 047 M1	35	44	353 706 X1	13	10	354 616 X1	55	54
196 049 M1	65, 67	14, 14	353 710 X1	29	76	354 625 X1	55	55
196 050 M1	61, 67	21, 12	353 711 X1	9	12	355 286 X1	11	7
196 057 M1	61	16	353 715 X1	77	2	355 434 X1	29	54
196 058 M1	65, 67	5, 5	353 718 X1	9	11	355 465 X1	41	57
196 059 M1	61	3	353 724 X1	61	23	355 512 X1	55	56
196 060 M1	65, 67	19, 22	353 727 X1	65	39	355 542 X1	51	4
196 068 M1	69	14	353 753 X1	23	55	355 547 X1	49	12
196 069 M1	69	16	353 754 X1	9	36	355 584 X1	7	25
196 070 M1	69	18	353 755 X1	9	38	375 099 X1	15	30
196 071 M1	69	9	353 756 X1	49	39	375 181 X1	25, 27	34, 34
196 080 M1	69	35	353 757 X1	3	40	542 748 M1	71	37
196 081 M1	69	40	353 758 X1	79	40	667 150 M1	77	51
196 089 M1	69	36	353 760 X1	21	73	667 151 M1	77	37
196 090 M1	69	39	353 771 X1	71	42	667 158 M1	77	39
196 093 M1	69	44	353 772 X1	3	72	667 159 M1	77	48
196 095 M1	81	6	353 773 X1	53	20	667 161 M1	77	41
196 096 M1	81	7	353 774 X1	3	51	667 172 M1	77	58
196 099 M1	65, 67	9, 9	353 777 X1	61	10	667 175 M1	77	59
196 100 M1	61, 67	5, 6	353 784 X1	29	78	667 178 M1	77	63

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
667 181 M91	77	35	1 503 288 M91	37	43	1 750 205 M1	59	16
667 216 M1	77	9	1 750 000 M1	57	4	1 750 206 M1	59	5
667 217 M1	77	1	1 750 002 M1	51	42	1 750 207 M1	59	5
667 218 M1	77	22	1 750 006 M1	51	47	1 750 208 M1	59	5
667 221 M91	77	11	1 750 011 M91	51	41	1 750 209 M1	59	5
667 556 M1	75	4	1 750 012 M1	57	3	1 750 211 M91	23	13
668 300 M91	77	57	1 750 016 M1	57	6	1 750 212 M1	51	3
668 301 M1	77	54	1 750 017 M1	51, 53	50, 28	1 750 213 M91	47	35
668 328 M1	77	47	1 750 024 M1	55	35	1 750 214 M91	55	2
668 338 M1	77	42	1 750 025 M1	55	36	1 750 216 M91	53	31
668 339 M91	77	53	1 750 032 M1	53	41	1 750 236 M91	71	35
670 054 M1	79	15	1 750 034 M1	59	23	1 750 237 M1	59	5
675 222 M1	75	27	1 750 041 M1	41	11	1 750 239 M91	55	1
760 028 M1	53	42	1 750 042 M1	57	19	1 750 293 M1	59	1
760 138 M1	53	47	1 750 043 M1	57	18	1 750 367 M1	39	5
760 156 M1	55	13	1 750 045 M1	49	13	1 750 368 M1	37	39
760 159 M1	55	16	1 750 049 M91	57	23	1 750 370 M1	41	52
760 195 M1	55	4	1 750 052 M1	55	11	1 750 371 M1	41	38
760 402 M1	53	17	1 750 054 M1	59	16	1 750 377 M1	39	40
760 916 M1	57	21	1 750 055 M1	51	28	1 750 378 M1	43	3
761 532 M1	49	40	1 750 056 M1	51	32	1 750 379 M1	41	12
829 944 M1	41	43	1 750 057 M1	51	31	1 750 380 M1	39	26
830 480 M92	29	34	1 750 058 M1	51	25	1 750 384 M1	41	54
830 481 M92	29	35	1 750 059 M1	51	14	1 750 387 M1	41	15
830 486 M91	57	22	1 750 060 M1	51	16	1 750 388 M1	41	21
830 487 M91	51	-	1 750 061 M1	51	12	1 750 391 M1	41	59
830 488 M91	51	-	1 750 062 M1	51	13	1 750 392 M1	41	6
830 490 M91	51	2	1 750 066 M91	51	21	1 750 393 M1	41	60
830 492 M91	57	14	1 750 067 M91	51	22	1 750 394 M1	41	4
830 501 M91	45	-	1 750 068 M1	51	36	1 750 395 M1	41	13
830 508 M91	57	22	1 750 070 M1	51	9	1 750 396 M1	39	43
830 509 M91	57	22	1 750 071 M1	51	19	1 750 397 M1	41	19
830 510 M91	57	22	1 750 072 M1	51	10	1 750 398 M1	41	8
830 514 M91	47	27	1 750 073 M1	51	27	1 750 399 M1	41	9
830 516 M91	59	31	1 750 076 M1	59	18	1 750 400 M1	41	10
830 633 M91	59	31	1 750 077 M1	47	37	1 750 401 M1	41	14
830 637 M91	59	31	1 750 078 M1	47	34	1 750 402 M1	41	17
830 638 M91	59	31	1 750 079 M1	47	38	1 750 403 M1	41	18
830 644 M91	57	16	1 750 080 M1	47	31	1 750 404 M1	41	50
830 663 M91	11	16	1 750 083 M91	47	29	1 750 405 M1	41	44
830 681 M91	37	27	1 750 084 M91	47	33	1 750 406 M1	43	11
830 685 M91	47	9	1 750 085 M1	55	8	1 750 407 M1	43	12
830 688 M91	55	-	1 750 087 M1	55	9	1 750 409 M1	39	42
830 689 M91	55	-	1 750 088 M1	55	19	1 750 411 M91	43	40
830 690 M91	51	-	1 750 090 M91	55	6	1 750 412 M1	43	10
830 697 M91	57	1	1 750 093 M91	53	50	1 750 415 M1	41	3
830 699 M91	73	4	1 750 094 M91	55	24	1 750 417 M1	41	51
830 703 M91	51	-	1 750 095 M1	53	51	1 750 419 M1	43	24
830 704 M91	51	-	1 750 096 M91	55	21	1 750 422 M91	41	2
830 705 M91	51	-	1 750 098 M1	53	49	1 750 423 M1	41	24
830 706 M91	33	-	1 750 099 M1	59	20	1 750 424 M1	41	58
830 717 M91	45	41	1 750 100 M1	23	15	1 750 428 M1	41	20
840 708 M91	57	20	1 750 103 M1	23	17	1 750 429 M1	41	45
840 713 M91	57	11	1 750 108 M1	23	16	1 750 430 M1	43	18
840 714 M91	57	11	1 750 110 M1	55	5	1 750 431 M1	41	23
840 753 M91	51	-	1 750 111 M1	51	26	1 750 432 M1	43	41
840 754 M91	51	-	1 750 112 M1	53	32	1 750 435 M1	39, 41	18, 31
840 760 M91	53	21	1 750 120 M1	51	29	1 750 436 M1	43	6
840 873 M91	51	-	1 750 122 M1	53	2	1 750 437 M1	43	22
840 874 M91	51	-	1 750 124 M1	51	30	1 750 439 M1	39	32
841 239 M91	33	-	1 750 126 M1	55	12	1 750 440 M1	39	29
841 241 M91	55	42	1 750 127 M1	59	3	1 750 441 M1	41	40
850 127 M1	63	8	1 750 130 M91	55	26	1 750 443 M1	41	35
850 778 M1	61	7	1 750 131 M1	53	18	1 750 444 M91	41	32
1 000 148 M1	53	4	1 750 132 M1	47	48	1 750 445 M1	39	35
1 000 251 M1	13	18	1 750 134 M1	59	24	1 750 446 M1	39	33
1 001 515 M91	35	62	1 750 136 M1	51, 53	52, 13	1 750 447 M91	39	31
1 002 785 M91	23	25	1 750 139 M1	55	22	1 750 451 M1	43	25
1 002 867 M91	23	23	1 750 140 M1	55	23	1 750 452 M91	41	53
1 003 341 M1	25, 27	14, 14	1 750 146 M1	47	28	1 750 454 M91	39	30
1 003 886 M1	47	47	1 750 147 M1	55	20	1 750 456 M1	39	38
1 004 512 M1	51	18	1 750 148 M1	51	33	1 750 457 M1	39	39
1 004 514 M91	51	17	1 750 149 M1	59	21	1 750 458 M91	39	34
1 004 739 M1	43	31	1 750 150 M1	23	14	1 750 459 M1	39	36
1 005 438 M1	55	41	1 750 151 M1	53	39	1 750 460 M1	41	5
1 005 935 M1	51	23	1 750 152 M1	53	58	1 750 461 M1	41	49
1 005 960 M1	55	18	1 750 154 M1	53	10	1 750 463 M91	41	7
1 009 128 M91	49	4	1 750 169 M1	59	12	1 750 464 M1	43	15
1 009 132 M1	49	6	1 750 186 M91	57	23	1 750 465 M1	41	36
1 009 436 M91	15	31	1 750 187 M91	57	23	1 750 480 M1	41	34
1 500 015 M1	55	7	1 750 188 M91	57	23	1 750 481 M1	37	38
1 500 056 M1	59	2	1 750 199 M91	51	1	1 750 482 M1	43	19
1 500 071 M1	53	37	1 750 202 M1	59	16	1 750 483 M1	43	21
1 500 098 M1	23	24	1 750 203 M1	59	16	1 750 484 M1	41	25
1 500 490 M1	25, 27	9, 9	1 750 204 M1	59	16	1 750 488 M1	43	38

NUMERICAL INDEX Continued

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
1 750 489 M1	43	4	1 751 188 M1	45	13	1 751 738 M1	25,27	11,11
1 750 490 M1	43	5	1 751 189 M1	45	7	1 751 739 M1	25,27	25,25
1 750 491 M91	43	36	1 751 190 M1	45	5	1 751 740 M1	25,27	20,20
1 750 492 M1	43	14	1 751 192 M1	45	25	1 751 741 M1	25,27	36,36
1 750 494 M1	41	48	1 751 194 M1	45	17	1 751 751 M1	71	40
1 750 495 M1	43	30	1 751 196 M1	45	26	1 751 756 M91	73	17
1 750 496 M1	41	16	1 751 291 M1	23	58	1 751 757 M91	73	21
1 750 497 M1	41	37	1 751 292 M1	23	54	1 751 758 M91	73	18
1 750 499 M1	43	2	1 751 295 M91	23	61	1 751 760 M1	73	13
1 750 500 M1	37	41	1 751 296 M1	23	62	1 751 769 M91	73	32
1 750 501 M1	37	40	1 751 298 M1	23	65	1 751 771 M1	73	24
1 750 504 M1	41	46	1 751 299 M91	23	66	1 751 823 M91	73	42
1 750 505 M1	41	47	1 751 301 M91	23	63	1 751 825 M91	73	56
1 750 511 M1	43	13	1 751 304 M1	23	64	1 751 829 M91	73	45
1 750 513 M1	43	33	1 751 328 M1	45	4	1 751 833 M1	73	44
1 750 514 M1	43	34	1 751 347 M91	73	6	1 751 834 M1	73	49
1 750 515 M1	43	37	1 751 353 M1	73	59	1 751 835 M1	73	43
1 750 518 M1	39	37	1 751 395 M91	15	20	1 751 836 M1	73	46
1 750 519 M1	43	32	1 751 402 M1	15	21	1 751 837 M1	73	47
1 750 520 M1	43	29	1 751 403 M1	15	22	1 751 838 M1	73	48
1 750 579 M1	47	30	1 751 404 M1	15	27	1 751 846 M1	53	54
1 750 580 M1	55	44	1 751 405 M1	15	24	1 751 847 M1	53	55
1 750 583 M1	55	37	1 751 406 M1	15	25	1 751 849 M91	51	46
1 750 584 M1	55	38	1 751 407 M1	15	23	1 751 850 M1	57	6
1 750 585 M1	55	40	1 751 408 M1	15	26	1 751 852 M1	47	25
1 750 586 M91	55	39	1 751 409 M1	15	28	1 751 853 M91	25,27	27,27
1 750 587 M91	55	43	1 751 410 M1	45	21	1 751 855 M91	27	16
1 750 597 M1	71	46	1 751 440 M91	59	33	1 751 857 M91	25	16
1 750 598 M1	71	47	1 751 441 M91	59	33	1 751 858 M91	25,27	7,7
1 750 600 M1	71	48	1 751 442 M91	59	33	1 751 860 M91	25,27	8,8
1 750 607 M1	73	33	1 751 443 M91	59	33	1 751 861 M91	27	22
1 750 613 M1	73	19	1 751 444 M91	59	32	1 751 862 M91	25	22
1 750 614 M1	73	20	1 751 445 M91	59	32	1 751 864 M91	25,27	19,19
1 750 616 M91	73	27	1 751 446 M91	59	32	1 751 878 M91	41	39
1 750 623 M91	73	34	1 751 447 M91	59	32	1 751 879 M91	41	27
1 750 642 M1	73	5	1 751 448 M91	59	34	1 751 880 M91	39	27
1 750 650 M91	73	8	1 751 449 M91	59	34	1 751 883 M91	39	14
1 750 656 M1	73	38	1 751 450 M91	59	34	1 751 884 M1	39	15
1 750 657 M91	73	41	1 751 451 M91	59	34	1 751 885 M1	39	19
1 750 661 M91	53	36	1 751 478 M1	41	28	1 751 886 M1	39	20
1 750 673 M1	73	35	1 751 483 M1	71	18	1 751 887 M1	39	21
1 750 674 M1	73	31	1 751 484 M1	71	33	1 751 888 M1	39	22
1 750 675 M1	73	11	1 751 486 M91	71	32	1 751 889 M1	39	24
1 750 676 M1	73	12	1 751 488 M1	71	36	1 751 890 M91	39	2
1 750 677 M1	73	36	1 751 489 M1	71	31	1 751 891 M1	39	28
1 750 678 M1	73	29	1 751 491 M1	71	17	1 751 892 M1	39	11
1 750 679 M1	73	28	1 751 492 M1	71	22	1 751 893 M1	39	13
1 750 687 M91	73	39	1 751 495 M1	71	27	1 751 894 M1	39	9
1 750 786 M91	73	30	1 751 496 M1	71	20	1 751 895 M1	39	10
1 750 869 M1	41	29	1 751 497 M91	71	34	1 751 896 M1	39	12
1 750 874 M91	43	1	1 751 499 M1	71	19	1 751 897 M91	39	3
1 750 875 M1	43	39	1 751 500 M1	71	21	1 751 898 M1	39	7
1 750 877 M91	43	23	1 751 502 M1	71	24	1 751 899 M1	39	8
1 750 882 M1	41	56	1 751 504 M1	71	25	1 751 900 M1	39	4
1 751 133 M1	51,53	53,14	1 751 505 M91	71	23	1 751 901 M1	39	6
1 751 165 M1	45	35	1 751 506 M1	71	30	1 751 902 M91	39	41
1 751 167 M1	45	30	1 751 507 M1	71	16	1 751 903 M1	39	44
1 751 168 M1	45	8	1 751 524 M1	73	7	1 751 904 M1	39	25
1 751 169 M91	45	29	1 751 606 M1	73	-	1 751 908 M1	49	41
1 751 170 M91	45	33	1 751 618 M91	73	25	1 751 913 M1	37	21
1 751 171 M91	45	15	1 751 620 M1	49,51	36,6	1 751 916 M1	37	19
1 751 172 M91	45	11	1 751 635 M91	23	53	1 752 057 M91	49	7
1 751 173 M1	45	10	1 751 636 M1	53	34	1 752 304 M91	43	9
1 751 174 M1	45	16	1 751 693 M91	23	59	1 752 305 M1	43	17
1 751 175 M1	45	23	1 751 694 M1	23	60	1 752 306 M1	43	16
1 751 176 M1	45	24	1 751 695 M91	23	53	1 752 393 M91	49	11
1 751 177 M91	45	12	1 751 707 M1	71	38	1 752 394 M91	53	1
1 751 178 M91	45	22	1 751 710 M1	71	26	1 752 395 M91	53	-
1 751 179 M1	45	28	1 751 711 M1	71	39	1 752 397 M91	57	5
1 751 180 M1	45	9	1 751 725 M1	25,27	29,29	1 752 399 M91	57	5
1 751 181 M91	45	2	1 751 728 M1	27	23	1 752 401 M91	57	2
1 751 182 M1	45	3	1 751 729 M91	25	23	1 752 402 M91	57	2
1 751 183 M1	45	14	1 751 730 M1	25,27	30,30	1 752 417 M91	45	19
1 751 184 M1	45	18	1 751 732 M1	25,27	18,18	1 752 610 M1	37	45
1 751 185 M1	45	6	1 751 733 M1	25,27	31,31	AT 1 040	75	6
1 751 186 M1	45	34	1 751 737 M1	25,27	10,10	GK 4 203	75	23
1 751 187 M91	45	36						

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