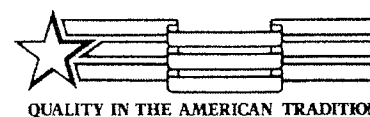
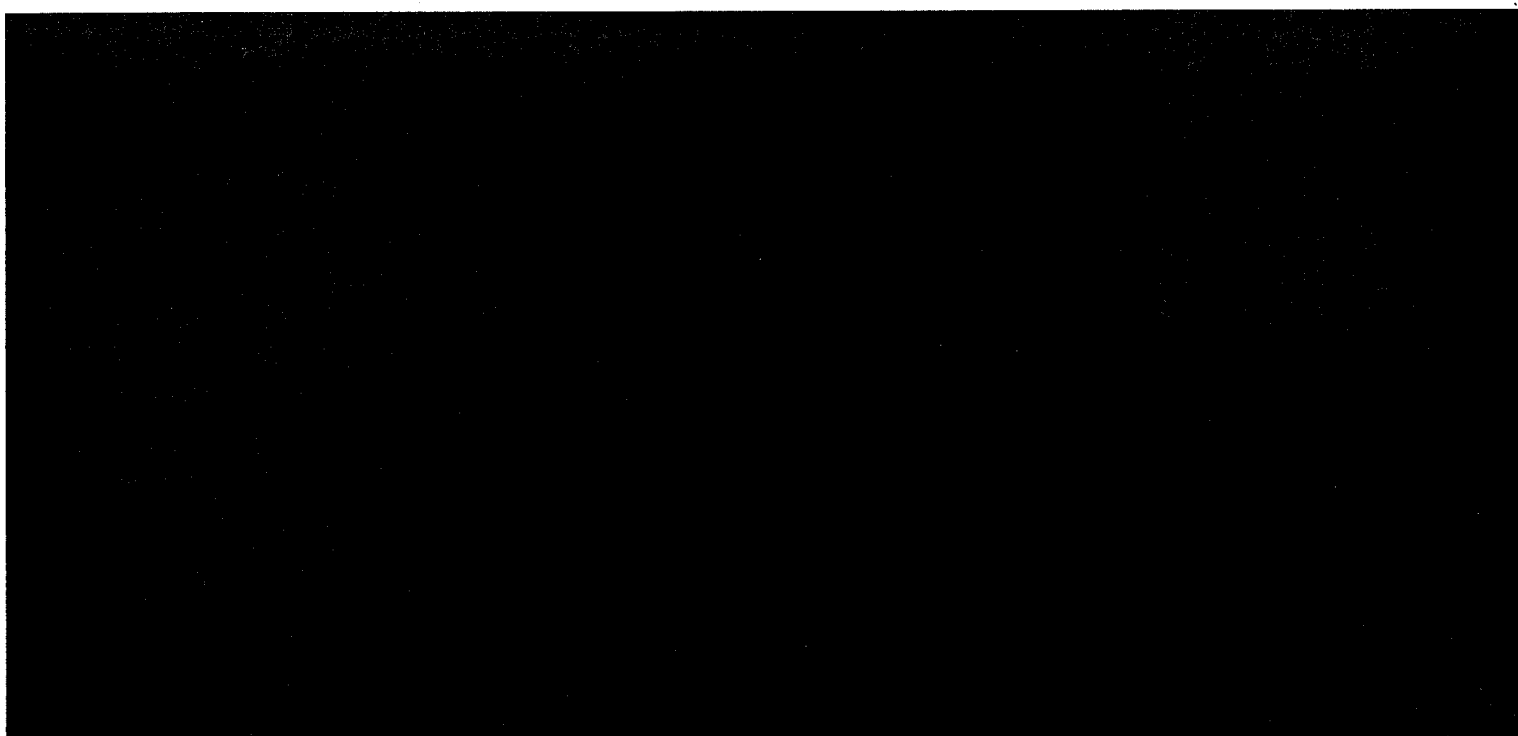


Models 155 and 195 Compact Tractors

Parts Catalog B997



Ingersoll Tractor Co.

Portland, Maine 04103

REVISION RECORD LOG

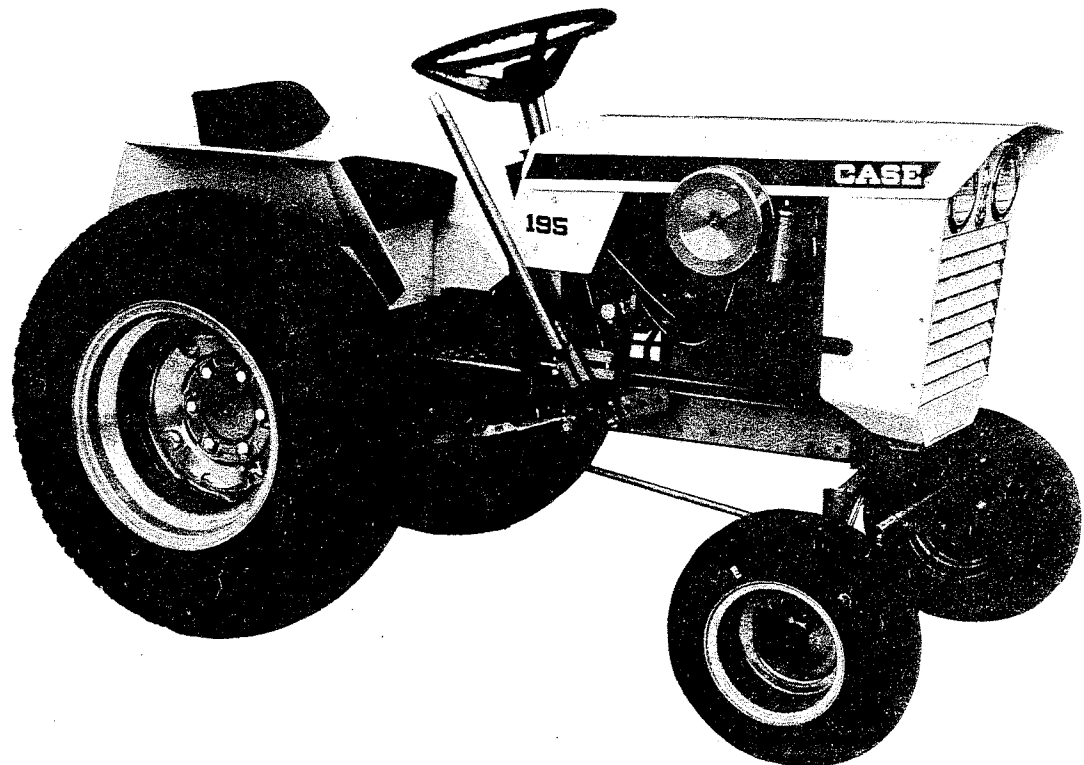
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MODELS 155 AND 195 COMPACT TRACTORS

Parts Catalog B997

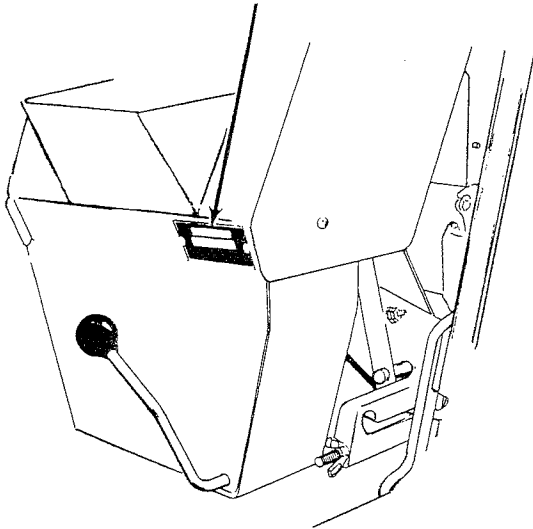
Hi-Liter 2500 10-76 PRINTED IN U.S.A.

Note: This parts catalog replaces the previous issue - A997 - which is obsolete and should be discarded.

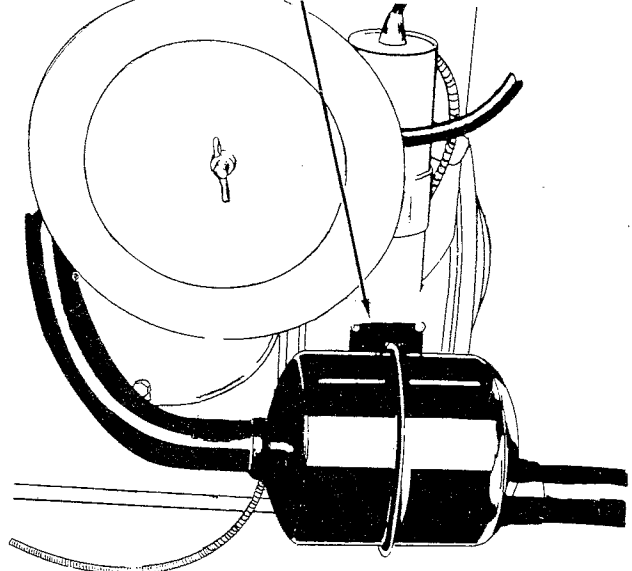


CASE 155 AND 195 GARDEN TRACTORS

TRACTOR MODEL AND
SERIAL NUMBER



ENGINE MODEL, SERIAL AND
SPECIFICATION NUMBER



NOTE: THIS CATALOG IS FOR USE WITH MODEL 155 TRACTORS WITH SERIAL NUMBERS 9615882 AND AFTER AND MODEL 195 TRACTORS WITH SERIAL NUMBERS 9620622 AND AFTER. USE PARTS CATALOG NO. 989 FOR MODEL 155 AND 195 TRACTORS WITH SERIAL NUMBERS PRIOR TO THOSE LISTED ABOVE.

TRACTOR MODEL DESIGNATIONS	ENGINE MODEL DESIGNATIONS
155 TRACTOR	K241 A Engine - C12178 SPEC. NO. 46352-D
195 TRACTOR	K301 A Engine - C12179 SPEC. NO. 4770-B

Serial Numbers

When using this catalog, notice the reference to serial numbers of various components noted here and listed in the "description" copy. By referring to correct serial numbers, proper parts identification will be assured.

GENERAL INFORMATION

Indexes

This Parts Catalog is arranged for easy identification of Genuine CASE Service Parts. An alphabetical index is provided at the front of this Catalog to locate the major groups or assemblies. A numerical index at the rear of the Catalog gives the part numbers and the pages on which they are described.

Illustrations

All parts are illustrated in "Exploded Views" which show the individual parts in their normal relationship to each other. Reference numbers are used in the illustrations. These numbers correspond to those in the "Reference Number" column and are followed by the part number, description and quantity required.

Orders

Orders should plainly specify correct part number, full description, quantity required, machine model and engine model, machine and engine serial numbers, method of shipment and shipping address.

Changes

When changes to the machine make it necessary, revised pages for this book will be issued. The revised pages will be issued with the same page number as those they replace and the "issue" number and date will be advanced.

It is imperative that revised Parts Book pages be inserted into their respective Parts Books as soon as received. Failure to do so will lead to confusion and defeat the purpose of the book.

Indented Description

Indented parts in the descriptive list are a part of the preceding assembly or sub-assembly.

The quantity shown in the "Number Required" column is the number of parts used on a machine except where parts are indented in descriptive list. In this case the quantity shown is the number required for the preceding assembly or sub-assembly.

REF.	PART NO.	DESCRIPTION	REQ'D
	A 55159	CYLINDER ASSY - rear steering	1
28	A 56208	SOCKET ASSY - rear cylinder	1
29	A 55956	PLUG - adjusting, socket assy	1
30	A 55957	SEAT - socket ball.	2
31	A 56210	SPRING - socket	1
32	A 56209	SEAT - socket spring	1
33	G 45175	CLAMP ASSY - socket assy.	1
	16- 836	BOLT - 1/2" x 2-1/4" N.F.hex.	1
34	132- 104	PIN - cotter, 3/16" x 3"	1
35	A 55889	STUD - ball, socket & cylinder	2
36	13- 410	BOLT - 1/4" x 5/8" N.C., hex.	4
37	92- 4	LOCKWASHER - 1/4" SAE	4

Terms "Right Hand" and "Left Hand"

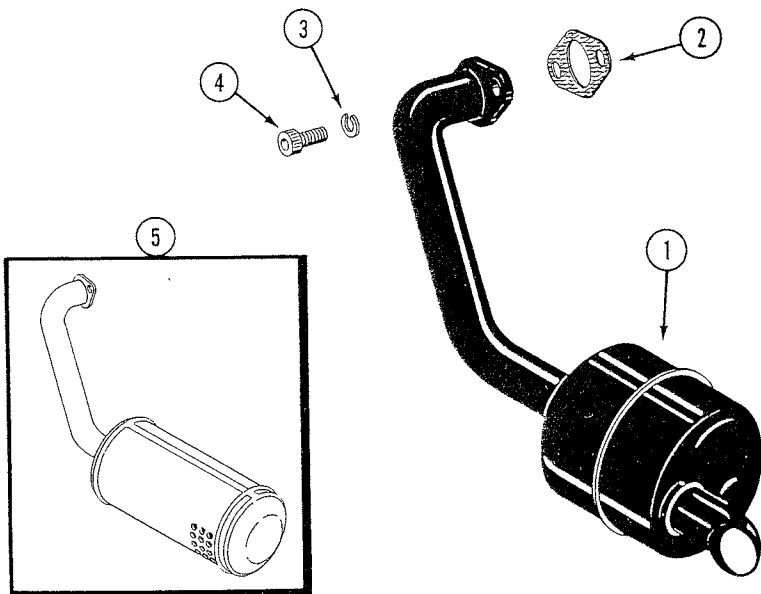
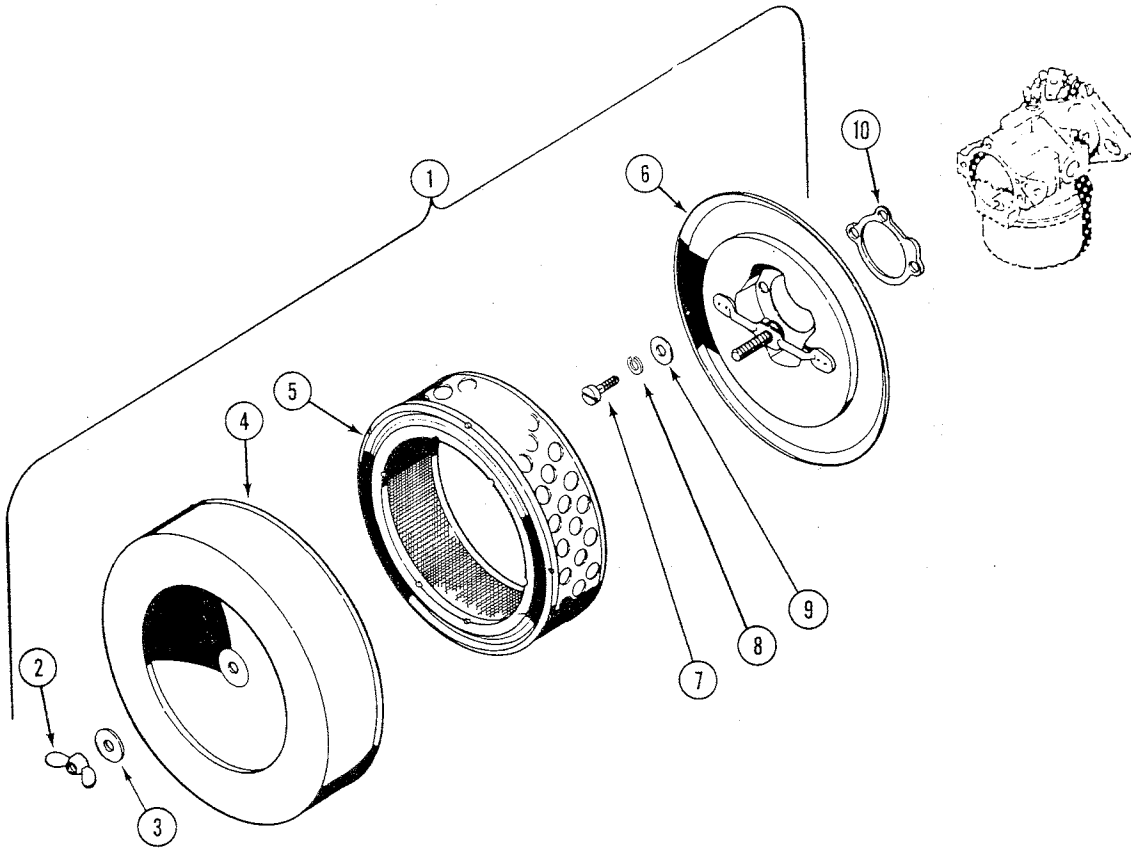
The terms "Right Hand" and "Left Hand" whenever used in this Catalog refers to the machine as viewed when seated in the operator's seat facing the direction of travel.

ALPHABETICAL INDEX ENGINE SECTION

	155	195		155	195
			Page		Page
Air Cleaner	5	5		Filter, Breather	7
Battery	51-53	51-53		Flywheel	13
Belt, Starter-Generator	25	25		Fuel Strainer	21
Breather, Crankcase	7	7		Fuel System	19
Camshaft	7	7		Gasket Kits	13
Carburetor	21	21		Governor	17
Connecting Rod	9	11		Muffler	5
Crankshaft	9	11		Oil Pan	13
Cylinder Block	13	15		Piston	9
Cylinder Head	13	15		PTO, Front	23
Electrical System	51-53	51-53		Pulley, Clutch	23
Engine Block & Attaching				Spark Plug	51
Parts	13-15	13-15		Starter-Generator	25
Exchanger, Heat	35	35		Tank, Fuel	19
Exhaust System	5	5		Throttle Linkage	17
Fan	17	17		Valves	7

BASIC TRACTOR SECTION

Axle, Front (155)	29	Hydraulics (Continued)	
Axle, Front (195)	29B	Motor, Hydraulic Drive	41
Rear	33	Pump	39
Baffles & Shrouds	17	Valve, Control	37
Brakes, Disc Type	31-49	Valve, Control Linkage	37
Decals	43	Hydraulic Lift Kit (E-25)	57-59
Drawbar	47	Implement Lift Lever	47
Fenders	43	Instruments	51-53
Frame	45	Seat, Operator's	43
Grille	45	Speed Control	49
Headlights	51	Steering Wheel & Gear	27
Hitch	47	Tool Box	43
Hood	45	Tow Hitch	47
Hydraulics	35-41	Transmission	33
Coupling, Pump Drive	39	Wheels, Front & Rear	31
Hoses, Lines & Fittings	35	Wheel Weights	55

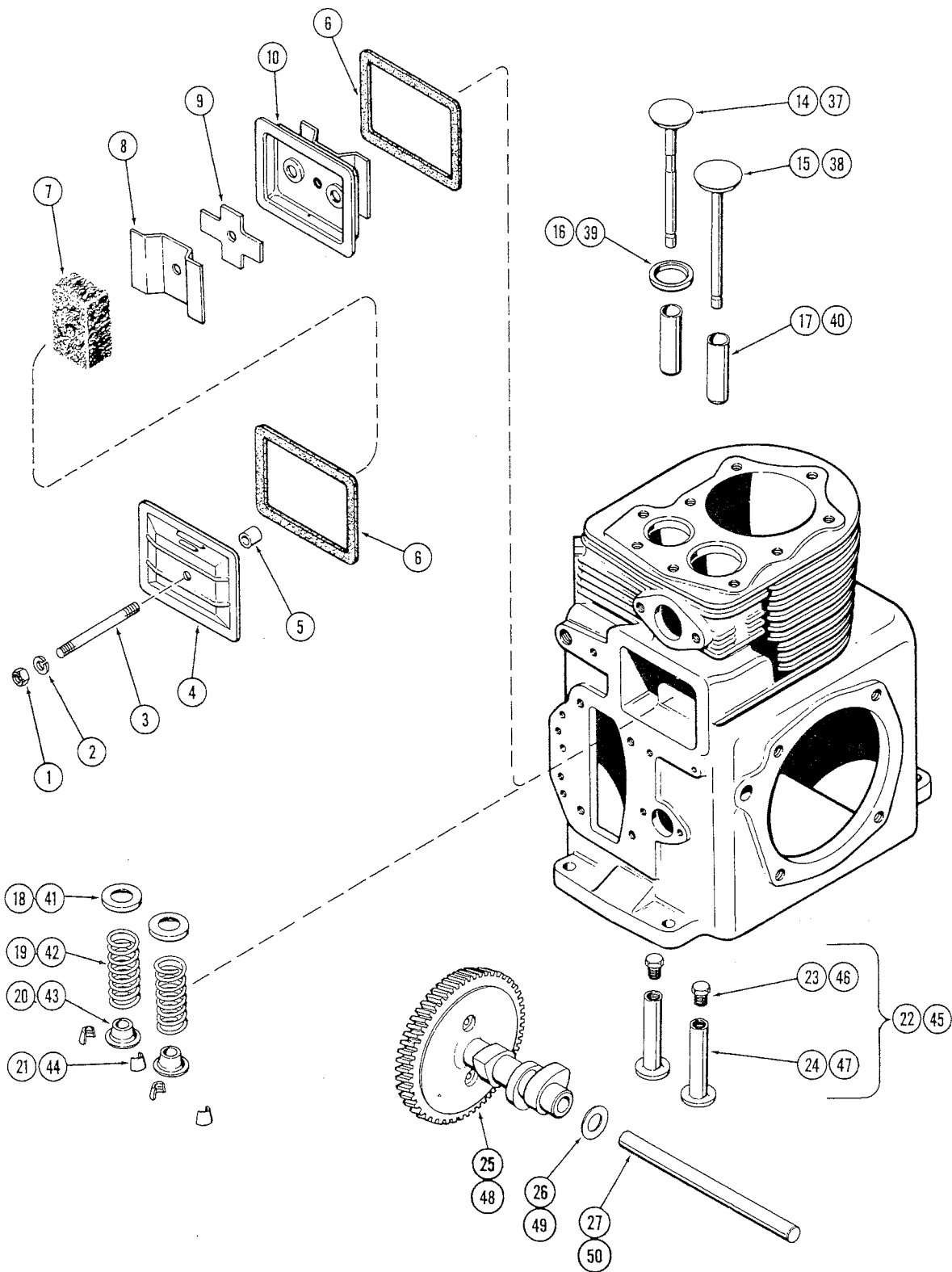


AIR CLEANER

REF. PART NO.	DESCRIPTION	REQ'D
1 KOA235100	AIR CLEANER ASSY	1
2 129- 409	NUT - wing, 3/8" N.C.	1
3 KOA 536	WASHER - copper	1
4 NSS	COVER - air cleaner (Order KOA235100)	1
5 A 70090	ELEMENT - air cleaner	1
6 NSS	BASE - air cleaner (Order KOA235100)	1
7 177- 94	SCREW - fill. hd. 10-32 5/16"	3
8 192- 18	LOCKWASHER - 3/16"	3
9 195- 512	WASHER - plain, 3/16"	3
10 KO 275341	GASKET - air horn	1

EXHAUST SYSTEM

1 NSS	MUFFLER - exhaust (Order item 5)	1
2 C 10372	GASKET - exhaust pad	1
3 92- 5	LOCKWASHER - 5/16"	2
4 61- 510	SCREW - 5/16-18 x 5/8" socket hd.	2
5 C 18039	MUFFLER - exhaust	1



CRANKCASE BREATHER

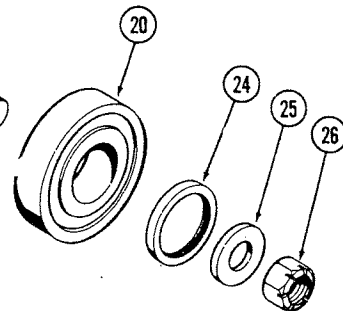
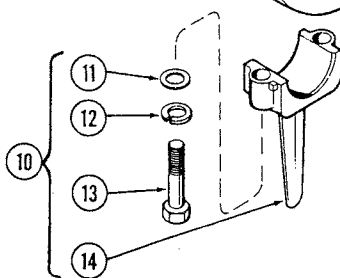
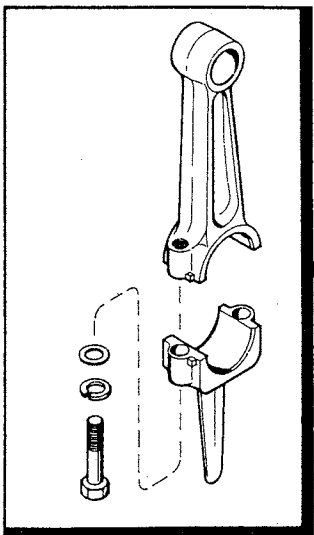
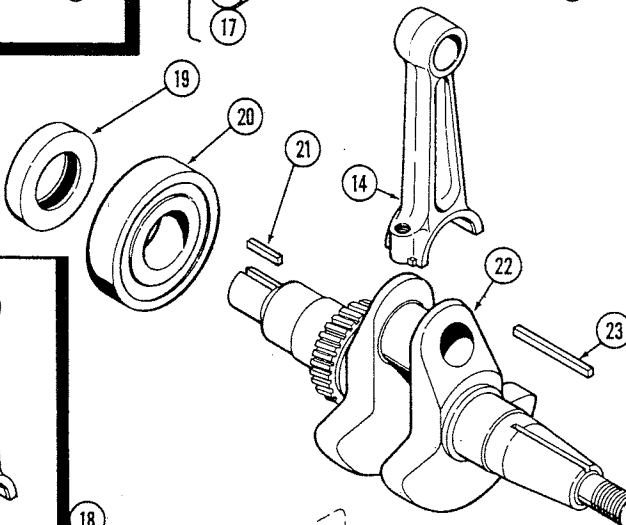
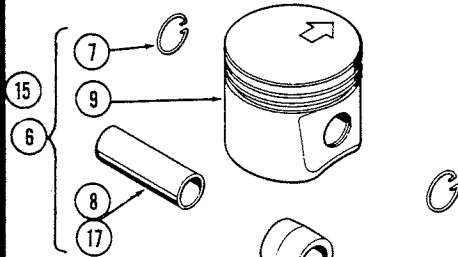
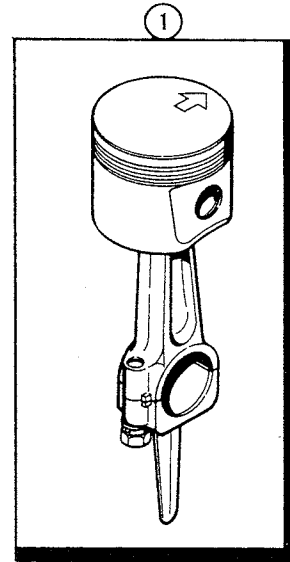
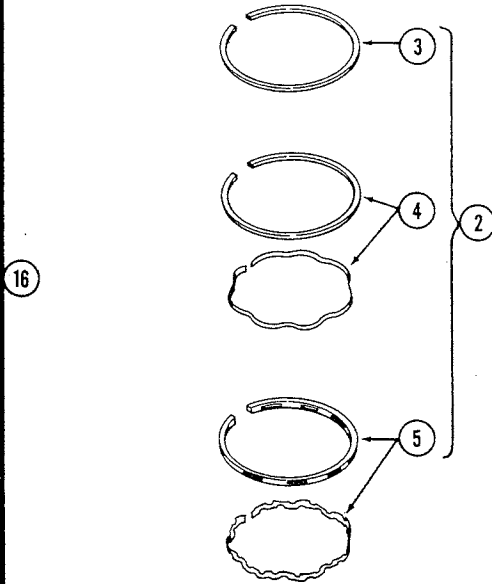
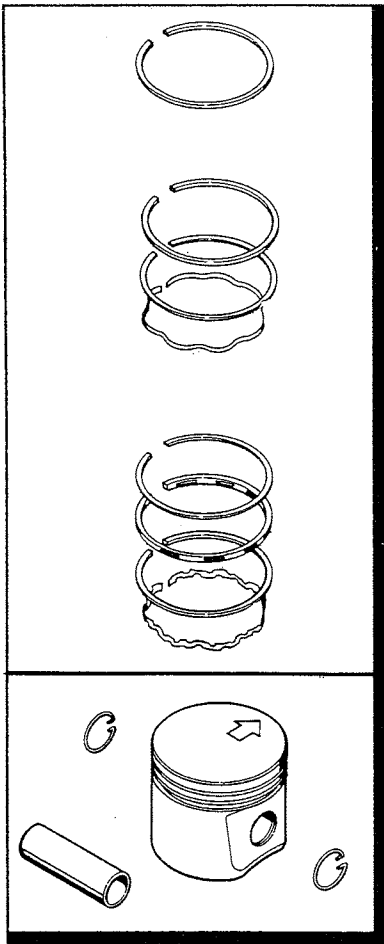
REF.	PART NO.	DESCRIPTION	REQ'D
1	25- 104	NUT - 1/4" N. C. hex	1
2	92- 4	LOCKWASHER - 1/4"	1
3	KO 275220	STUD - valve cover	1
4	KO 275143	COVER - valve	1
5	KO 231032	SEAL - breather	1
6	KO 235048	GASKET - valve cover	2
7	KO 235118	FILTER - breather	1
8	KO 235117	BAFFLE - breather	1
9	KO 235047	REED - breather	1
10	KO 235631	PLATE - breather	1

155 CAMSHAFT AND VALVES

14	KO 235826	VALVE - exhaust	1
15	KO 235008	VALVE - intake	1
16	KO 230170	INSERT - exhaust valve seat	1
17	KO 235007-S	GUIDE - valve	2
18	KO 235011	SEAT - valve spring	2
19	KO 235010	SPRING - valve	2
20	KO 230011	RETAINER - valve spring	2
21	KO 240013	LOCK - valve retainer	4
22	KOA235327	LIFTER ASSY	2
23	NSS	SCREW - tappet adjusting	1
24	NSS	LIFTER - valve	1
25	KOE235646	CAMSHAFT ASSY	1
26	KO 275066	SPACER - camshaft, .005"	UAR
26	KO 275067	SPACER - camshaft, .010"	UAR
27	KO 235053	PIN - camshaft	1

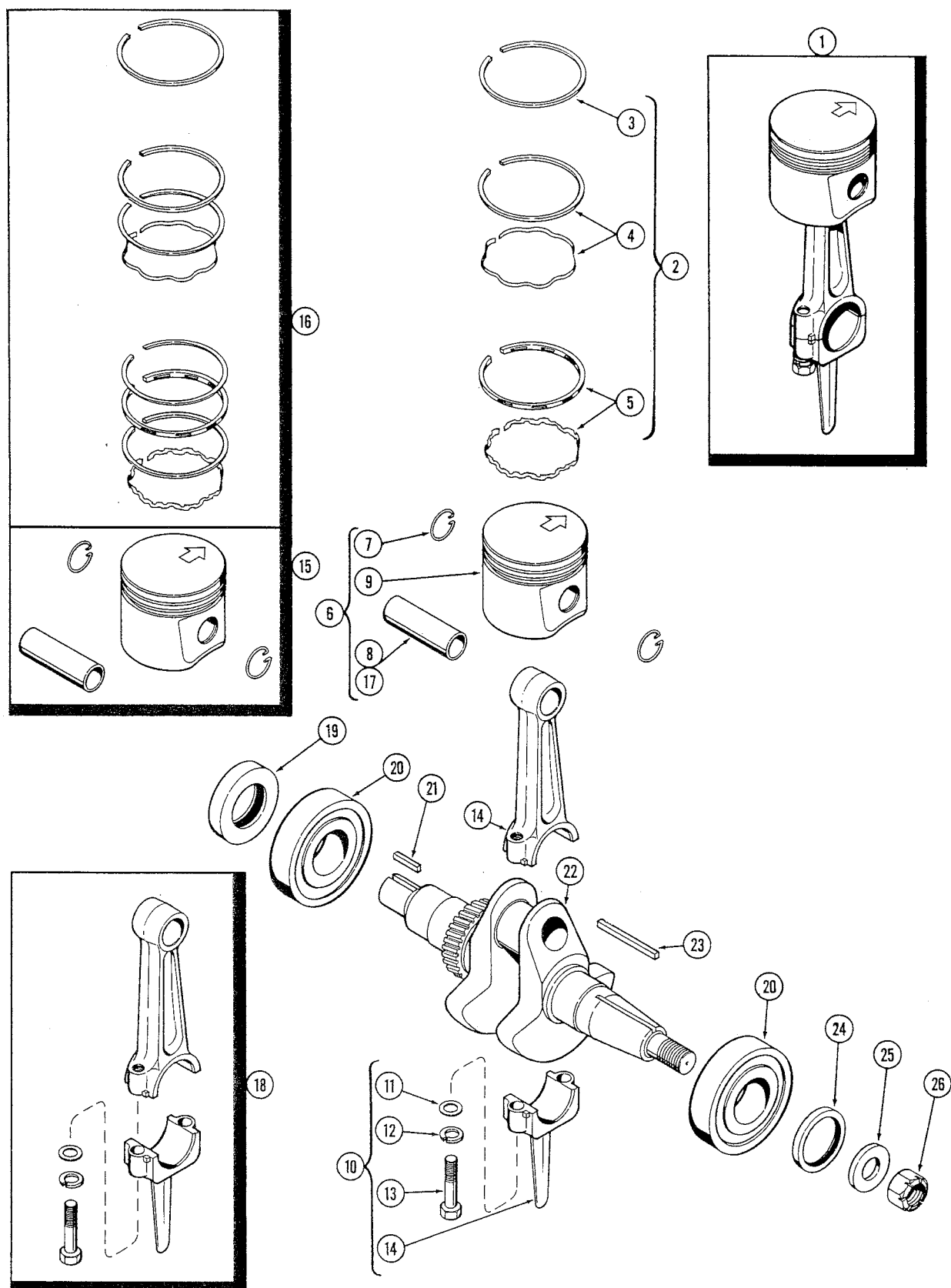
195 CAMSHAFT AND VALVES

37	KO 235826	VALVE - exhaust	1
38	KO 235008	VALVE - intake	1
39	KO 230170	INSERT - exhaust valve seat	1
40	KO 235007-S	GUIDE - valve	2
41	KO 235011	SEAT - valve spring	2
42	KO 235010	SPRING - valve	2
43	KO 230011	RETAINER - valve spring	2
44	KO 240013	LOCK - valve retainer	4
45	KOA235327	LIFTER ASSY	2
46	NSS	SCREW - tappet adjusting	1
47	NSS	LIFTER - valve	1
48	KOE235646	CAMSHAFT ASSY	1
49	KO 275066	SPACER - camshaft, .005"	UAR
49	KO 275067	SPACER - camshaft, .010"	UAR
50	KO 235053	PIN - camshaft	1



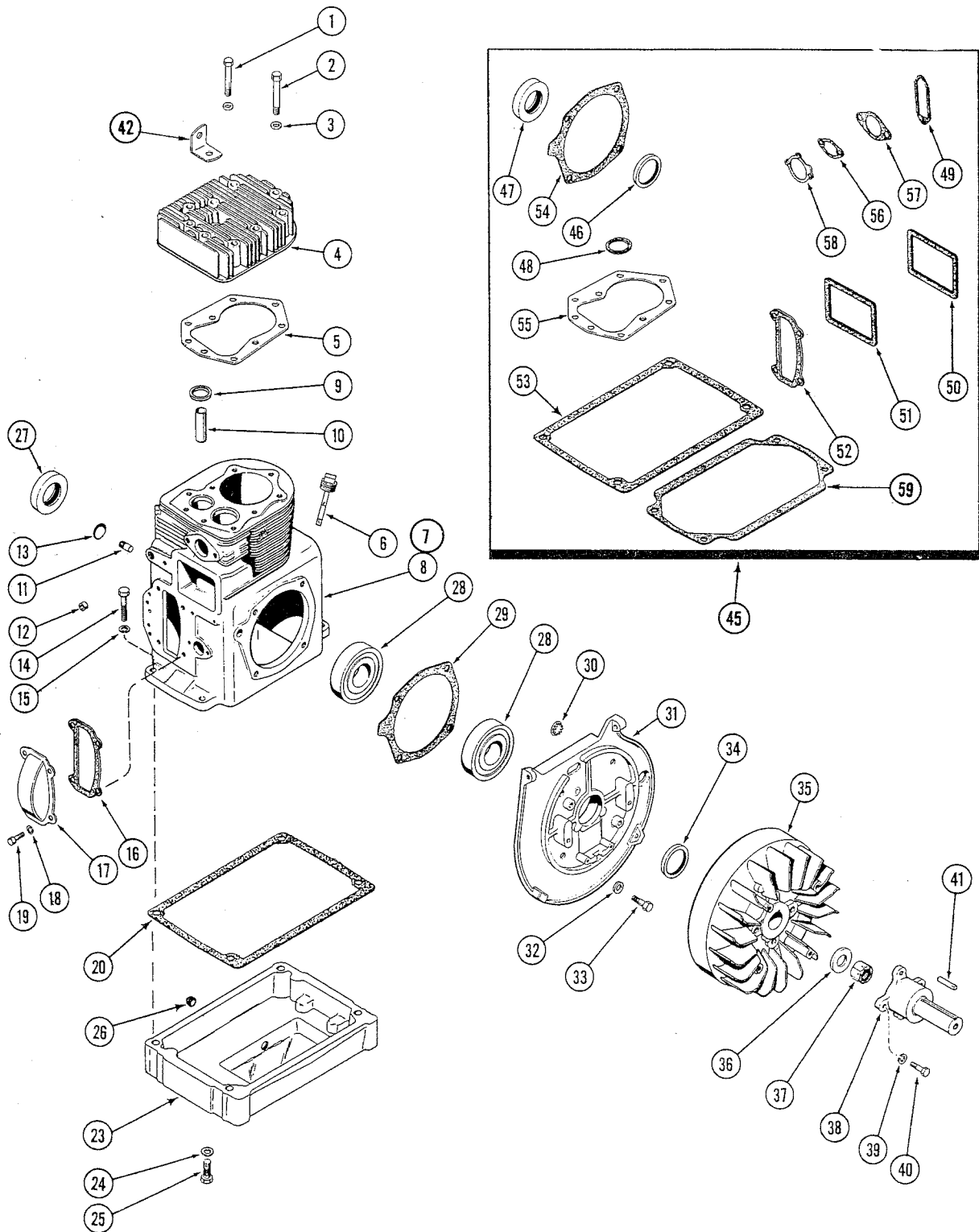
155 CRANKSHAFT, PISTON — CONNECTING ROD

REF. PART NO.	DESCRIPTION	REQ'D
1 NSS	PISTON AND ROD ASSY. (Std. size)	1
2 KO 235287	RING SET - piston (for oversize see item 16)	1
3 NSS	RING - top compression	1
4 NSS	RING - 2nd compression (incl. expander)	1
5 NSS	RING - oil (incl. expander)	1
6 KOA235611	PISTON ASSY (for oversize see item 15)	1
7 KO 235004	RETAINER - piston pin	2
8 KO 235572	PIN - piston	1
9 NSS	PISTON	1
10 KOA235139	CONNECTING ROD ASSY (for undersize see item 18)	1
11 KO 235003	WASHER - special	2
12 192- 111	LOCKWASHER	2
13 KO 235526	SCREW - cap, connecting rod	2
14 NSS	ROD - connecting	1
15 KOA235569	PISTON ASSY - .010" oversize	1
15 KOA235571	PISTON ASSY - .020" oversize	1
15 KOA235616	PISTON ASSY - .030" oversize	1
16 KO 235288	RING SET - piston .010" oversize	1
16 KO 235289	RING SET - piston .020" oversize	1
16 KO 235290	RING SET - piston .030" oversize	1
17 KO 235573	PIN - piston, .005" oversize	1
18 C 18101	CONNECTING ROD ASSY. - .010" undersize	1
19 R 16287	OIL SEAL - crankshaft rear	1
20 40035	BEARING - crankshaft ball	2
21 W 5063-S	KEY - 1/4" square x 3/4" (pump cplg)	1
22 KOB235711	CRANKSHAFT	1
23 C 18104	KEY - flat 1/4" x 3/16" x 1-3/4" (flywheel)	1
24 C 18097	OIL SEAL - crankshaft front	1
25 C 18096	WASHER - 3/4"	1
26 131- 301	NUT - special Marsden 3/4" NF	1



195 CRANKSHAFT, PISTON — CONNECTING ROD

REF.	PART NO.	DESCRIPTION	REQ'D
1	NSS	PISTON AND ROD ASSY. (Std. size)	1
2	KO 235889	RING SET - piston (for oversize see item 16)	1
3	NSS	RING - top compression	1
4	NSS	RING - 2nd compression (incl. expander)	1
5	NSS	RING - oil (incl. expander)	1
6	KOA235827	PISTON ASSY (for oversize see item 15)	1
7	KO 235811	RETAINER - piston pin	2
8	KO 235803	PIN - piston	1
9	NSS	PISTON	1
10	KOA237344	CONNECTING ROD ASSY (for undersize see item 18)	1
11	KO 235003	WASHER - special	2
12	192- 111	LOCKWASHER	2
13	KO 235526	SCREW - cap, connecting rod	2
14	NSS	ROD - connecting	1
15	KOA235865	PISTON ASSY - .010" oversize	1
15	KOA235866	PISTON ASSY - .020" oversize	1
15	KOA235867	PISTON ASSY - .030" oversize	1
16	KO 235890	RING SET - piston .010" oversize	1
16	KO 235891	RING SET - piston .020" oversize	1
16	KO 235892	RING SET - piston .030" oversize	1
17	KO 235868	PIN - piston .005" oversize	1
18	C 18102	CONNECTING ROD ASSY. - .010" undersize	1
19	R 16287	OIL SEAL - crankshaft rear	1
20	40035	BEARING - crankshaft ball	2
21	W 5063-S	KEY - 1/4" square x 3/4" (pump cplg.)	1
22	KOB235949	CRANKSHAFT	1
C	C 18104	KEY - flat 1/4" x 3/16" x 1-3/4" (flywheel)	1
24	C 18097	OIL SEAL - crankshaft front	1
25	C 18096	WASHER - 3/4"	1
26	131- 301	NUT - special Marsden 3/4" NF	1

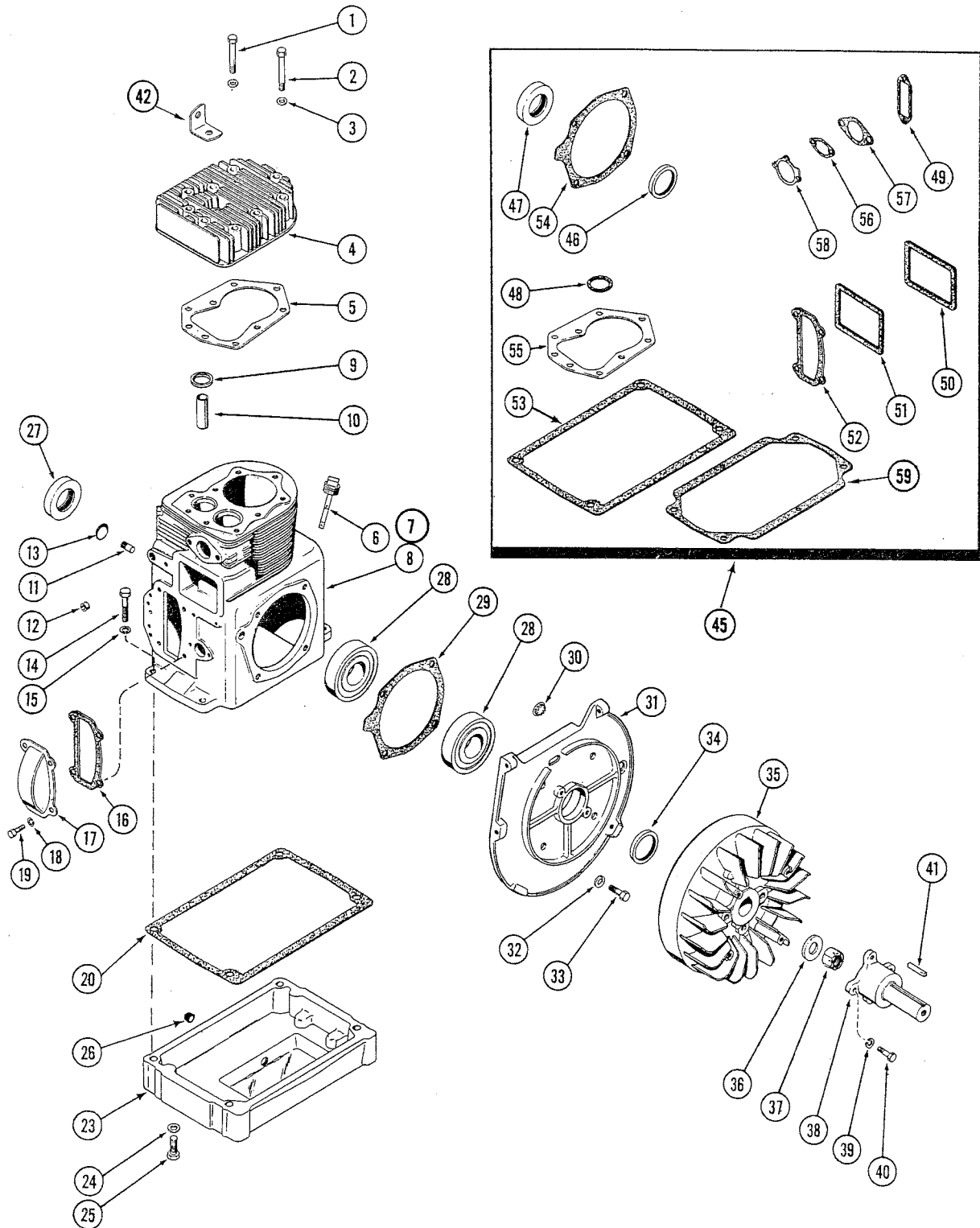


155 ENGINE BLOCK AND ATTACHING PARTS

REF.	PART NO.	DESCRIPTION	REQ'D
1	KO 271077	BOLT - cyl. hd. (length 2-1/4")	6
2	KO 235175	BOLT - cyl. hd. (length 2-1/2")	3
3	KO 270889	WASHER - cyl. hd. bolt	9
4	KO 235656	HEAD - cylinder	1
5	KO 237658	GASKET - head	1
6	KO 235747	DIPSTICK ASSY	1
7	KOB236303	BLOCK ASSY - cyl., short (incl. crankshaft, rod assy governor, camshaft, valves, bearings and plate)	1
8	KOA237871	BLOCK ASSY - cyl., stripped (Std. bore)	1
9	KO 230170	INSERT - exhaust valve	1
10	KO 235007-S	GUIDE - valve	2
11	KO 235125-S	SHAFT - stub, governor	1
12	C 18103	BEARING - needle, governor shaft	1
13	41- 18	PLUG - expansion	1
14	113- 206	BOLT - 3/8" x 7/8" N.C. hex plated	4
15	192- 21	LOCKWASHER - 3/8" SAE plated	4
16	KO 235025	GASKET - camshaft cover	1
17	KO 235026	COVER - camshaft gear	1
18	192- 19	LOCKWASHER - 1/4" plated	4
19	113- 6	BOLT - 1/4" x 1/2" UNC, plated	4
20	KO 235353	GASKET - oil pan	1
23	KO 237808	BASE - oil pan	1
24	192- 21	LOCKWASHER - 3/8" plated	4
25	115- 204	BOLT - 3/8" x 1" N.C. hex plated	4
26	221- 2	PLUG - pipe, 1/4" sq. hd.	1
27	R 16287	OIL SEAL - crankshaft rear	1
28	40035	BEARING - crankshaft ball	2
29	KO 235757	GASKET - shim, bearing plate, .010"	6
29	KO 235070	GASKET - shim, .010"	UAR
30	205- 27	PLUG - button, timing hole	1
31	KO 235815	PLATE - bearing	1
32	192- 21	LOCKWASHER - 3/8" plated	4
33	113- 207	BOLT - 3/8" x 1" N.C. plated	4
34	C 18097	OIL SEAL - crankshaft front	1
35	KO 235818	FLYWHEEL	1
36	195- 545	WASHER - special, plated	1
37	131- 301	NUT - special Marsden	1
38	KO 235954	SHAFT - frt. drive stub	1
39	192- 21	LOCKWASHER - 3/8" SAE plated	4
40	113- 208	BOLT - 3/8" x 1-1/4" N.C. hex	4
41	W 5063-S	KEY - 1/4" sq. x 3/4"	1
42	KO 235748	STRAP - lifting	1

ENGINE GASKET AND SEAL KIT

45	KO 237727	KIT - engine gasket and seal	1
46	C 18097	SEAL - crankshaft front oil	1
47	R 16287	SEAL - crankshaft rear oil	1
48	B 59393	GASKET - fuel strainer bowl	1
49	KO 220174	GASKET - breaker cover	1
50	KO 231032	SEAL - breather	1
51	KO 235048	GASKET - valve cover	2
52	KO 235025	GASKET - camshaft gear cover	1
53	KO 235353	GASKET - oil pan	1
54	KO 235757	GASKET - shim, bearing plate .010"	6
54	KO 235070	GASKET - shim, .010"	UAR
55	KO 237658	GASKET - cyl. head	1
56	A 72108	GASKET - fuel pump flange	1
57	A 72100	GASKET - carburetor flange	1
58	KO 275341	GASKET - carburetor air horn	1
59	KO 235057	GASKET - oil pan (not used on this model)	1

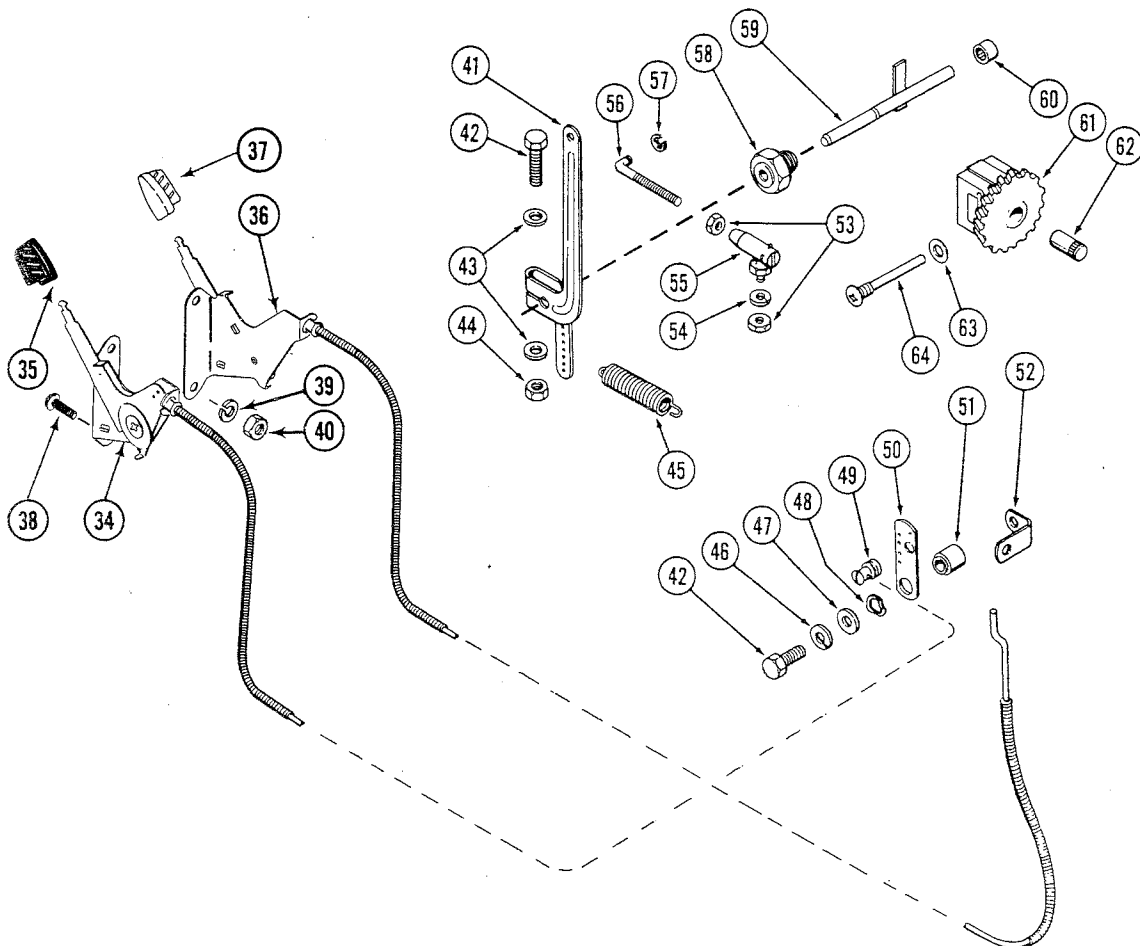
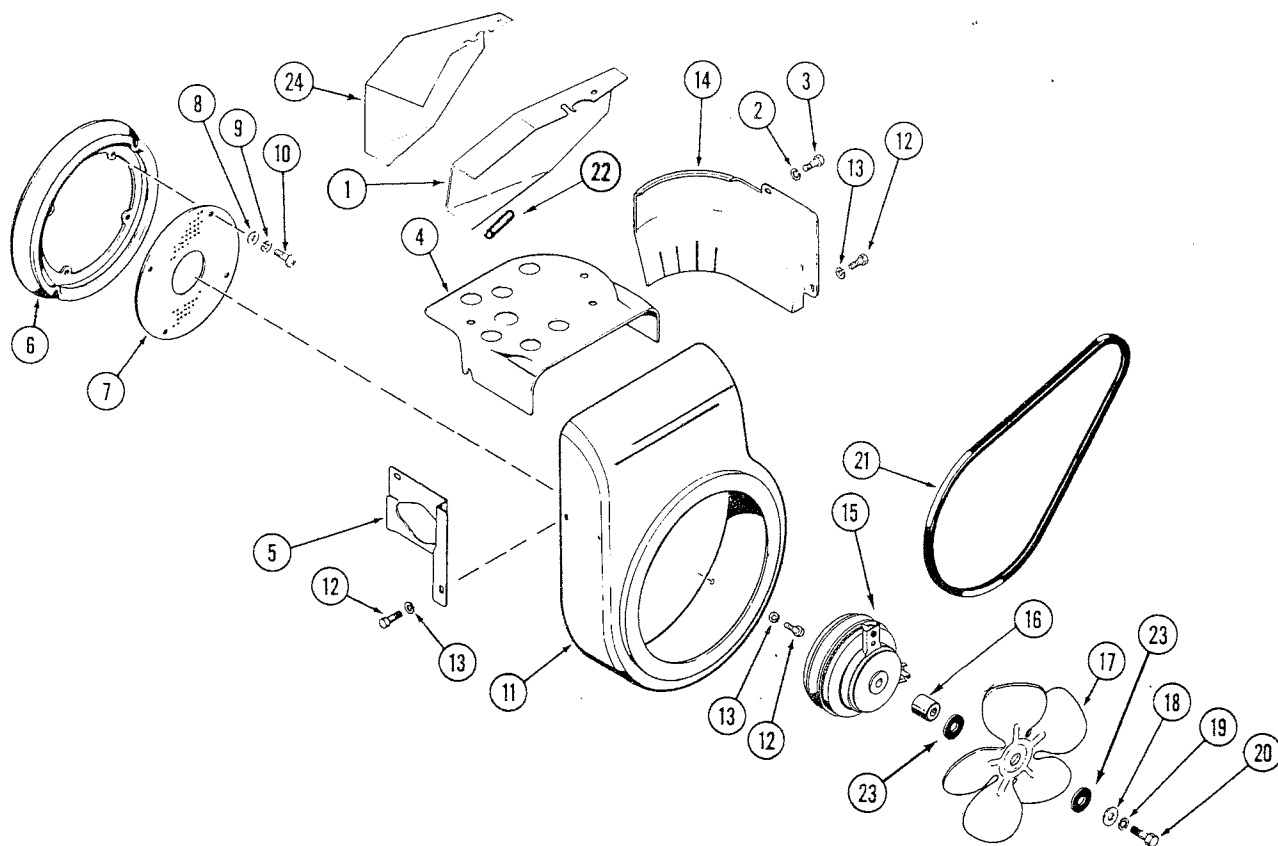


195 ENGINE BLOCK AND ATTACHING PARTS

REF.	PART NO.	DESCRIPTION	REQ'D
1	KO 271077	BOLT - cyl. hd. (length 2-1/4")	6
2	KO 235175	BOLT - cyl. hd. (length 2-1/2")	3
3	KO 270889	WASHER - cyl. hd. bolt	9
4	KO 235820	HEAD - cyl.	1
5	KO 237658	GASKET - head	1
6	KO 235747	DIPSTICK ASSY	1
7	KOB 236293	BLOCK ASSY - cyl., short (incl. crankshaft, rod assy governor, camshaft, valves, bearings and plate)	1
8	C 23145	BLOCK ASSY - cyl., standard bore	1
9	KO 230170	INSERT - exhaust valve	1
10	KO 235007-S	GUIDE - valve	2
11	KO 235125-S	SHAFT - stub, governor	1
12	C 18103	BEARING - needle, governor shaft	1
13	41- 18	PLUG - expansion	1
14	113- 206	BOLT - 3/8" x 1-1/4" N.C. hex plated	4
15	192- 21	LOCKWASHER - 3/8" plated	4
16	KO 235025	GASKET - camshaft cover	1
17	KO 235026	COVER - camshaft gear	1
18	192- 19	LOCKWASHER - 1/4" plated	4
19	113- 6	BOLT - 1/4" x 1/2" UNC plated	4
20	KO 235353	GASKET - oil pan	1
23	KO 237808	BASE - oil pan	1
24	192- 21	LOCKWASHER - 3/8" plated	4
25	115- 204	BOLT - 3/8" x 1" N.C. hex plated	4
26	221- 2	PLUG - pipe, 1/4" sq. hd.	1
27	R 16287	OIL SEAL - crankshaft rear	1
28	40035	BEARING - crankshaft ball	2
29	KO 235757	GASKET - shim, bearing plate .010"	6
29	KO 235070	GASKET - shim, .010"	UAR
30	205- 27	PLUG - button, timing hole	1
31	KO 235815	PLATE - bearing	1
32	192- 21	LOCKWASHER - 3/8" plated	4
33	113- 207	BOLT - 3/8" x 1" N.C. plated	4
34	C 18097	OIL SEAL - crankshaft front	1
35	KO 235818	FLYWHEEL	1
36	195- 545	WASHER - special, plated	1
37	131- 301	NUT - special Marsden	1
38	KO 235954	SHAFT - frt. drive stub	1
39	192- 21	LOCKWASHER - 3/8" SAE plated	4
40	113- 208	BOLT - 3/8" x 1-1/4" N. C. hex plated	4
41	W 5063-S	KEY - 1/4" sq. x 3/4"	1
42	KO 235748	STRAP - lifting	1

ENGINE GASKET AND SEAL KIT

45	KO 237727	KIT - engine gasket and seal	1
46	C 18097	SEAL - crankshaft front oil	1
47	R 16287	SEAL - crankshaft rear oil	1
48	B 59393	GASKET - fuel strainer bowl	1
49	KO 220174	GASKET - breaker cover	1
50	KO 231032	SEAL - breather	1
51	KO 235048	GASKET - valve cover	2
52	KO 235025	GASKET - camshaft gear cover	1
53	KO 235353	GASKET - oil pan	1
54	KO 235757	GASKET - shim, bearing plate, .010"	6
54	KO 235070	GASKET - shim, .010"	UAR
55	KO 237658	GASKET - cyl. head	1
56	A 72108	GASKET - fuel pump flange	1
57	A 72100	GASKET - carburetor flange	1
58	KO 275341	GASKET - carburetor air horn	1
59	KO 235057	GASKET - oil pan (not used on this model)	1

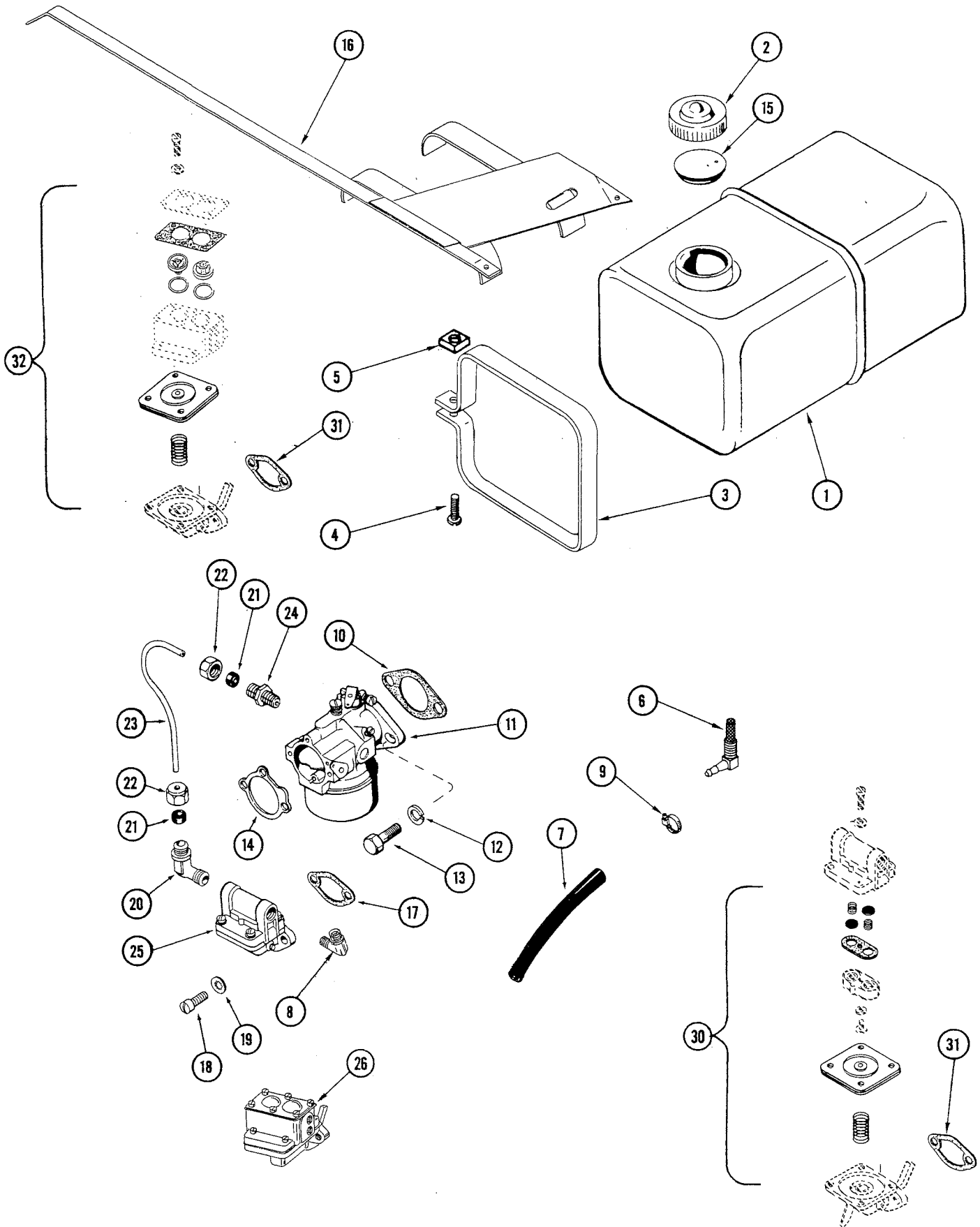


BAFFLES, SHROUDS AND CLUTCH PULLEY

REF.	PART NO.	DESCRIPTION	REQ'D
1	NSS	DEFLECTOR - engine air (Order item 24)	1
2	192- 19	LOCKWASHER - 1/4", plated	2
3	113- 6	BOLT - 1/4" x 1/2" N.C. hex plated	2
4	KO 235955	BAFFLE - cylinder head	1
5	KO 235368	BAFFLE - carburetor side air	1
6	KO 235207	PULLEY - starter	1
7	KO 235052	SCREEN - blower air intake	1
8	195- 515	WASHER - 1/4" plated	4
9	192- 19	LOCKWASHER - 1/4" plated	4
10	175- 436	SCREW - 1/4" x 5/8" N.C. truss hd. Phillips, plated	4
11	KO 235951	HOUSING - blower	1
12	113- 2	BOLT 1/4" x 3/4" N.C. hex hd. plated	4
13	192- 19	LOCKWASHER - 1/4" plated	4
14	KO 235054	BAFFLE - cylinder	1
15	NSS	CLUTCH - pulley (Order C19696 kit)	1
16	C 10312	SPACER - short	1
17	NSS	FAN - engine (order C17217 kit)	1
18	195- 104	WASHER - 3/8" plain	1
19	192- 21	LOCKWASHER - 3/8" SAE	1
20	115- 208	BOLT - 3/8" x 3-1/2" N.C., hex (for pulley clutch)	1
21	A 70205	BELT - drive, starter, generator	1
22	C 12603	CHANNEL - deflector	1
23	C 13756	WASHER - fan, rubber	2
24	C 18296	DEFLECTOR - engine air	1

CHOKE, THROTTLE AND GOVERNOR

34	C 13848	CONTROL - throttle	1
35	C 12224	HANDLE - throttle control	1
36	C 12187	CONTROL - choke	1
37	C 12223	HANDLE - choke control	1
38	111- 1	BOLT - 10-24 x 1/2" rd. hd., square neck	2
39	192- 18	LOCKWASHER - #10 std. plated	2
40	129- 7	NUT - #10-24 plated	2
41	KO 235494	LEVER - governor	1
42	15- 420	BOLT - 1/4" x 1/4" N/C. hex	2
43	195- 515	WASHER, 1/4" plated	2
44	25- 104	NUT - 1/4" hex	1
45	KO 235496	SPRING - governor	1
46	192- 19	LOCKWASHER - 1/4" plated	1
47	C 18098	WASHER - thrust	1
48	KO 275690	WASHER - wavy	1
49	KO 231052	CLAMP - swivel, wire	1
50	KO 235086	LEVER - speed control	1
51	KO 235085	SPACER - speed control bracket	1
52	KO 235084	BRACKET - high speed stop	1
53	129- 37	NUT - #10-32, hex	2
54	192- 18	LOCKWASHER - 3/16" plated	1
55	A 10326	JOINT - ball	1
56	KO 235277	ROD - throttle	1
57	KO 235278	RING - retaining, throttle rod	1
58	KO 235476	BUSHING - governor cross shaft	1
59	KOA235256-S	SHAFT ASSY - governor cross	1
60	C 18103	BEARING - needle governor shaft	1
61	KOA235743-S	GEAR ASSY - governor	1
62	KO 235125-S	SHAFT - governor stud	1
63	C 18099	WASHER - governor stop pin	1
64	KO 231355	PIN - governor stop	1

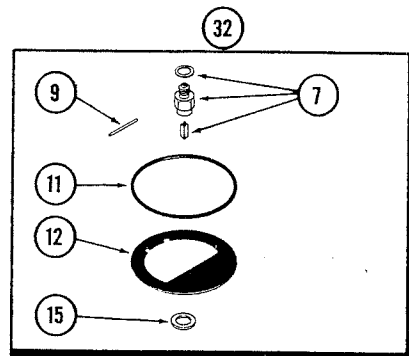
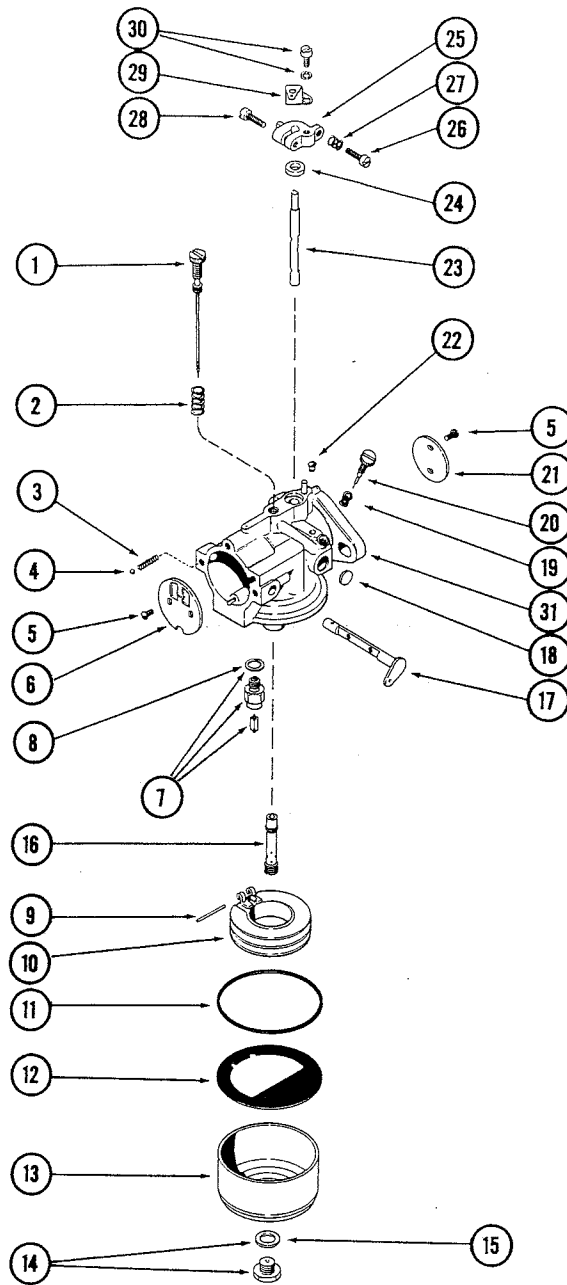


FUEL SYSTEM

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 10479	TANK - fuel	1
2	C 11529	CAP - fuel tank	1
3	A 70100	STRAP - fuel tank mounting	2
4	173- 215	SCREW - 1/4" x 1-1/4" rd. hd.	2
5	129- 294	NUT - square, 1/4" N.C.	2
6	C 10657	ELBOW - fuel line	1
7	C 12211	HOSE - fuel line	1
8	C 10678	FITTING - elbow, fuel line, nylon	1
9	214- 253	CLAMP - 1/2" hose	2
10	A 72100	GASKET - carburetor flange	1
11	A 72073	CARBURETOR ASSEMBLY (Repairs Page 21)	1
12	192- 20	LOCKWASHER - 5/16" SAE std.	2
13	113- 103	BOLT - 5/16" x 1" N.C. hex head	2
14	KO275341	GASKET - air horn	1
15	C 11545	INSERT - fuel cap	1
16	C 12203	BRACKET - fuel tank mounting	1
17	A 72108	GASKET - fuel pump mounting	1
18	71- 410	SCREW - 1/4" x 5/8" N.C. fillister head	2
19	193- 60	LOCKWASHER - 1/4" SAE std.	2
20	222- 41	ELBOW - includes sleeve and nut	1
21	222- 101	SLEEVE - for 3/16" O.D. tube	2
22	222- 112	NUT - for 3/16" O.D. tube	2
23	KO235097	LINE - fuel pump to carburetor	1
24	222- 4021	CONNECTOR ASSEMBLY - includes sleeve and nut	1
25	KOA235845	FUEL PUMP - (for 10 HP model) (155)	1
26	C 22987	FUEL PUMP - (for 12 HP model) (195)	1

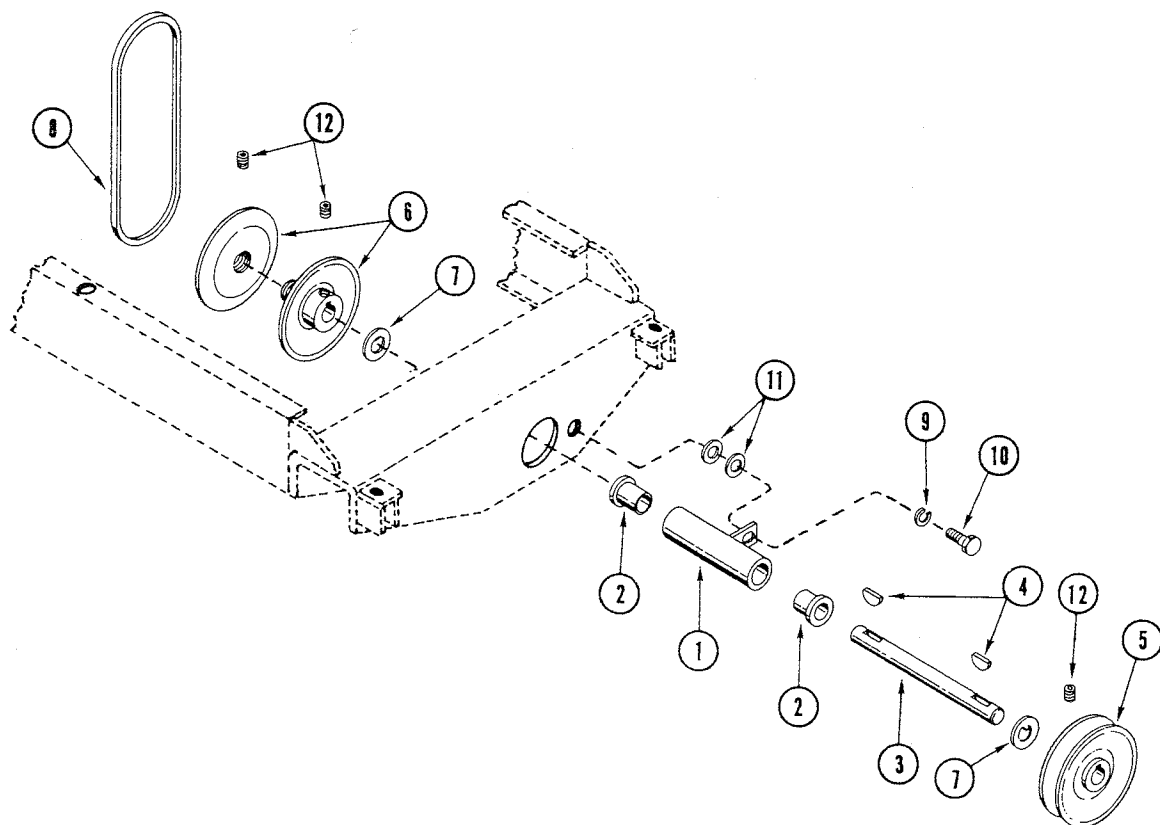
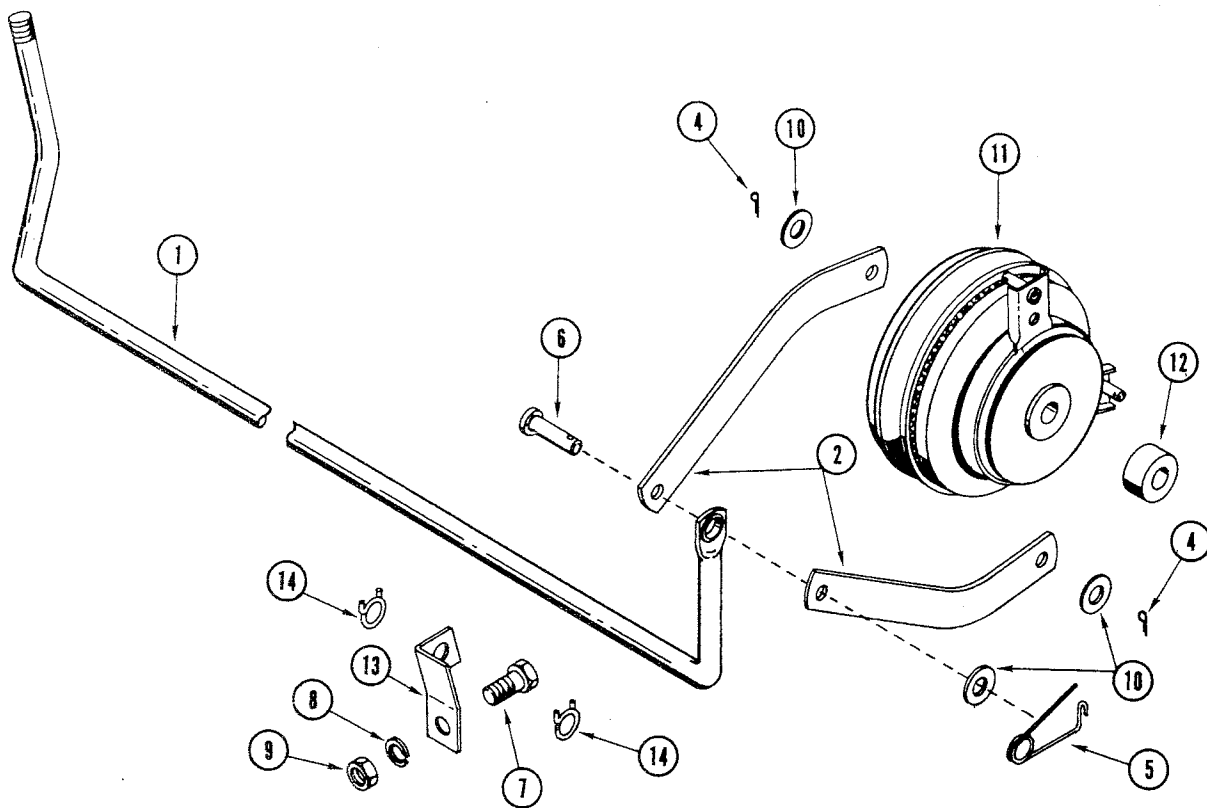
FUEL PUMP

30	KO 230675	FUEL PUMP KIT - for KOA235845 pump	1
	NSS	SPRING - fuel pump valve	2
	NSS	VALVE - fuel pump	2
	NSS	GASKET - valve	1
	NSS	DIAPHRAGM ASSEMBLY	1
	NSS	SPRING - diaphragm	1
31	A 72108	GASKET - fuel pump mounting	1
32	KO 236387	FUEL PUMP KIT - for C22987 pump	1
	NSS	GASKET - valve housing	1
	NSS	VALVE ASSEMBLY	2
	NSS	GASKET - valve	2
	NSS	DISPHRAGM ASSEMBLY	1
	NSS	SPRING - diaphragm	1
31	A 72108	GASKET - fuel pump mounting	1



A72073 CARBURETOR

REF. PART NO.	DESCRIPTION	REQ'D
A 72073	CARBURETOR ASSY	1
1 A 72077	JET ASSY - high speed & idle adj.	1
2 KO 200383	SPRING - idle jet.	1
3 A 72085	SPRING - choke detent ball	1
4 211- 3	BALL - 1/8" steel	1
5 F 19895	SCREW - #3-48 rd. hd. mach., brass.	4
6 A 72074	VALVE ASSY - choke disc	1
7 KO200443	INLET NEEDLE & SEAT ASSY.	1
8 A 72102	GASKET - needle seat	1
9 F 19892	PIN - carburetor float	1
10 KO 200408	FLOAT ASSY	1
11 KO 200375	GASKET - carburetor bowl ring	1
12 KO 200439	GASKET - carburetor bowl	1
13 KO 235448	BOWL - carburetor	1
14 KO 235447	NUT & GASKET ASSY - bowl	1
15 KO 200372	GASKET - bowl screw	1
16 A 72101	SEAT - high idle jet.	1
17 A 72075	SHAFT & LEVER ASSY - choke	1
18 A 72087	PLUG - 3/8" expansion	1
19 A 72098	SPRING - lean-rich adjusting screw	1
20 A 72099	SCREW - adjusting (lean-rich)	1
21 A 72090	VALVE - throttle disc	1
22 A 72088	PLUG - carb. body passage	1
23 A 72089	SHAFT - throttle lever	1
24 A 72097	SEAL - throttle shaft	1
25 A 72094	DOG ASSY - throttle shaft	1
26 A 72092	SCREW - idle stop.	1
27 KO200380	SPRING - idle screw tension	1
28 169- 77	SCREW - throttle dog clamp #8 x 1/2" N.C. fill. hd.	1
29 A 72096	LEVER - throttle.	1
30 A 72095	SCREW ASSY - throttle lever	1
31 NSS	BODY - carb. (Order A72073 Carb. Assy)	1
32 A 72103	KIT - carburetor repair	1



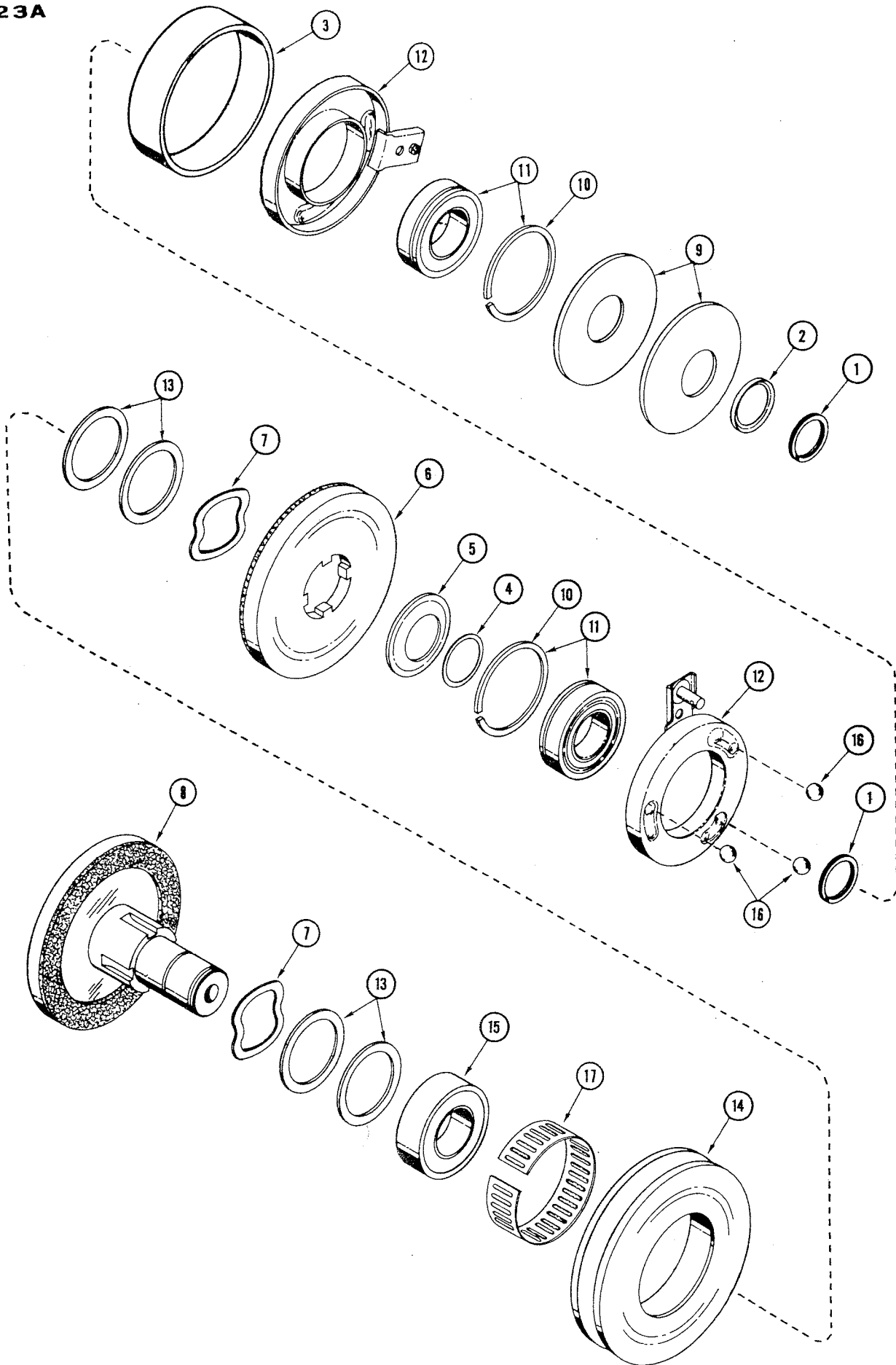
PULLEY CLUTCH

REF. PART NO.	DESCRIPTION	REQ'D.
1 C 14094	LEVER - clutch control with bushing	1
NSS	BUSHING - fliplock (Order part number C14094)	1
2 C 12094	LINK - clutch control	2
3 C 10487	KNOB - lever	1
4 132- 24	PIN - cotter 3/32" x 1/2"	2
5 C 10883	PIN - safety	1
6 D 23693	PIN - clevis 1/4" x 3/4"	1
7 115- 103	BOLT - 5/16"-18 N.C. x 3/4" plated	1
8 192- 20	LOCKWASHER - 5/16" SAE plated	1
9 129- 102	NUT - 5/16" N.C., plated	1
10 195- 517	WASHER - 1/4" plain plated	3
11 NSS	CLUTCH - PTO "V" belt (Repairs see page 60)	1
12 C 10312	SPACER - fan, short	1
13 C 12608	BRACKET - PTO control	1
14 C 12813	CLAMP - 3/8" I.D.	2

E-6 FRONT P. T. O. (OPTIONAL)

1 C 13244	CARRIER - pivot (Includes 2 C10502 bearings)	1
2 C 10502	BEARING - sintered bronze	2
3 C 10503	SHAFT - PTO pulley	1
4 126- 22	KEY - Woodruff #13	2
5 C 10504	PULLEY - drive	1
6 C 10505	PULLEY - driven adjustable	1
7 C 10506	WASHER - thrust	2
8 C 10507	BELT - 3 V section 30"	1
9 192- 21	LOCKWASHER - 3/8"	1
10 115- 203	BOLT - 3/8" x 7/8" N.C., hex	1
11 195- 522	WASHER - 3/8" plain	1
12 83- 56	SETSCREW - 5/16" x 3/8" socket head	3

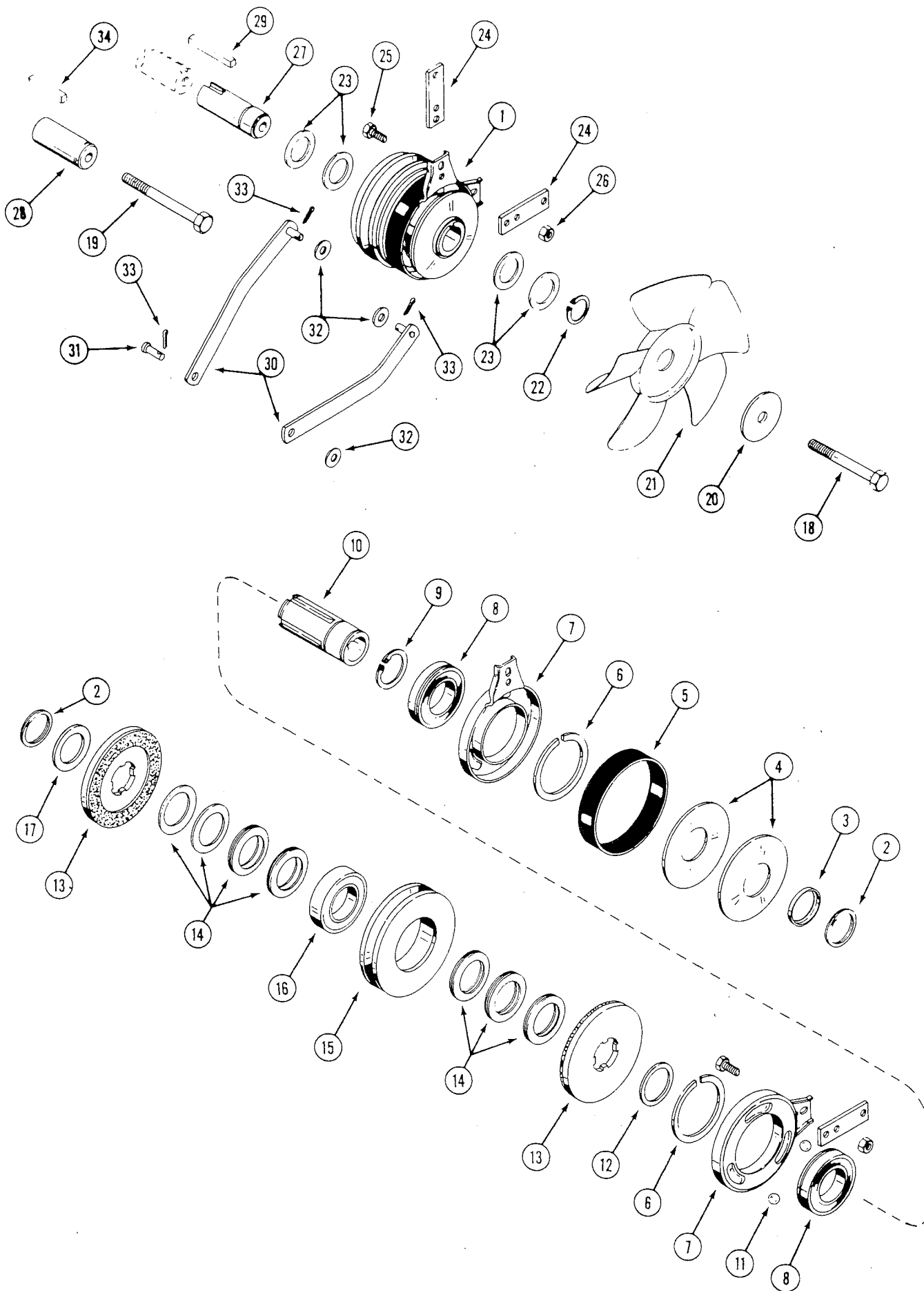
23A



C10311 PULLEY CLUTCH

(ORDER C19696 KIT FOR REPLACEMENT)

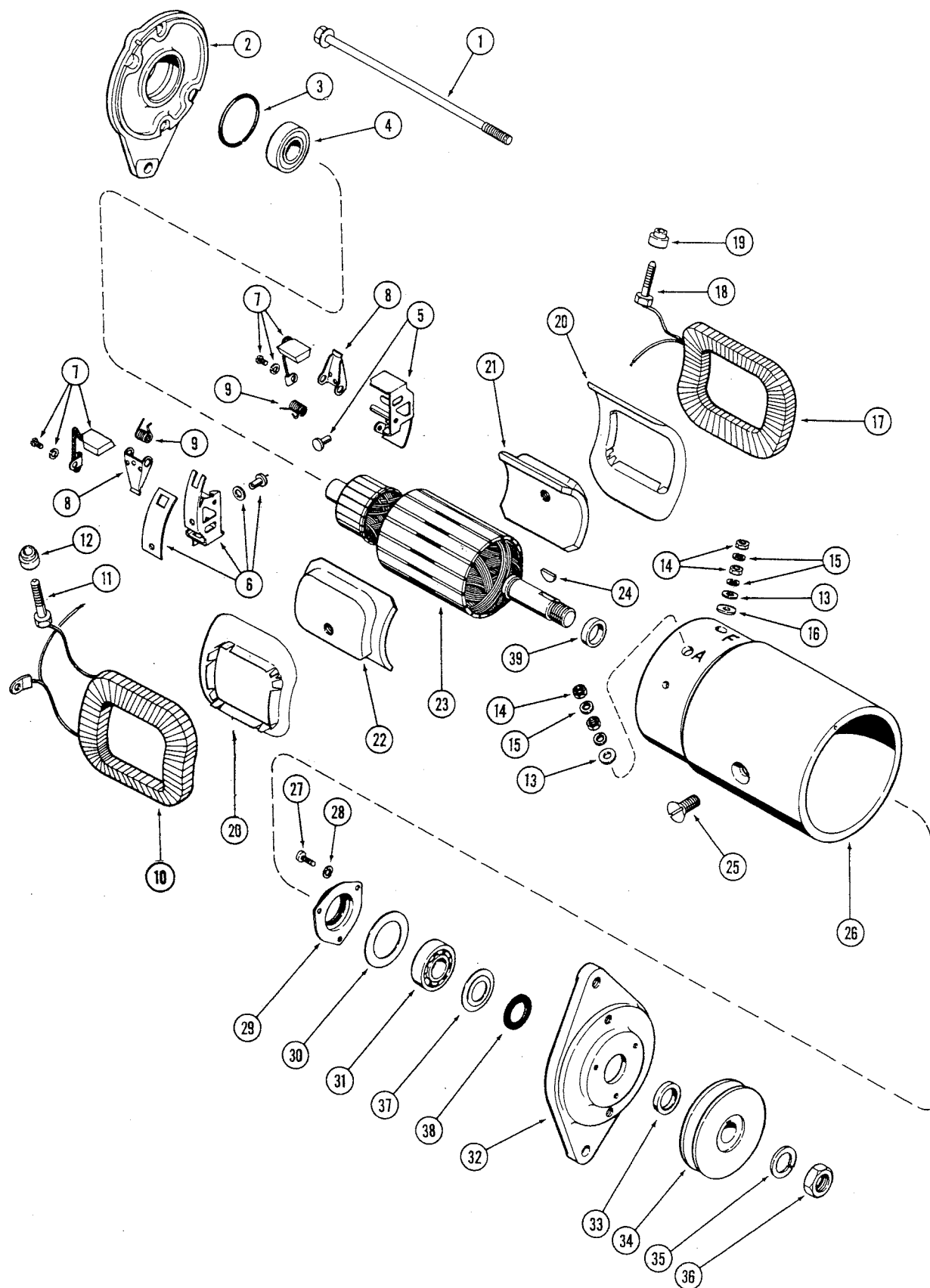
REF. PART NO.			DESCRIPTION	REQ'D.
1	C	13086	RING - retainer.....	2
2	C	13089	RETAINER.....	1
3	T	36619	COVER - cam	1
4	T	36615	SPACER - shim	UAR
5	C	13081	SPACER - drive plate	1
6	C	13080	PLATE - friction	1
7	C	13077	WASHER - spring	2
8	NSS		HUB - assembly (order C19696 kit)	1
9	C	13087	SPRING - load.....	2
10	NSS		RING - stop (furnished with Part No. C 13085)	2
11	C	13085	BEARING - cam w/stop ring	2
12	C	13083	CAM - assembly	2
13	C	13076	SPACER - pulley bearing	4
14	C	14095	PULLEY - (Requires C14039 ring)	1
15	C	13079	BEARING - pulley	1
16	211-	9	BALL - cam	3
17	C	14039	RING - pulley tolerance	1



C19696 CLUTCH KIT

(FOR REPLACEMENT OF C10311 CLUTCH)

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 19493	CLUTCH ASSEMBLY	1
2	C 19891	RING - snap	2
3	C 19892	RETAINER - snap ring	1
4	C 19890	SPRING - load	2
5	C 19889	COVER - cam	1
6	NSS	RING - bearing (see ref. No. 8)	2
7	C 19894	CAM - clutch	2
8	C 19893	BEARING - cam (includes ring)	2
9	C 19896	RING - snap, hub	1
10	C 19895	HUB - clutch	1
11	211- 12	BALL - cam	3
12	C 19898	SPACER	1
13	C 13080	PLATE ASSEMBLY - pressure	2
14	C 19897	WASHER - spring, belleville	12
15	C 19706	PULLEY - clutch	1
16	C 13079	BEARING - pulley	1
17	C 19899	SHIM	UAR
18	13- 656	BOLT - 3/8 x 3-1/2" NC hex	1
19	13- 664	BOLT - 3/8 x 4" NC hex	1
20	195- 2036	WASHER - 13/32 x 2" O.D.	1
21	C 16616	FAN	1
22	B 18208	RING - snap	2
23	F 41695	WASHER - spacer 1"	4
24	C 19492	ARM - clutch extension	2
25	26- 410	BOLT - 1/4 x 5/8" NC hex	4
26	131- 350	NUT - lock 1/4"	1
27	C 19494	SHAFT - clutch, front PTO	1
28	C 19638	SHAFT - clutch, rear traction drive	1
29	127- T	KEY - 1/4" x 1/4 x 2-1/4" long	1
30	C 19491	LINK - clutch control	2
31	141- 2	PIN - clevis 1/4 x 3/4"	3
32	195- 17	WASHER - 1/4"	8
33	132- 24	PIN - cotter	5
34	O 1117-CH	KEY - 1/4 x 1/4 x 1-3/4" long	1

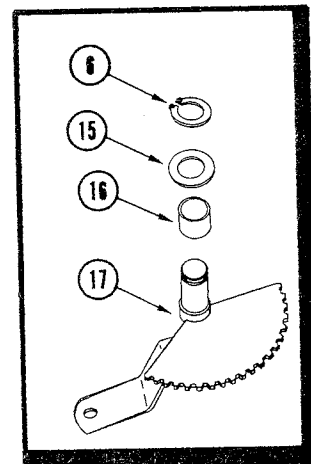
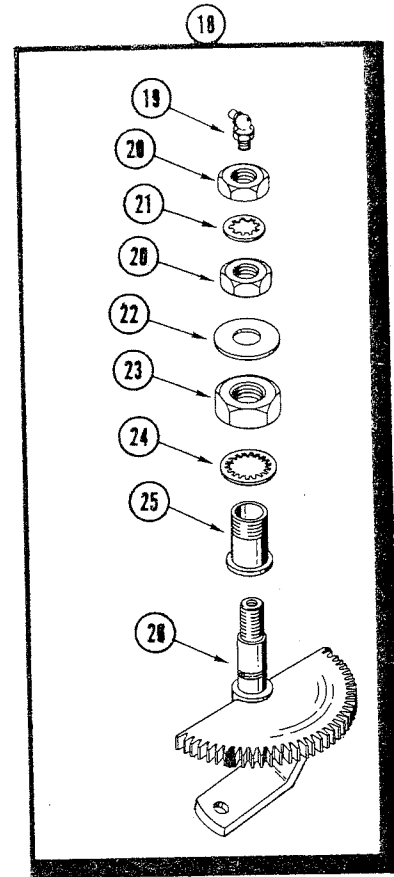
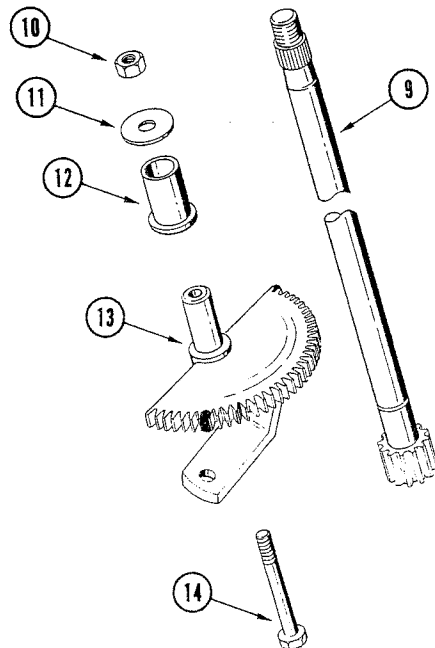
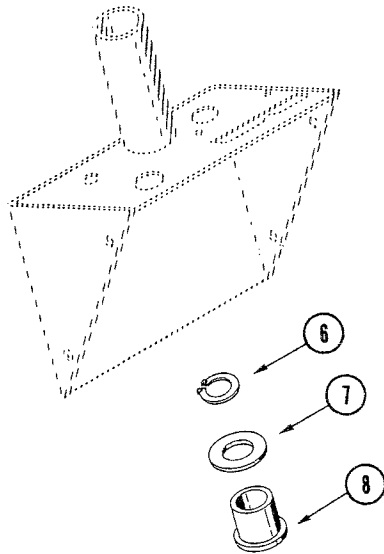
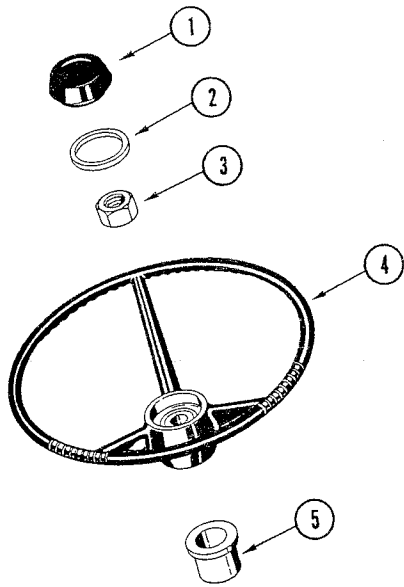


A70202 STARTER-GENERATOR

(DELCO NO. 1101970)

REF.	PART NO.	DESCRIPTION	REQ'D
1	R 15106	BOLT - thru (includes washer)	2
2	A 72104	FRAME ASSY - commutator end	1
3	R 15087	RING - bearing retainer	1
4	A 25461	BEARING - commutator end ball	1
5	A 72039	HOLDER KIT - ground brush	1
6	A 72040	HOLDER KIT - insulated brush	1
7	A 72038	BRUSH ASSY	2
8	R 15090	ARM - brush pressure	2
9	A 25423	SPRING - brush arm	2
10	A 72042	COIL ASSY - field R. H.	1
11	A 72048	STUD - armature terminal	1
12	R 16147	BUSHING - insulated, armature stud	1
13	A 41927	WASHER - armature stud	2
14	192- 8	NUT - terminal stud 12-24 hex	4
15	192- 17	LOCKWASHER - terminal stud #12	4
16	R 16148	WASHER - insulated, field stud	1
17	A 72043	COIL ASSY - field, L.H.	1
18	NSS	STUD - field terminal (Order item 40)	1
19	R 15077	BUSHING - insulated, field stud	1
20	A 25447	INSULATOR - field coil	2
21	A 40736	SHOE - pole, plain	1
22	A 40736	SHOE - pole, notched	1
23	A 72041	ARMATURE	1
24	126- 111	KEY - woodruff, armature	1
25	74- 610	SCREW - pole	2
26	NSS	BODY - starter generator (order A70202)	1
27	173- 237	SCREW - 10-32 x 1/2" rd. hd.	3
28	192- 18	LOCKWASHER - 3/16" plated	3
29	A 44433	RETAINER ASSY - bearing	1
30*	NSS	GASKET - bearing retainer (Order A44433)	1
31	A 43356	BEARING - ball, drive end	1
32	A 72046	FRAME ASSY - drive end	1
33	A 72047	SPACER - pulley	1
34	C 14344	PULLEY - starter - generator drive	1
35	192- 26	LOCKWASHER - 11/16" plated	1
36	A 25546	NUT - armature shaft, drive end	1
37	A 43499	RETAINER - grease	1
38*	NSS	SEAL - felt (Order A44433)	1
39	NSS	SPACER - armature shaft, inner	1
40	A 40702	KIT - stud (includes items 16, 18 and 19)	1

*Bearing retainer gasket and felt seal no longer required.
Service with new retainer assembly.



STEERING GEAR

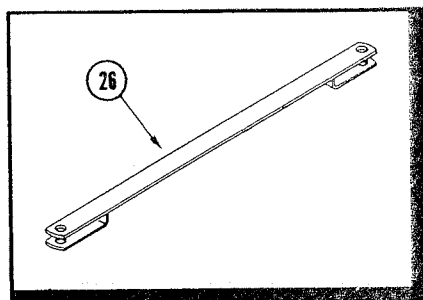
REF.	PART NO.	DESCRIPTION	REQ'D
1	C 10569	CAP - steering wheel	1
2	A 70392	RING - cap retainer	1
3	25- 1510	NUT - jam 5/8" N.F. hex	1
4	A 70058	WHEEL - steering	1
5	C 12126	BUSHING - nylon	1
6	T 25683	RING - retaining	1
7	C 12125	WASHER - thrust	1
8	C 12205	BUSHING - flanged	1
9	C 12116	SHAFT - steering (155)	1
9	C 11685	SHAFT - steering (195)	1
10*	131- 351	NUT - lock 5/16" N.C. hex	1
11*	G 49048	WASHER - plain	1
12*	C 13596	BUSHING - flanged	1
13*	C 13614	GEAR - steering	1
14*	15- 540	BOLT - 5/16" x 2-1/2" N.C. hex	1
15**	195- 2082	WASHER	1
16**	C 12206	BUSHING	1
17**	NSS	GEAR - steering (Order C13801 Kit)	1
18**	C 13801	KIT - steering gear (Includes Ref. No's. 19 through 26)	
19	219- 57	FITTING - lube	1
20	129- 167	NUT - jam 5/8" N.C. hex Z.P.	2
21	193- 34	LOCKWASHER - 5/8" internal tooth	1
22	F 62147	WASHER - plain	1
23	129- 582	NUT - jam 7/8" N.C. hex Z.P.	1
24	193- 36	LOCKWASHER - 7/8" internal tooth	1
25	C 13795	BUSHING - flanged	1
26	C 13800	GEAR - steering	1

* Used on Model 155 Tractors with Serial Number 9618951 and above.

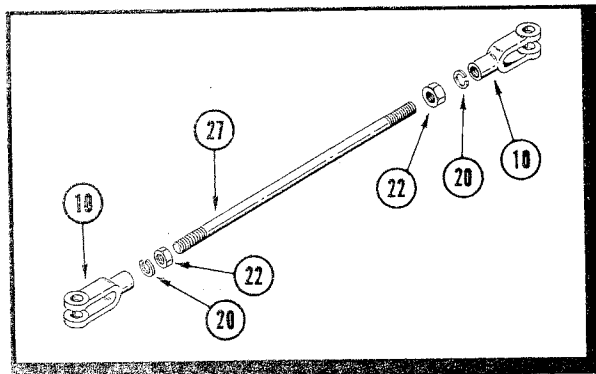
* Used on Model 195 Tractors with Serial Number 9622282 and above.

** Applicable to Model 155 Tractors with Serial Number 9618950 and below.

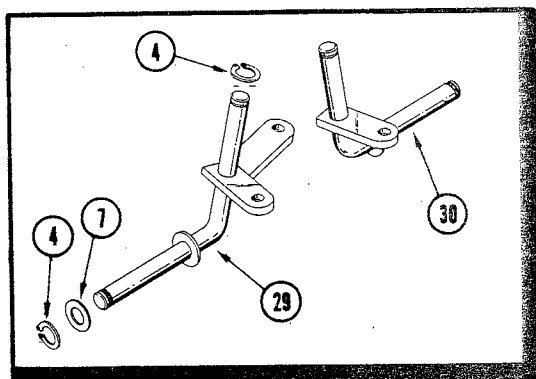
** Applicable to Model 195 Tractors with Serial Number 9622281 and below.



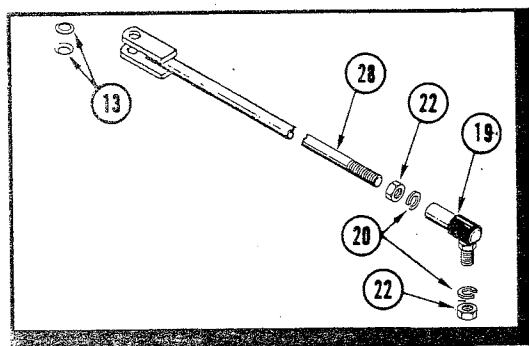
USED PRIOR TO S/N 9616833



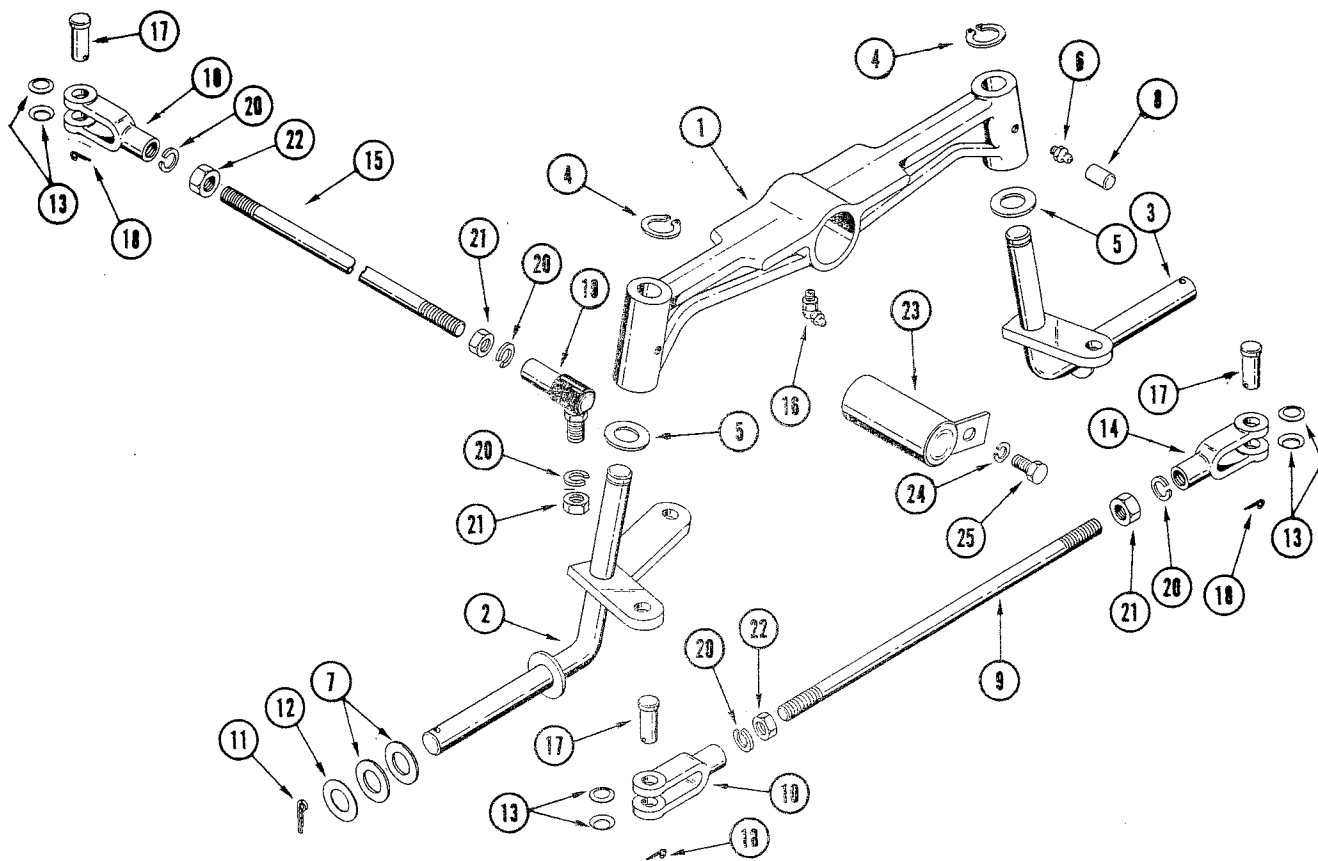
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USED PRIOR TO S/N 9618948

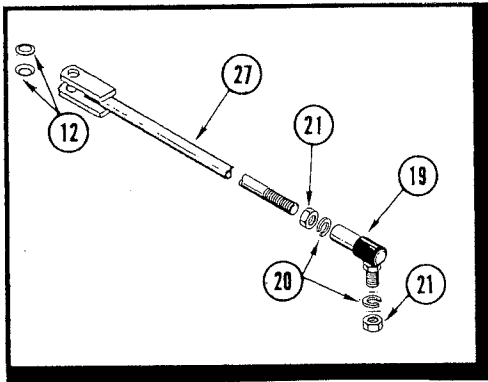


USED PRIOR TO S/N 9622668

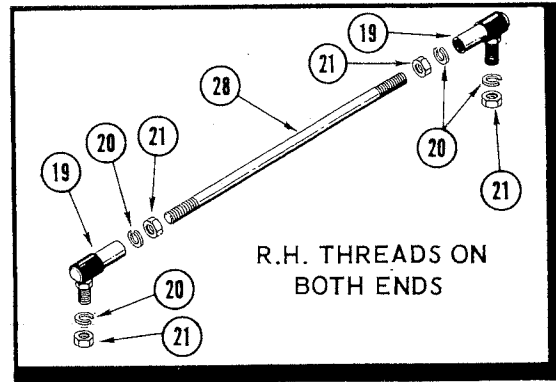


155 FRONT AXLE

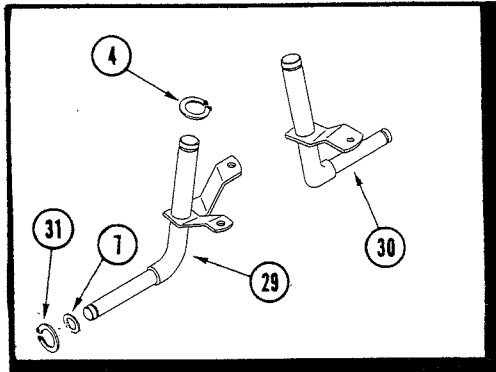
REF.	PART NO.	DESCRIPTION	REQ'D
1	C 11999	AXLE - front	1
2	C 13583	SPINDLE - R.H. (Used S/N 9618948 and after)	1
3	C 13584	SPINDLE - L.H. (Used S/N 9618948 and after)	1
4	T 25683	RING - external retaining, 3/4"	2
5	C 11906	WASHER - thrust	2
6	219- 8	FITTING - lube	2
7	A 30881	WASHER - wheel spacer	UAR
8	C 13106	COVER - lube fitting	3
9	C 13677	TIE ROD - (Used in production S/N 9622668 and after)	1
10	C 10952	YOKE - tie rod N.C. thread	2
11	132- 311	PIN - cotter 5/32" x 1-1/4" (For C13583 & C13584 spindles)	2
12	C 12975	WASHER - wheel spindle (For C13583 & C13584 spindles)	2
13	C 12115	WASHER - wavy	6
14	C 13603	YOKE - tie rod N.F. thread (Used with C13677 tie rod)	1
15	C 12526	ROD - drag link (Used in production S/N 9622668 and after)	1
16	219- 38	FITTING - lube 45°	1
17	141- 56	PIN - clevis	3
18	132- 47	PIN - cotter 1/8" x 7/8"	3
19	C 12102	JOINT - ball	1
20	92- 8	LOCKWASHER - 1/2"	5
21	25- 118	NUT - 1/2" N.F. hex (For C13677 tie rod & C12526 drag link)	3
22	25- 108	NUT - 1/2" N.C. hex	2
23	C 19009	PIN- axle pivot	1
24	192- 21	LOCKWASHER - 3/8"	1
25	113- 205	BOLT - 3/8" x 5/8" N.C. hex	1
26	NSS	TIE BAR - not available (Order items 9, 10, 13, 14, 17, 18, 20, 21, & 22)	1
27	NSS	TIE ROD - not available (Order items 9, 14, 17, 18, 20, & 21)	1
28	NSS	ROD - drag link (Order items 10, 13, 15, 17, 18, 20, & 22)	1
29	NSS	SPINDLE, R.H., not available (Order items 2, 11, & 12)	1
30	NSS	SPINDLE, L.H., not available (Order items 3, 11, & 12)	1



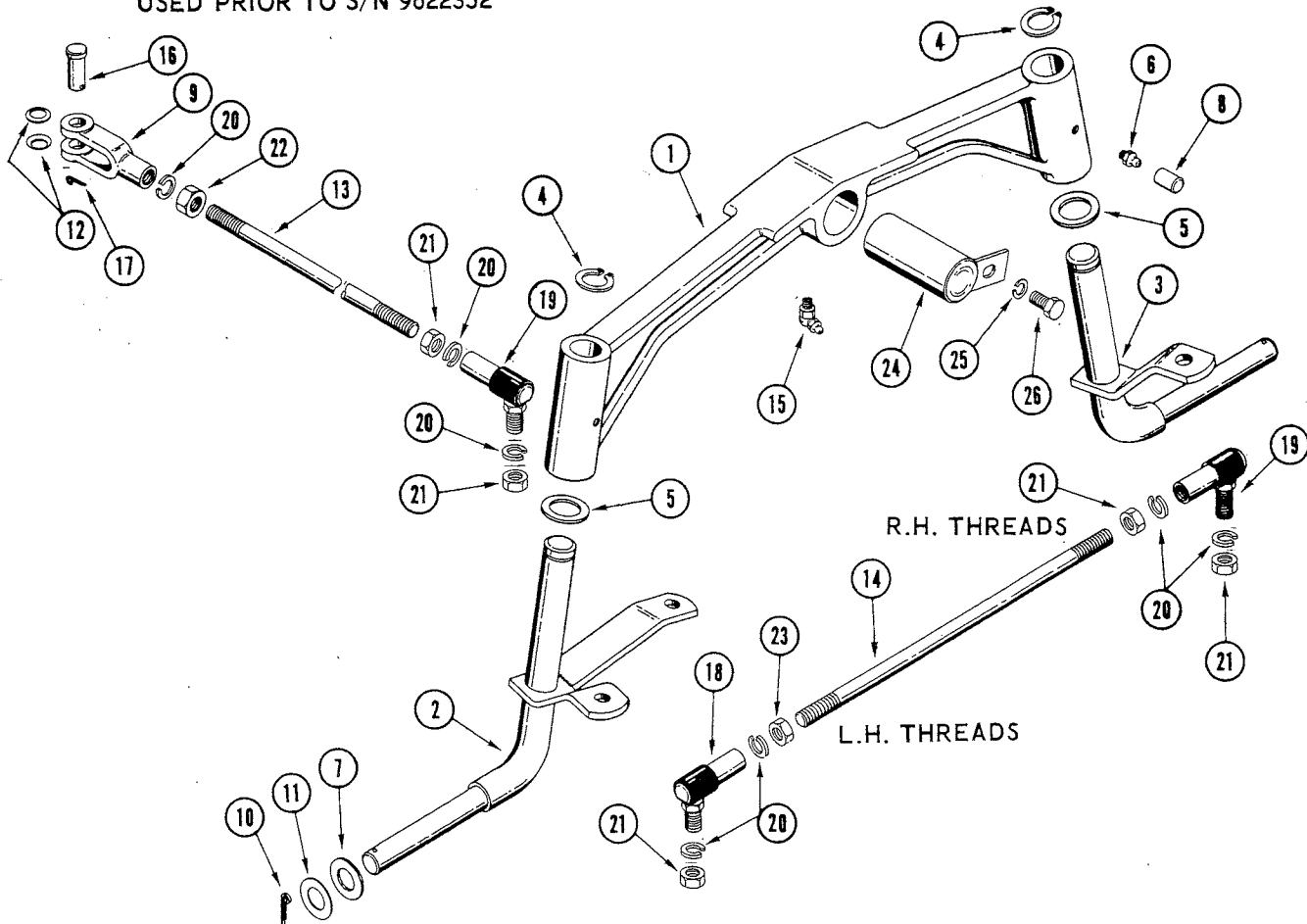
USED PRIOR TO S/N 9627170



USED PRIOR TO S/N 9627190

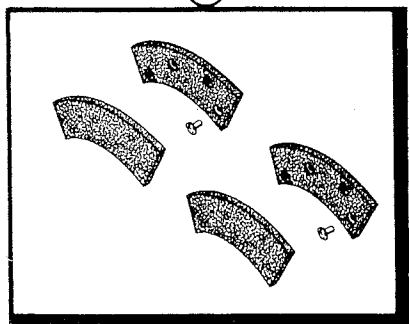
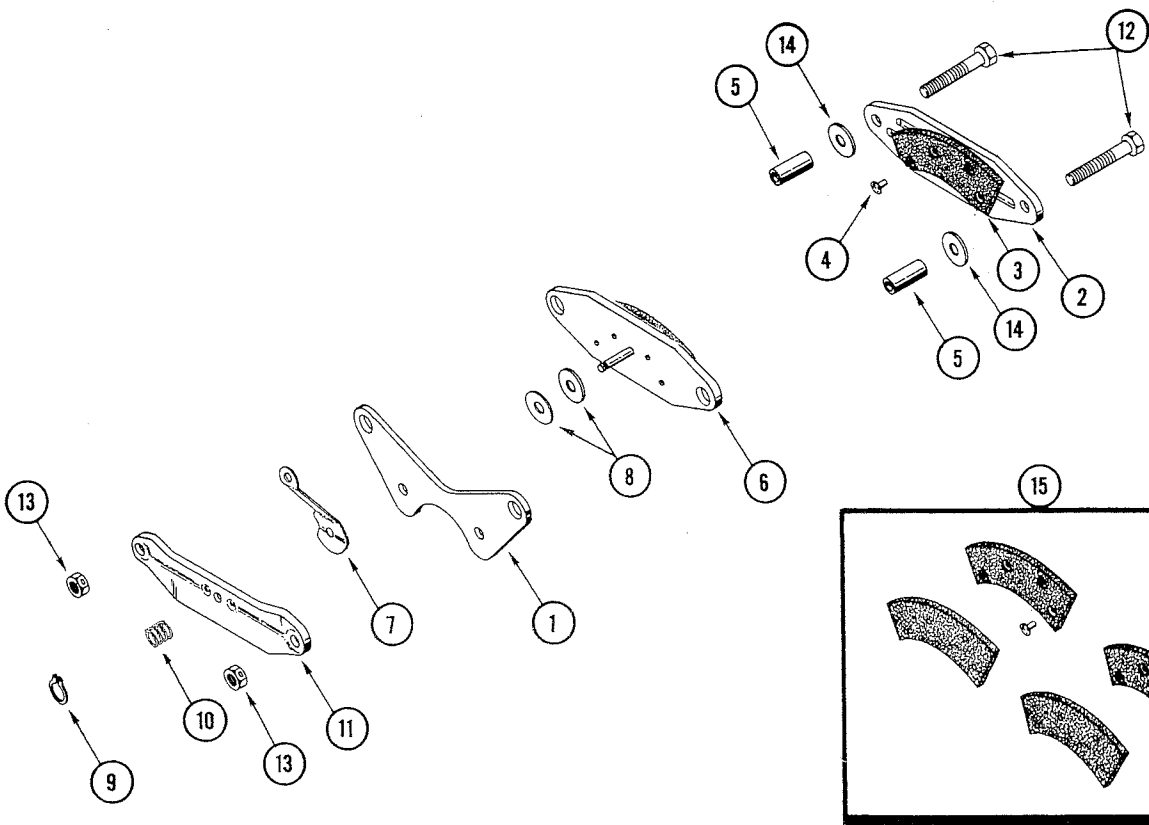
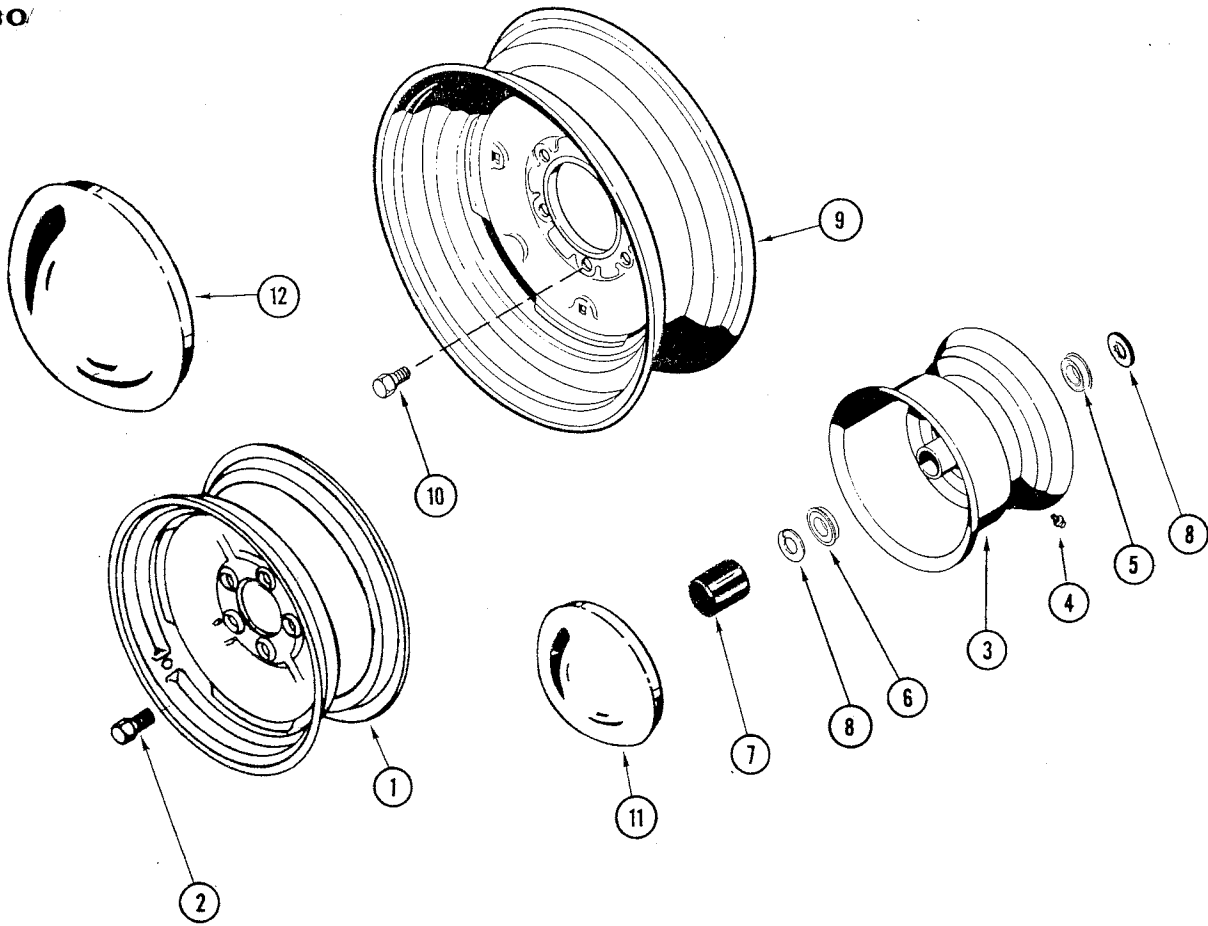


USED PRIOR TO S/N 9622352



195 FRONT AXLE

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 12000	AXLE - front	1
2	C 13586	SPINDLE - R.H. (Used in production S/N 9622352 and after)	1
3	C 13587	SPINDLE - L.H. (Used in production S/N 9622352 and after)	1
4	B 18208	RING - external retaining, 1"	2
5	C 13716	WASHER - thrust	2
6	219- 8	FITTING - lube	2
7	A 30881	WASHER - wheel spacer	2
8	C 13106	COVER - lube fitting	3
9	C 10952	YOKE - adjustable	1
10	132- 311	PIN - cotter 5/32" x 1-1/4" (For C13586 & C13587 spindles)	2
11	C 12975	WASHER - wheel spindle (For C13586 & C13587 spindles)	2
12	C 12115	WASHER - wavy	2
13	C 12103	ROD - drag link (Used in production S/N 9627170 and after)	1
14	C 13679	TIE ROD - (Used in production S/N 9627170 and after)	1
15	219- 38	FITTING - lube 45°	1
16	141- 56	PIN - clevis	1
17	132- 47	PIN - cotter 1/8" x 7/8"	1
18	C 13605	JOINT - ball 1/2" L.H. thread (For C13679 tie rod)	1
19	C 12102	JOINT - ball 1/2" R.H. thread	2
20	92- 8	LOCKWASHER - 1/2"	7
21	25- 118	NUT - 1/2" N.F. hex	5
22	25- 108	NUT - 1/2" N.C. hex	1
23	129- 325	NUT - 1/2" N.F. hex L.H. thread (For C13679 tie rod)	1
24	C 19009	PIN - axle pivot	1
25	192- 21	LOCKWASHER - 3/8"	1
26	113- 205	BOLT - 3/8" x 5/8" N.C. Hex	1
27	NSS	ROD - drag link, not available (Order items 9, 12, 13, 16, 17, 20, & 22)	1
28	NSS	TIE ROD - not available (Order items 14, 18, 21, & 23)	1
29	NSS	SPINDLE - R.H., not available (Order items 2, 10, & 11)	1
30	NSS	SPINDLE - L.H., not available (Order items 3, 10, & 11)	1
31	T 25683	RING - external retaining, 3/4"	2



FRONT AND REAR WHEELS

REF. PART NO.		DESCRIPTION	Model	Model
			155	195
				REQ'D
1	C 10263	WHEEL - rear (uses 5 bolts)	2	
2	C 10314	BOLT - rear wheel	10	
3	C 12081	WHEEL - front	2	2
4	219- 403	FITTING - lube, 1/8" NPT	2	2
5	C 12110	BEARING - front wheel (inner)	2	2
6	C 12111	BEARING - front wheel (outer)	2	2
7	C 12370	CAP - plastic, front wheel	2	2
8	T 25683	RING - external retainer	2	2
9	C 10317	WHEEL - rear (uses 6 bolts)		2
10	A 30064	BOLT - rear wheel		12
11	A 70062	CAP - hub cover front wheel (optional)	2	2
12	A 70185	CAP - hub cover rear wheel (optional)	2	

BRAKE ASSEMBLY

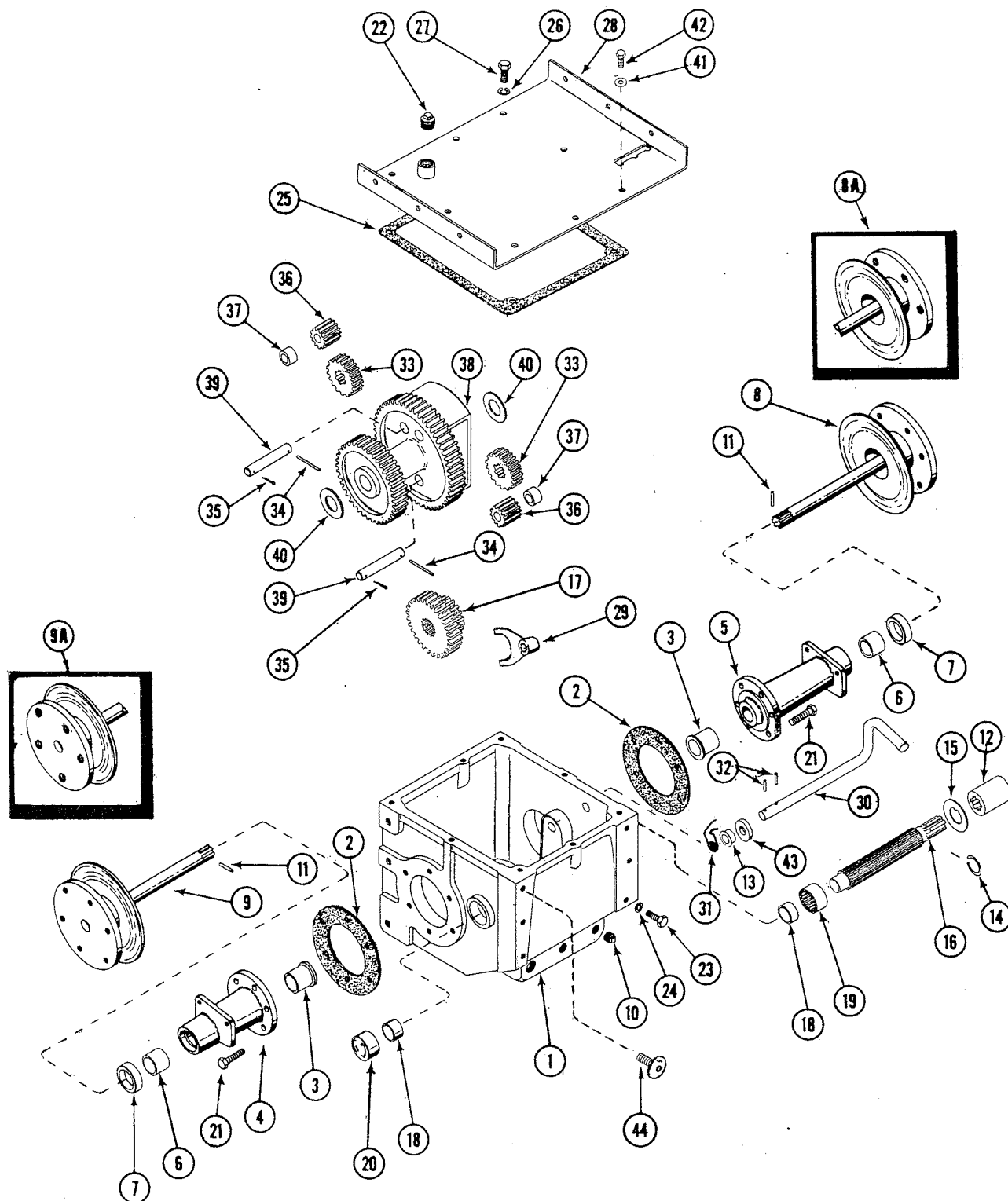
1	C 12140	BRACKET - brake - 155	1
1	C 12141	BRACKET - brake - 195	1
2	C 12621	CARRIER - solid side (includes lining)	1
3	NSS	LINING - friction	2
4	151- 106	RIVET - lining	8
5	C 12624	SPACER	2
6	C 12620	CARRIER - cam side (includes lining)	1
7	C 12623	CAM - actuating	1
8	C 13811	WASHER -	2
9	C 14652	RING - external retaining	1
10	C 12625	SPRING - compression	1
11	C 12619	CAM - actuator	1
12	114- 201	BOLT - 3/8" x 2-1/4" N.F. Hex.	2
13	131- 366	NUT - lock, 3/8" N.F.	2
14	O 1594-N	WASHER -	2
15	C 12656	KIT - brake lining	1
	NSS	LINING - friction	4
	114- 213	RIVET - lining	16

H+H Products Co Div of Kelsey-Hayes

P/N 1072-B

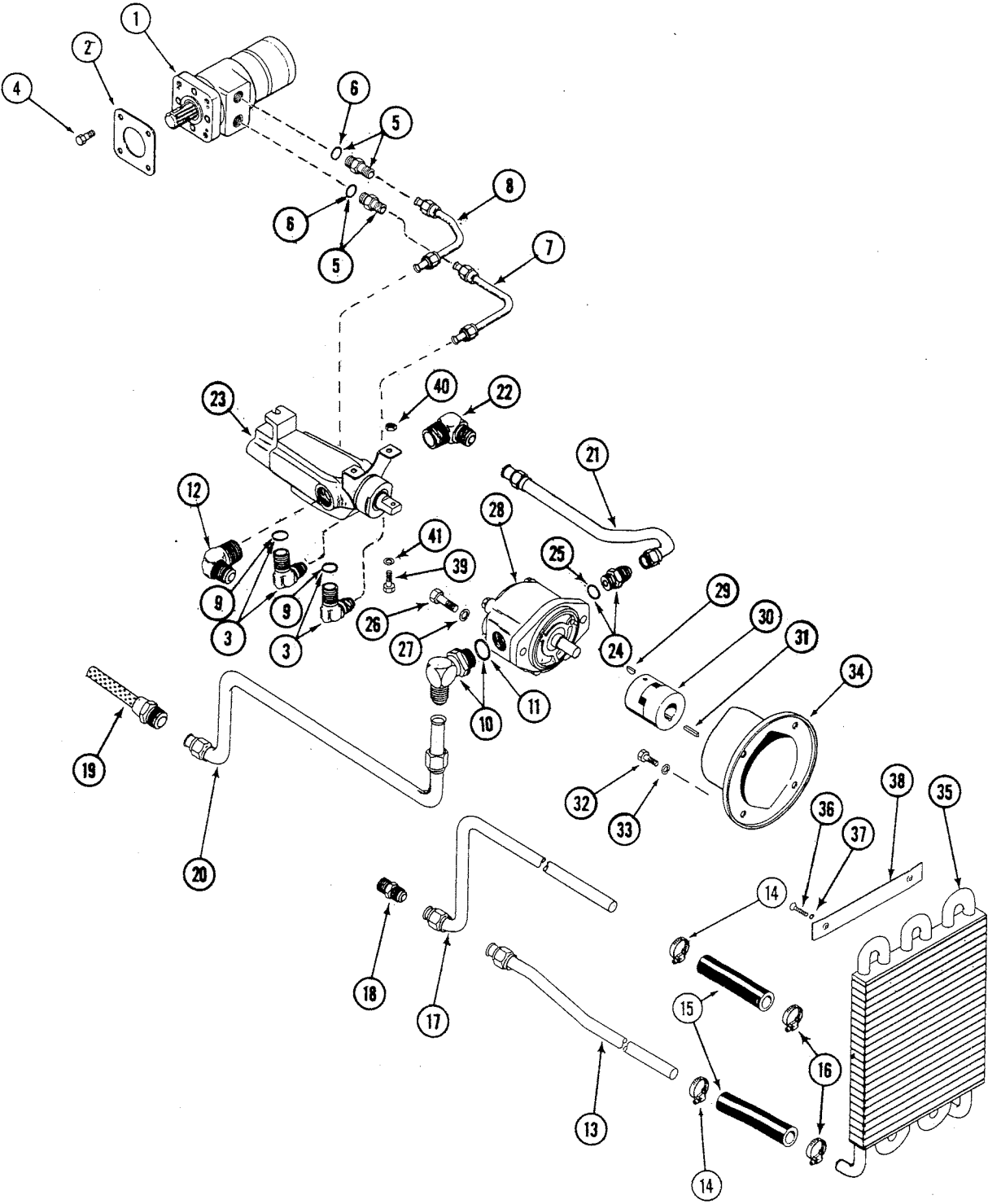
MEQUON, WI

414-242-4300



TRANSMISSION AND FINAL DRIVE

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 11640	CASE - transmission	1
2	A 70137	GASKET - housing to case	2
3	A 70142	BUSHING - flanged, rear axle housing	2
4	C 12147	HOUSING - rear axle, right hand	1
5	C 12146	HOUSING - rear axle, left hand	1
6	A 70141	BUSHING - plain, rear axle housing	2
7	A 70143	SEAL - rear axle housing	2
8	C 12144	SHAFT - axle, left hand (195)	1
8A	C 12584	SHAFT - axle, left hand (155)	1
9	C 12143	SHAFT - axle, right hand (195)	1
9A	C 12583	SHAFT - axle, right hand (155)	1
10	221- 4	PLUG - pipe, 1/2" square head	1
11	138- 102	PIN - axle retaining	2
12	C 10259	COUPLING - motor input	1
13	C 12156	BUSHING - nylon	1
14	B 18208	RING - coupling, retaining	1
15	C 10291	WASHER - input shaft stop	1
16	C 11998	SHAFT, transmission input	1
17	C 12009	CLUSTER - input gear	1
18	C 10299	RACE - bearing inner	2
19	F 19478	BEARING - input shaft, middle	1
20	C 12013	BEARING - input shaft, end	1
21	A 70127	BOLT - 3/8" x 1-1/4" N.C., special sealing	12
22	C 10303	PLUG - breather, transmission	1
23	13- 820	BOLT - 1/2" x 1-1/4", case to frame	6
24	92- 8	LOCKWASHER, 1/2" SAE	6
25	C 10302	GASKET - transmission case cover	1
26	92- 5	LOCKWASHER - 5/16" SAE	7
27	13- 512	BOLT - 5/16" x 3/4" N.C., trans. cover	7
28	C 10296	COVER - transmission case	1
29	C 12011	FORK - gear shift	1
30	C 10254	LEVER - shift	1
31	C 10261	SPRING - shift lever	1
32	138- 2002	PIN - shift fork, locating	2
33	C 10253	GEAR - differential	2
34	138- 2036	PIN - differential pin, locking	2
35	132- 69	PIN - cotter, 5/32" x 1"	4
36	C 10252	PINION - differential	4
37	A 70131	SPACER - differential pinion	4
38	C 10243	HOUSING - differential gear	1
39	C 10298	PIN - differential pinion	4
40	C 10292	WASHER - transmission	2
41	95- 5	WASHER - 5/16" SAE, plain	3
42	13- 510	BOLT - 5/16" x 5/8" trans. cover	1
43	C 11332	SEAL - shift shaft oil	1
44	C 12729	BOLT - 1/2" x 1" N.C. Hex, Socket Button Head (155)	1



HYDRAULIC SYSTEM

Used on Model 155 Tractors Prior to Serial Number 9623328

Used on Model 195 Tractors Prior to Serial Number 9627528

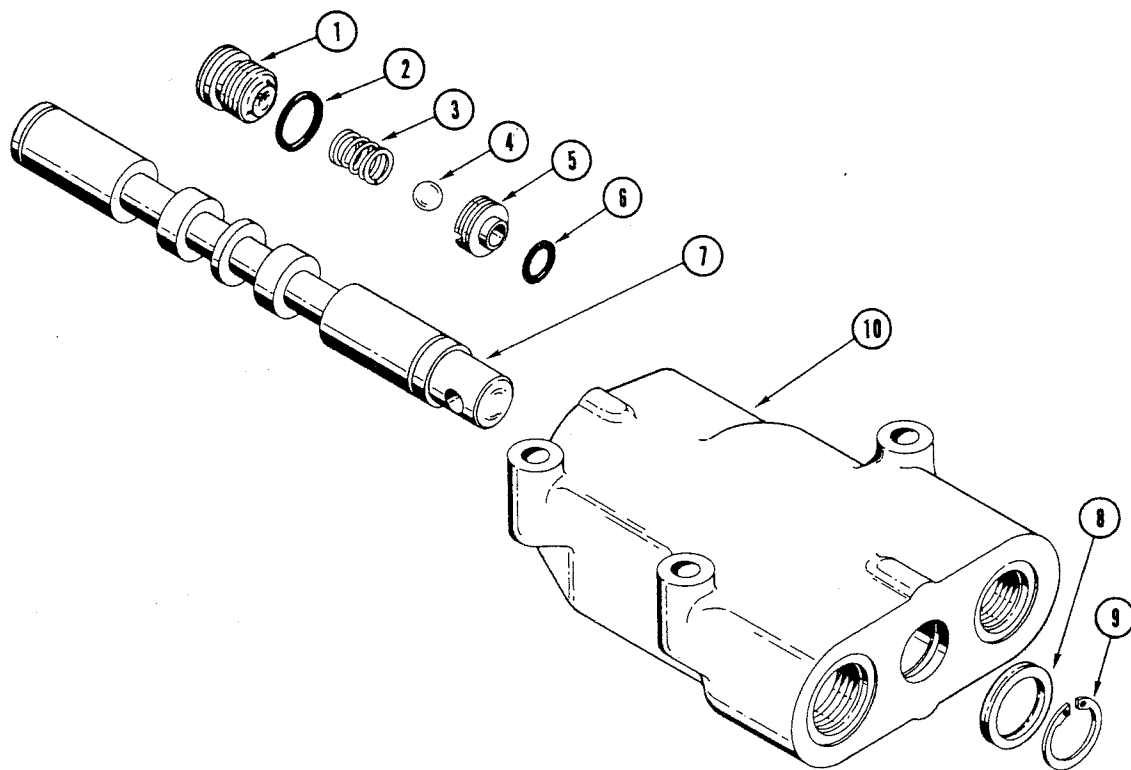
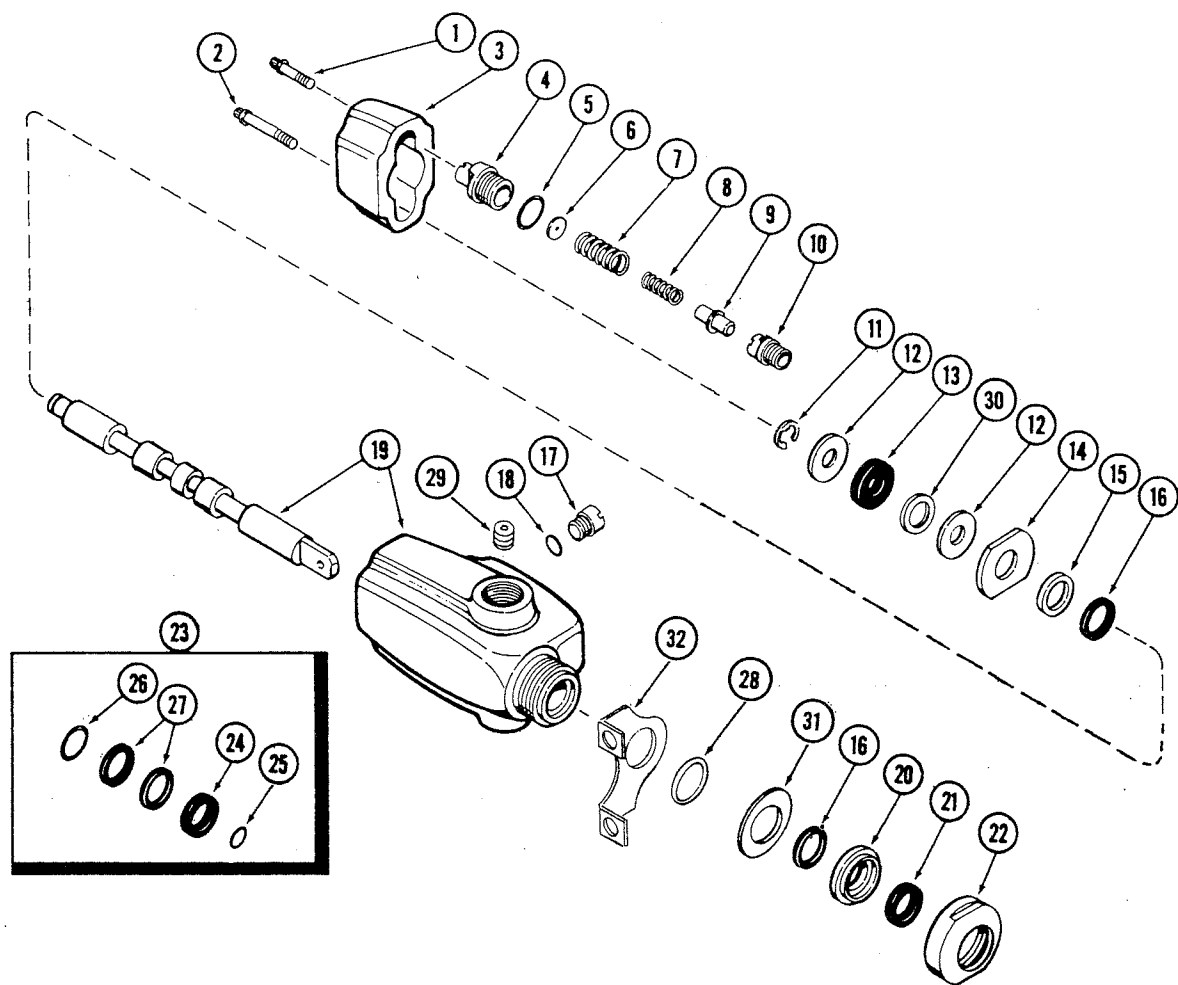
REF.	PART NO.	DESCRIPTION	REQ'D
1	C 12304	MOTOR - hydraulic (195) Repairs Page 41	1
1	C 12305	MOTOR - hydraulic (155) Repairs Page 41	1
2	A 70128	GASKET - motor to transfer case	1
3	218- 5106	FITTING - 90° elbow, 1/2" tube x 3/4"-16 "O" ring	2
4	A 70127	BOLT - special, Jay-Lock	4
5	218- 5060	FITTING - 1/2" tube x 7/8" thread	2
6	218- 5007	"O" RING - 5/8"	2
7	C 12394	TUBE - frt. valve port to motor (195)	1
7	C 12396	TUBE - frt. valve port to motor (155)	1
8	C 12395	TUBE - rear valve port to motor (195)	1
8	C 12397	TUBE - rear valve port to motor (155)	1
9	218- 5006	"O" RING - 1/2"	2
10	218- 5108	FITTING - 90°, 3/4" tube x 1-1/16" thread	1
11	218- 5008	"O" RING - 3/4"	1
12	218- 494	FITTING - 90°, 5/8" tube x 3/4" NPT	1
13	C 10266	TUBE - heat exchanger to valve	1
14	214- 253	CLAMP - hose	2
15	C 18721	HOSE	2
16	214- 253	CLAMP - hose	2
17	C 10267	TUBE - trans. to heat exchanger (195)	1
17	C 12067	TUBE - trans. to heat exchanger (155)	1
18	218- 445	FITTING - 3/4" tube x 3/4" NPT	1
19	A 70117	FITTING - w/filter	1
20	C 10264	TUBE - pump to transmission (195)	1
20	C 12070	TUBE - pump to transmission (155)	1
21	C 12142	TUBE - pump to valve	1
22	218- 1056	FITTING - 90° elbow, 1/2" tube x 3/4" thread	1
23	C 12149	VALVE - control (Repairs Page 37)	1
24	218- 5059	FITTING - "O" ring, 1/2" tube x 3/4" thread	1
25	218- 5006	"O" RING - 1/2"	1
26	166- 561	SCREW - ferry cap, 7/16"-20 x 1"	2
27	193- 31	LOCKWASHER - 7/16" external tooth	2
28	C 10493	PUMP - hydraulic (195) (Repairs Page 39)	1
28	C 10258	PUMP - hydraulic (155) (Repairs Page 39)	1
29	126- 12	KEY - Woodruff	1
30	A 70111	COUPLING - (Repairs Page 39)	1
31	W 5063-S	KEY - 1/4" square x 3/4"	1
32	115- 204	BOLT - 3/8" x 1" N.C. hex plated	4
33	192- 21	WASHER - 3/8" plated	4
34	A 70109	SUPPORT - hydraulic pump mounting	1
35	C 12072	EXCHANGER - heat	1
36	171- 209	SCREW - 1/4" x 1" N.C. hex plated	4
37	193- 52	LOCKWASHER - 1/4" external tooth	4
38	C 10348	BRACKET - heat exchanger	2
39	73- 410	SCREW - 1/4"-20 x 5/8" N.C. flat head	2
40	25- 104	NUT - 1/4"-20 N.C.	2
41	92- 4	LOCKWASHER - 1/4" SAE	2

HYDRAULIC SYSTEM

Used on Model 155 Tractors with S/N 9623328 and after.

Used on Model 195 Tractors with S/N 9627528 and after.

REF. PART NO.	DESCRIPTION	REQ'D
1 A 70109	SUPPORT - hydraulic pump mounting	1
2 115- 204	BOLT - 3/8" x 1" N.C. hex Z.P.	4
3 192- 21	LOCKWASHER - 3/8" Z.P.	4
4 166- 561	BOLT - 7/16" x 1" Ferry Cap Z.P.	2
5 193- 31	LOCKWASHER - 7/16" internal tooth	2
6 W 5063S	KEY - 1/4" square x 3/4"	1
7 218- 5059	FITTING - "O" ring 1/2 tube x 3/4" thread	4
8 218- 5006	"O" RING - 1/2"	4
9 218- 5108	FITTING - "O" ring 90° 3/4" tube x 1-1/16" thread	1
10 218- 5008	"O" RING - 3/4"	1
11 C 14091	TUBE - rear valve to upper motor port (155)	1
12 C 14090	TUBE - front valve to lower motor port (155)	1
13 C 12067	TUBE - transmission to heat exchanger (155)	1
13 C 10267	TUBE - transmission to heat exchanger (195)	1
14 C 12070	TUBE - pump to transmission (155)	1
14 C 10264	TUBE - pump to transmission (195)	1
15 C 13414	TUBE - pump to valve	1
16 C 13663	TUBE - valve to heat exchanger	1
17 A 70111	COUPLING - pump drive	1
18 A 70117	FITTING - transmission w/filter	1
19 C 12072	EXCHANGER - heat	1
20 C 10348	BRACKET - heat exchanger mounting	2
21 171- 209	SCREW - 1/4" x 1" N.C. flat hd. Phillips Z.P.	4
22 193- 52	LOCKWASHER - 1/4" external tooth	4
23 218- 455	FITTING - 5/8" tube x 1/2" male pipe	1
24 214- 253	CLAMP - hose	4
25 C 18721	HOSE - 5/8" heat exchanger	2
26 A 70128	GASKET - motor to case	1
27 A 70127	BOLT - special 3/8" x 1-1/4" jay lock	4
28 218- 5060	FITTING - "O" ring 1/2 tube x 7/8 thread	2
29 218- 5007	"O" RING - 5/8"	3
30 C 12305	MOTOR - hydraulic (155) (Repairs see page 41)	1
30 C 12304	MOTOR - hydraulic (195) (Repairs see page 41)	1
31 C 10258	PUMP - hydraulic (155) (Repairs see page 39)	1
31 C 10493	PUMP - hydraulic (195) (Repairs see page 39)	1
32 C 13341	VALVE - hydraulic control (Repairs see page 37)	1
33 218- 5062	FITTING - "O" ring 5/8 tube x 7/8 thread	1
34 73- 528	SCREW - 5/16" x 1-3/4" N.C. flat head	3
35 92- 5	LOCKWASHER - 5/16"	3
36 25- 105	NUT - 5/16" N.C. hex	3
37 126- 12	KEY - Woodruff	1
38 C 14093	TUBE - rear valve to lower motor post (195)	1
39 C 14092	TUBE - rear valve to upper motor post (195)	1



C-12149 HYDRAULIC CONTROL VALVE

Used on Model 155 Tractors prior to Serial Number 9623328.

Used on Model 195 Tractors prior to Serial Number 9627528.

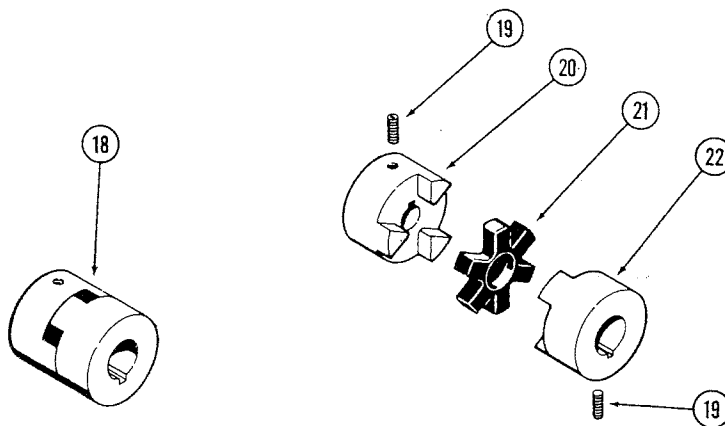
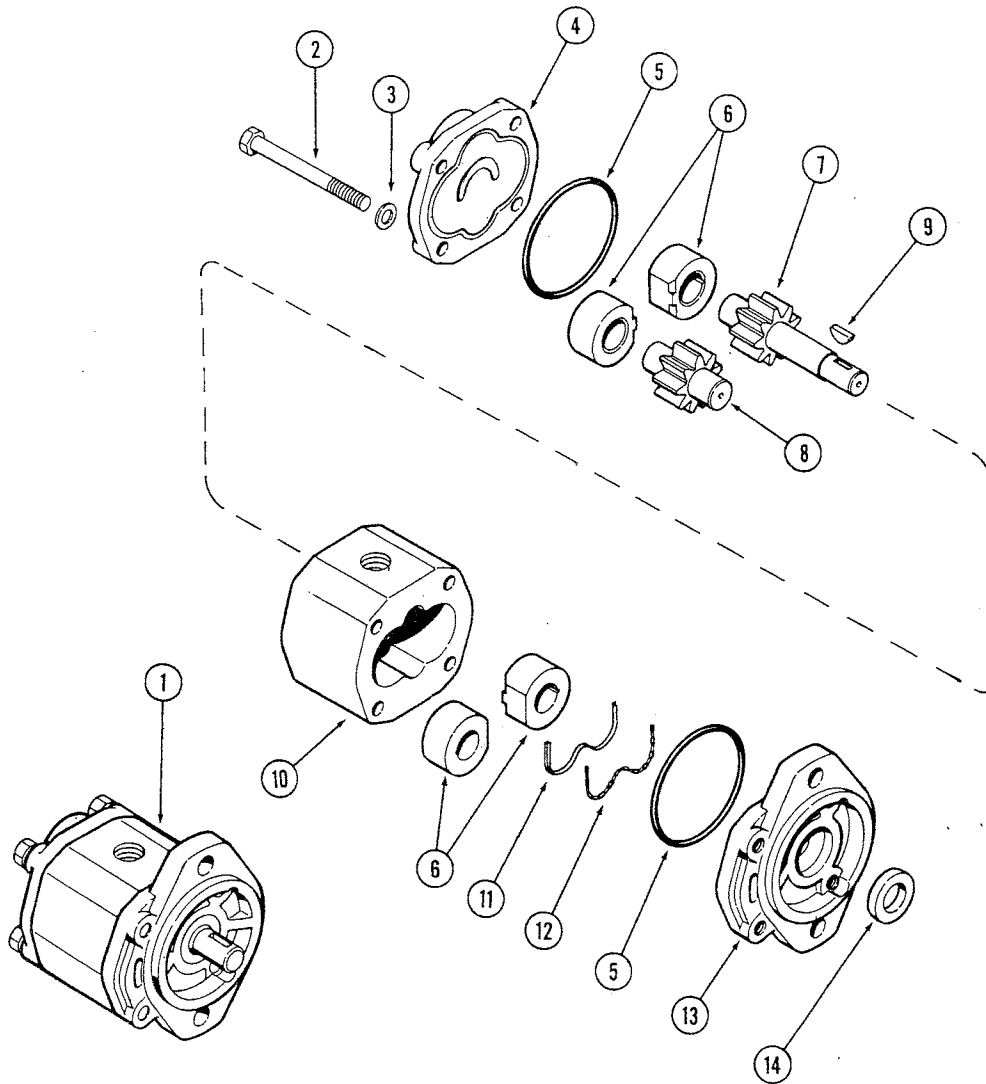
REF.	PART NO.	DESCRIPTION	REQ'D
1	166- 6	CAPSCREW - 1/4" x 1" N.C. ferry head	1
2	166- 8	CAPSCREW - 1/4" x 1-1/2" N.C. ferry head	1
3	A 72065	CAP - valve end	1
4	A 72059	PLUG - relief valve	1
5	A 7982	"O" RING - relief valve plug	1
6	A 72069	SHIM - relief valve	2
7	A 72058	SPRING - relief valve (outer)	1
8	A 72071	SPRING - relief valve (inner)	1
9	A 72057	SPOOL - relief valve poppet	1
10	A 72055	SEAT - relief valve	1
11	O 9638AB	SNAP RING - valve	1
12	A 72060	WASHER - valve spool end spacer	2
13	A 72063	SPACER - valve spool end	1
14	A 72066	WASHER - retainer relief valve plug	1
15	A 72067	RING - back up	1
16	A 72062	SEAL - quad ring	2
17	A 72056	PLUG	1
18	D 26872	"O" RING - plug	1
19	C 12524	BODY AND SPOOL ASSEMBLY - SAE ports	1
20	A 72068	RETAINER - seal	1
21	A 72070	SEAL - vee	1
22	A 72064	CAP - valve end	1
23	A 72072	KIT - valve seal repair	1
24	A 72070	SEAL - vee	1
25	D 26872	"O" RING - 5/8"	1
26	A 7982	"O" RING - 13/16"	1
27	A 72062	QUAD RING	2
28	T 13224	SEAL - "O" ring	1
29	221- 841	PLUG - conversion	1
30	C 10989	WASHER	1
31	C 10988	WASHER - special	1
32	C 10987	BRACKET MOUNTING	1

C-13341 HYDRAULIC CONTROL VALVE

Used on Model 155 Tractors Serial Number 9623328 and after.

Used on Model 195 Tractors Serial Number 9627528 and after.

1	C 13512	PLUG - adjusting	1
2	16905	SEAL - "O" ring	1
3	C 13515	SPRING - relief	1
4	211- 10	BALL	1
5	C 13510	SEAT - ball	1
6	A 27891	SEAL - "O" ring	1
7	NSS	SPOOL (Order C13341 valve)	1
8	C 13514	SEAL - quad ring	2
9	C 13513	RING - retainer	2
10	NSS	BODY - valve (Order C13341 valve)	1
11	221- 12	PLUG - pipe 1/4" NPT	1

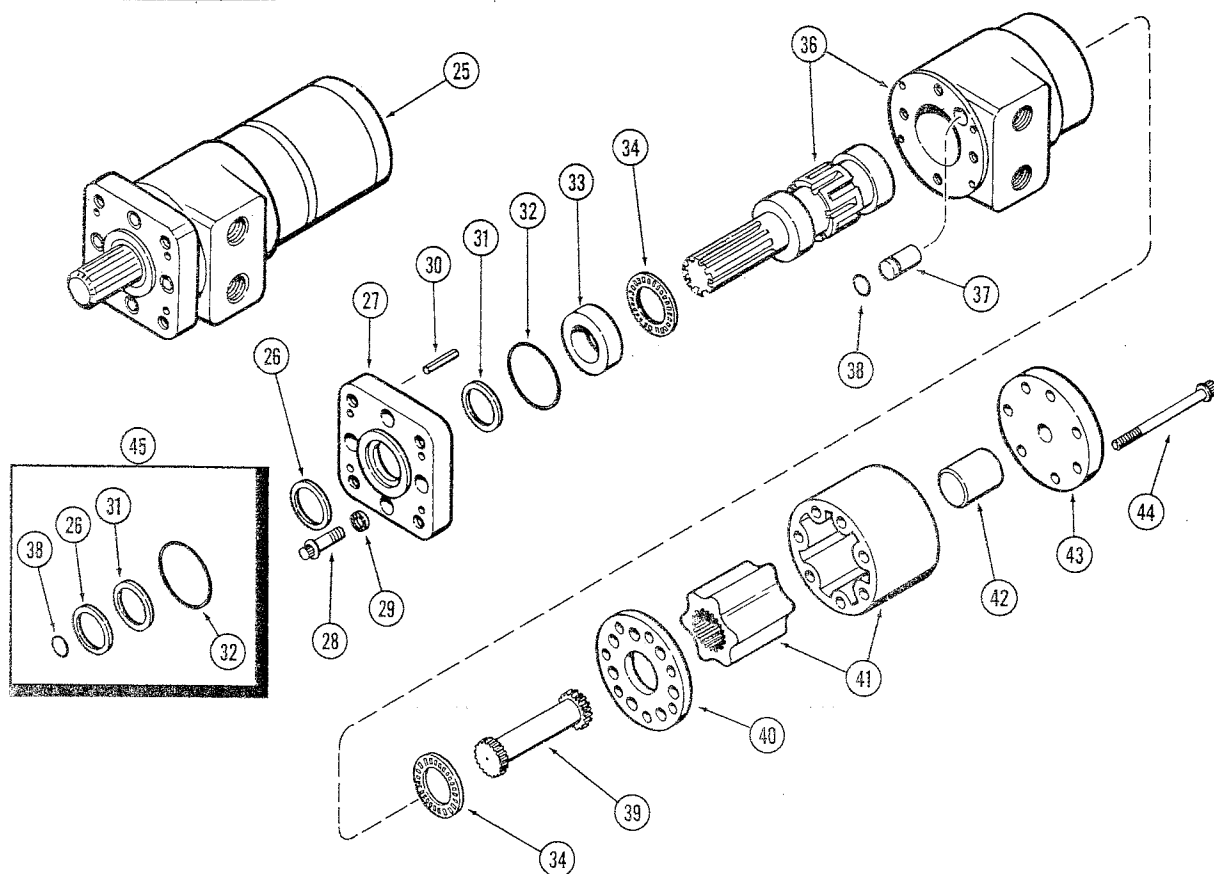
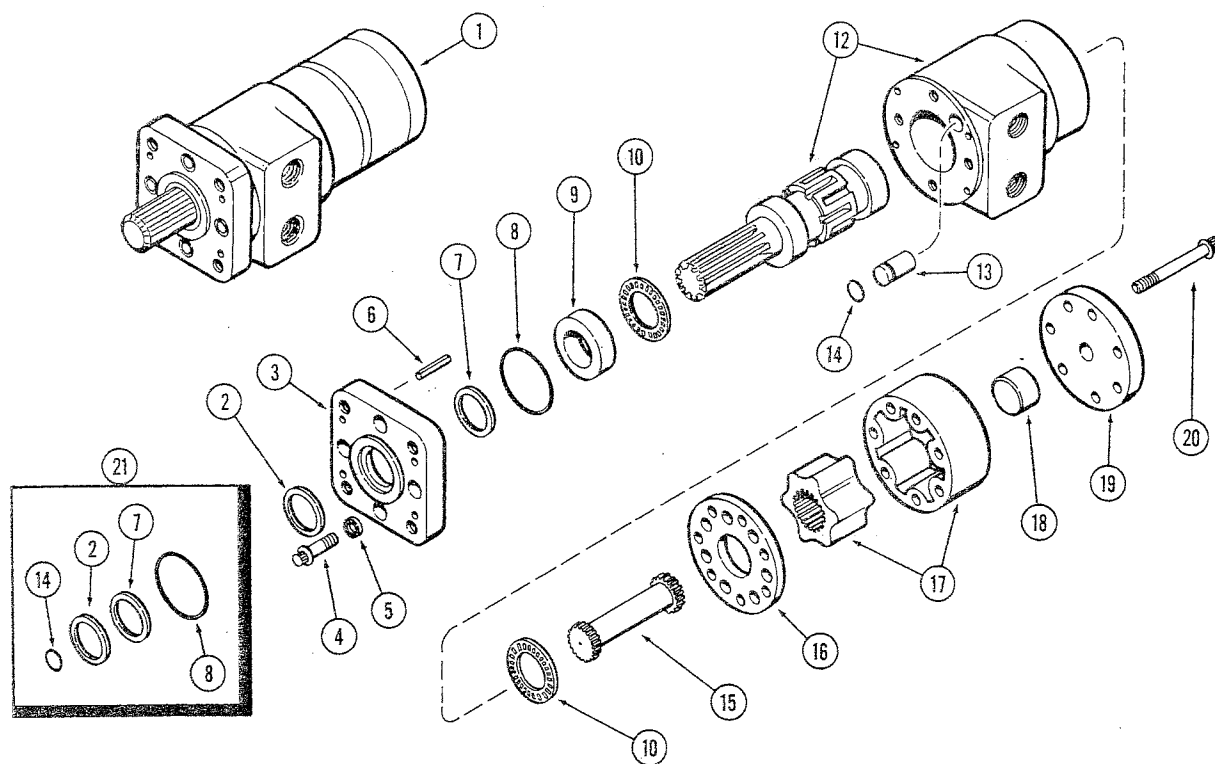


HYDRAULIC PUMP

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 10493	PUMP - hydraulic (195).....	1
1	C 10258	PUMP - hydraulic (155).....	1
2	13- 652	BOLT - 3/8" x 3-1/4" N.C. hex head.....	4
3	195- 2028	WASHER - special.....	4
4	C 11644	COVER - rear, pump body.....	1
5	A 72003	SEAL - pump cover.....	2
6	A 35956	BEARING - pump gear.....	4
7	C 11642	GEAR - pump drive (For C10258 pump on Model 155).....	1
7	A 72005	GEAR - pump drive (For C10493 pump on Model 195).....	1
8	C 11643	GEAR - pump driven (For C10258 pump on Model 155).....	1
8	A 72004	GEAR - pump driven (For C10493 pump on Model 195).....	1
9	126- 12	KEY - Woodruff #6.....	1
10	NSS	BODY - pump (Order C10258 or C10493).....	1
11	A 72001	GASKET - brass, front cover.....	1
12	A 72002	SPACER - gasket, front cover.....	1
13	A 72007	COVER - front pump body.....	1
14	A 50421	SEAL - pump shaft.....	1

PUMP DRIVE COUPLING

18	A 70111	COUPLING - pump drive.....	1
19	83- 55	SCREW - 5/16" x 5/16" N.C. socket head set.....	2
20	NSS	HUB - half, 5/8" dia. bore (Order A70111).....	1
21	A 70112	SPIDER - coupling.....	1
22	NSS	HUB - half, 1" dia. bore (Order A70111).....	1

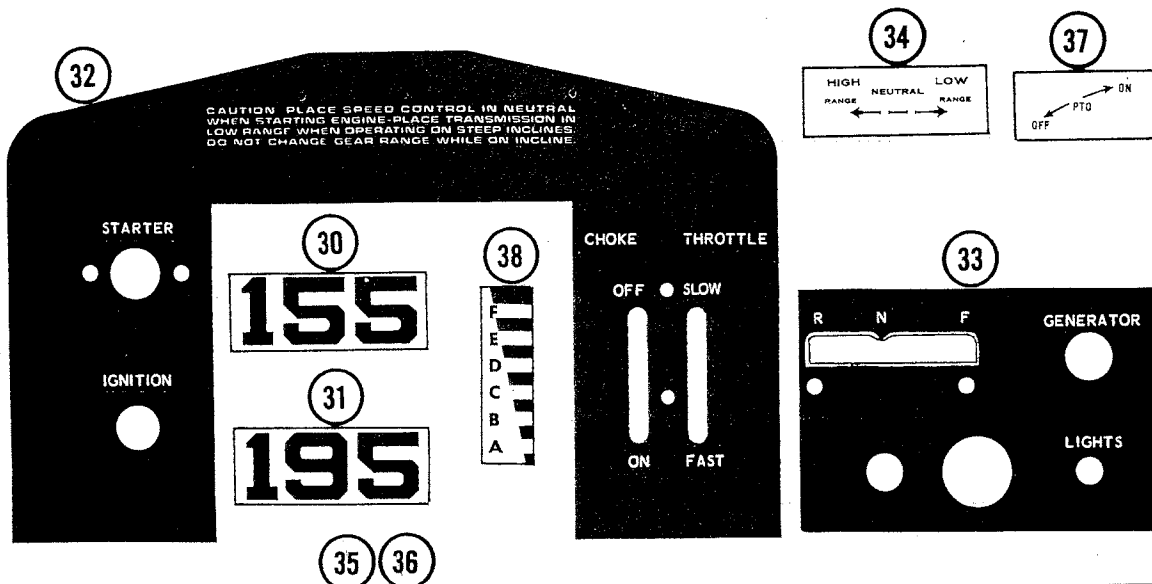
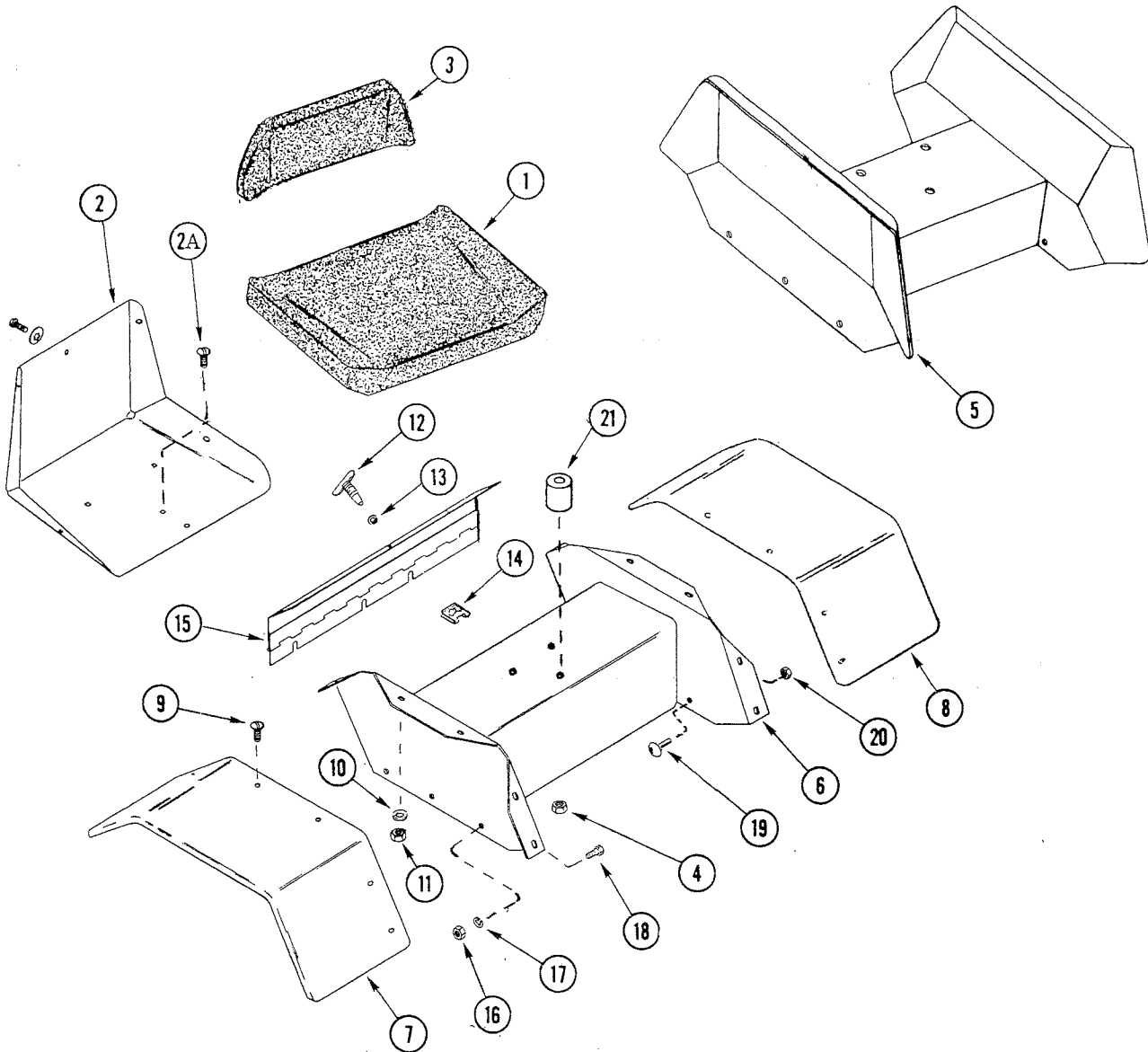


155 HYDRAULIC DRIVE MOTOR

REF. PART NO.	DESCRIPTION	REQ'D
1 C 12305	MOTOR - hydraulic drive (155)	1
2* NSS	OIL SEAL - mtg. plate (See ref. 21)	1
3 A 72028	PLATE - mounting	1
4 166- 23	CAPSCREW - ferry 5/16" x 5/8" N.C.	4
5 193- 82	LOCKWASHER - int. shakeproof 5/16"	4
6 138- 134	PIN - roll 1/4" x 1"	4
7* NSS	QUAD RING - mtg. plate (See ref. 21)	1
8* A 17528	"O" RING - mtg. plate to hsg. (See ref. 21)	1
9 A 72030	RACE - output shaft bearing	1
10 A 72031	BEARING - thrust, output shaft thrust	2
12 C 12682	SHAFT AND HOUSING	1
13 A 72034	PLUG - housing	1
14* NSS	"O" RING - hsg. plug (See ref. 21)	1
15 A 72027	COUPLING - drive	1
16 A 72026	PLATE - spacer	1
17 A 72025	GEROTOR SET (1-1/4" thick)	1
18 A 72051	SPACER - cplg. drive (3/4" thick)	1
19 A 72024	CAP - end	1
20 166- 531	CAPSCREW - ferry 5/16" x 2-1/2" N.F.	7
21 A 72036	KIT - "O" ring and seal (Incl. items marked w/*)	1

195 HYDRAULIC DRIVE MOTOR

25 C 12304	MOTOR - hydraulic drive (195)	1
26* NSS	OIL SEAL - mtg. plate (See ref. 45)	1
27 A 72028	PLATE - mounting	1
28 166- 23	CAPSCREW - ferry 5/16" x 5/8" N.C.	4
29 193- 82	LOCKWASHER - int. shakeproof 5/16"	4
30 138- 134	PIN - roll, 1/4" x 1"	4
31* NSS	QUAD RING - mtg. plate (See ref. 45)	1
32* NSS	"O" RING - (See ref. 45)	1
33 A 72030	RACE - output shaft bearing	1
34 A 72031	BEARING - thrust, output shaft	2
36 C 12682	SHAFT AND HOUSING	1
37 A 72034	PLUG - housing	1
38* NSS	"O" RING - housing plug (See ref. 45)	1
39 A 72027	COUPLING - drive	1
40 A 72026	PLATE - spacer	1
41 A 72112	GEROTOR SET (2" thick)	1
42 A 72113	SPACER - cplg. drv. (1-1/2" thick)	1
43 A 72024	CAP - end	1
44 166- 532	CAPSCREW - ferry, 5/16" x 3-1/4" N.F.	7
45 A 72036	KIT - "O" ring and seal (incl. item marked w/*)	1



Hydra-Static Drive

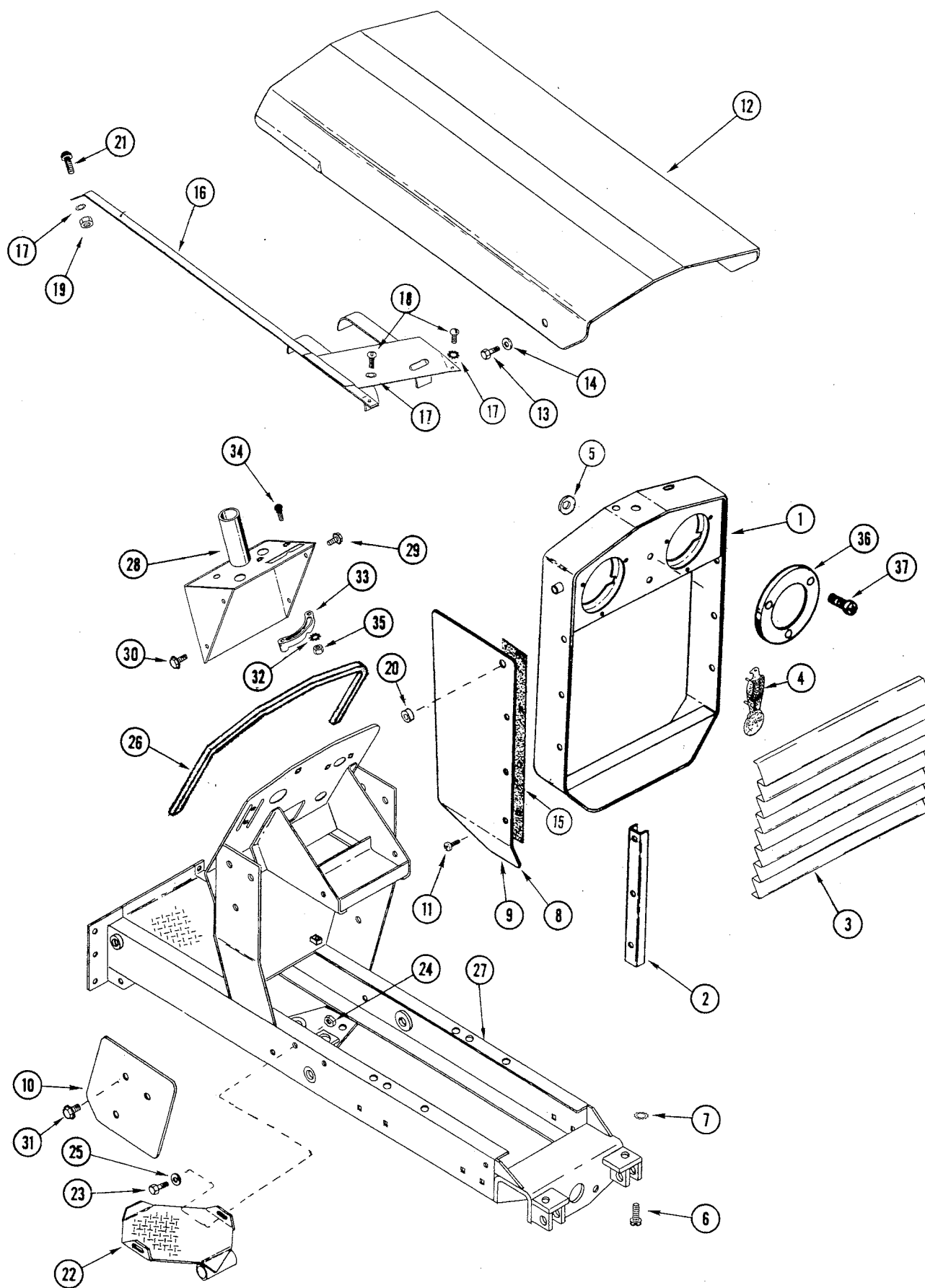
CASE

SEAT, FENDERS AND TOOL BOX

REF.	PART NO.	DESCRIPTION	REQ'D
	C 10421	SEAT ASSEMBLY	1
1	C 11636	CUSHION - seat	1
2	C 11637	PAN - seat	1
2A	111- 207	BOLT - Rd. Hd. Short Sq. Neck, 5/16" x 2" N.C.	3
3	C 11635	CUSHION - back	1
4	131- 351	NUT - 5/16" N.C., hex	3
5	C 10429	SUPPORT - seat (195)	1
6	C 10380	SUPPORT - seat (155)	1
7	C 10395	FENDER - right hand (155)	1
8	C 10396	FENDER - left hand (155)	1
9	175- 400	SCREW - 1/4"-20 x 1/2" truss head	10
10	192- 19	LOCKWASHER - 1/4" Z.P.	10
11	129- 101	NUT - 1/4" N.C., hex, Z.P.	10
12	C 10423	STUD - tool box latch	1
13	C 10489	WASHER - stud retainer	1
14	C 10490	RECEPTACLE - stud clip-on	1
15	C 10424	DOOR - tool box	1
16	129- 102	NUT - 5/8" N.C., hex, Z.P.	5
17	192- 20	LOCKWASHER - 5/16" Z.P.	5
18	115- 103	BOLT - 5/16"-18 x 3/4" rd. hd., plated	5
19	175- 46	SCREW - 5/16" x 3/8" truss head, plated	1
20	131- 176	NUT - 5/16" N.C., Gripco, plated	1
21	C 10433	MOUNTS - seat	3

DECALS

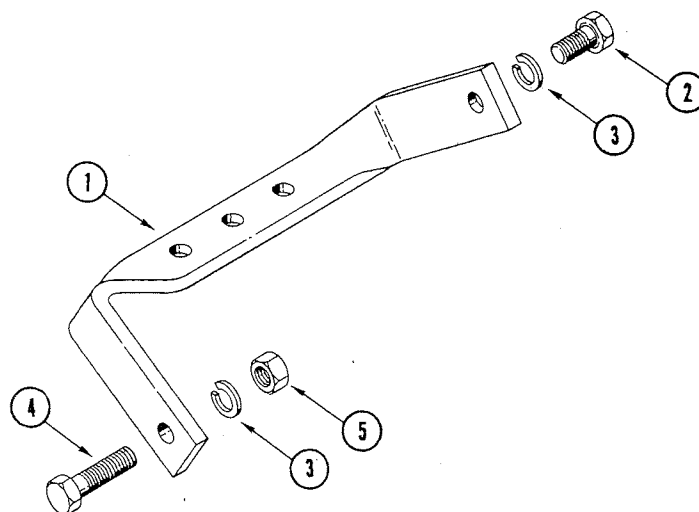
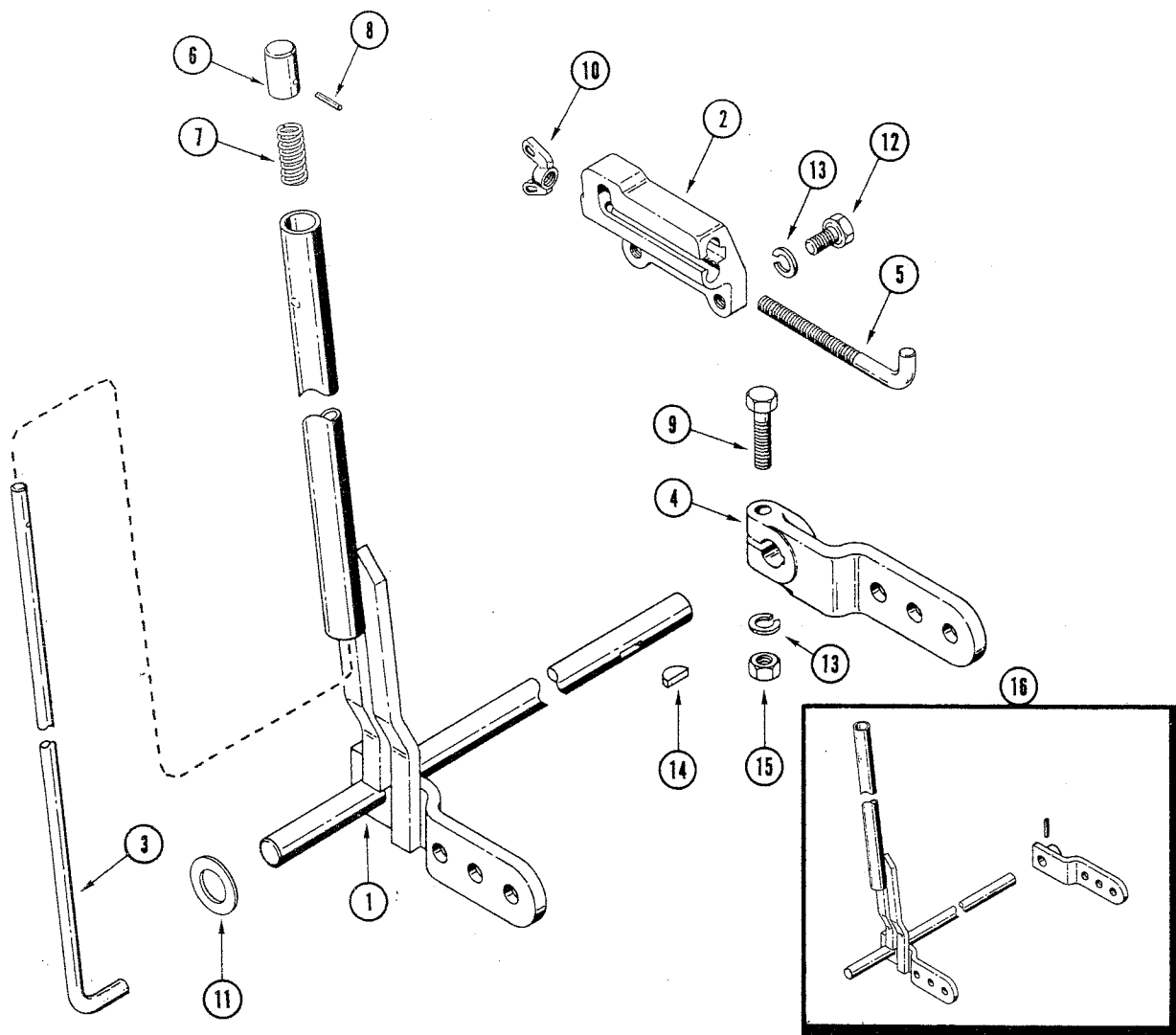
30	C	12180	DECAL - Model 155	2
31	C	12181	DECAL - Model 195	2
32	C	12212	DECAL - instrument panel (large)	1
33	C	13934	DECAL - instrument panel (small)	1
34	A	70233	DECAL - Hi-Lo shift	1
35	C	12276	DECAL - hood stripe, R. H.	1
36	C	12277	DECAL - hood stripe, L. H.	1
37	C	10936	DECAL - PTO ON-OFF	1
38	C	12506	DECAL - level indicator	1



HOOD, FRAME AND GRILLE

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 14024	GRILLE	1
2	C 10349	BRACKET - grille mounting	2
3	C 10413	PANEL - grille	1
4	A 24526	MEDALLION - radiator grille	1
5	131- 413	PALNUT - 1/4"	2
6	182- 509	SCREW - 5/16"-18 x 1" pan head, Phillips	2
7	193- 9	LOCKWASHER - 5/16" SAE external tooth	2
8	C 10370	PANEL - front, side, right hand	1
9	C 10371	PANEL - front, side, left hand	1
10	C 12234	PANEL - rear, side, right hand	1
10	C 12114	PANEL - rear, side, left hand	1
11	C 10596	SCREW - #10 Phillips pan head	6
12	C 10360	HOOD	1
13	C 10361	SCREW - 1/4"-20 x 1/2", lock, plated	2
14	C 11534	BUSHING - hood	2
15	C 12165	WRAPPER - front panel	2
16	C 12203	BRACKET - fuel tank mounting	1
17	193- 8	WASHER - 1/4" shakeproof	3
18	173- 207	SCREW - 1/4" x 5/8" rd. hd. machine	3
19	129- 101	NUT - 1/4" N.C., zinc plated	1
20	C 11533	SPACER - hood	2
21	111- 128	BOLT - 1/4"-20 x 3/4" rd. hd., square neck	1
22	C 10283	FOOTPAD	2
23	15- 514	BOLT - 5/16" x 7/8" N.C., hex	2
24	25- 105	NUT - 5/16" N.C., hex	2
25	92- 5	LOCKWASHER - 5/16" SAE	2
26	C 11582	CHANNEL - instrument panel liner	1
27	C 14077	FRAME - main (195)(used prior to S/N 9628317)	1
27	C 14076	FRAME - main (155)(used prior to S/N 9624443)	1
27	C 14315	FRAME - main (195) (used S/N 9628317 and after)	1
27	C 14314	FRAME - main (155) (used S/N 9624443 and after)	1
28	C 13983	SUPPORT - steering (195)(used prior to S/N 9628317)	1
28	C 13984	SUPPORT - steering (155)(used prior to S/N 9624443)	1
28	C 14312	SUPPORT - steering (195) (used S/N 9628317 and after)	1
28	C 14311	SUPPORT - steering (155) (used S/N 9624443 and after)	1
29	187- 1009	SCREW - 1/4"-20 x 3/8" shakeproof	1
30	187- 1043	SCREW - 1/4"-20 x 1/2" self-tapping, hex head	3
31	187- 1036	SCREW - 1/4"-20 x 1/2" self-tapping	6
*	C 14063	KIT - speed control locator	1
32	193- 57	WASHER - 1/4" external tooth	2
33	C 13388	LOCATOR - speed control	1
34	111- 129	SCREW - 1/4"-20 x 1" rd. hd., square neck, Z.P.	2
35	129- 101	NUT - 1/4" N.C., hex, Z.P.	2
36	A 11275	RING - headlamp retainer	1
37	187- 1008	SCREW - #6 x 1/2" pan head, self-tapping	6

*Use as replacement on Model 155 tractors prior to s/n 9622668
and on Model 195 tractors prior to s/n 9627170.



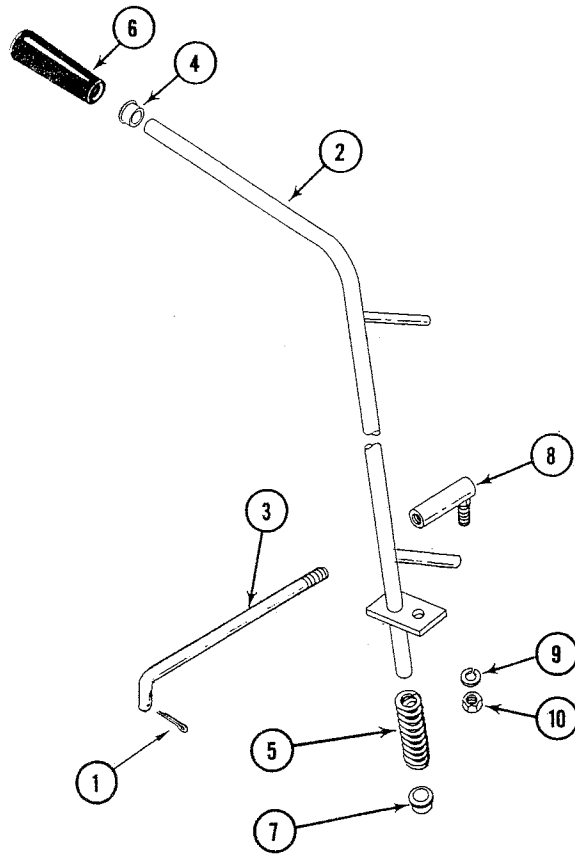
IMPLEMENT LIFT

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 13356	LEVER - implement lift (keyed type)	1
2	C 13289	PAD - lift lever	1
3	C 10338	ROD - lift lever	1
4*	C 14528	LEVER - pivot	1
5	C 12280	ROD - depth adjusting	1
6	C 10356	BUTTON - thumb	1
7	C 10482	SPRING - compression	1
8	138- 2026	PIN - spiral, 1/8" x 3/4"	1
9*	113- 219	BOLT - 3/8" x 2" N.C., hex, Z.P.	1
10	129- 601	NUT - wing 3/8" Z.P.	1
11	195- 545	WASHER - 13/16" plain	1
12	115- 203	BOLT - 3/8"-16 x 3/4" N.C., hex head	2
13	192- 21	LOCKWASHER - 3/8" Z.P.	3
14*	129- 601	KEY - Woodruff #11	1
15*	129- 103	NUT - 3/8" N.C., hex, Z.P.	1
16**	C 12570	LEVER ASSEMBLY - implement lift, pinned type, (Not available) (Order one each items 1, 4, 9, 13, 14, & 15)	1
17**	135- 137	PIN - drive 10k 1/4" x 1-1/2"	1

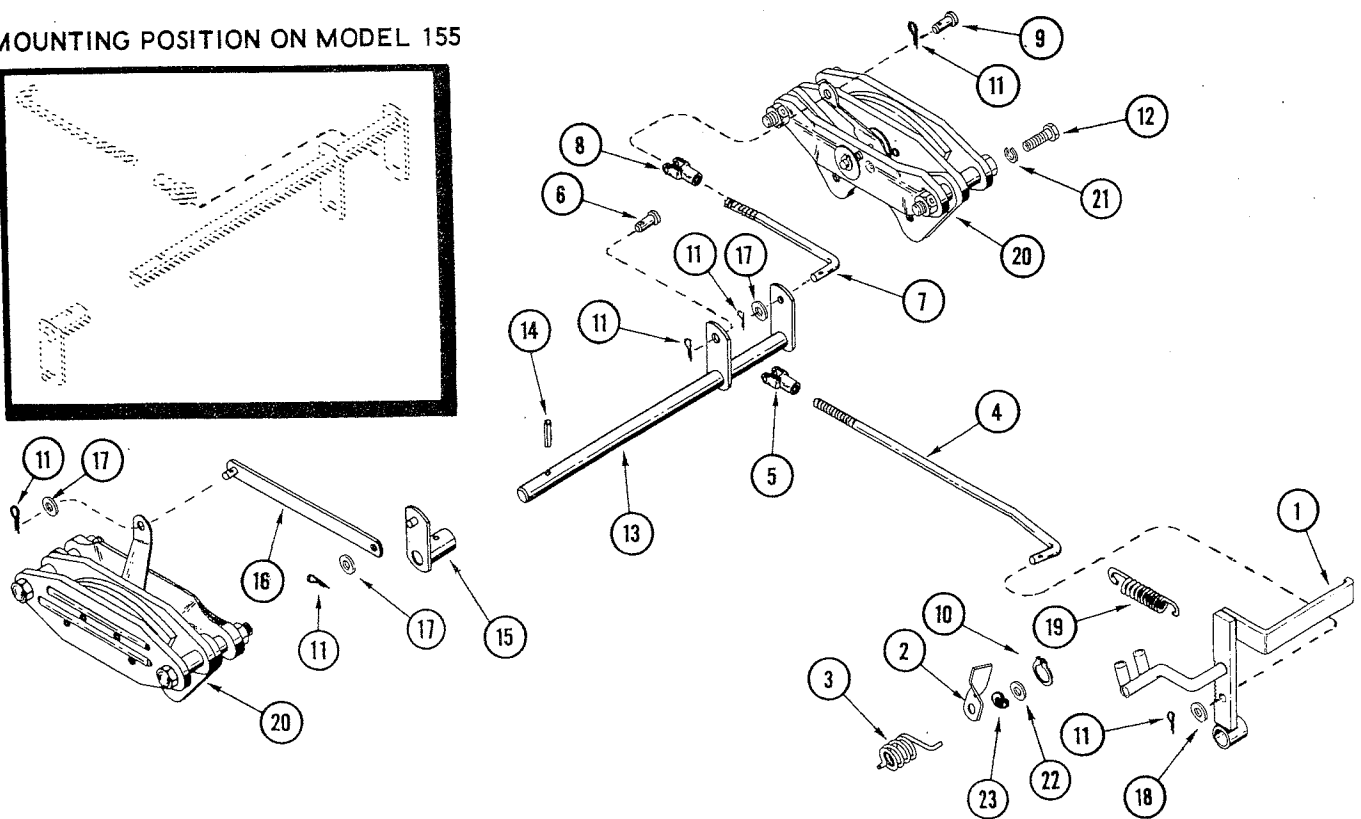
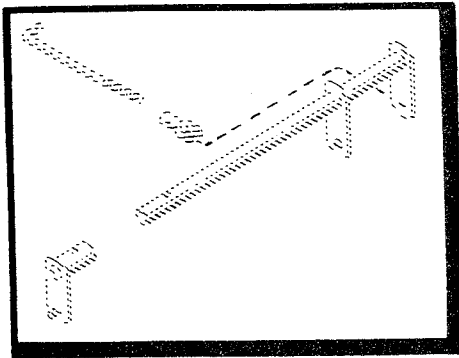
DRAWBAR AND TOW HITCH

1	C 10449	DRAWBAR - hitch	1
2	15- 816	BOLT - 1/2" x 1" N.C., hex	1
3	92- 8	LOCKWASHER - 1/2"	2
4	15- 836	BOLT - 1/2" x 2-1/4" N.C., hex	1
5	25- 108	NUT - 1/2" N.C., hex	1

- * Used on Model 155 S/N 9622882 and after and Model 195 S/N 9627208 and after.
 ** Used on Model 155 prior to S/N 9622882 and Model 195 prior to S/N 9627208.



MOUNTING POSITION ON MODEL 155

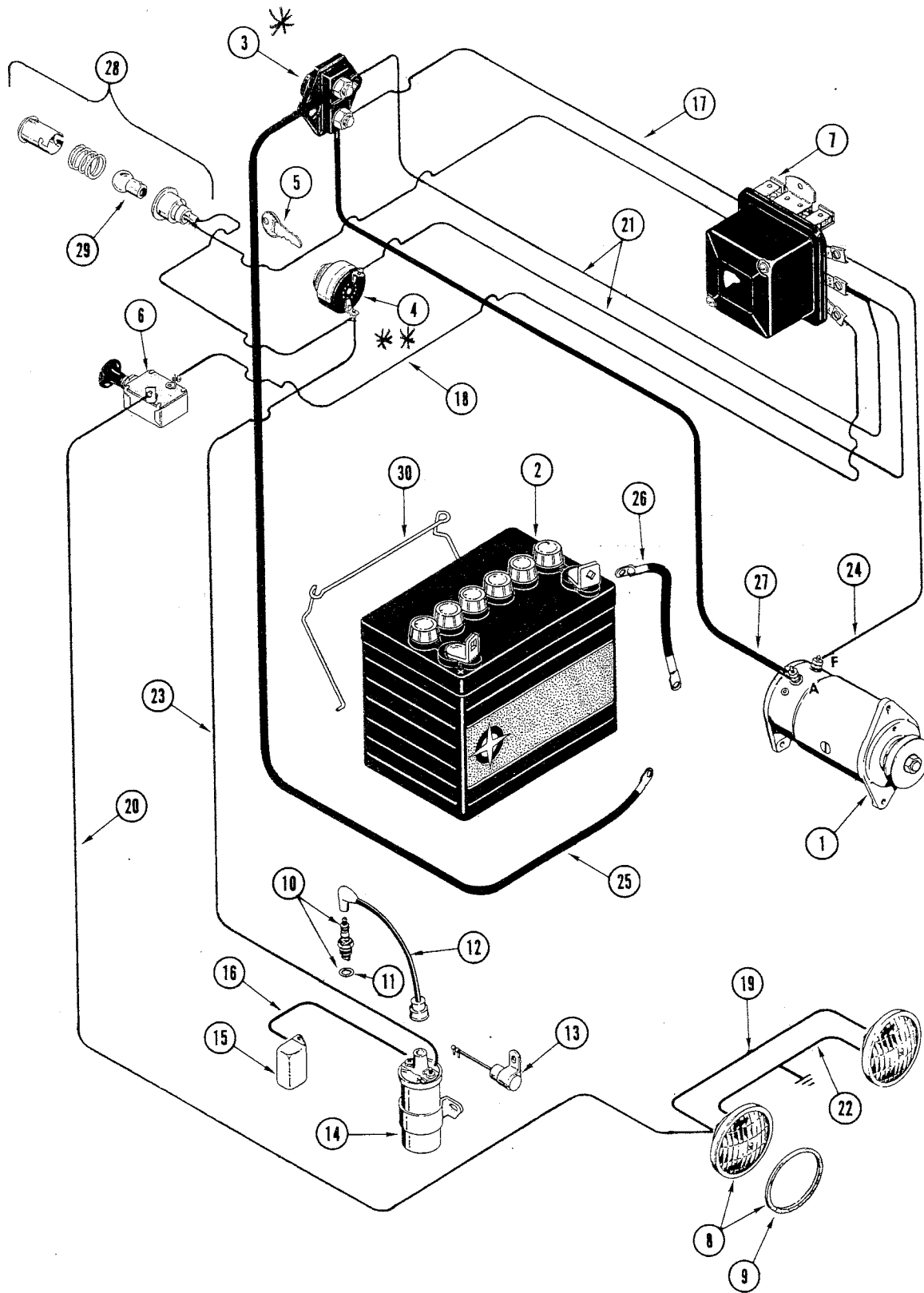


SPEED CONTROL

REF.	PART NO.	DESCRIPTION	REQ'D
1	132- 320	PIN - cotter 3/32" x 3/4" Z.P.	1
2	C 12139	LEVER - speed control	1
3	C 11943	ROD - speed control (Use with C12149 control valve)	1
3	C 14059	ROD - speed control (Use with C13341 control valve)	1
4	C 12093	BUSHING - fliplock	1
5	C 11942	SPRING - compression	1
6	A 37247	KNOB - speed control lever	1
7	C 12127	BUSHING - nylon	1
8	C 12168	JOINT - ball	1
9	192- 20	LOCKWASHER - 5/16" std. plated	1
10	129- 102	NUT - 5/16" N.C., hex, Z.P.	1

BRAKE MOUNTING

1	C 12597	PEDAL - brake	1
2	C 12604	LOCK - brake	1
3	C 13357	SPRING - brake lock	1
4	C 12135	ROD - brake	1
5	213- 4	CLEVIS - 3/8"	1
6	141- 4	PIN - clevis, 3/8"	1
7	C 12145	ROD - pull, L.H.	1
8	213- 3	CLEVIS - 5/16"	1
9	141- 3	PIN - clevis, 5/16"	1
10	A 11538	RING - external retaining	1
11	132- 26	PIN - cotter, 3/32" x 3/4"	6
12	113- 206	BOLT - 3/8" x 3/4" N.C., hex	4
13	C 12132	SHAFT - brake (195)	1
13	C 14147	SHAFT - brake (155)	1
14	138- 2005	PIN - spiral, 1/4" x 1"	1
15	NSS	LEVER (order items 24 and 25)	1
16	NSS	STRAP - pull, R.H. (order items 24 and 25)	1
17	195- 521	WASHER - plain plated	3
18	195- 104	WASHER - 3/8" plain plated	1
19	C 12612	SPRING - brake extension	1
20	NSS	BRAKE - (155) (See page 31)	2
20	NSS	BRAKE - (195) (See page 31)	2
21	192- 21	LOCKWASHER - 3/8" Z.P.	4
22	195- 533	WASHER - Z.P.	1
23	C 12115	WASHER - wavy 1/2"	1
24	C 14018	ROD - pull	1
25	C 14019	LEVER	1



ELECTRICAL SYSTEM

REF.	PART NO.	DESCRIPTION	REQ'D
1	A 70202	STARTER - generator	1
2	C 10458	BATTERY - 12 volt	1
* 3	C 11247	SWITCH - starter	1
* 4	C 13985	SWITCH - ignition (Includes key)	1
5	C 12684	KEY - ignition	1
6	C 10474	SWITCH - light	1
7	A 70221	REGULATOR - voltage 12 volt	1
8	A 24572	HEADLAMP - 12 volt	2
9	A 11276	GASKET - headlight retainer	2
10	M 20007	SPARK PLUG (Includes gasket)	1
11	A 27251	GASKET - spark plug	1
12	KO 238057	CABLE - high tension	1
13	KO 230722	CONDENSER	1
14	KO 231281	COIL - ignition 12 volt	1
15	KO 232535	COVER - breaker contact	1
16	KO 231533	WIRE - breaker contact (Includes grommet)	1
17	C 12193	WIRE - regulator ground to starter switch (White 12")	1
18	C 12194	WIRE - regulator to light switch (Yellow 19")	1
19	C 12269	WIRE - connector to lights (Black)	1
20	C 12270	WIRE - light switch to head lamp (Black)	1
21	C 13812	WIRE ASSEMBLY - regulator (Red 9") (Black 13")	1
22	C 10985	WIRE - head lamp to head lamp ground (Black 9" and 5")	1
23	C 10592	WIRE - ignition switch to coil (Green 36")	1
24	C 12192	WIRE - regulator to generator field (Black 17")	1
25	C 12197	CABLE - battery to starter switch (Black 18")	1
26	C 12198	CABLE - battery to ground (Black 10-3/4")	1
27	C 12199	CABLE - starter switch to generator (Black 20-1/2")	1
28*	C 13618	LAMP ASSEMBLY - warning generator indicator	1
29*	A 24354	BULB - warning lamp (Red)	1
28**	C 12209	LAMP ASSEMBLY - generator warning (Red lens)	1
29**	B 50213	BULB - warning lamp (White)	1
30	C 10549	BRACKET - battery hold down	1

* Used on Model 155 Tractors Serial Number 9622668 and after.

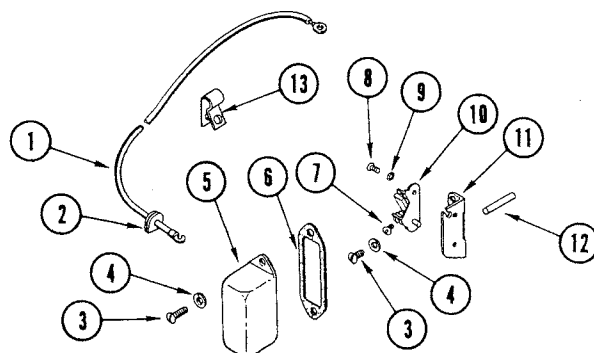
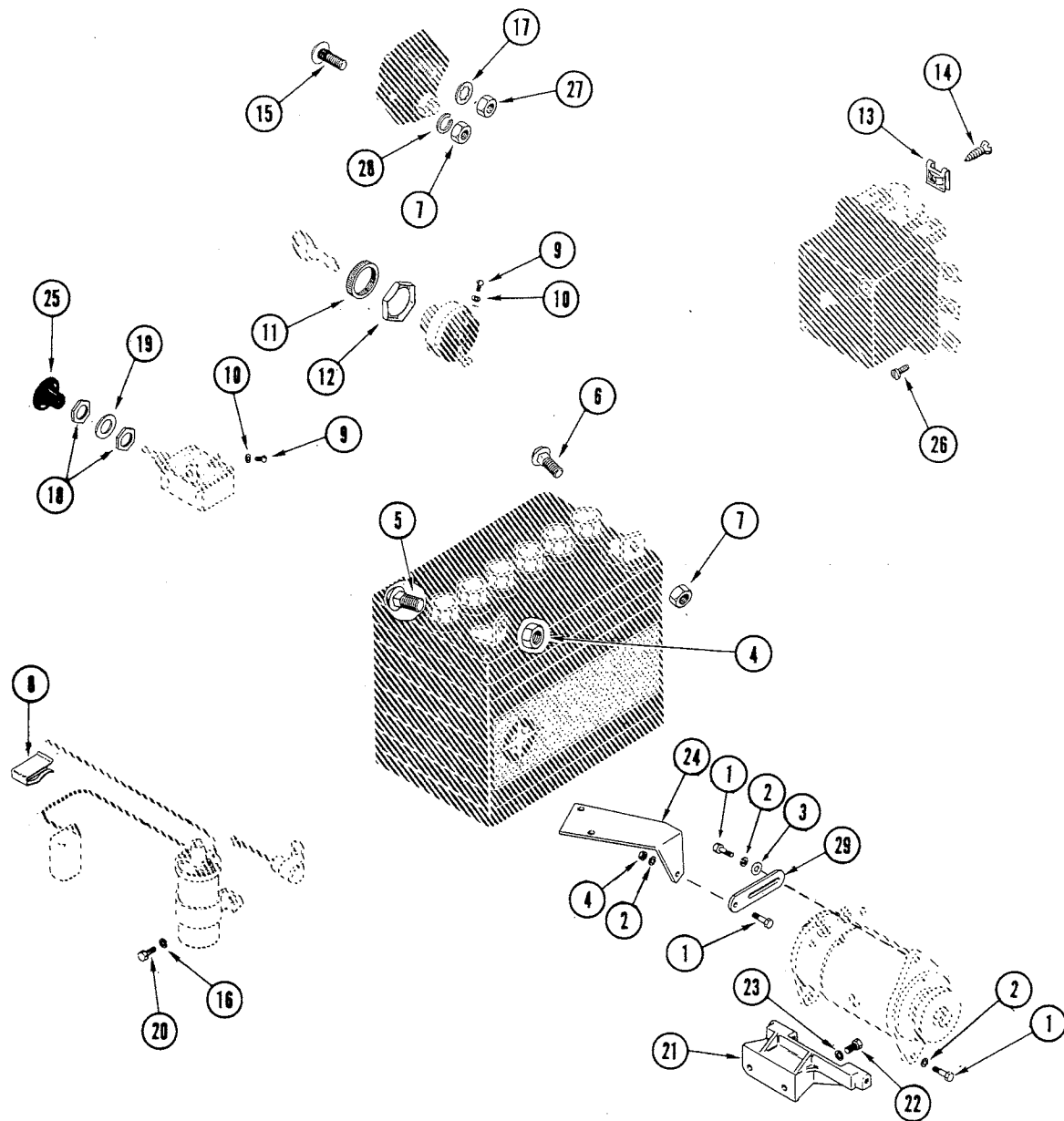
* Used on Model 195 Tractors Serial Number 9627170 and after.

** Used on Model 155 Tractors prior to Serial Number 9622668.

** Used on Model 195 Tractors prior to Serial Number 9627170.

* Cole Hersee # 9183
Autolite # SW-4012
Delco # 1996478

** Cole Hersee # 9577
(617) 268-2100 phone

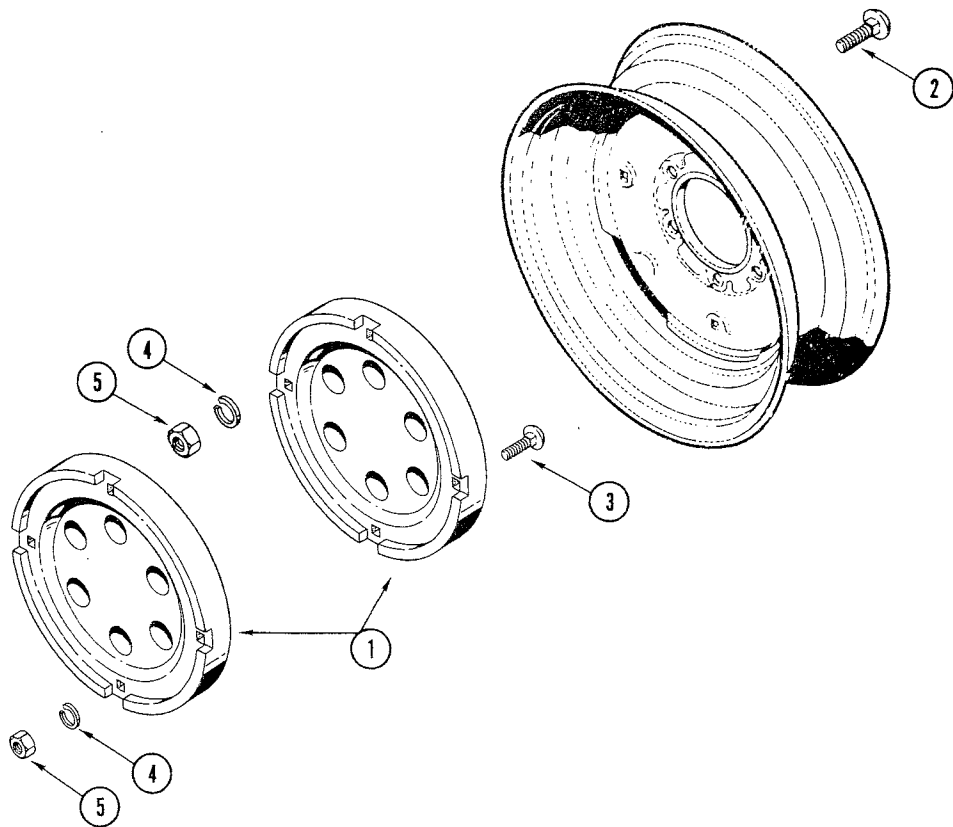
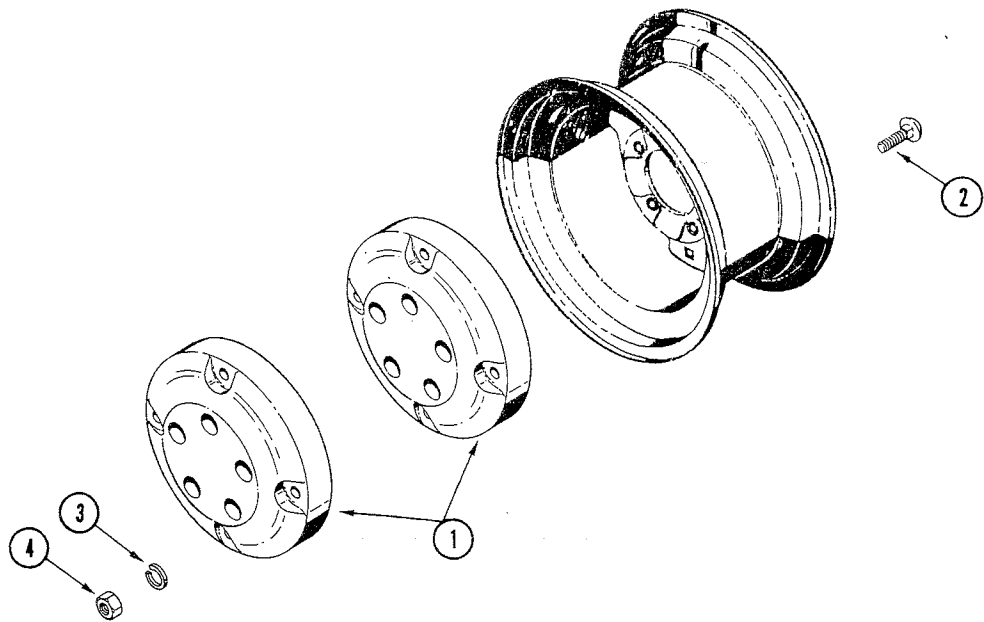


ELECTRICAL SYSTEM HARDWARE

REF.	PART NO.	DESCRIPTION	REQ'D
1	113- 103	BOLT - 5/16" x 1" N.C., hex, Z.P.	3
2	192- 20	LOCKWASHER - 5/16" Z.P.	2
3	195- 520	WASHER - plain 5/16" Z.P.	1
4	129- 102	NUT - 5/16" N.C., hex, Z.P.	2
5	11- 512	BOLT - 5/16" N.C., rd. hd., square neck, battery positive cable ..	1
6	11- 412	BOLT - 1/4" N.C., rd. hd., square neck, battery ground cable ...	1
7	129- 101	NUT - 1/4" N.C., hex, Z.P.	3
8	C 10472	CLIP - wire holder.	2
9	173- 224	SCREW - #8 x 1/4" round head.	4
10	193- 91	WASHER - #8 internal tooth.	2
11	C 12683	NUT - 3/4" escutcheon.	1
12	C 14060	NUT - 3/4" back up.	1
13	C 10836	NUT - speed type U.	2
14	187- 131	SCREW - #10 x 3/4" Self-tapping, flat head, Z.P.	2
15	111- 128	BOLT - 1/4" x 3/4" N.C., rd. hd., square neck, blk., Z.P.	2
16	192- 19	LOCKWASHER - 1/4" Z.P.	2
17	193- 82	WASHER - 5/16" internal tooth, Z.P.	2
18	C 14088	NUT - 3/8"	2
19	C 12617	WASHER - 3/8" plain.	1
20	113- 1	BOLT - 1/4" x 1/2" N.C., hex, Z.P.	2
21	KO 235196	SUPPORT - starter generator.	1
22	113- 221	BOLT - 3/8" x 7/8" N.C., hex, Z.P.	2
23	192- 21	LOCKWASHER - 3/8"	2
24	KO 235197	SUPPORT - starter generator adjust.	1
25	C 14089	KNOB - light switch.	1
26	169- 131	SCREW - #8 N.C. x 5/16" fillister head.	3
27	129- 122	NUT - 5/16" N.F. hex, Z.P.	2
28	193- 57	WASHER - 1/4" external tooth, Z.P.	2
29	C 14599	BRACKET - starter generator adjust.	1

BREAKER CONTACTS

1.	KOA231533	LEAD - breaker contact (Includes grommet)	1
2	KO 220297	GROMMET - contact lead.	1
3	173- 210	SCREW - #10-24 x 3/8" rd. hd., Z.P.	4
4	192- 18	LOCKWASHER - 3/16" Z.P.	4
5	KO 232535	COVER - breaker contact.	1
6	KO 220174	GASKET - cover.	1
7	187- 408	SCREW - #6-32 x 3/8" Self-tapping.	1
8	173- 224	SCREW - breaker contact mounting #8 x 1/4" N.C., rd. hd.	1
9	193- 5	LOCKWASHER - #8 internal tooth.	1
10	KOA220474	POINT SET - breaker contact.	1
11	KO 220476	BRACKET - breaker contact mounting.	1
12	C 18100	ROD - breaker contact push.	1
13	KO 275303	CLIP - wire.	1

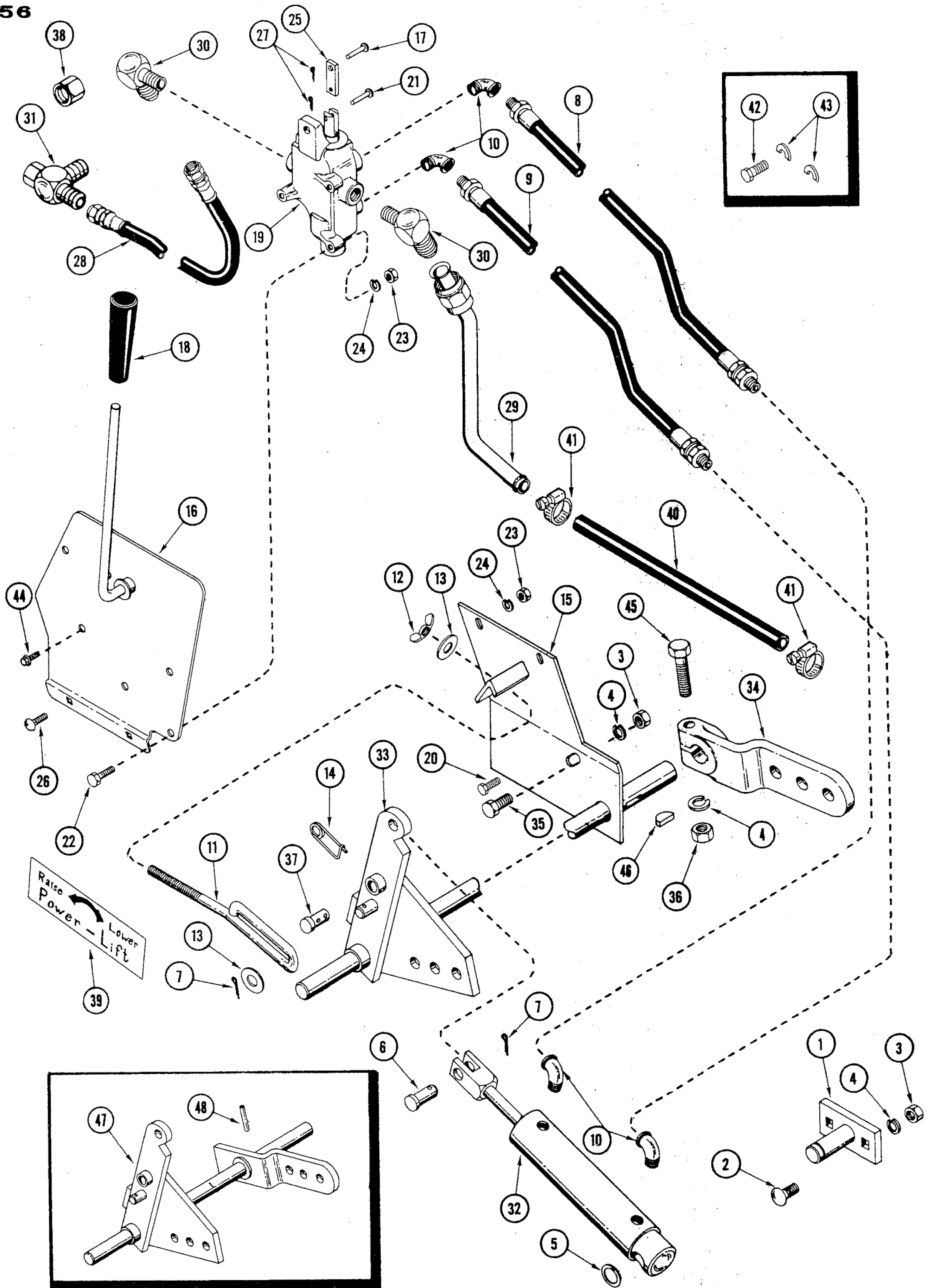


D8 WHEEL WEIGHTS - MODEL 155

REF. PART NO.	DESCRIPTION	REQ'D
1 NSS	WEIGHT - wheel, 12" (order as machinery item)	4
2 111- 532	BOLT - 1/2" x 3-3/4" rd. hd., square neck, N.C., Z.P.	8
3 192- 23	LOCKWASHER - 1/2" Z.P.	8
4 129- 105	NUT - 1/2" N.C., hex	8

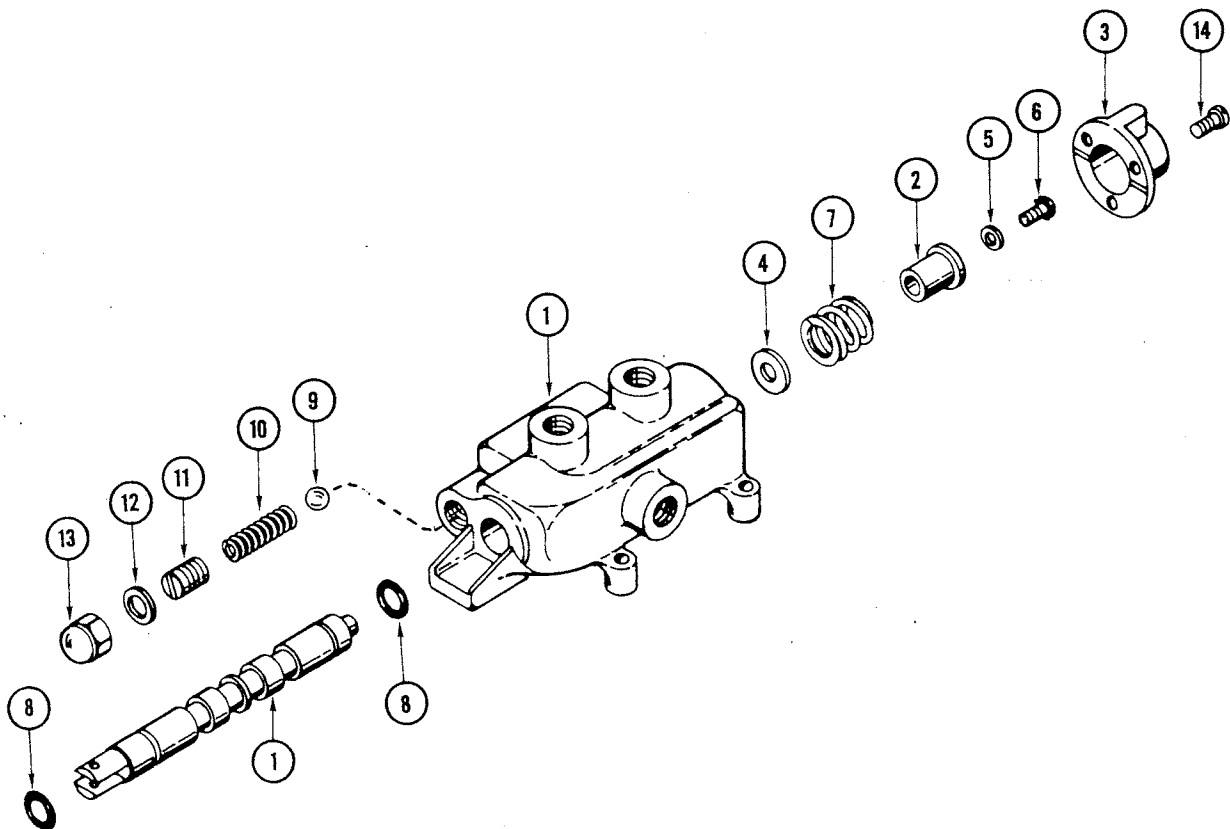
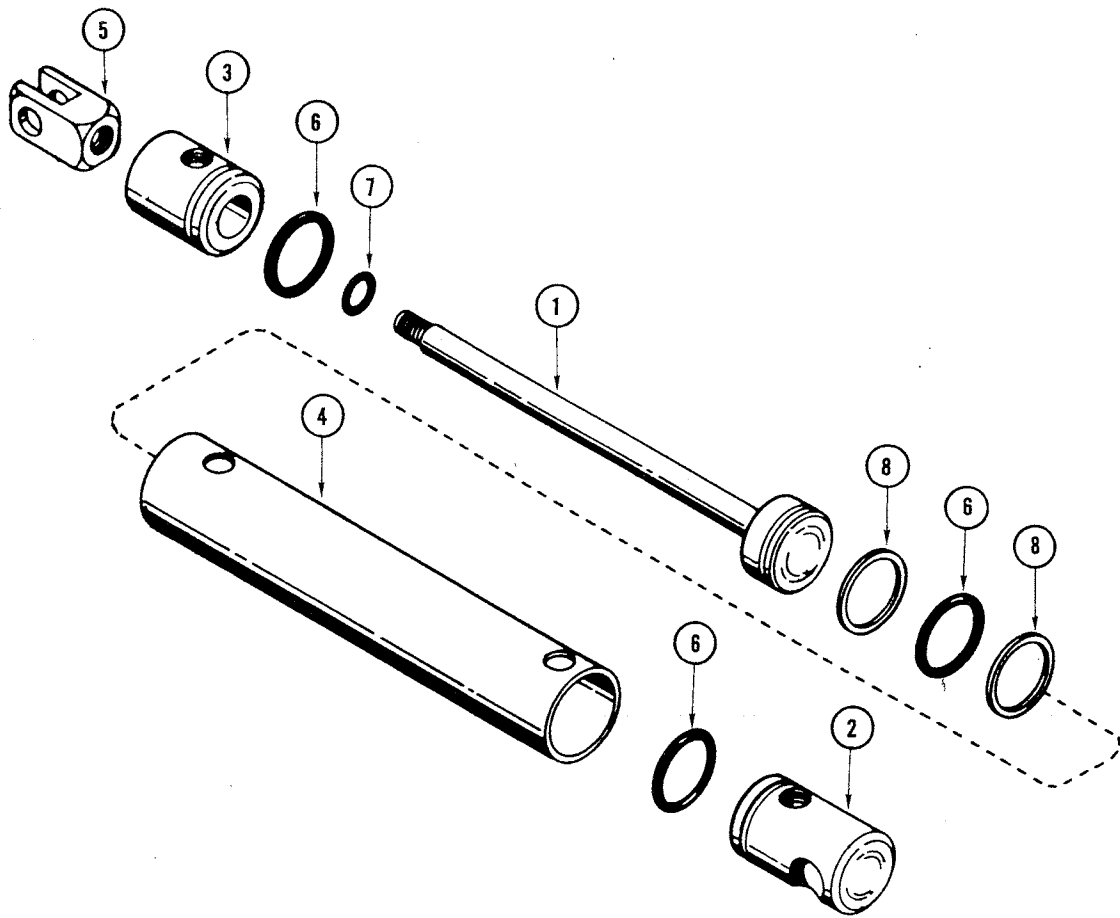
D10 WHEEL WEIGHTS - MODEL 195

1 NSS	WEIGHT - wheel, 15" & 16" (order as machinery item)	4
2 111- 530	BOLT - 1/2" x 2-1/2" rd. hd., square neck, N.C., Z.P.	4
3 111- 531	BOLT - 1/2" x 2-3/4" rd. hd., square neck, N.C., Z.P.	4
4 92- 8	LOCKWASHER - 1/2" Z.P.	8
5 129- 105	NUT - 1/2" N.C., hex	8



MODEL E25 HYDRAULIC LIFT KIT

REF. PART NO.	DESCRIPTION	REQ'D
1 C 12750	BRACKET - cylinder mounting	1
2 111- 319	BOLT - rd. hd., square neck, 3/8" x 1-1/4" N.C.	2
3 129- 103	NUT - 3/8" N.C., hex, Z.P.	3
4 192- 21	LOCKWASHER - 3/8" Z.P.	4
5 T 25683	RING - retaining	1
6 141- 56	PIN - clevis 1/2"	1
7 132- 310	PIN - cotter, 1/8" x 1" Z.P.	2
8 C 12674	HOSE - 12-1/2"	1
9 C 12675	HOSE - 20"	1
10 221- 412	ELBOW - street 1/4" NPTF	4
11 C 12792	LINK - stop	1
12 129- 601	NUT - wing 3/8" N.C., Z.P.	1
13 195- 530	WASHER - plain 1/2" Z.P.	2
14 C 10898	PIN - safety	1
15 C 12758	PLATE - stop	1
16 C 14154	PLATE - valve mounting	1
17 135- 137	PIN - Drive-Lok, 1/4" x 1-1/2"	1
18 C 12678	GRIP - lever	1
19 C 14153	VALVE - lift (Repairs see page 59)	1
20 115- 105	BOLT - 5/16" x 1" N.C., hex, Z.P.	1
21 141- 2	PIN - clevis 1/4" x 3/4"	2
22 113 4	BOLT - 1/4" x 1" N.C., hex, Z.P.	3
23 129- 101	NUT - 1/4" N.C., hex, Z.P.	5
24 192- 19	LOCKWASHER - 1/4" Z.P.	5
25 C 12633	LINK - valve	1
26 111- 112	BOLT - rd. hd., short square neck, 1/4" x 3/4" N.C., Z.P.	2
27 132- 5	PIN - cotter, 1/16" x 1/2" Z.P.	2
28 C 13317	HOSE - pressure	1
29 C 13329	TUBE - cooler	1
30 218- 1057	FITTING - 90° 5/8" tube x 3/8" NPTF	2
31 C 11430	TEE - 5/8" x 5/8" x 1/2" tube	1
32 C 12676	CYLINDER - hydraulic (Repairs see page 59)	1
33 C 13804	LIFT LEVER ASSEMBLY	1
34 C 14528	LEVER - pivot	1
35 115- 204	BOLT - 3/8" x 1" N.C., hex, Z.P.	1
36 129- 103	NUT - 3/8" N.C., hex, Z.P.	1
37 C 12777	PIN - clevis 1/2"	1
38 218- 755	CAP - C11430 tee (For tube removal)	1
39 C 13210	DECAL - power lift	1
40 C 13330	HOSE - cooler	1
41 214- 253	CLAMP - hose	2
42 115- 204	BOLT - 3/8" x 1" N.C. (Required when installing E36 Snow Thrower)	1
43 C 13331	SHIM - 3/8" flat (Required when installing E36 Snow Thrower)	2
44 187 1036	SCREW - 1/4" x 1/2" N.C., hex, self-tapping	3
45 113 219	BOLT - 3/8" x 2" N.C., hex, Z.P.	1
46 126- 119	KEY - Woodruff #11	1
47 NSS	LIFT LEVER ASSEMBLY - not available (Order one each Ref. No. 4, 33, 34, 36, 45, & 46)	1



MODEL E25 HYDRAULIC LIFT KIT **C12676 LIFT CYLINDER**

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 12880	ROD - cylincer	1
2	C 12883	HEAD - cylinder	1
3	C 12884	HEAD - cylinder rod end	1
4	C 12885	TUBE - cylinder	1
5	C 12886	CLEVIS - rod end	1
6	D 26819	"O" RING - 1-1/2" OD	3
7	A 27410	"O" RING - 3/4" OD	1
8	C 12903	WASHER - back up	2

C14153 DIRECTIONAL VALVE

(REPLACES C12677 VALVE)

1	NSS	BODY AND SPOOL ASSEMBLY	1
2	C 13200	SPACER	1
3	C 13201	CAP - end	1
4	195- 521	WASHER - plain 3/8"	1
5	195- 510	WASHER - plain 3/16"	1
6	193- 524	SCREW - rd. hd. slotted w/ext. lockwasher #10-32 x 3/8"	1
7	C 18850	SPRING - return	1
8	D 40816	SEAL - "O" ring	2
9	211- 9	BALL - steel	1
10	C 13203	SPRING - relief	1
11	C 13207	SCREW - relief adj. 7/16-20 x 5/8"	1
12	C 13204	GASKET - relief cap	1
13	129- 531	CAP - acorn 7/16" N.F.	1
14	169-2 146	SCREW - fill. hd., #8-32 x 3/8" N. C. ZP	3

NUMERICAL INDEX

PART NO.	PAGE NO.	REF. NO.	PART NO.	PAGE NO.	REF. NO.	PART NO.	PAGE NO.	REF. NO.
127-T	23D	29	A 70205	17	21	A 72085	21	3
16905	37	2	A 70221	51	7	A 72087	21	18
40035	9	20	A 70233	43	34	A 72088	21	22
40035	11	20	A 70392	27	2	A 72089	21	23
40035	13	28	A 72001	39	11	A 72090	21	21
40035	15	28	A 72002	39	12	A 72092	17	26
A 7982	37	5	A 72003	39	5	A 72094	21	25
A 7982	37	26	A 72004	39	8	A 72095	21	30
A 10326	17	55	A 72005	39	7	A 72096	21	29
A 11275	45	36	A 72007	39	13	A 72097	21	24
A 11276	51	9	A 72025	41	17	A 72098	21	19
A 11538	49	10	A 72026	41	16	A 72099	21	20
A 17528	41	8	A 72026	41	40	A 72100	13	57
A 24354	51	29	A 72027	41	15	A 72100	15	57
A 24526	45	4	A 72027	41	39	A 72100	9	10
A 24572	51	8	A 72028	41	3	A 72101	21	16
A 25423	25	9	A 72028	41	27	A 72102	21	8
A 25447	25	20	A 72030	41	9	A 72103	21	32
A 25461	25	4	A 72030	41	33	A 72104	25	2
A 25546	25	36	A 72031	41	10	A 72108	13	56
A 27251	51	11	A 72031	41	34	A 72108	15	56
A 27410	59	7	A 72034	41	13	A 72108	19	17
A 27891	37	6	A 72034	41	37	A 72108	19	31
A 30064	31	10	A 72036	41	21	A 72108	19	31
A 30881	29	7	A 72036	41	45	A 72112	41	41
A 30881	29B	7	A 72038	25	7	A 72113	41	42
A 35956	39	6	A 72039	25	5	B 18208	23D	22
A 36041	43	13	A 72040	25	6	B 18208	29B	4
A 37247	49	6	A 72041	25	23	B 18208	33	14
A 40702	25	40	A 72042	25	10	B 50213	51	29
A 40736	25	22	A 72043	25	17	B 59393	13	48
A 40736	25	21	A 72046	25	32	B 59393	15	48
A 41927	25	13	A 72047	25	33	C 10243	33	38
A 43356	25	31	A 72048	25	11	C 10252	33	36
A 43499	25	37	A 72051	41	18	C 10253	33	33
A 50421	39	14	A 72054	41	19	C 10254	33	30
A 44433	25	29	A 72054	41	43	C 10258	35	28
A 70058	27	4	A 72055	37	10	C 10258	35B	31
A 70062	31	11	A 72056	37	17	C 10258	39	1
A 70090	5	5	A 72057	37	9	C 10259	33	12
A 70100	19	3	A 72058	37	7	C 10261	33	31
A 70109	35	34	A 72059	37	4	C 10263	31	1
A 70109	35B	1	A 72060	37	12	C 10264	35	20
A 70111	35	30	A 72062	37	16	C 10264	35B	14
A 70111	35B	17	A 72062	37	27	C 10266	35	13
A 70111	39	18	A 72063	37	13	C 10267	35	17
A 70112	39	21	A 72064	37	22	C 10267	35B	13
A 70117	35	19	A 72065	37	3	C 10283	45	22
A 70117	35B	18	A 72066	37	14	C 10291	33	15
A 70127	33	21	A 72067	37	15	C 10292	33	40
A 70127	35	4	A 72068	37	20	C 10296	33	28
A 70127	35B	27	A 72069	37	6	C 10298	33	39
A 70128	35	2	A 72070	37	21	C 10299	33	18
A 70128	35B	26	A 72070	37	24	C 10302	33	25
A 70131	33	37	A 72071	37	8	C 10303	33	22
A 70137	33	2	A 72072	37	23	C 10312	17	16
A 70141	33	6	A 72073	19	11	C 10312	23	12
A 70142	33	3	A 72073	21	-	C 10314	31	2
A 70143	33	7	A 72074	21	6	C 10317	31	9
A 70185	31	12	A 72075	21	17	C 10338	47	3
A 70202	51	1	A 72077	21	1	C 10348	35	38

NUMERICAL INDEX

61

PART NO.		PAGE NO.	REF. NO.	PART NO.	PAGE NO.	REF. NO.	PART NO.	PAGE NO.	REF. NO.		
C	10348	35B	20	C	11640	33	1	C	12205	27	8
C	10349	45	2	C	11642	39	7	C	12206	27	16
C	10356	47	6	C	11643	39	8	C	12209	51	28
C	10360	45	12	C	11644	39	4	C	12211	19	7
C	10361	45	13	C	11685	27	9	C	12212	43	32
C	10370	45	8	C	11906	29	5	C	12223	17	37
C	10371	45	9	C	11942	49	5	C	12224	17	35
C	10372	5	2	C	11943	49	3	C	12234	45	10
C	10380	43	6	C	11998	33	16	C	12269	51	19
C	10395	43	7	C	11999	29	1	C	12270	51	20
C	10396	43	8	C	12000	29B	1	C	12276	43	35
C	10413	45	3	C	12011	33	29	C	12277	43	36
C	10421	43	-	C	12013	33	20	C	12280	47	5
C	10423	43	12	C	12067	35	17	C	12304	35	1
C	10424	43	15	C	12067	35B	13	C	12304	35B	30
C	10429	43	5	C	12070	35	20	C	12304	41	25
C	10433	43	21	C	12070	35B	14	C	12305	35	1
C	10449	47	1	C	12072	35	35	C	12305	35B	30
C	10458	51	2	C	12072	35B	19	C	12305	41	1
C	10472	53	8	C	12081	31	3	C	12370	31	7
C	10474	51	6	C	12093	49	4	C	12394	35	7
C	10479	19	1	C	12094	23	2	C	12395	35	8
C	10482	47	7	C	12102	29	19	C	12396	35	7
C	10487	23	3	C	12102	29B	19	C	12397	35	8
C	10490	43	14	C	12103	29B	13	C	12506	43	38
C	10493	35	28	C	12110	31	5	C	12524	37	19
C	10493	35B	31	C	12111	31	6	C	12526	29	15
C	10493	39	1	C	12114	45	10	C	12570	47	16
C	10502	23	2	C	12115	29	13	C	12583	33	9A
C	10503	23	3	C	12115	29B	12	C	12584	33	8A
C	10504	23	5	C	12115	49	23	C	12597	49	1
C	10505	23	6	C	12116	27	9	C	12603	17	22
C	10506	23	7	C	12125	27	7	C	12604	49	2
C	10507	23	8	C	12126	27	5	C	12608	23	13
C	10549	51	30	C	12127	49	7	C	12612	49	19
C	10592	51	23	C	12132	49	13	C	12617	53	19
C	10596	45	11	C	12135	49	4	C	12619	31	11
C	10657	19	6	C	12139	49	2	C	12620	31	6
C	10678	19	8	C	12140	31	1	C	12621	31	2
C	10836	53	13	C	12141	31	1	C	12623	31	7
C	10883	23	5	C	12142	35	21	C	12624	31	5
C	10898	57	14	C	12143	33	9	C	12625	31	10
C	10936	43	37	C	12144	33	8	C	12633	57	25
C	10952	29	10	C	12145	49	7	C	12656	31	15
C	10952	29B	9	C	12146	33	5	C	12674	57	8
C	10985	51	22	C	12147	33	4	C	12675	57	9
C	10987	37	32	C	12149	35	23	C	12676	57	32
C	10988	37	31	C	12156	33	13	C	12678	57	18
C	10989	37	30	C	12165	45	15	C	12682	41	12
C	11247	51	3	C	12168	49	8	C	12682	41	36
C	11332	33	43	C	12180	43	30	C	12683	53	11
C	11430	57	31	C	12181	43	31	C	12684	51	5
C	11529	19	2	C	12187	17	36	C	12750	57	1
C	11533	45	20	C	12192	51	24	C	12758	57	15
C	11534	45	14	C	12193	51	17	C	12777	57	37
C	11545	19	15	C	12194	51	18	C	12792	57	11
C	11582	45	26	C	12197	51	25	C	12813	23	14
C	11635	43	3	C	12198	51	26	C	12880	59	1
C	11636	43	1	C	12199	51	27	C	12883	59	2
C	11637	43	2	C	12203	19	16	C	12884	59	3
				C	12203	45	16	C	12885	59	4

NUMERICAL INDEX

PART NO.		PAGE NO.	REF. NO.	PART NO.		PAGE NO.	REF. NO.	PART NO.		PAGE NO.	REF. NO.
C	12886	59	5	C	13934	43	33	C	19492	23D	24
C	12903	59	8	C	13983	45	28	C	19493	23D	1
C	12975	29	12	C	13984	45	28	C	19494	23D	27
C	12975	29B	11	C	13985	51	4	C	19638	23D	28
C	13076	23B	13	C	14018	49	24	C	19706	23D	15
C	13077	23B	7	C	14019	49	25	C	19889	23D	5
C	13079	23B	15	C	14024	45	1	C	19890	23D	4
C	13079	23D	16	C	14039	23B	17	C	19891	23D	2
C	13080	23B	6	C	14051	33	17	C	19892	23D	3
C	13080	23D	13	C	14059	49	3	C	19893	23D	8
C	13081	23B	5	C	14060	53	12	C	19894	23D	7
C	13083	23B	12	C	14063	45		C	19895	23D	10
C	13085	23B	11	C	14076	45	27	C	19896	23D	9
C	13086	23B	1	C	14077	45	27	C	19897	23D	14
C	13087	23B	9	C	14088	53	18	C	19898	23D	12
C	13089	23B	2	C	14089	53	25	C	19899	23D	17
C	13106	29	8	C	14090	35B	12	C	22987	19	26
C	13106	29B	8	C	14091	35B	11	C	23145	15	8
C	13200	59	2	C	14092	35B	39	D	23693	23	6
C	13201	59	3	C	14093	35B	38	D	26819	59	6
C	13203	59	10	C	14094	23	1	D	26872	37	18
C	13204	59	12	C	14095	23B	14	D	26872	37	25
C	13207	59	11	C	14147	49	13	D	40816	59	8
C	13210	57	39	C	14153	57	19	F	19478	33	19
C	13244	23	1	C	14154	57	16	F	19892	21	9
C	13289	47	2	C	14311	45	28	F	19895	21	5
C	13317	57	28	C	14312	45	28	F	41695	23D	23
C	13329	57	29	C	14314	45	27	F	62147	27	22
C	13330	57	40	C	14315	45	27	G	13827	39	14
C	13331	57	43	C	14344	25	34	G	49048	27	11
C	13341	35B	32	C	14528	47	4*	KO	200372	21	15
C	13356	47	1	C	14528	57	34	KO	200375	21	11
C	13357	49	3	C	14599	53	29	KO	200380	21	27
C	13388	45	33	C	14652	31	9	KO	200383	21	2
C	13414	35B	15	C	16616	23D	21	KO	200408	21	10
C	13510	37	5	C	18039	5	5	KO	200439	21	12
C	13512	37	1	C	18096	9	25	KO	200443	21	7
C	13513	37	9	C	18096	11	25	KO	220174	13	49
C	13514	37	8	C	18097	9	24	KO	220174	15	49
C	13515	37	3	C	18097	11	24	KO	220174	53	6
C	13583	29	2	C	18097	13	34	KO	220297	53	2
C	13584	29	3	C	18097	13	46	KO	220476	53	11
C	13586	29B	2	C	18097	15	34	KO	230011	7	20
C	13587	29B	3	C	18097	15	46	KO	230011	7	43
C	13596	27	12	C	18098	17	47	KO	230170	15	9
C	13603	29	14	C	18099	17	63	KO	230170	7	16
C	13605	29B	18	C	18100	53	12	KO	230170	7	39
C	13614	27	13	C	18101	9	18	KO	230170	13	9
C	13618	51	28	C	18102	11	18	KO	230675	19	30
C	13663	35B	16	C	18103	13	12	KO	230722	51	13
C	13677	29	9	C	18103	15	12	KO	231032	7	5
C	13679	29B	14	C	18103	17	60	KO	231032	13	50
C	13716	29B	5	C	18104	9	23	KO	231032	15	50
C	13756	17	23	C	18104	11	23	KO	231052	17	49
C	13795	27	25	C	18296	17	24	KO	231281	51	14
C	13800	27	26	C	18721	35	15	KO	231355	17	64
C	13801	27	18	C	18721	35B	25	KO	231533	51	16
C	13804	57	33	C	18850	59	7	KO	232535	51	15
C	13811	31	8	C	19009	29	23	KO	232535	53	5
C	13812	51	21	C	19009	29B	24	KO	235003	9	11
C	13848	17	34	C	19491	23D	30	KO	235003	11	11
								KO	235004	9	7

NUMERICAL INDEX

63

PART NO.	PAGE NO.	REF. NO.	PART NO.	PAGE NO.	REF. NO.	PART NO.	PAGE NO.	REF. NO.
KO 235007-S	7	17	KO 235526	11	13	KOA 231533	53	1
KO 235007-S	7	40	KO 235572	9	8	KOA 235100	5	1
KO 235007-S	13	10	KO 235573	9	17	KOA 235139	9	10
KO 235007-S	15	10	KO 235631	7	10	KOA 235256-S	17	59
KO 235008	7	15	KO 235656	13	4	KOA 235327	7	22
KO 235008	7	38	KO 235747	13	6	KOA 235327	7	45
KO 235010	7	19	KO 235747	15	6	KOA 235569	9	15
KO 235010	7	42	KO 235748	13	42	KOA 235571	9	15
KO 235011	7	18	KO 235748	15	42	KOA 235611	9	6
KO 235011	7	41	KO 235757	13	29	KOA 235616	9	15
KO 235025	13	16	KO 235757	13	54	KOA 235743-S	17	61
KO 235025	13	52	KO 235757	15	29	KOA 235827	11	6
KO 235025	15	16	KO 235757	15	54	KOA 235845	19	25
KO 235025	15	52	KO 235803	11	8	KOA 235865	11	15
KO 235026	13	17	KO 235811	11	7	KOA 235866	11	15
KO 235026	15	17	KO 235815	13	31	KOA 235867	11	15
KO 235047	7	9	KO 235815	15	31	KOA 237344	11	10
KO 235048	7	6	KO 235818	13	35	KOA 237871	13	8
KO 235048	13	51	KO 235818	15	35	KOB 235711	9	22
KO 235048	15	51	KO 235820	15	4	KOB 235949	11	22
KO 235052	17	7	KO 235826	7	14	KOB 236293	15	7
KO 235053	7	27	KO 235826	7	37	KOB 236303	13	7
KO 235053	7	50	KO 235868	11	17	KOE 235646	7	25
KO 235054	17	14	KO 235889	11	2	KOE 235646	7	48
KO 235057	13	59	KO 235890	11	16	L 15282	27	1
KO 235057	15	59	KO 235891	11	16	M 20007	51	10
KO 235070	13	29	KO 235892	11	16	O 1117-CH	23D	34
KO 235070	13	54	KO 235951	17	11	O 1594-N	31	14
KO 235070	15	29	KO 235954	13	38	O 9638AB	37	11
KO 235070	15	54	KO 235954	15	38	R 15077	25	19
KO 235084	17	52	KO 235955	17	4	R 15087	25	3
KO 235085	17	51	KO 236387	19	32	R 15090	25	8
KO 235086	17	50	KO 237658	13	5	R 15106	25	1
KO 235097	19	23	KO 237658	13	55	R 16147	25	12
KO 235117	7	8	KO 237658	15	5	R 16148	25	16
KO 235118	7	7	KO 237658	15	55	R 16287	9	19
KO 235125-S	13	11	KO 237727	13	45	R 16287	11	19
KO 235125-S	15	11	KO 237727	15	45	R 16287	13	27
KO 235125-S	17	62	KO 237808	13	23	R 16287	13	47
KO 235175	13	2	KO 237808	15	23	R 16287	15	47
KO 235175	15	2	KO 238057	51	12	T 13224	37	28
KO 235196	53	21	KO 240013	7	21	T 25683	27	6
KO 235197	53	24	KO 240013	7	44	T 25683	29	4
KO 235207	17	6	KO 270889	13	3	T 25683	29B	31
KO 235277	17	56	KO 270889	15	3	T 25683	31	8
KO 235278	17	57	KO 271077	13	1	T 25683	57	5
KO 235287	9	2	KO 271077	15	1	T 36615	23B	4
KO 235288	9	16	KO 275066	7	26	T 36619	23B	23
KO 235289	9	16	KO 275066	7	49	W 5063-S	9	21
KO 235290	9	16	KO 275067	7	26	W 5063-S	11	21
KO 235353	13	20	KO 275067	7	49	W 5063-S	13	41
KO 235353	13	53	KO 275143	7	4	W 5063-S	15	41
KO 235353	15	20	KO 275220	7	3	W 5063-S	35	31
KO 235353	15	53	KO 275303	53	13	W 5063-S	35B	6
KO 235368	17	5	KO 275341	5	10	HARDWARE CODE NUMBERS		
KO 235447	21	14	KO 275341	13	58	11- 412	53	6
KO 235448	21	13	KO 275341	15	58	11- 512	53	5
KO 235476	17	58	KO 275341	19	14	13- 510	33	42
KO 235494	17	41	KO 275690	17	48	13- 512	33	27
KO 235496	17	45	KOA 536	5	3			
KO 235526	9	13	KOA 220474	53	10			

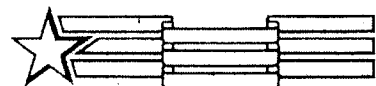
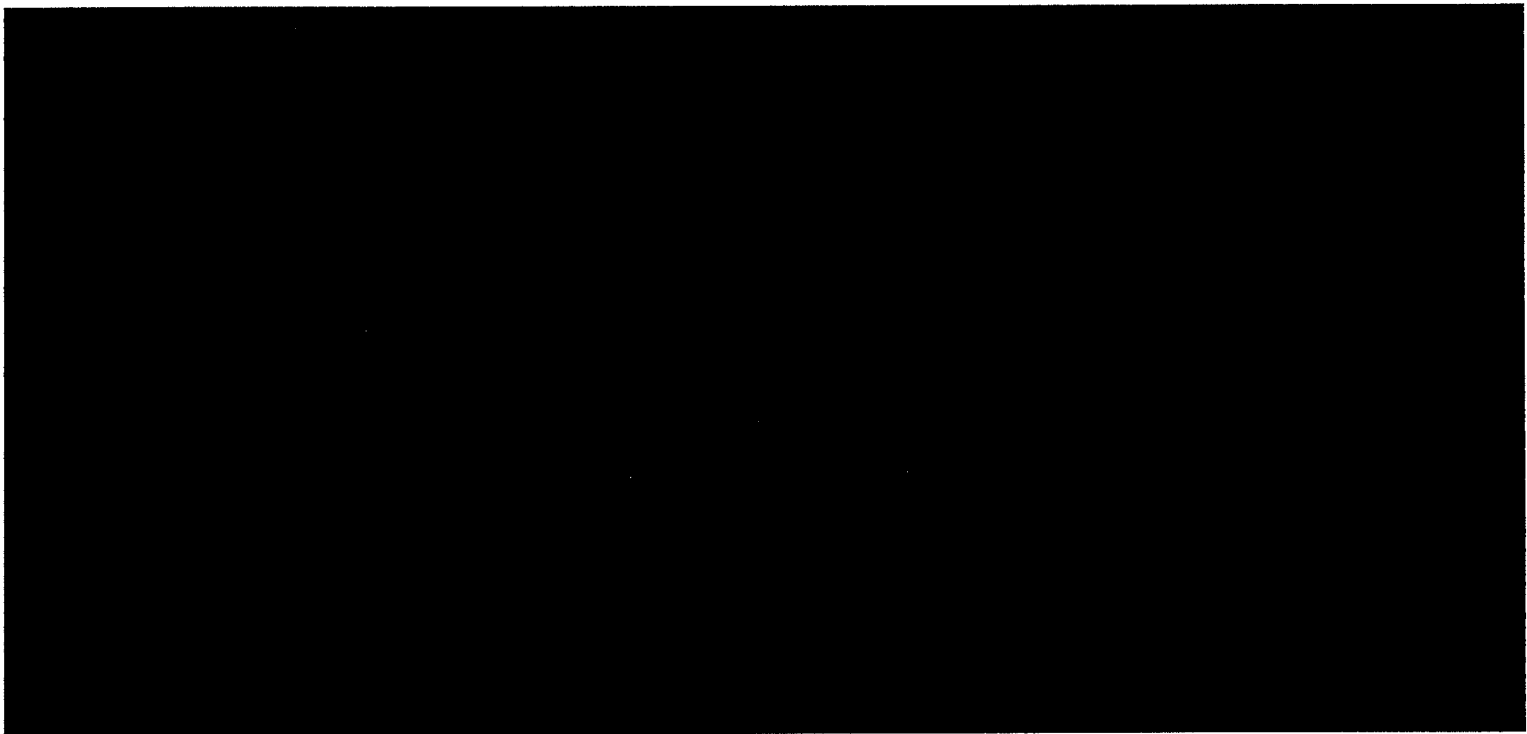
NUMERICAL INDEX

PART NO.	PAGE NO.	REF. NO.	PART NO.	PAGE NO.	REF. NO.	PART NO.	PAGE NO.	REF. NO.			
13-	652	39	2	113-	206	13	14	131-	350	23D	26
13-	656	23D	18	113-	206	15	14	131-	351	27	10
13-	664	23D	19	113-	206	49	12	131-	351	43	4
13-	820	33	23	113-	207	13	33	131-	366	31	13
15-	420	17	42	113-	207	15	33	131-	413	45	5
15-	514	45	23	113-	208	13	40	132-	5	57	27
15-	540	27	14	113-	208	15	40	132-	24	23	4
15-	816	47	2	113-	219	47	9	132-	24	23D	33
15-	836	47	4	113-	219	57	45	132-	26	49	11
25-	104	7	1	113-	221	53	22	132-	47	29	18
25-	104	17	44	114-	201	31	12	132-	47	29B	17
25-	104	35	40	114-	213	31	-	132-	69	33	35
25-	105	35B	36	115-	103	23	7	132-	310	57	7
25-	105	45	24	115-	103	43	18	132-	311	29	11
25-	108	29	22	115-	105	57	20	132-	311	29B	10
25-	108	29B	22	115-	203	23	10	132-	320	49	1
25-	108	47	5	115-	203	47	12	135-	137	47	17
25-	118	29	21	115-	204	13	25	135-	137	57	17
2--	118	29B	21	115-	204	15	25	138-	102	33	11
25-	1510	27	3	115-	204	35	32	138-	134	41	6
26-	410	23D	25	115-	204	35B	2	138-	134	41	30
41-	18	13	13	115-	204	57	35	138-	2002	33	32
41-	18	15	13	115-	204	57	42	138-	2005	49	14
61-	510	5	4	115-	208	17	20	138-	2026	47	8
71-	410	19	18	126-	12	35	29	138-	2049	33	34
73-	410	35	39	126-	12	35B	37	141-	2	23D	31
73-	528	35B	34	126-	12	39	9	141-	2	57	21
74-	610	25	25	126-	22	23	4	141-	3	49	9
83-	55	39	19	126-	111	25	24	141-	4	49	6
83-	56	23	12	126-	119	57	46	141-	56	29	17
92-	4	7	2	129-	7	17	40	141-	56	29B	16
92-	4	35	41	129-	37	17	53	141-	56	57	6
92-	5	5	3	129-	101	43	11	151-	106	31	4
92-	5	33	26	129-	101	45	19	164-	571	33	44
92-	5	35B	35	129-	101	45	35	166-	6	37	1
92-	5	45	25	129-	101	53	7	166-	8	37	2
92-	8	29	20	129-	101	57	23	166-	23	41	4
92-	8	29B	20	129-	102	23	9	166-	23	41	28
92-	8	33	24	129-	102	43	16	166-	531	41	20
92-	8	47	3	129-	102	49	10	166-	532	41	44
92-	8	55	4	129-	102	53	4	166-	561	35	26
95-	5	33	41	129-	103	47	15	166-	561	35B	4
111-	1	17	38	129-	103	57	3	169-	77	21	28
111-	112	57	26	129-	103	57	36	169-	131	53	26
111-	128	45	21	129-	105	55	2	169-	146	59	14
111-	128	53	15	129-	105	55	4	171-	209	35	36
111-	129	45	34	129-	122	53	27	171-	209	35B	21
111-	207	43	2A	129-	167	27	20	173-	207	45	18
111-	319	57	2	129-	294	19	5	173-	210	53	3
111-	531	55	3	129-	325	29B	23	173-	215	19	4
111-	532	55	2	129-	409	5	2	173-	224	53	8
113-	1	53	20	129-	531	59	13	173-	224	53	9
113-	2	17	12	129-	582	27	23	173-	237	25	27
113-	4	57	22	129-	601	47	10	175-	400	43	9
113-	6	13	19	129-	601	47	14	175-	416	43	19
113-	6	15	19	129-	601	57	12	175-	436	17	10
113-	6	17	3	131-	176	43	20	177-	94	5	7
113-	103	19	13	131-	301	9	26	182-	509	45	6
113-	103	53	1	131-	301	11	26	187-	131	53	14
113-	205	29	25	131-	301	13	37	187-	408	53	7
113-	205	29B	26	131-	301	15	37	187-	1008	45	37

NUMERICAL INDEX

85

PART NO.	PAGE NO.	REF. NO.	PART NO.	PAGE NO.	REF. NO.	PART NO.	PAGE NO.	REF. NO.
187- 1009	45	29	193- 82	53	17	219- 38	29B	15
187- 1036	45	31	193- 91	53	10	219- 57	27	19
187- 1036	57	44	193- 524	59	6	219- 403	31	4
187- 1043	45	30	195- 17	23D	32	221- 2	13	26
192- 8	25	14	195- 104	17	18	221- 2	15	26
192- 17	25	15	195- 104	49	18	221- 4	33	10
192- 18	5	8	195- 510	59	5	221- 12	37	11
192- 18	17	39	195- 512	5	9	221- 412	57	10
192- 18	17	54	195- 515	17	8	221- 841	37	29
192- 18	25	28	195- 515	17	43	222- 41	19	20
192- 18	53	4	195- 517	23	10	222- 101	19	21
192- 19	13	18	195- 520	53	3	222- 112	19	22
192- 19	15	18	195- 521	49	17	222- 4021	19	24
192- 19	17	2	195- 521	59	4			
192- 19	17	9	195- 522	23	11			
192- 19	17	13	195- 530	57	13			
192- 19	17	46	195- 533	49	22			
192- 19	43	10	195- 545	13	36			
192- 19	53	16	195- 545	15	36			
192- 19	57	24	195- 545	47	11			
192- 20	19	12	195- 2028	39	3			
192- 20	23	8	195- 2036	23D	20			
192- 20	43	17	195- 2082	27	15			
192- 20	49	9	205- 27	13	30			
192- 20	53	2	205- 27	15	30			
192- 21	13	15	211- 3	21	4			
192- 21	13	24	211- 9	23B	16			
192- 21	13	32	211- 9	59	9			
192- 21	13	39	211- 10	37	4			
192- 21	15	15	211- 12	23D	11			
192- 21	15	24	213- 3	49	8			
192- 21	15	32	213- 4	49	5			
192- 21	15	39	214- 253	19	9			
192- 21	17	19	214- 253	35	14			
192- 21	23	9	214- 253	35	16			
192- 21	29	24	214- 253	35B	24			
192- 21	29B	25	214- 253	57	41			
192- 21	35	33	218- 445	35	18			
192- 21	35B	3	218- 455	35B	23			
192- 21	47	13	218- 494	35	12			
192- 21	49	21	218- 755	57	38			
192- 21	53	23	218- 1056	35	22			
192- 21	57	4	218- 1057	57	30			
192- 23	55	3	218- 5006	35	9			
192- 26	25	35	218- 5006	35	25			
192- 111	9	12	218- 5006	35B	8			
192- 111	11	12	218- 5007	35	6			
193- 5	53	9	218- 5007	35B	29			
193- 8	45	17	218- 5008	35	11			
193- 9	45	7	218- 5008	35B	10			
193- 31	35	27	218- 5059	35	24			
193- 31	35B	5	218- 5059	35B	7			
193- 34	27	21	218- 5060	35	5			
193- 36	27	24	218- 5060	35B	28			
193- 52	35	37	218- 5062	35B	33			
193- 52	35B	22	218- 5106	35	3			
193- 57	45	32	218- 5108	35	10			
193- 57	53	28	218- 5108	35B	9			
193- 60	19	19	219- 8	29	6			
193- 82	41	5	219- 8	29B	6			
193- 82	41	29	219- 38	29	16			



QUALITY IN THE AMERICAN TRADITION

Ingersoll Tractor Co.

Portland, Maine 04103