



H Tractor

Models 220, 222,
442 & 444
Compact Tractors
Parts Catalog

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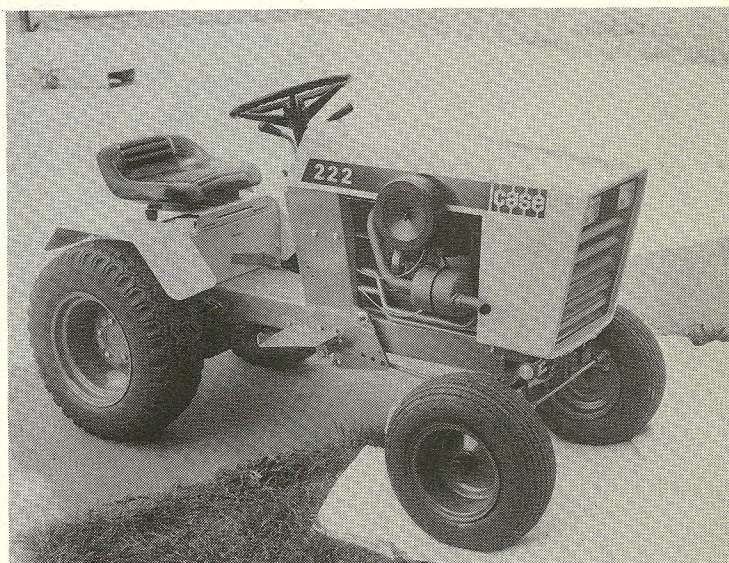
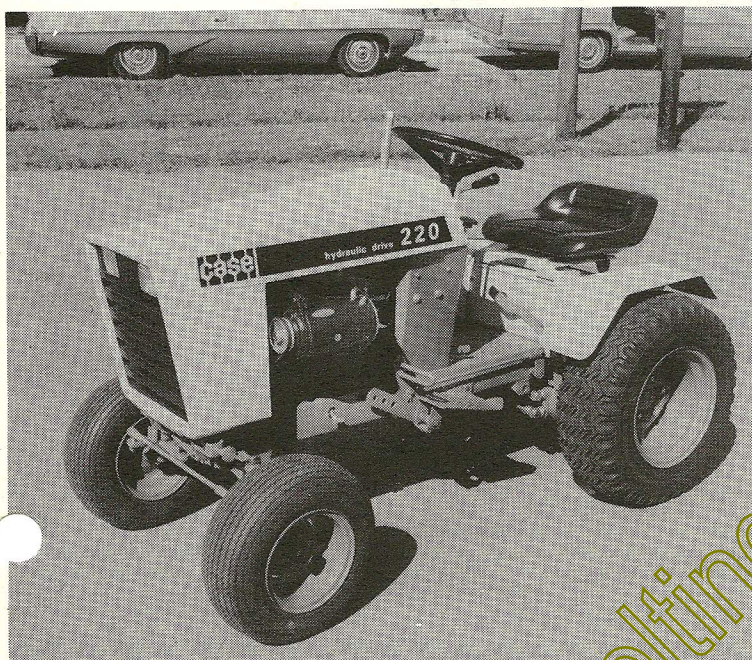
MODELS 220, 222, 442 AND 444 COMPACT TRACTORS

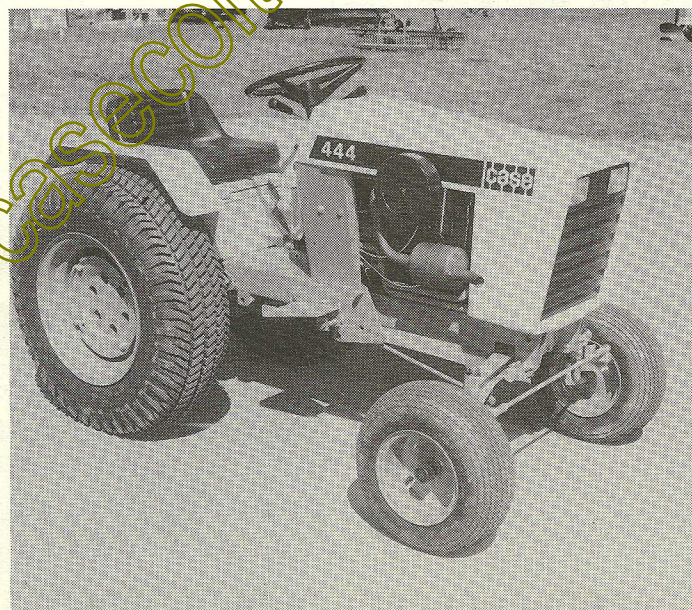
Serial No. 9646801 and After

Parts Catalog No. 1181

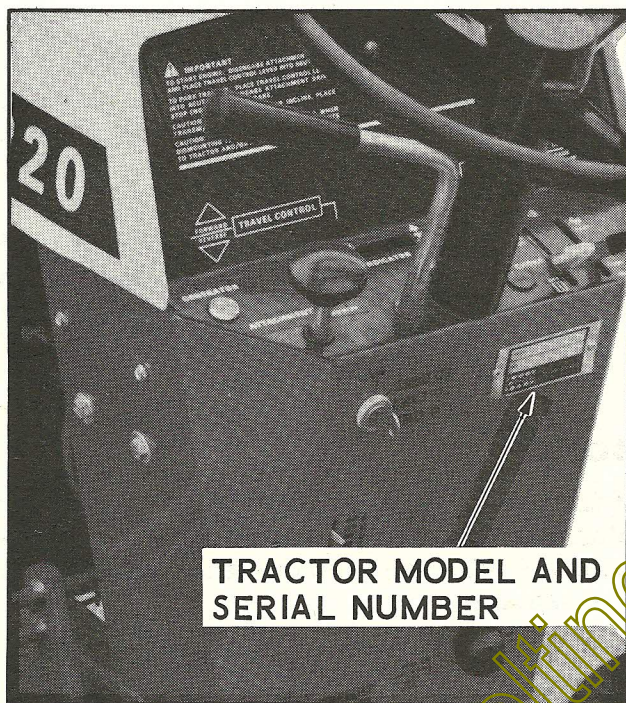
Ken Cook 2500 2-71

PRICE \$1.00

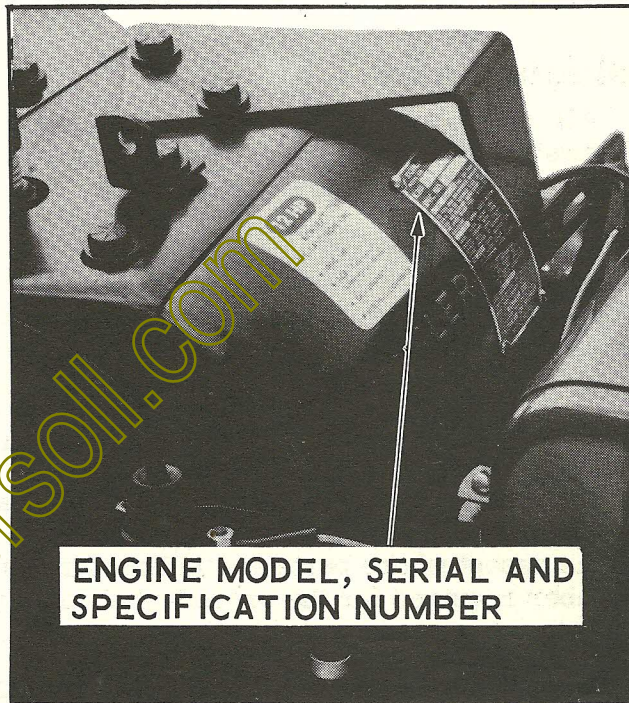




CASE 220, 222, 442 AND 444 COMPACT TRACTORS



**TRACTOR MODEL AND
SERIAL NUMBER**



**ENGINE MODEL, SERIAL AND
SPECIFICATION NUMBER**

TRACTOR MODEL DESIGNATIONS	ENGINE MODEL DESIGNATIONS
220 TRACTOR	K-241-A C15964 Engine
222 - 442 TRACTOR	K-301-A C15965 Engine
444 TRACTOR	K-321-A C16695 Engine

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.

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"

"Right Hand" and "Left Hand" sides of this machine are determined by standing at the rear of the unit and facing in the direction of forward travel.

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220 & 222

442 444

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220 & 222

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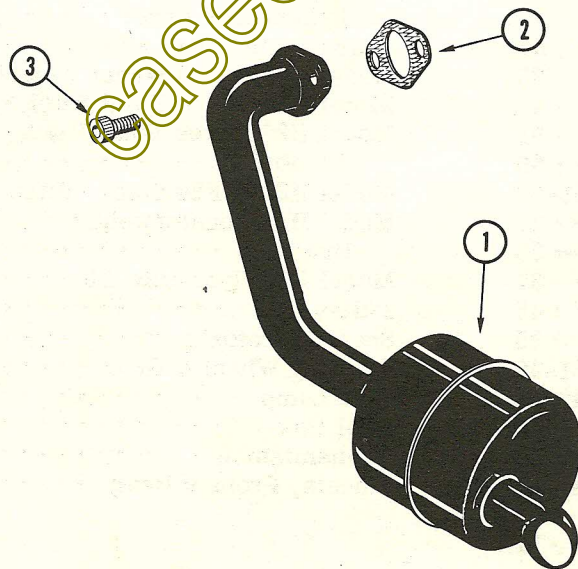
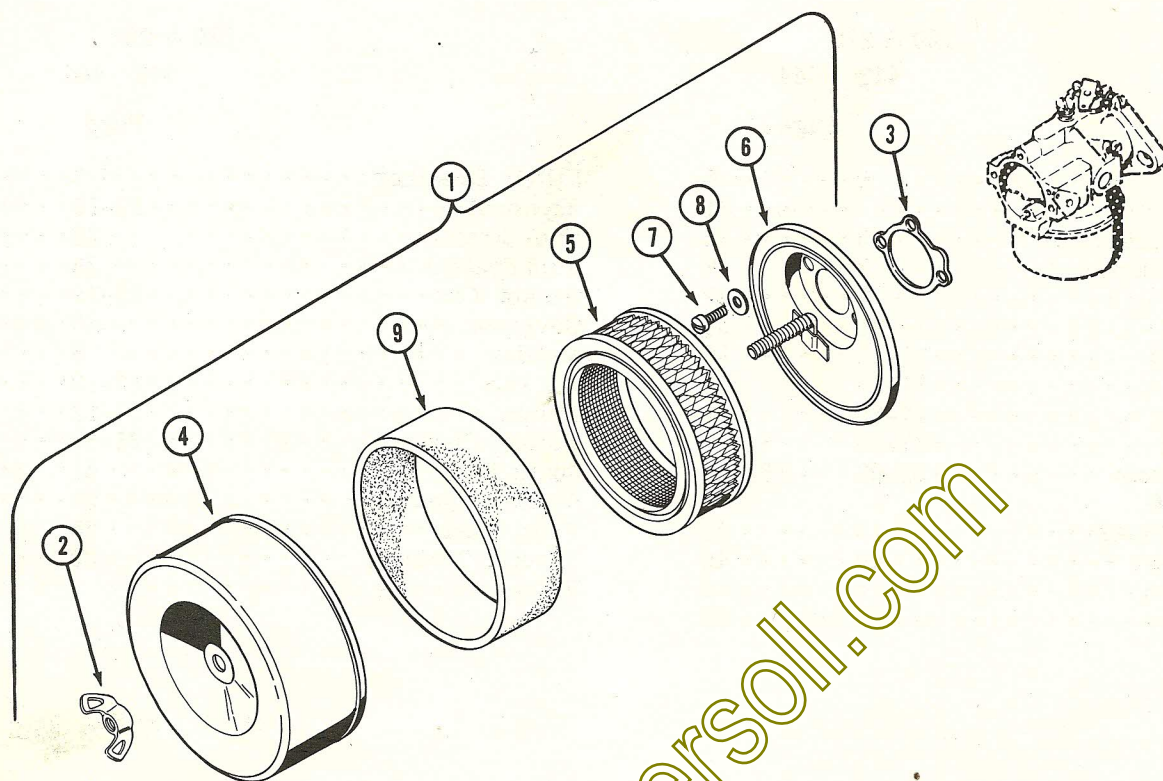
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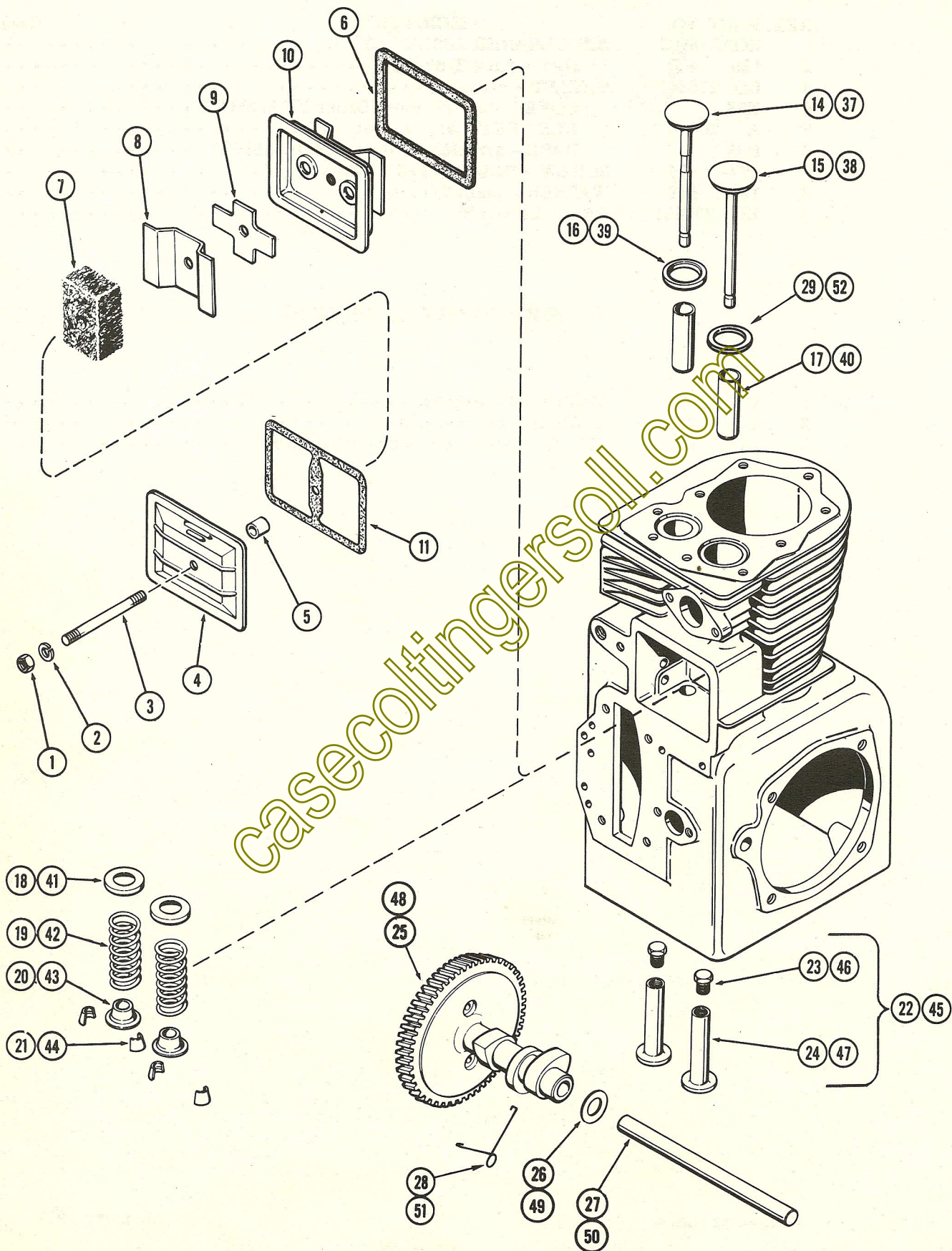


AIR CLEANER

REF.	PART NO.	DESCRIPTION	REQ'D
1	KOA235100	AIR CLEANER ASSEMBLY	1
2	129- 409	NUT - wing 3/8" NC	1
3	KO 275341	GASKET - air horn	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 - fillister head 10-32 x 5/16"	3
8	195- 512	WASHER - plain 3/16"	3
9	KO 237421	PRE-CLEANER	1

EXHAUST SYSTEM

1	C 12071	MUFFLER - exhaust	1
2	C 10372	GASKET - exhaust pad	1
3	61- 510	SCREW - 5/16-18 x 5/8" Socket Head	2



CRANKCASE BREATHER

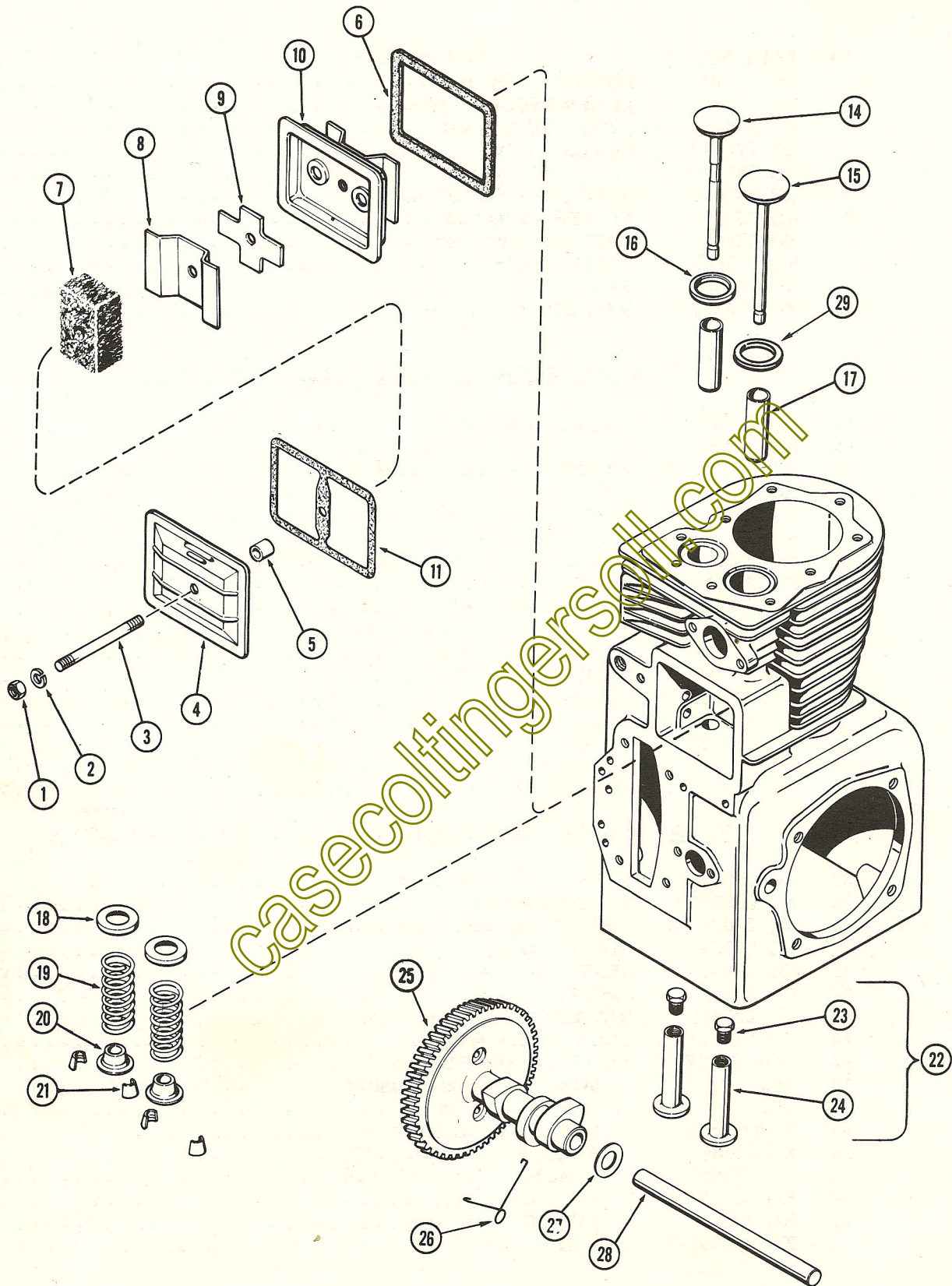
REF.	PART NO.	DESCRIPTION	REQ'D
1	25- 104	NUT - 1/4" NC Hex	1
2	92- 4	LOCKWASHER - 1/4"	1
3	KO 275220	STUD - valve cover	1
4	KO 275143	COVER - valve	1
5	KO 231032	SEAL - breather	1
6	KO 235048	GASKET - breather plate	1
7	KO 235118	FILTER - breather	1
8	KO 235117	BAFFLE - breather	1
9	KO 235047	REED- breather	1
10	KO 235631	PLATE - breather	1
11	KO 275144	GASKET - valve cover	1

220 CAMSHAFT AND VALVES

14	KO 235826	VALVE - exhaust	1
15	KO 235008	VALVE - intake	1
16	KO 230170-S	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 ASSEMBLY	2
23	NSS	SCREW - tappet adjusting	1
24	NSS	LIFTER - valve	1
25	KOA235646	CAMSHAFT ASSEMBLY	1
26	KO 275066	SPACER - camshaft, .005"	UAR
26	KO 275067	SPACER - camshaft, .010"	UAR
27	KO 235053	PIN - camshaft	1
28	KO 232770	SPRING - actuating	1
29	KO 230265-S	INSERT - intake valve seat	1

222 AND 442 CAMSHAFT AND VALVES

37	KO 235826	VALVE - exhaust	1
38	KO 235008	VALVE - intake	1
39	KO 230170-S	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 ASSEMBLY	2
46	NSS	SCREW - tappet adjusting	1
47	NSS	LIFTER - valve	1
48	KOA235646	CAMSHAFT ASSEMBLY	1
49	KO 275066	SPACER - camshaft, .005"	UAR
49	KO 275067	SPACER - camshaft, .010"	UAR
50	KO 235053	PIN - camshaft	1
51	KO 232770	SPRING - actuating	1
52	KO 230265-S	INSERT - intake valve seat	1

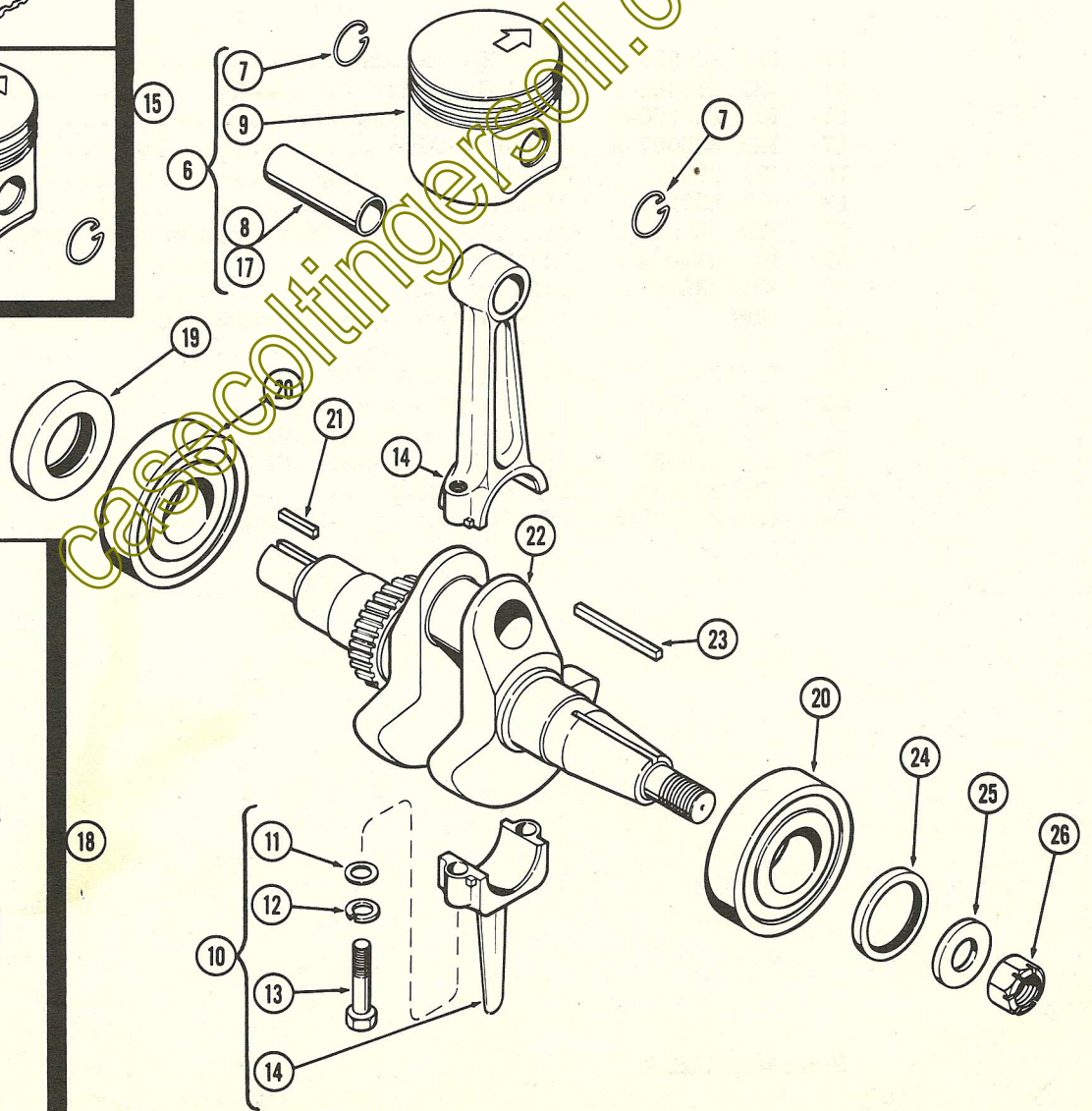
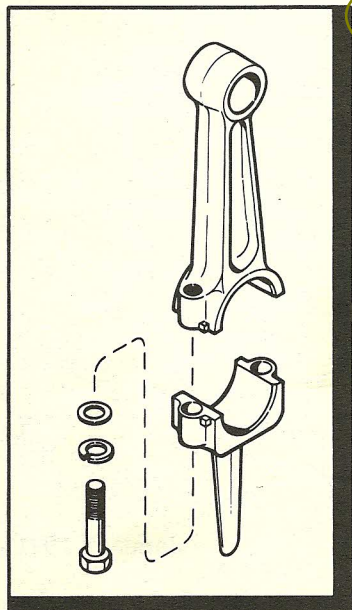
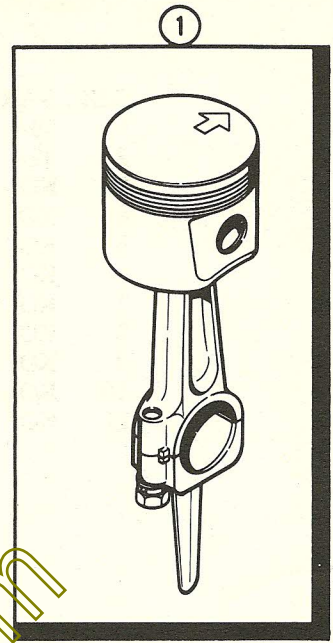
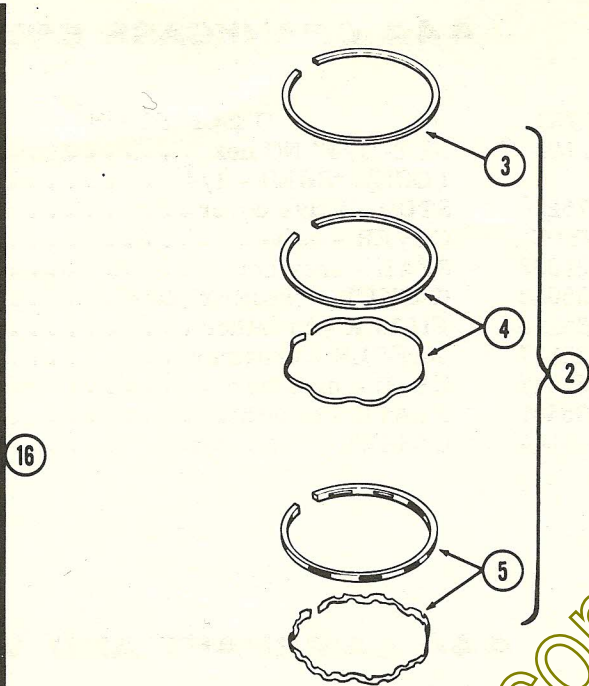
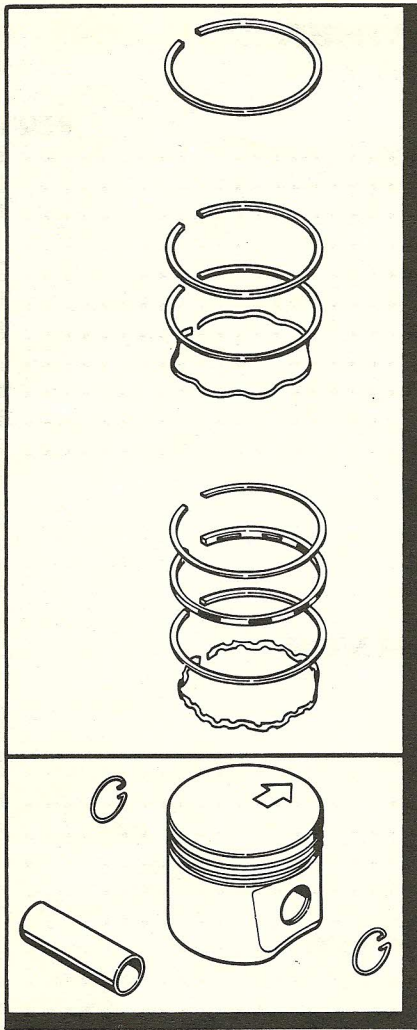


444 CRANKCASE BREATHER

REF.	PART NO.	DESCRIPTION	REQ'D
1	25- 104	NUT- 1/4" NC 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 - breather plate	1
7	KO 235118	FILTER - breather	1
8	KO 235117	BAFFLE - breather	1
9	KO 235047	REED - breather	1
10	KO 235631	PLATE - breather	1
11	KO 275144	GASKET - valve cover	1

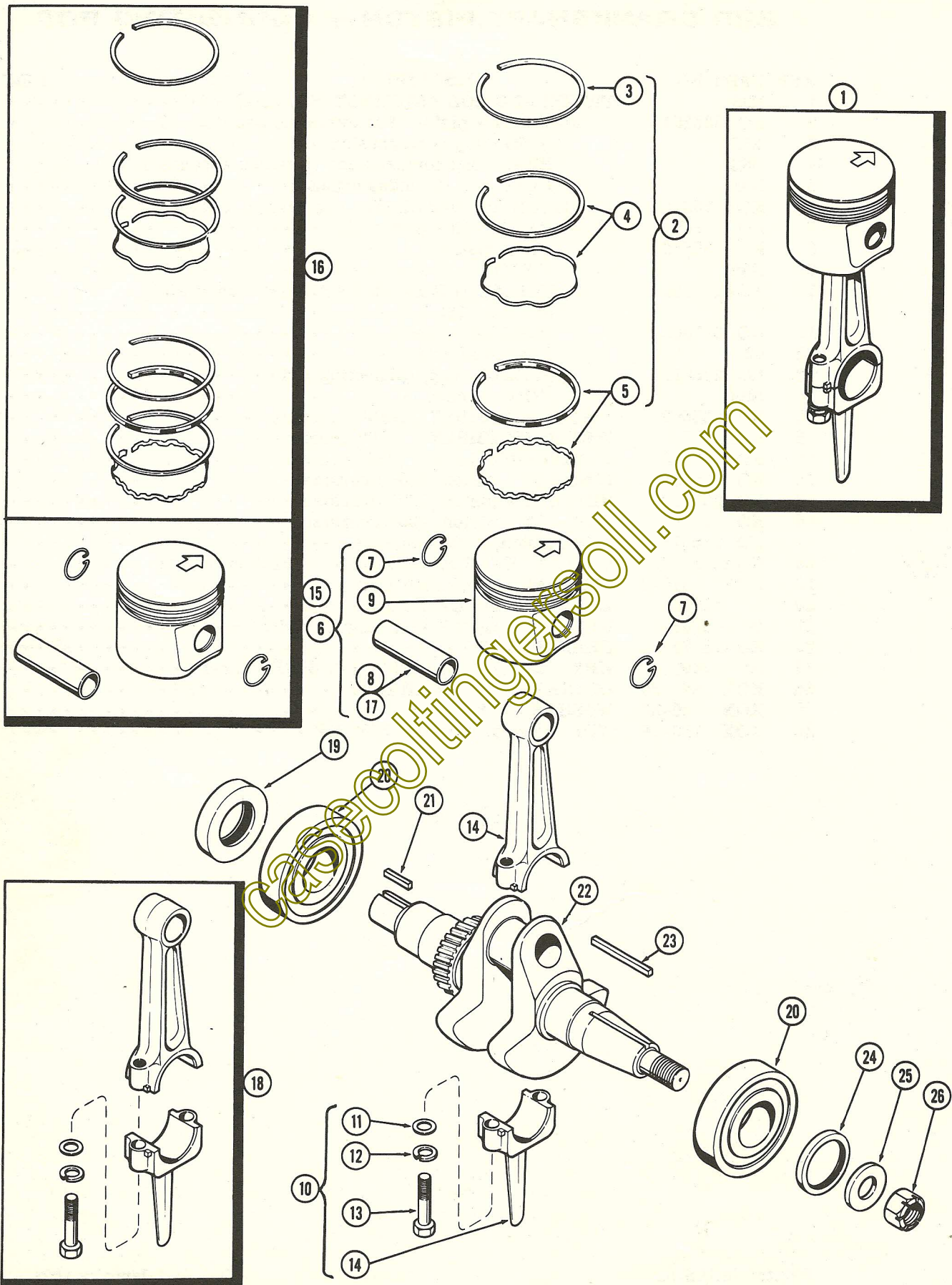
444 CAMSHAFT AND VALVES

14	KO 235838	VALVE - exhaust	1
15	KO 235582	VALVE - intake	1
16	KO 230170-S	INSERT - exhaust valve seat	1
17	KO 235007-S	GUIDE - valve	2
18	KO 235011	SEAT - valve spring	2
19	KO 235168	SPRING - valve	2
20	KO 230020	ROTATOR - valve (Furnished in pairs only)	2
21	KO 240013	LOCK - valve retainer	2
22	KOA235327	LIFTER ASSEMBLY	2
23	NSS	SCREW - tappet adjusting	1
24	NSS	LIFTER - valve	1
25	KOA235646	CAMSHAFT ASSEMBLY	1
26	KO 232770	SPRING - actuating	1
27	KO 275066	SPACER - camshaft, .005"	UAR
27	KO 275067	SPACER - camshaft, .010"	UAR
28	KO 235053	PIN - camshaft	1
29	KO 230265-S	INSERT - intake valve seat	1



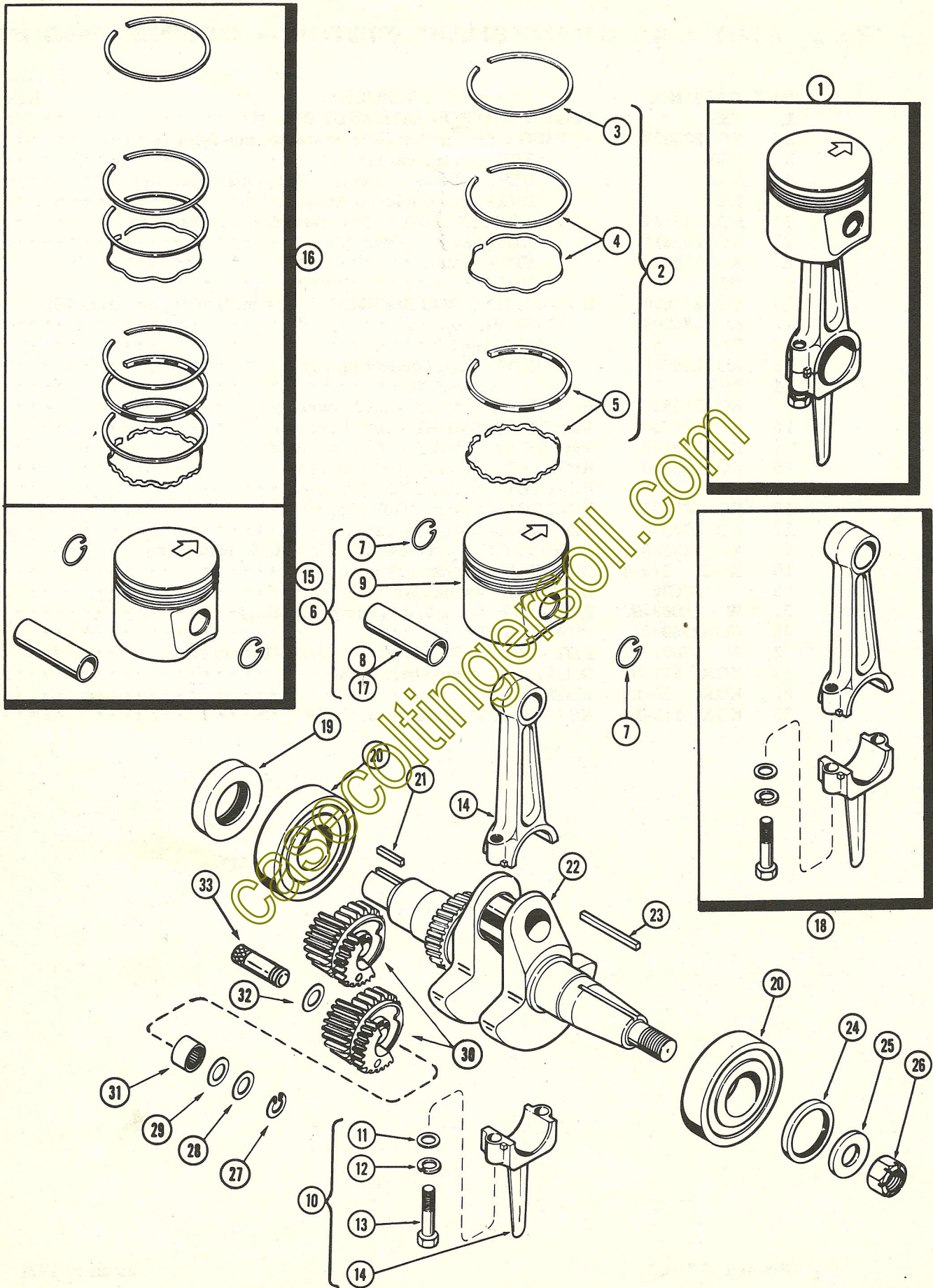
220 CRANKSHAFT, PISTON — CONNECTING ROD

REF. PART NO.	DESCRIPTION	REQ'D
1 NSS	PISTON AND ROD ASSEMBLY (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 (Includes expander)	1
5 NSS	RING - oil (Includes expander)	1
6 KOA235611	PISTON ASSEMBLY (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 ASSEMBLY (For undersize, see item 18)	1
11 KO 235003	WASHER - special	2
12 92- 6	LOCKWASHER	2
13 KO 236611	SCREW - cap, connecting rod	2
14 NSS	ROD - connecting	1
15 KOA235569	PISTON ASSEMBLY - .010" oversize	1
15 KOA235571	PISTON ASSEMBLY - .020" oversize	1
15 KOA235616	PISTON ASSEMBLY - .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 KOA235139-10	CONNECTING ROD ASSEMBLY - .010" undersize	1
19 KOX 379-6	OIL SEAL - crankshaft rear	1
20 40035	BEARING - crankshaft ball	2
21 W 5063-S	KEY - 1/4" Sq. x 3/4" (Pump Coupling)	1
22 KOA235711	CRANKSHAFT	1
23 A 27001	KEY - flat 5/16" x 3/16" x 1-3/8" (Flywheel)	1
24 KOX 271-30	OIL SEAL - crankshaft front	1
25 KOX 25-88	WASHER - 5/8"	1
26 KOX 119-14	NUT - special Marsden 5/8" NF	1



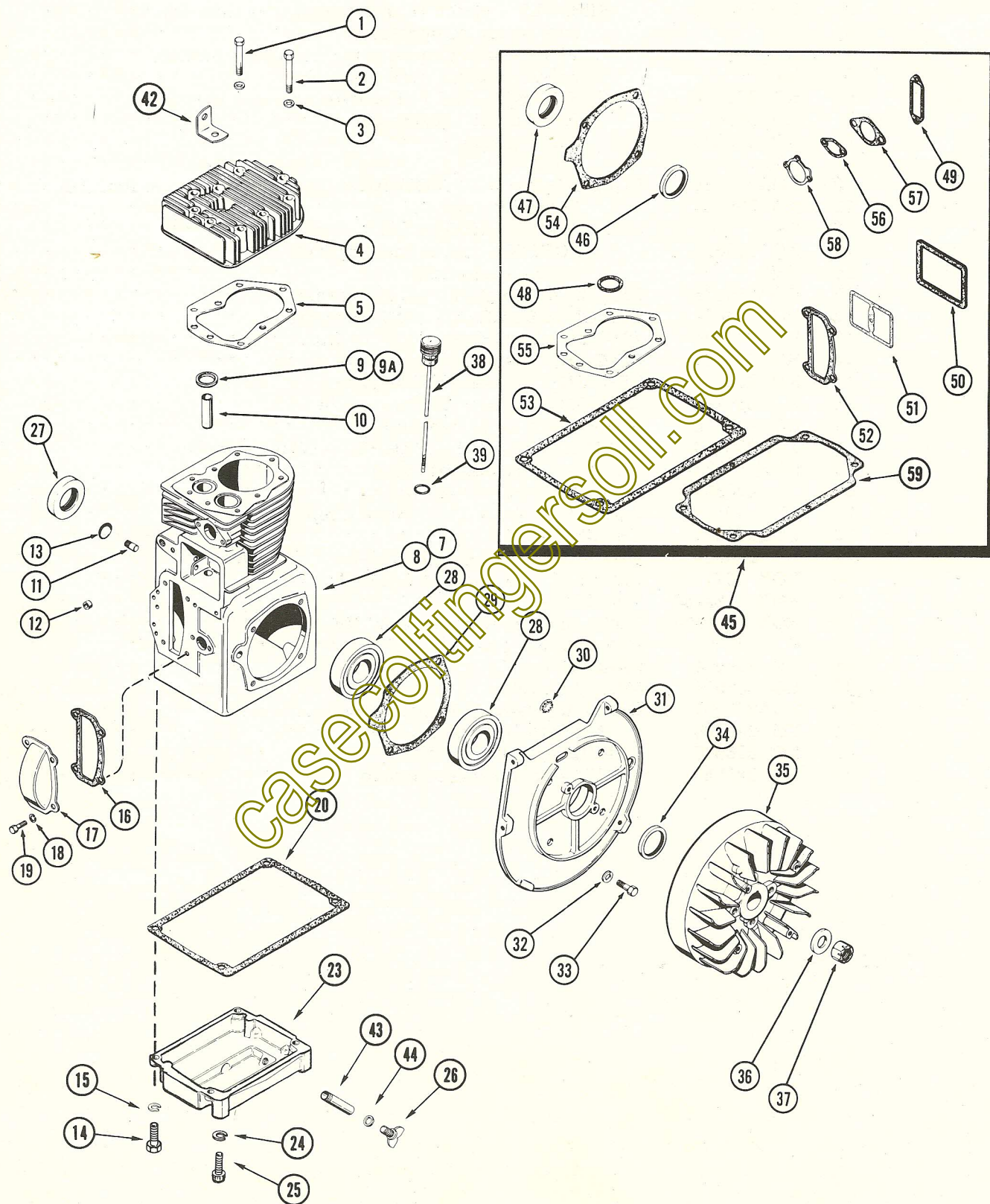
222 AND 442 CRANKSHAFT, PISTON — CONNECTING ROD

REF.	PART NO.	DESCRIPTION	REQ'D
1	NSS	PISTON AND ROD ASSEMBLY (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 (Includes expander)	1
5	NSS	RING - oil (Includes expander)	1
6	KOA235827	PISTON ASSEMBLY (For oversize, see item 15)	1
7	KO 235811	RETAINER - piston pin	2
8	KO 235803	PIN - piston	1
9	NSS	PISTON	1
10	KOA235828	CONNECTING ROD ASSEMBLY (For undersize, see item 18)	1
11	KO 235003	WASHER - special	2
12	92- 6	LOCKWASHER	2
13	KO 236611	SCREW - cap, connecting rod	2
14	NSS	ROD - connecting	1
15	KOA235865	PISTON ASSEMBLY - .010" oversize	1
15	KOA235866	PISTON ASSEMBLY - .020" oversize	1
15	KOA235867	PISTON ASSEMBLY - .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	KOA235828-10	CONNECTING ROD ASSEMBLY - .010" undersize	1
19	KOX 379-6	OIL SEAL - crankshaft rear	1
20	40035	BEARING - crankshaft ball	2
21	W 5063-S	KEY - 1/4" Sq. x 3/4" (Pump Coupling)	1
22	KOB235949	CRANKSHAFT	1
23	A 27001	KEY - flat 3/16" x 3/16" x 1-3/8" (Flywheel)	1
24	KOX 271-30	OIL SEAL - crankshaft front	1
25	KOX 25-88	WASHER - 5/8"	1
26	KOX 119-14	NUT - special Marsden 5/8" NF	1



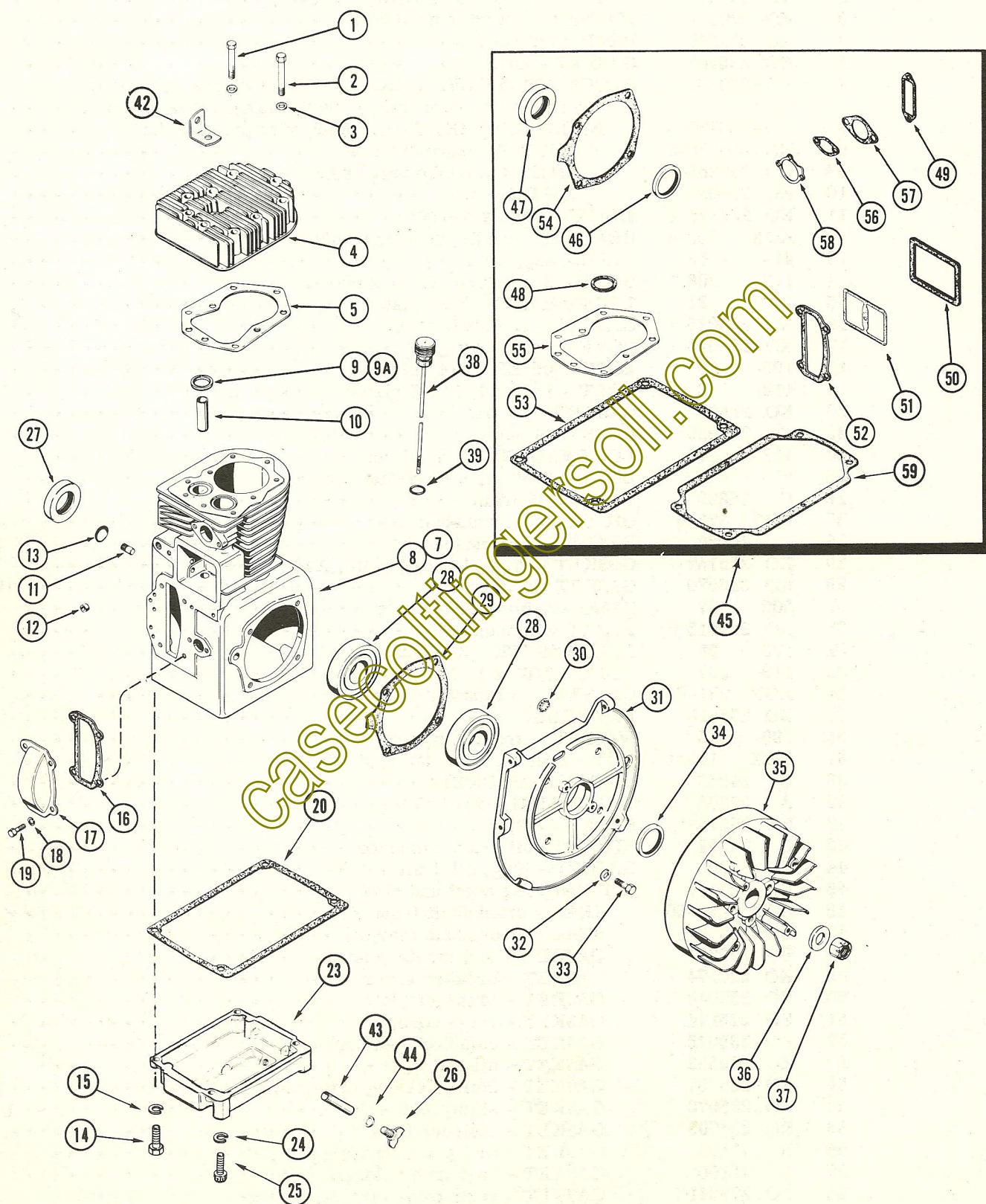
444 CRANKSHAFT, PISTON — CONNECTING ROD

REF.	PART NO.	DESCRIPTION	REQ'D
1	NSS	PISTON AND ROD ASSEMBLY (Std. size)	1
2	KO 236763	RING SET - piston (For oversize, see item 16)	1
3	NSS	RING - top compression	1
4	NSS	RING - 2nd compression (Includes expander)	1
5	NSS	RING - oil (Includes expander)	1
6	KOA236631	PISTON ASSEMBLY (For oversize, see item 15)	1
7	KO 235811	RETAINER - piston pin	2
8	KO 235803	PIN - piston	1
9	NSS	PISTON	1
10	KOA235828	CONNECTING ROD ASSEMBLY (For undersize, see item 18) ...	1
11	KO 235003	WASHER - special	2
12	92- 6	LOCKWASHER - 3/8"	2
13	KO 236611	SCREW - cap, connecting rod	2
14	NSS	ROD - connecting	1
15	KOA236633	PISTON ASSEMBLY - .010" oversize	1
15	KOA236634	PISTON ASSEMBLY - .020" oversize	1
15	KOA236635	PISTON ASSEMBLY - .030" oversize	1
16	KO 236764	RING SET - piston .010" oversize	1
16	KO 236765	RING SET - piston .020" oversize	1
16	KO 236766	RING SET - piston .030" oversize	1
17	KO 235868	PIN - piston .005" oversize	1
18	KOA235828-10	CONNECTING ROD ASSEMBLY - .010 undersize	1
19	KOX 379-6	OIL SEAL - crankshaft rear	1
20	40035	BEARING - crankshaft ball	2
21	W 5063-S	KEY - 1/4" Sq. x 3/4" (Pump Coupling)	1
22	KOB237034	CRANKSHAFT	1
23	A 27001	KEY - flat 3/16" x 3/16" x 1-3/8" (Flywheel)	1
24	KOX 271-30	OIL SEAL - crankshaft front	1
25	KOX 25-88	WASHER - 5/8"	1
26	KOX 119-14	NUT - special Marsden 5/8" NF	1
27	C 15060	RETAINER - external 1/2" ID	2
28	KO 236504	SPACER - .020"	2
29	KO 236509	SPACER - .005"	UAR
30	KOA236507	GEAR ASSEMBLY - counter balance	2
31	KO 236506	BEARING - gear assembly	2
32	KO 236510	SPACER - .010"	2
33	KO 236559	SHAFT - counterbalance stub	2



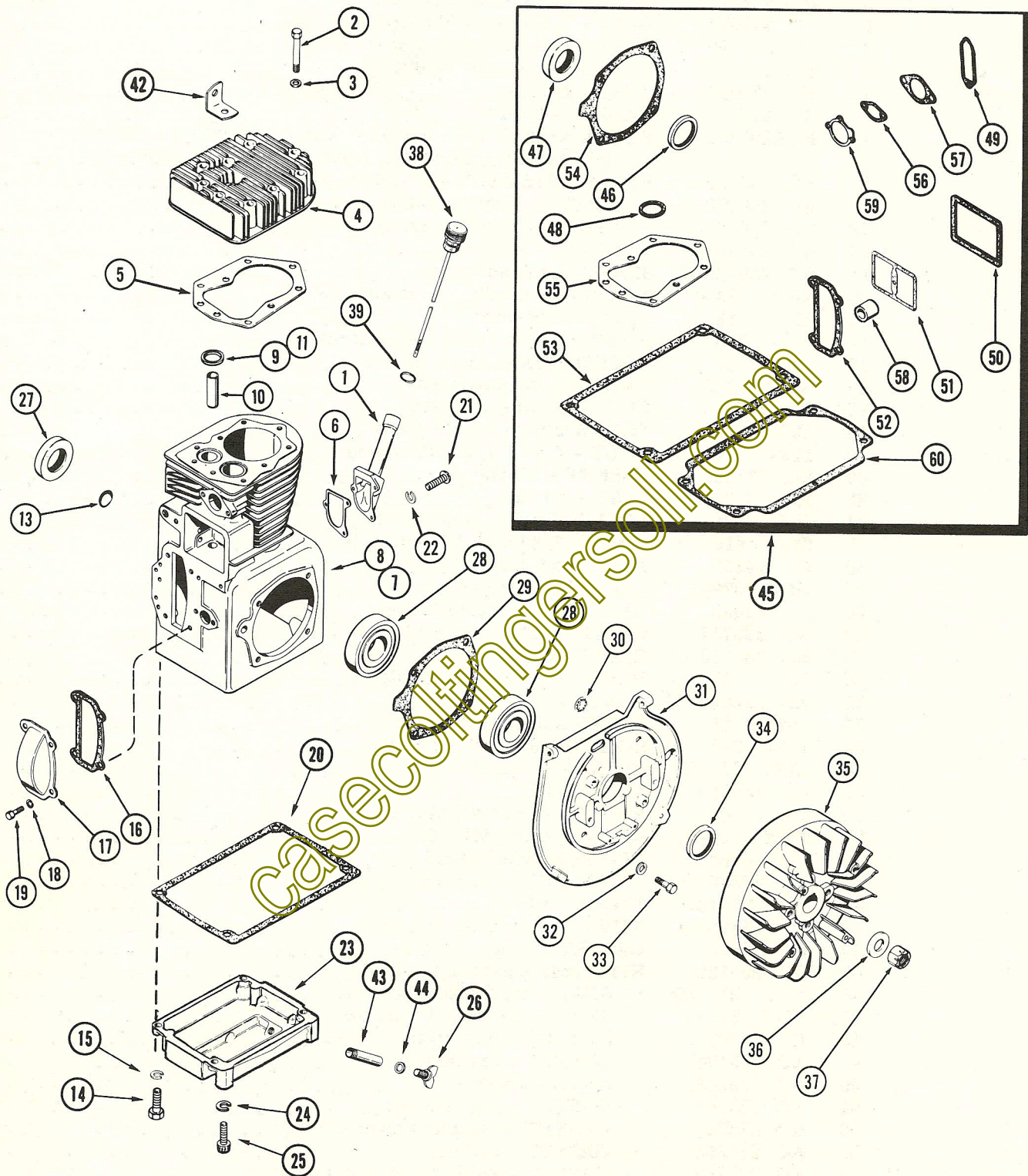
220 ENGINE BLOCK AND ATTACHING PARTS

REF.	PART NO.	DESCRIPTION	REQ'D
1	KO 271077	BOLT - cylinder head (Length 2-1/4")	6
2	KO 235175	BOLT - cylinder head (Length 2-1/2")	3
3	KO 270889	WASHER - cylinder head bolt	9
4	KO 235656	HEAD - cylinder	1
5	KO 236705	GASKET - head	1
7	KOA236303	BLOCK ASSEMBLY - cylinder, short (Includes crankshaft, rod assembly, camshaft, valves, bearings and plate)	1
8	KOA235737	BLOCK ASSEMBLY - cylinder, stripped (Std. bore)	1
9	KO 230170-S	INSERT - exhaust valve	1
9A	KO 230265-S	INSERT - intake valve seat	1
10	KO 235007-S	GUIDE - valve	2
11	KO 235125-S	SHAFT - stub, governor	1
12	KOX 293-4	BEARING - needle, governor shaft	1
13	41- 18	PLUG - expansion	1
14	113- 206	BOLT - 3/8" x 7/8" NC 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" NC plated	4
20	KO 235353	GASKET - oil pan	1
23	KO 235950	BASE - oil pan	1
24	192- 21	LOCKWASHER - 3/8" plated	4
25	61- 616	BOLT - 3/8" x 1" NC socket head	4
26	C 14399	PLUG - oil drain	1
27	KOX 379-6	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" NC plated	4
34	KOX 271-30	OIL SEAL - crankshaft front	1
35	KO 235818	FLYWHEEL	1
36	195- 545	WASHER - special, plated	1
37	KOX 119-14	NUT - special, Marsden 5/8" NF	1
38	C 14963	DIPSTICK ASSEMBLY	1
39	A 27365	"O" RING - dipstick	1
42	KO 235748	STRAP - lifting	1
43	C 14398	NIPPLE - oil drain extension	1
44	C 14906	GASKET - plug, oil drain	1
45	KO 235165	KIT - engine gasket and seal	1
46	KOX 271-30	SEAL - crankshaft front oil	1
47	KOX 379-6	SEAL - crankshaft rear oil	1
48	B 59393	GASKET - fuel strainer bowl	1
49	KO 220174	GASKET - breaker cover	1
50	KO 235048	GASKET - breather plate	1
51	KO 275144	GASKET - valve cover	1
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 236705	GASKET - cylinder 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



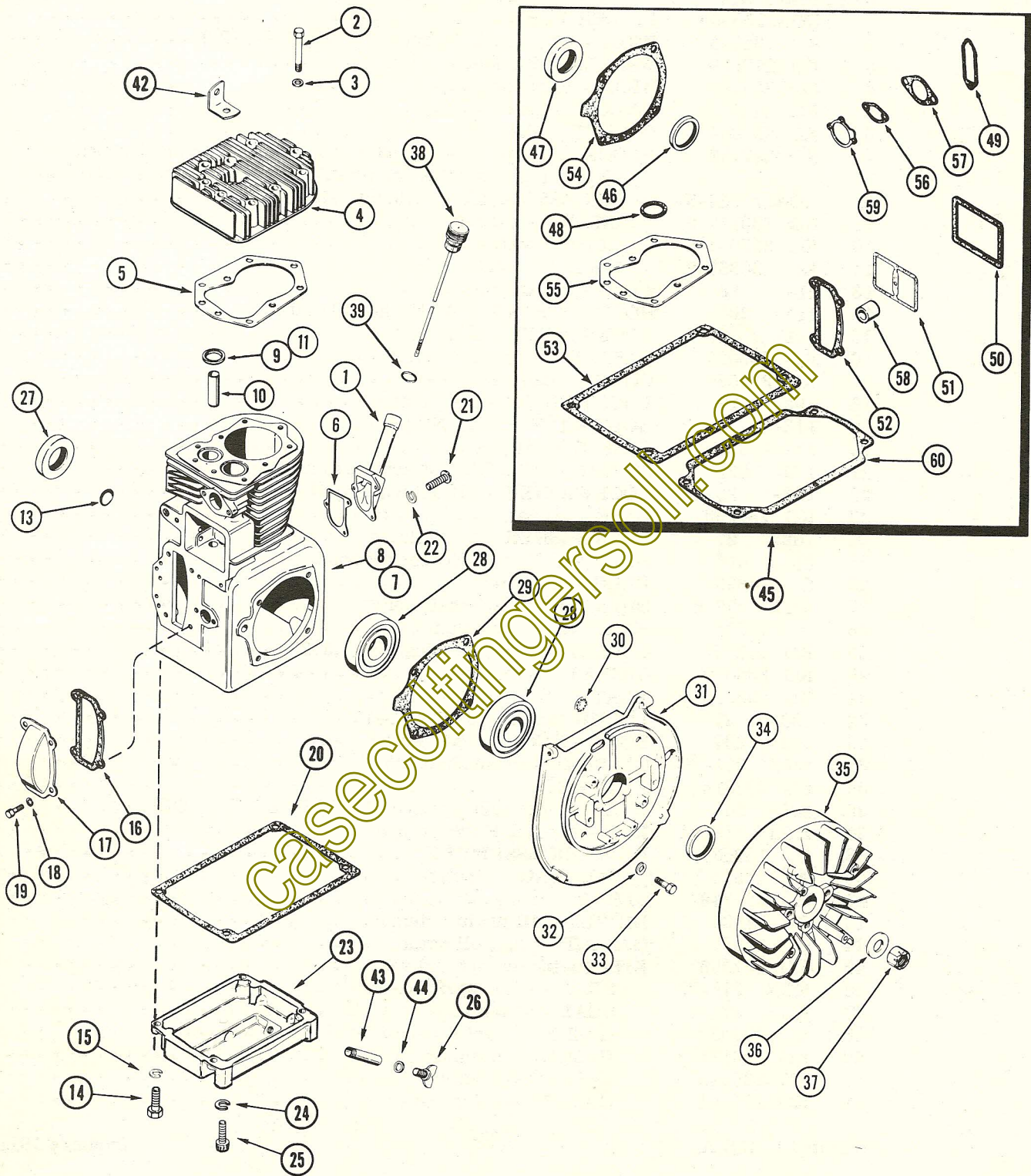
222 AND 442 ENGINE BLOCK AND ATTACHING PARTS

REF.	PART NO.	DESCRIPTION	REQ'D
1	KO 271077	BOLT - cylinder head (Length 2-1/4")	6
2	KO 235175	BOLT - cylinder head (Length 2-1/2")	3
3	KO 270889	WASHER - cylinder head bolt	9
4	KO 235820	HEAD - cylinder	1
5	KO 236705	GASKET - head	1
7	KOA236293	BLOCK ASSEMBLY - cylinder, short (Includes crankshaft, rod assembly, camshaft, valves, bearings and plate)	1
8	KOA235952	BLOCK ASSEMBLY - cylinder, standard bore	1
9	KO 230170-S	INSERT - exhaust valve	1
9A	KO 230265-S	INSERT - intake valve seat	1
10	KO 235007-S	GUIDE - valve	2
11	KO 235125-S	SHAFT - stub governor	1
12	KOX 293-4	BEARING - needle, governor shaft	1
13	41- 18	PLUG - expansion	1
14	113- 206	BOLT - 3/8" x 1-1/4" NC 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" NC plated	4
20	KO 235353	GASKET - oil pan	1
23	KO 235950	BASE - oil pan	1
24	192- 21	LOCKWASHER - 3/8" plated	4
25	61- 616	BOLT - 3/8" x 1" NC socket head	4
26	C 14399	PLUG - oil drain	1
27	KOX 379-6	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" NC plated	4
34	KOX 271-30	OIL SEAL - crankshaft front	1
35	KO 235818	FLYWHEEL	1
36	195- 545	WASHER - special, plated	1
37	KOX 119-14	NUT - special, Marsden	1
38	C 14953	DIPSTICK ASSEMBLY	1
39	A 27365	"O" RING - dipstick	1
42	KO 235748	STRAP - lifting	1
43	C 14398	NIPPLE - oil drain extension	1
44	C 14906	GASKET - plug, oil drain	1
45	KO 235165	KIT - engine gasket and seal	1
46	KOX 271-30	SEAL - crankshaft front oil	1
47	KOX 379-6	SEAL - crankshaft rear oil	1
48	B 59393	GASKET - fuel strainer bowl	1
49	KO 220174	GASKET - breaker cover	1
50	KO 235048	SEAL - breather	1
51	KO 275144	GASKET - valve cover	1
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 236705	GASKET - cylinder 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



444 ENGINE BLOCK AND ATTACHING PARTS

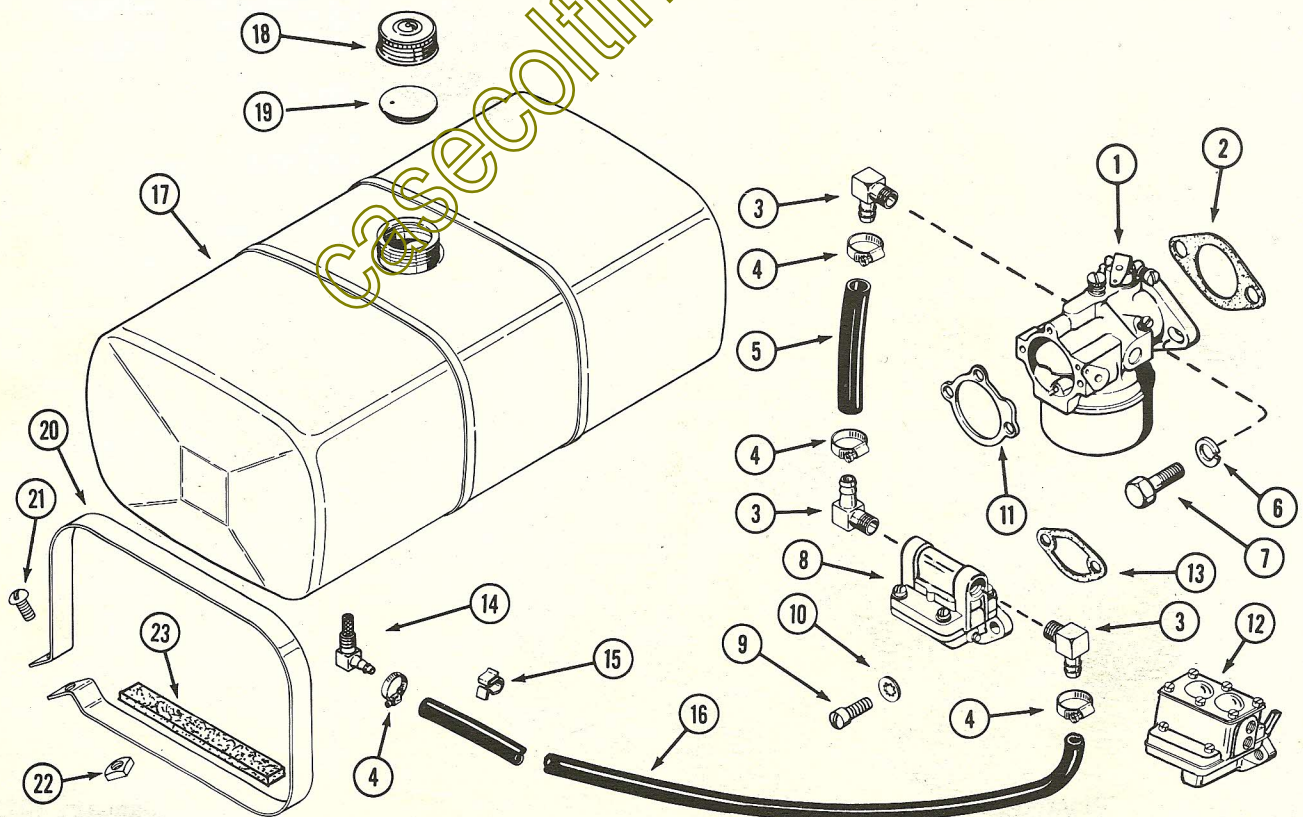
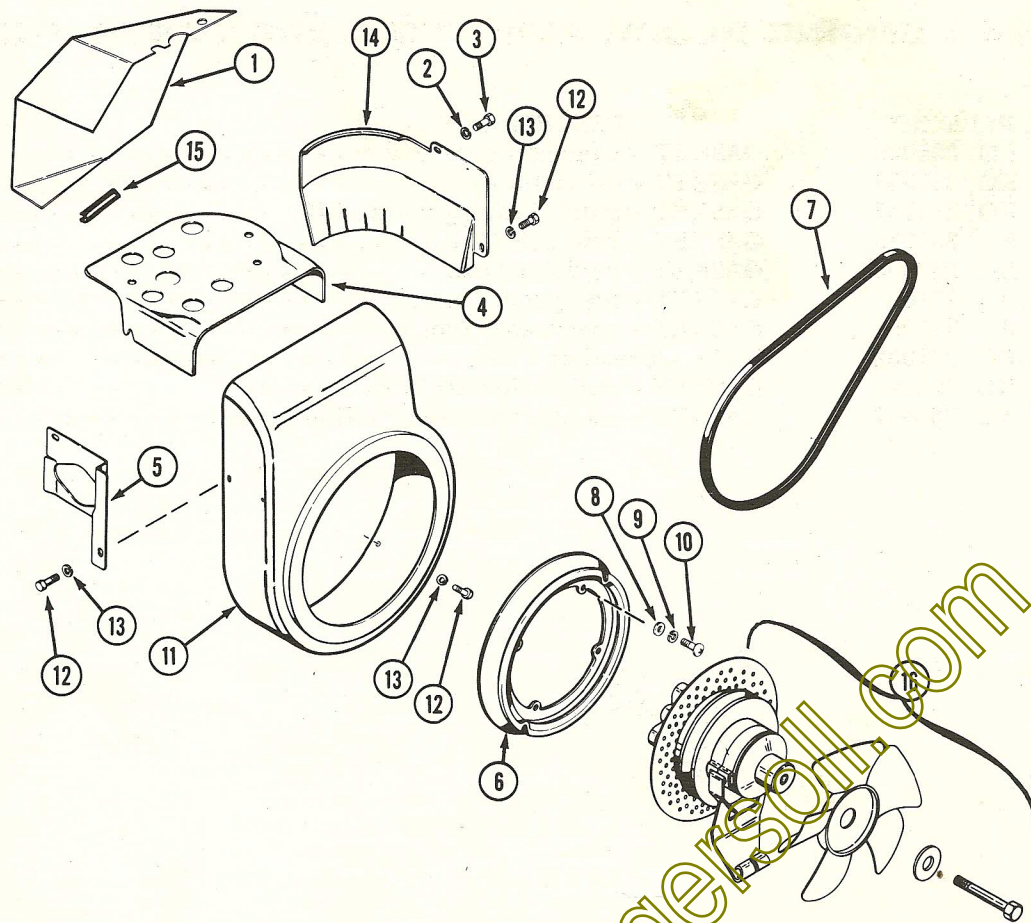
REF.	PART NO.	DESCRIPTION	REQ'D
1	KOA236960	FILLER TUBE	1
2	KO 235175	BOLT - cylinder head special (Length 2-1/2")	9
3	KO 270889	WASHER - cylinder head bolt	10
4	KO 236792	HEAD - cylinder	1
5	KO 236705	GASKET - head	1
6	KO 237064	GASKET - filler tube	1
7	KOB237182	BLOCK ASSEMBLY - cylinder, short (Includes crankshaft, piston, rod assembly, camshaft, valves, bearings and plate)	1
8	KOA237033-S	BLOCK ASSEMBLY - cylinder, standard bore	1
9	KO 230170-S	INSERT - exhaust valve	1
10	KO 235007-S	GUIDE - valve	2
11	KO 230265-S	INSERT - intake valve	1
13	41- 18	PLUG - expansion	1
14	113- 206	BOLT - 3/8" x 1-1/4" NC 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" NC plated	4
20	KO 235353	GASKET - oil pan	1
21	173- 221	SCREW - #10 x 7/16" round head machine	3
22	193- 26	LOCKWASHER - #10 internal tooth	7
23	KO 235950	BASE - oil pan	1
24	192- 21	LOCKWASHER - 3/8" plated	4
25	61- 616	BOLT - 3/8" x 1" NC socket head	4
26	C 14399	PLUG - oil drain	1
27	KOX 379-6	OIL SEAL - crankshaft rear	1
28	40035	BEARING - crankshaft ball	2
29	KO 235757	GASKET - shim, bearing plate .312"	1
29	KO 235070	GASKET - shim, .010"	UAR
31	KO 235815	PLATE - bearing	1
32	192- 21	LOCKWASHER - 3/8" plated	4
33	113- 207	BOLT - 3/8" x 1" NC plated	4
34	KOX 271-30	OIL SEAL - crankshaft front	1
35	KO 235818	FLYWHEEL	1
36	195- 545	WASHER - special, plated 21/32" ID x 1-3/8" OD x 1/4"	1
37	KOX 119-14	NUT - special Marsden 5/8"	1
38	C 14954	DIPSTICK ASSEMBLY	1
39	A 27365	"O" RING - dipstick	1
42	KO 235748	STRAP - lifting	1
43	C 14398	NIPPLE - oil drain extension	1
44	C 14906	GASKET - plug, oil drain	1
45	KO 237395	KIT- engine gasket and seal	1
46	KOX 271-30	SEAL - crankshaft front oil	1
47	KOX 379-6	SEAL - crankshaft rear oil	1
48	B 59393	GASKET - fuel strainer bowl	1
49	KO 220174	GASKET - breaker cover	1
50	KO 235048	GASKET - breather	1
51	KO 275144	GASKET - valve cover	1



444 ENGINE BLOCK AND ATTACHING PARTS CONT.

REF.	PART NO.	DESCRIPTION	REQ'D
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 237306	GASKET - cylinder head	1
56	A 72108	GASKET - fuel pump flange	1
57	A 72100	GASKET - carburetor flange	1
58	KO 231032	SEAL - breather	1
59	KO 275341	GASKET - carburetor air horn	1
60	KO 235057	GASKET - oil pan (Not used on this model)	1

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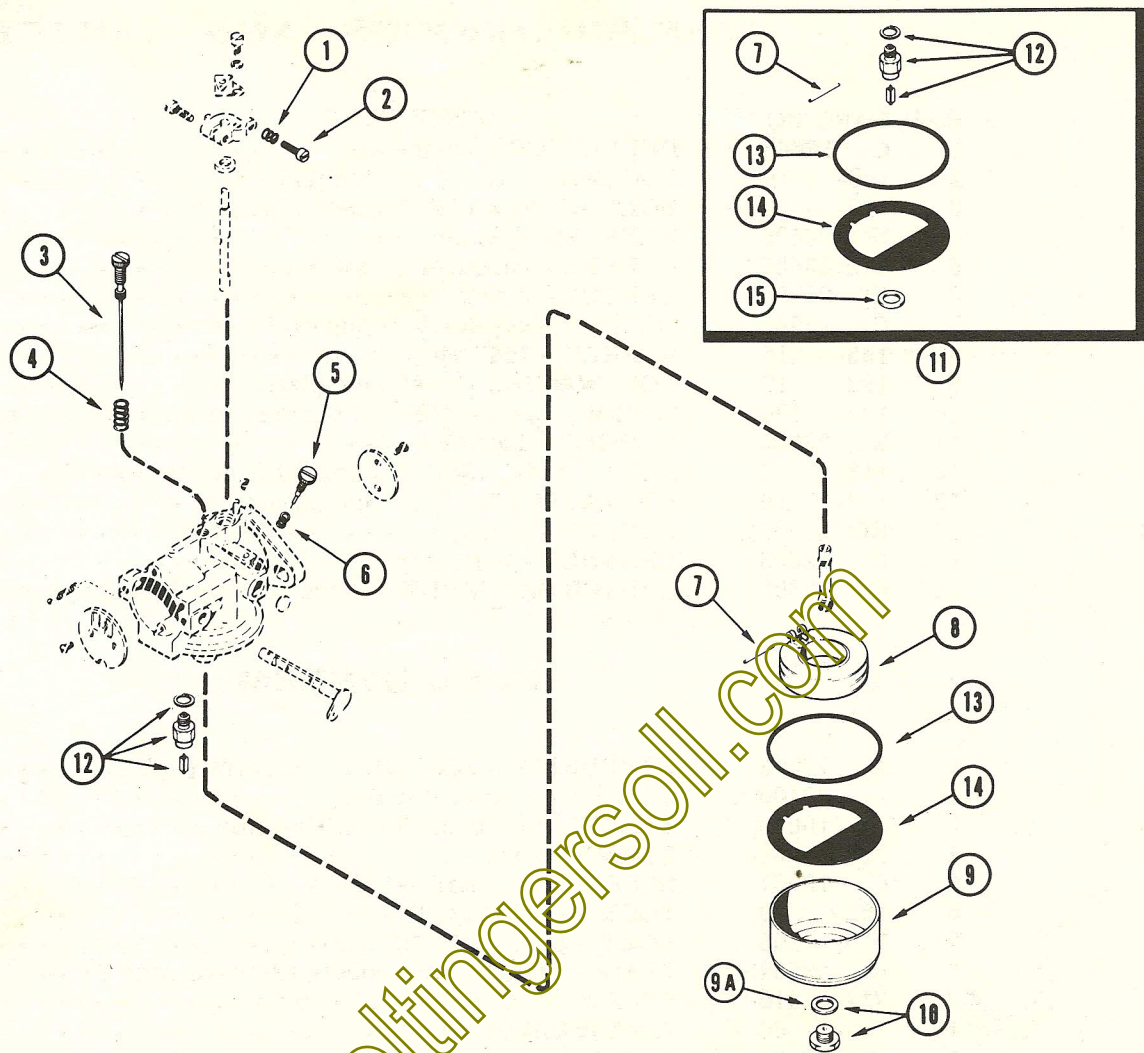
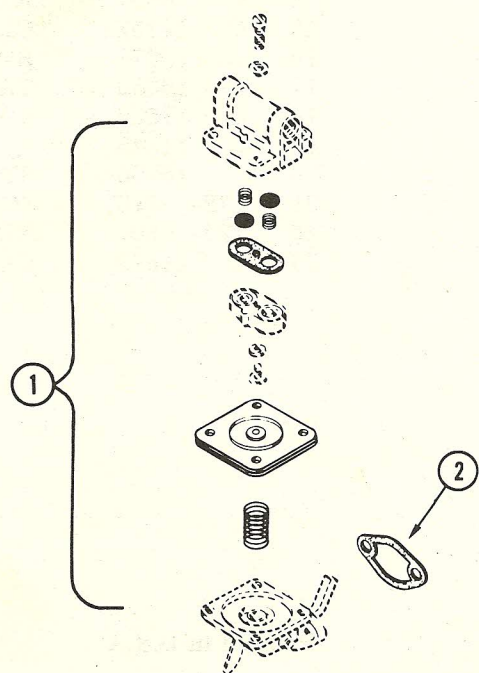
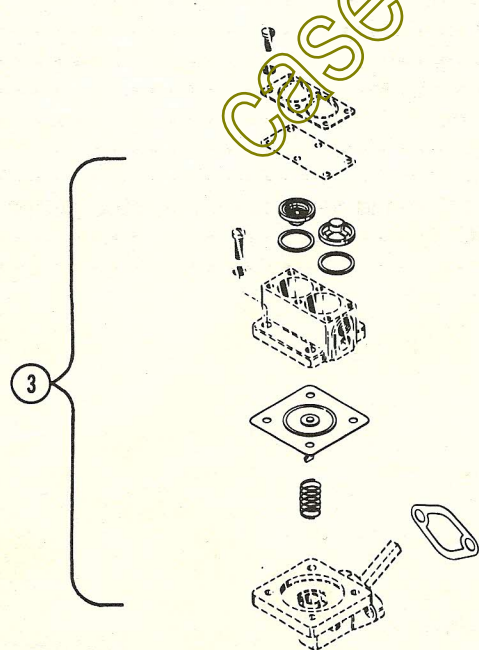


BAFFLES, SHROUDS AND CLUTCH

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 16668	DEFLECTOR - engine air	1
2	192- 19	LOCKWASHER - 1/4" zinc plated	2
3	113- 6	BOLT - 1/4" x 1/2" NC hex, zinc plated	2
4	KO 235955	BAFFLE - cylinder head	1
5	KO 235368	BAFFLE - carburetor side air	1
6	KO 235207	PULLEY - starter	1
7	C 14345	BELT - drive, starter-generator	1
8	195- 515	WASHER - 1/4" zinc plated	4
9	192- 19	LOCKWASHER - 1/4" zinc plated	4
10	175- 436	SCREW - 1/4" x 5/8" NC truss head Phillips, zinc plated	4
11	KO 235951	HOUSING - blower	1
12	113- 2	BOLT - 1/4" x 3/4" NC hex, zinc plated	4
13	192- 19	LOCKWASHER - 1/4" zinc plated	4
14	KO 235054	BAFFLE - cylinder	1
15	C 12603	CHANNEL - deflector	1
16	C 17302	CLUTCH ASSEMBLY - (Less screen) Repairs page 33	1

FUEL SYSTEM

1	A 72073	CARBURETOR ASSEMBLY (Repairs page 27)	1
2	A 72100	GASKET - carburetor flange	1
3	C 10678	ELBOW - fuel pump and carburetor	3
4	214- 251	CLAMP - hose	4
5	C 15007	HOSE - carburetor 5-1/4"	1
6	192- 20	LOCKWASHER 5/16"	2
7	113- 103	BOLT - 5/16" x 1" NC hex	2
8	KOA235845	PUMP - fuel, 10 h.p. models (Repairs page 27)	1
9	71- 410	SCREW - 1/4" x 5/8" NC fillister head	2
10	193- 60	LOCKWASHER - 1/4"	2
11	KO 275341	GASKET - air horn	1
12	KOA236205	PUMP - fuel, 12 and 14 h.p. models (Repairs page 27)	1
13	A 72108	GASKET - fuel pump mounting, all models	1
14	C 10657	ELBOW ASSEMBLY - fuel tank	1
15	C 14157	CLIP - fuel line	2
16	C 17574	HOSE - fuel line 43"	1
17	C 16363	TANK - fuel	1
18	C 11529	CAP - fuel tank (Includes insert)	1
19	C 11545	INSERT - fuel cap	1
20	C 16796	STRAP - fuel tank mounting	2
21	173- 215	SCREW - 1/4 x 1/2" NC round head, machine, zinc plated	2
22	129- 504	NUT - square 1/4" NC	2
23	C 14690	CUSHION - fuel tank	2

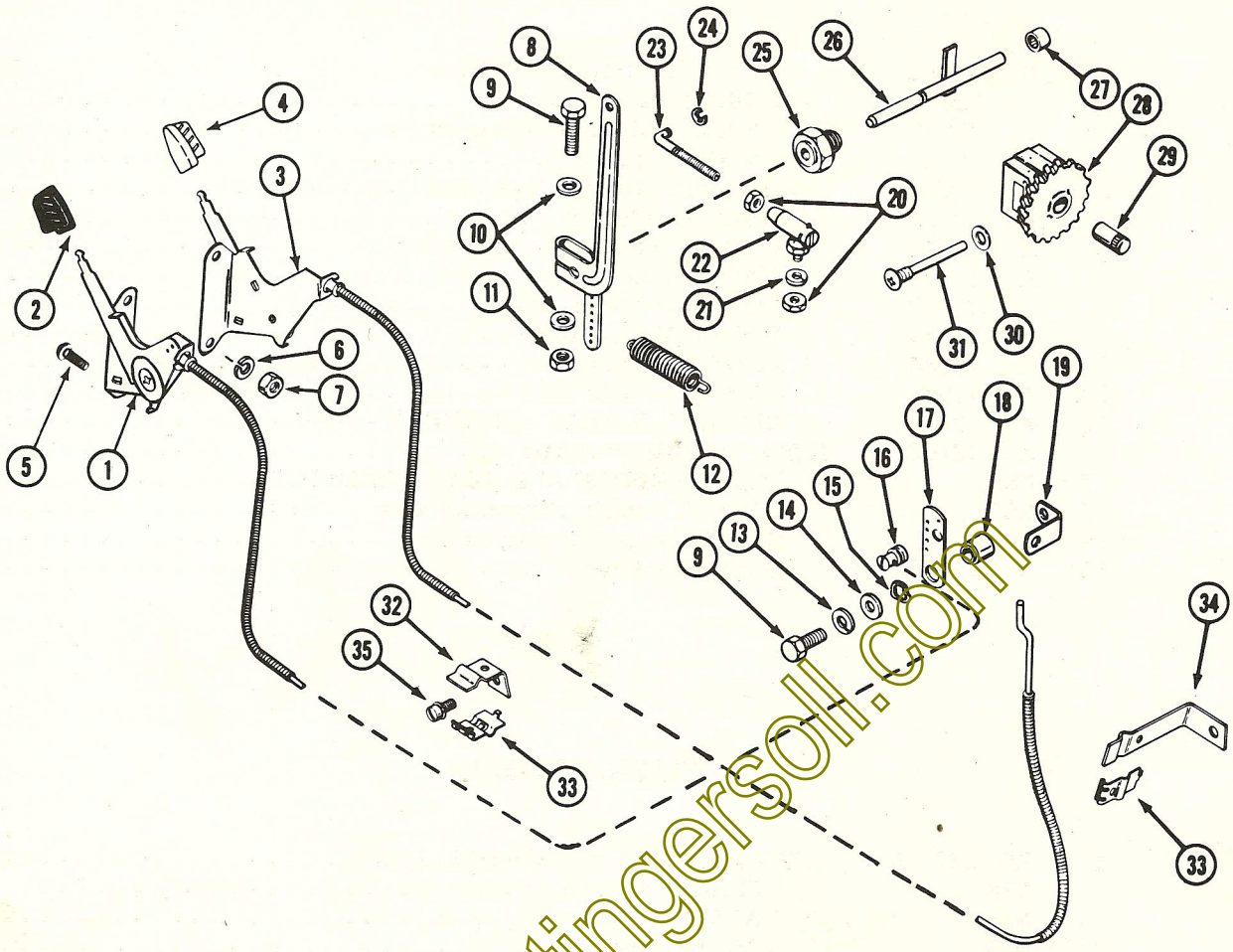


A72073 CARBURETOR

REF.	PART NO.	DESCRIPTION	REQ'D
	A 72073	CARBURETOR ASSEMBLY	1
1	A 72093	SPRING - idle screw tension	1
2	A 72092	SCREW - idle adjust	1
3	A 72077	JET ASSEMBLY - high speed and idle adjust	1
4	A 72076	SPRING - idle jet	1
5	A 72099	SCREW - adjusting (Lean-rich)	1
6	A 72098	SPRING - Lean-rich adjust screw	1
7	A 72079	PIN - carburetor float	1
8	A 72078	FLOAT ASSEMBLY	1
9	A 72080	BOWL - carburetor	1
9A	A 72083	GASKET - bowl screw	1
10	A 72084	NUT AND GASKET ASSEMBLY - bowl	1
11	A 72103	KIT - carburetor repair	1
12	NSS	INLET NEEDLE AND SEAT ASSEMBLY	1
13	NSS	GASKET - carburetor bowl ring	1
14	NSS	GASKET - carburetor bowl	1
15	A 72083	GASKET - bowl screw	1

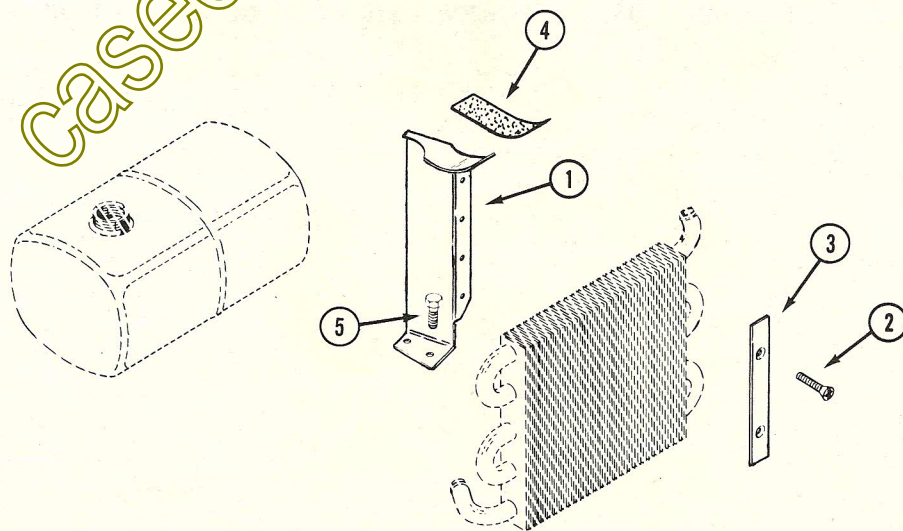
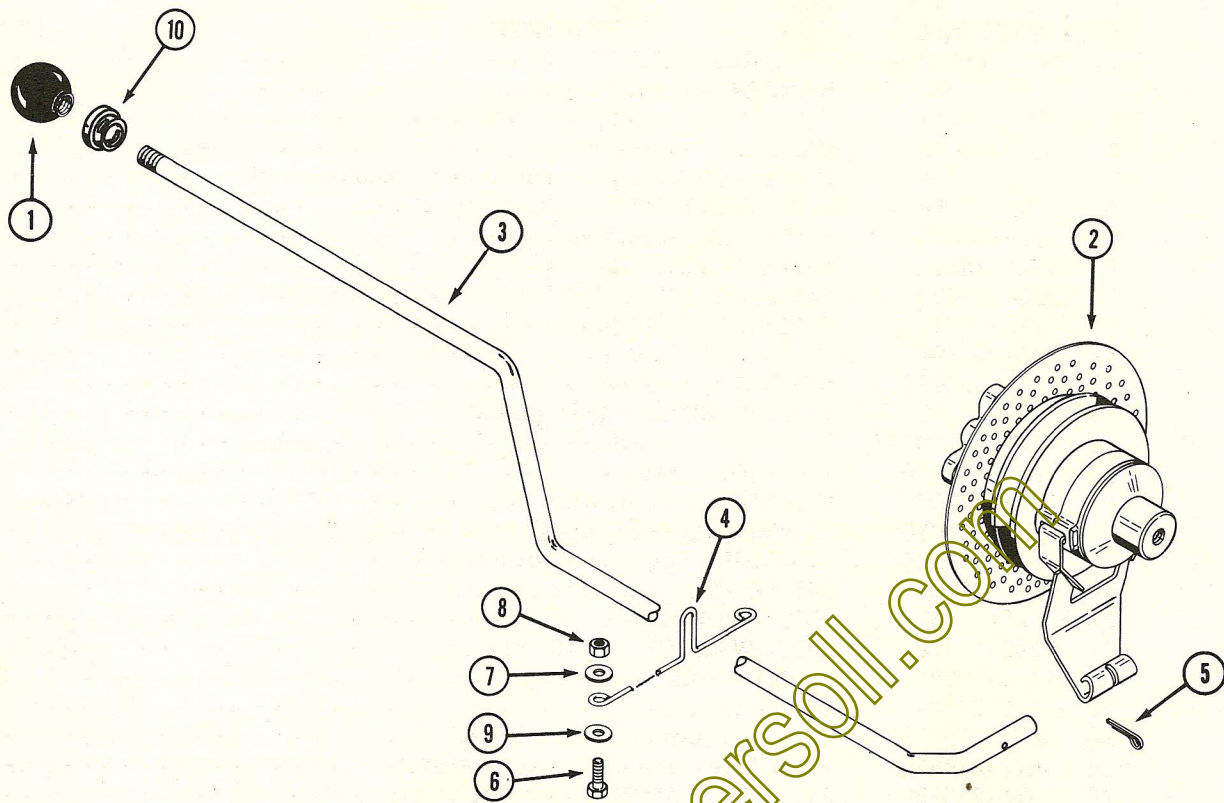
FUEL PUMP

1	KO 230675	KIT - fuel pump for KOA235845 pump	1
	NSS	SPRING - fuel pump valve	2
	NSS	VALVE	2
	NSS	GASKET - valve	1
	NSS	DIAPHRAGM ASSEMBLY	1
	NSS	SPRING - diaphragm	1
2	A 72108	GASKET - fuel pump mounting	1
3	KO 236387	KIT - fuel pump for KOA236205 pump	1
	NSS	VALVE ASSEMBLY	2
	NSS	GASKET - valve	2
	NSS	DIAPHRAGM ASSEMBLY	1
	NSS	SPRING - diaphragm	1
	NSS	GASKET - valve	1
2	A 72108	GASKET - fuel pump mounting	1



CHOKE, THROTTLE AND GOVERNOR

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 16449	CONTROL - throttle	1
2	C 12224	HANDLE - throttle control, black	1
3	C 16448	CONTROL - choke	1
4	C 14506	HANDLE - choke control, white	1
5	111- 1	BOLT - 10-24 x 1/2" round head, square neck	2
6	192- 18	LOCKWASHER - #10 Std. plated	2
7	129- 17	NUT - #10-24 plated	2
8	KO 235494	LEVER - governor	1
9	15- 420	BOLT - 1/4" x 1-1/4" NC hex	2
10	195- 515	WASHER - 1/4" plated	2
11	25- 104	NUT - 1/4" hex	1
12	KO 235496	SPRING - governor	1
13	192- 19	LOCKWASHER - 1/4" plated	1
14	KOX 25-67	WASHER - thrust	1
15	KO 275690	WASHER - wavy	1
16	KO 231052	CLAMP - swivel, wire	1
17	KO 235086	LEVER - speed control	1
18	KO 235085	SPACER - speed control bracket	1
19	KO 235084	BRACKET - high speed stop	1
20	129- 37	NUT - #10-32 hex	2
21	192- 18	LOCKWASHER - 3/16" plated	1
22	A 10326	JOINT - ball	1
23	KO 235277	ROD - throttle	1
24	KO 235278	RING - retaining, throttle rod	1
25	KO 235476	BUSHING - governor cross shaft	1
26	KOA235256	SHAFT ASSEMBLY - governor cross	1
27	KOX 293-4	BEARING - needle governor shaft	1
28	KOA235743	GEAR ASSEMBLY - governor	1
29	KO 235125-S	SHAFT - governor stub	1
30	KOX 25-55	WASHER - governor stop pin	1
31	KO 231355	PIN - governor stop	1
32	KO 235900	BRACKET - throttle cable	1
33	KO 235603	CLIP - bracket	2
34	KO 235680	BRACKET - choke cable	1
35	169- 95	SCREW - #10 x 3/8" NC fillister head	1

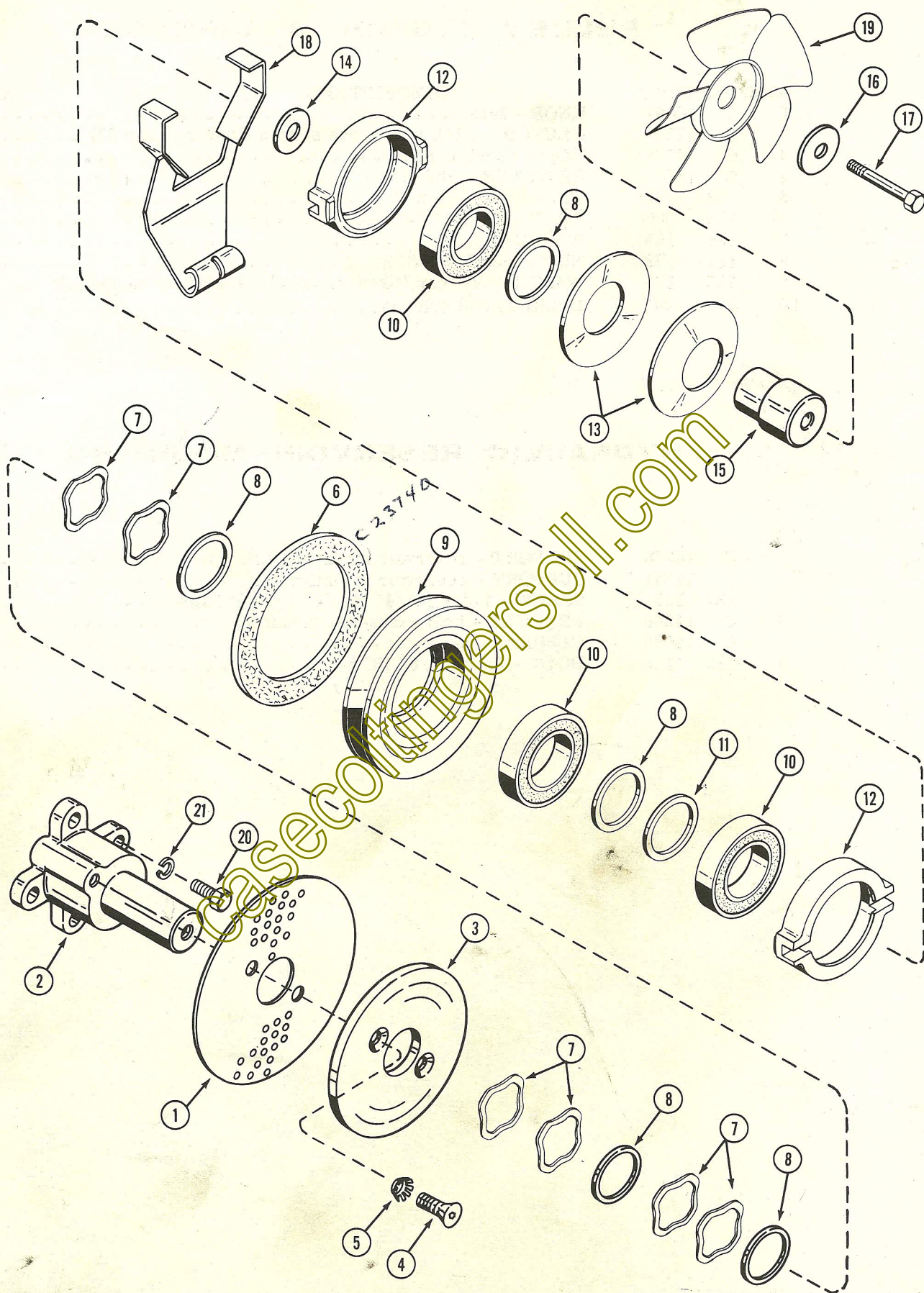


PULLEY CLUTCH & LINKAGE

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 10487	KNOB - lever	1
2	C 17302	CLUTCH - PTO, less grass screen (Repairs page 33)	1
3	C 14224	ROD - clutch control	1
4	C 16682	RETAINER - clutch rod	1
5	132- 48	PIN - cotter 1/8 x 1"	1
6	113- 207	BOLT - 3/8 x 1" NC hex	2
7	195- 104	WASHER - 3/8"	2
8	131- 178	NUT - lock 3/8" NC hex	2
9	195- 126	WASHER - spacer (Used on models without hydraulic lift)	2
10	353- 441	BUSHING - clutch rod	1

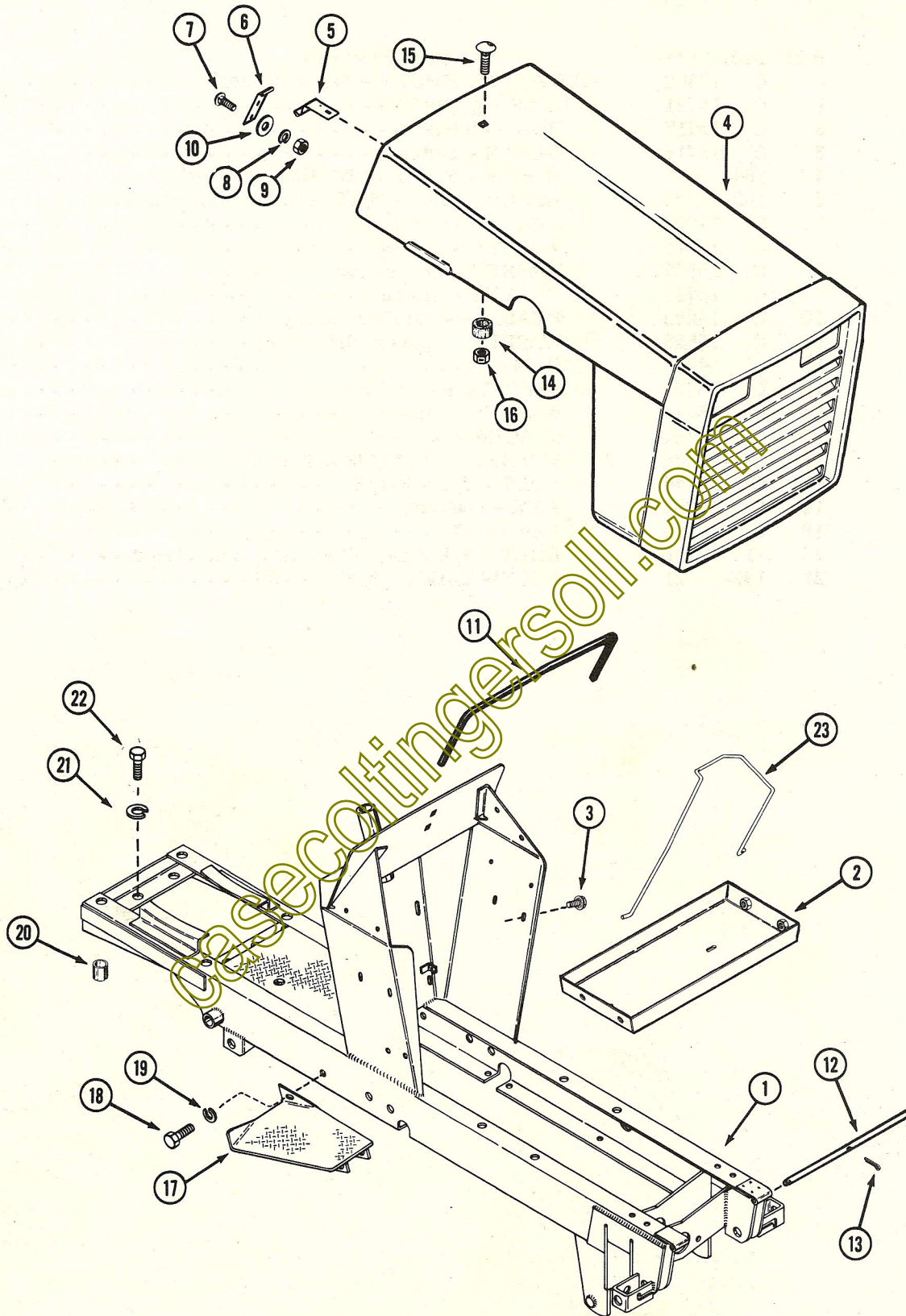
HYDRAULIC RESERVOIR MOUNTING

1	C 14240	SUPPORT - reservoir mounting R.H.	1
1	C 14241	SUPPORT - reservoir mounting L.H.	1
2	187- 1251	SCREW - 1/4 x 1-1/4" NC flat head Phillips	4
3	C 14246	BRACKET - heat exchanger mounting	2
4	C 14690	CUSHION - reservoir	2
5	113- 118	BOLT - 5/16 x 5/8" NC hex	4



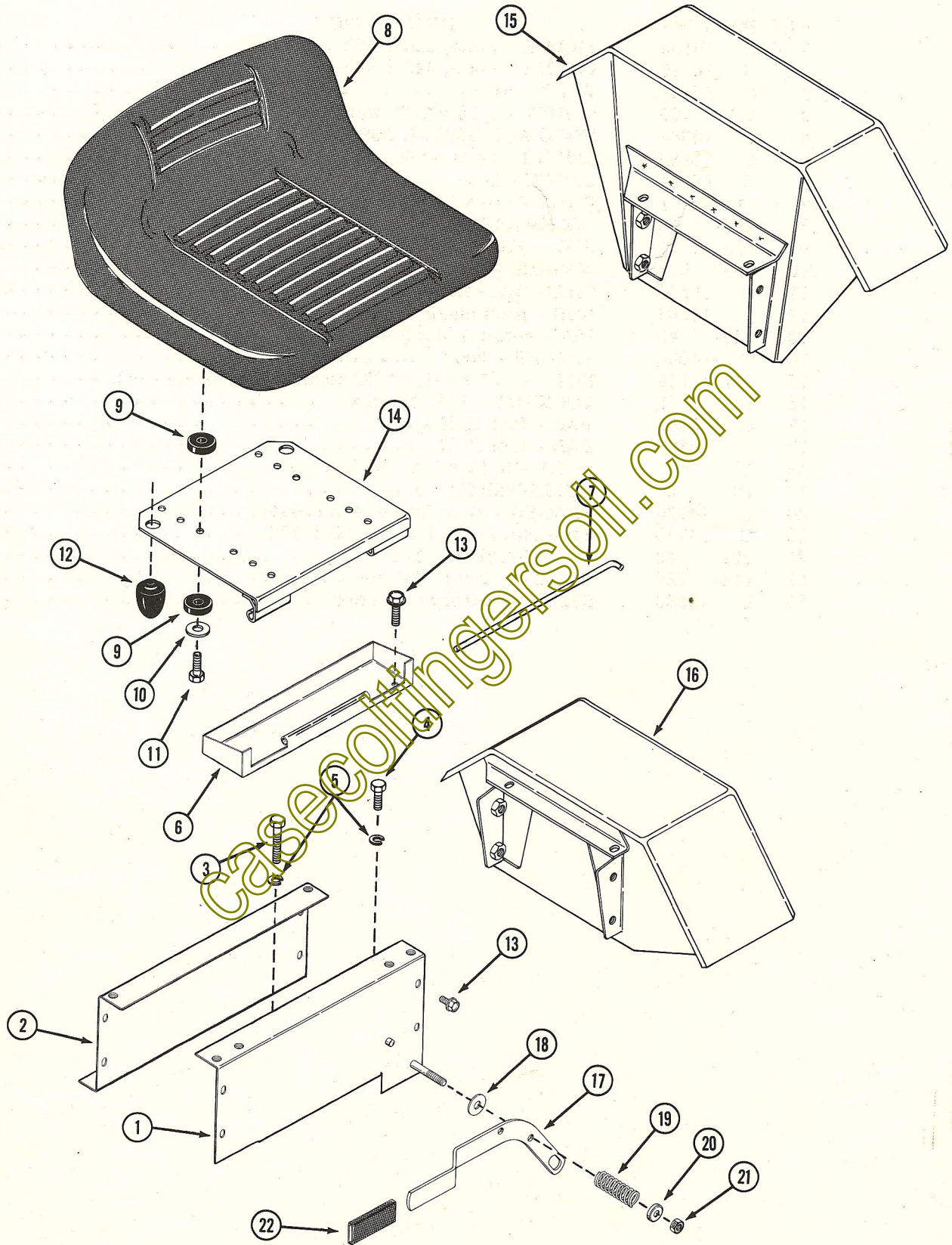
CLUTCH ASSEMBLY (PTO)

REF.	PART NO.	DESCRIPTION	REQ'D
	C 17302	CLUTCH ASSEMBLY - (Less screen)	1
1	C 15721	SCREEN - grass	1
2	C 15717	HUB - clutch	1
3	C 15718	PLATE - clutch	1
4	164- 41	SCREW - 5/16 x 1" NC flat head socket	2
5	193- 76	LOCKWASHER - 5/16" countersunk ext. teeth	2
6	C 14291	DISC - friction	1
7	C 15515	WASHER - spring	6
8	C 15557	WASHER - spacer .050"	5
9	C 15719	PULLEY - clutch	1
10	C 14295	BEARING - cam and pulley	3
11	C 15556	WASHER - spacer .010"	1
12	C 14293	CAM	2
13	C 16786	SPRING - clutch load	2
14	C 15743	WASHER - spacer	1
15	C 16464	SPACER - hub	1
16	195- 2036	WASHER - fan 13/32 x 2" OD	1
17	C 15744	BOLT - 3/8 x 3-1/8"	1
18	C 14994	ARM - engaging	1
19	C 16616	FAN	1
20	113- 208	BOLT - 3/8 x 1-1/4" NC hex, zinc plated	4
21	192- 21	LOCKWASHER - 3/8"	4



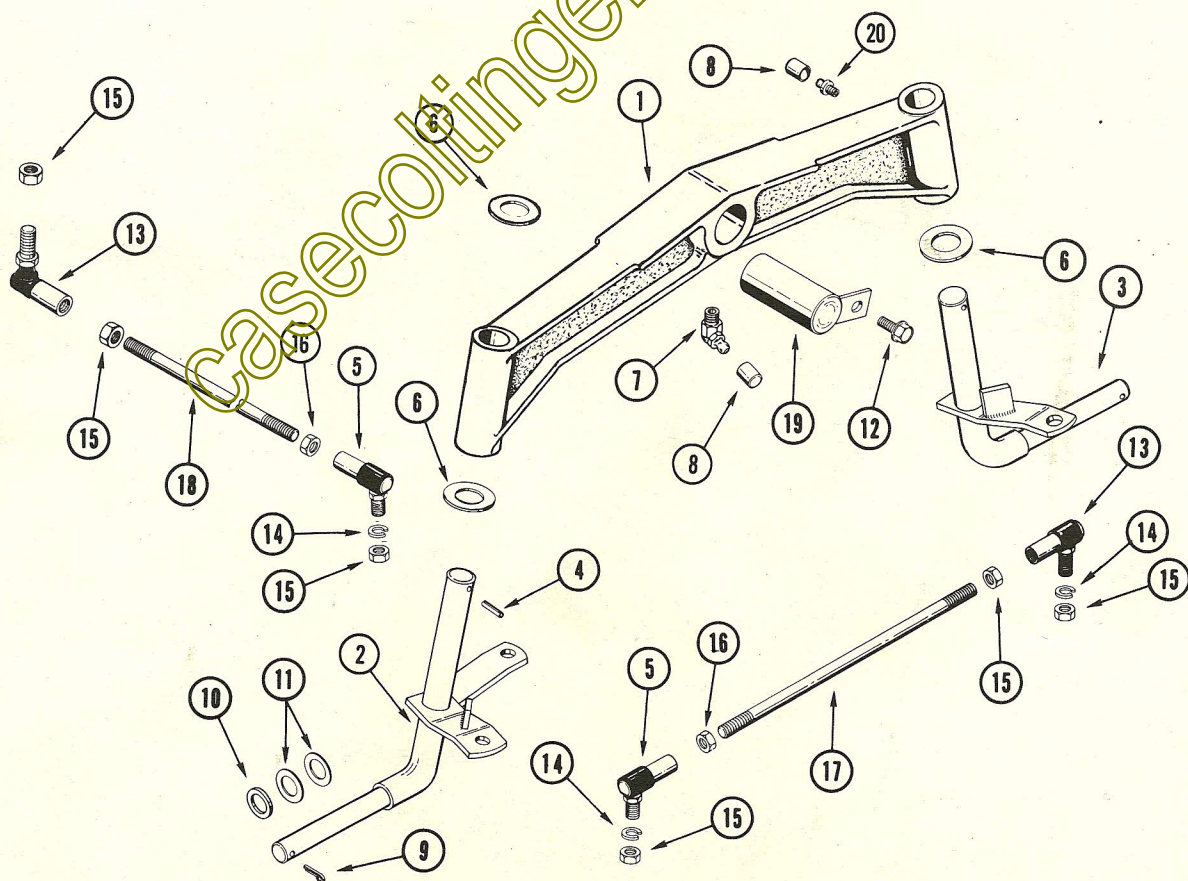
HOOD, FRAME AND GRILLE

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 16195	FRAME - main, 220 & 222	1
1	C 16196	FRAME - main, 442 & 444	1
2	C 16731	TRAY - battery	1
3	121- 106	SCREW - 5/16 x 1/2" whizlock	4
4	C 16364	HOOD AND GRILLE ASSEMBLY	1
5	C 15183	SPRING - hood latch	1
6	C 15184	LATCH - hood	1
7	111- 1	BOLT - #10 x 1/2" NC round head, square neck	2
8	192- 18	LOCKWASHER - #10	2
9	129- 17	NUT - #10 NC hex	2
10	195- 512	WASHER - 7/32" zinc plated	2
11	C 16694	CHANNEL - instrument panel liner	1
12	C 16362	ROD - hood hinge	1
13	132- 46	PIN - cotter 1/8 x 3/4"	1
14	C 14500	SPACER - hood	1
15	111- 109	BOLT - 1/4 x 1-1/4" NC round head, square neck	1
16	131- 71	LOCKNUT - 1/4" NC hex	1
17	C 16368	PAD - foot L. H.	1
17	C 16369	PAD - foot R. H.	1
18	13- 514	BOLT - 5/16 x 7/8" NC hex	2
19	192- 20	LOCKWASHER - 5/16"	2
20	C 14729	SPACER - rear frame (442 & 444)	2
20	C 14730	SPACER - rear frame (220 & 222)	2
21	192- 23	LOCKWASHER - 1/2"	4
22	113- 424	BOLT - 1/2 x 1" NC hex	4
23	C 16239	STRAP - battery hold down	1



SEAT, FENDERS AND TOOL TRAY

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 16408	SUPPORT - seat, front	1
2	C 16404	SUPPORT - seat, rear	1
3	113- 441	BOLT - 1/2 x 2-1/2" NC hex (220 & 222)	2
3	113- 447	BOLT - 1/2 x 3-1/4" NC hex (442 & 444)	2
4	113- 424	BOLT - 1/2 x 1" NC hex	2
5	192- 23	LOCKWASHER - 1/2"	4
6	C 16430	TRAY - tool	1
7	C 16429	PIN - seat hinge	1
8	C 16129	SEAT - 220 & 222	1
8	C 16651	SEAT - 442 & 444	1
9	C 15410	CUSHION - rubber	8
10	195- 2021	WASHER - 5/16 x 1-1/4" OD, zinc plated	4
11	26- 524	BOLT - 5/16 x 1-1/2"	4
12	C 14534	BUMPER - seat	2
13	121- 106	BOLT - 5/16 x 1/2" flange whizlock	14
14	C 17152	HINGE ASSEMBLY - seat	1
15	C 16444	FENDER - L. H. (442 & 444)	1
15	C 16445	FENDER - R. H. (442 & 444)	1
16	C 16446	FENDER - L. H. (220 & 222)	1
16	C 16447	FENDER - R. H. (220 & 222)	1
17	C 16393	LEVER - shift	1
18	195- 2029	WASHER - 7/16 x 1-1/4" OD	1
19	C 17216	SPRING - shift lever	1
20	C 17066	WASHER - cupped	1
21	131- 178	NUT - lock 3/8" NC hex	1
22	C 14728	GRIP - shift lever	1

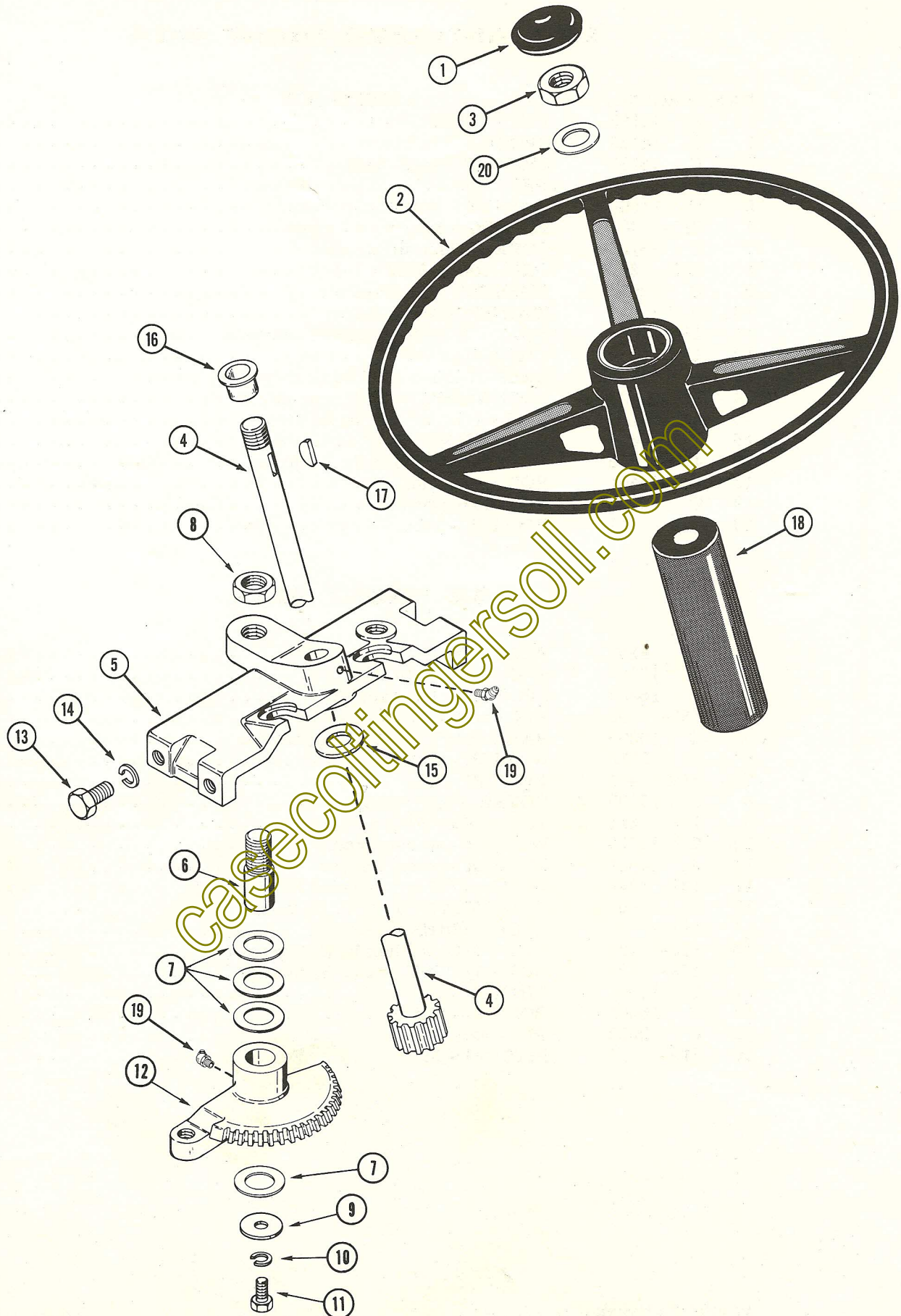


220 AND 222 FRONT AXLE

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 14129	AXLE - front	1
2	C 14128	SPINDLE - left hand	1
3	C 14131	SPINDLE - right hand	1
4	138- 99	PIN - roll	2
5	C 11906	WASHER - thrust	4
6	219- 404	FITTING - lube	3
7	C 13106	COVER - lube fitting	3
8	132- 311	PIN - cotter 5/32 x 1-1/4"	2
9	C 12975	WASHER - wheel spindle	2
10	A 30881	WASHER - wheel spacer	6
11	187- 1046	BOLT - 3/8" NC indented hex head	1
12	C 14334	TIE ROD	1
13	C 12102	BALL JOINT - 1/2" R. H. thread	2
14	192- 23	LOCKWASHER - 1/2" zinc plated	3
15	129- 125	NUT - 1/2" NF hex R. H. thread	6
16	C 13605	BALL JOINT - 1/2" L. H. thread	2
17	129- 325	NUT - 1/2" NF hex L. H. thread	2
18	C 16401	ROD - drag link	1
19	C 12003	PIN - axle pivot	1
20	219- 17	FITTING - lube	2

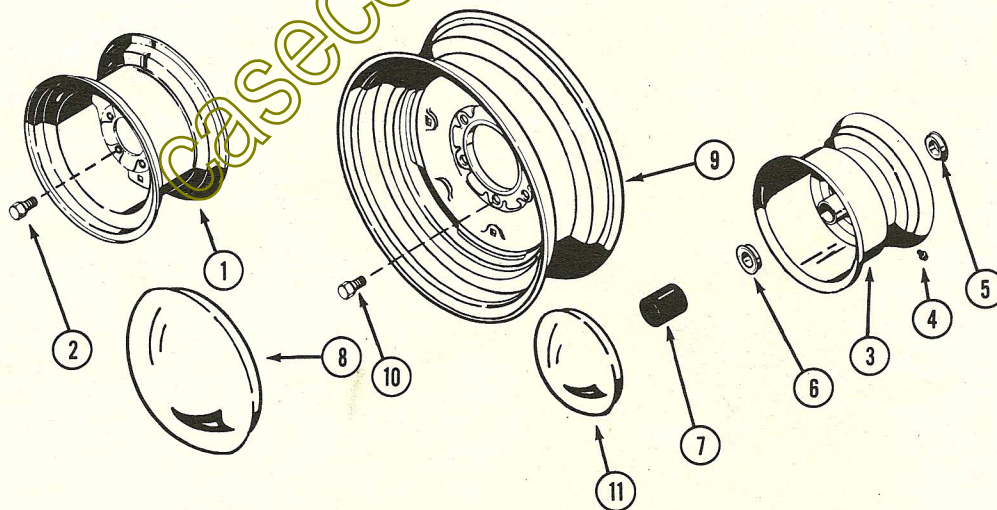
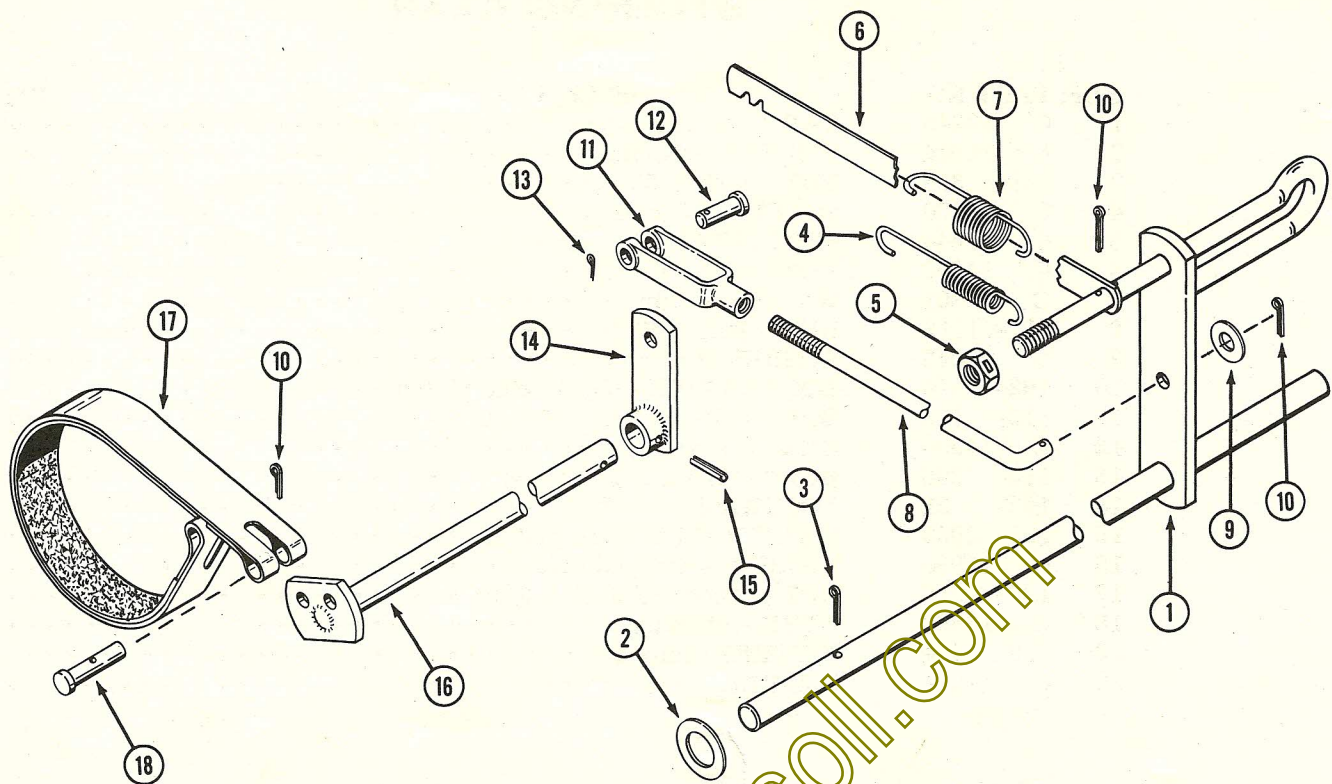
442 FRONT AXLE

1	C 14151	AXLE - front	1
2	C 16382	SPINDLE - right hand	1
3	C 16383	SPINDLE - left hand	1
4	138- 99	PIN - roll	2
5	C 13605	BALL JOINT - 1/2" L. H. thread	2
6	C 13716	WASHER - thrust	4
7	219- 404	FITTING - lube	3
8	C 13106	COVER - lube fitting	3
9	132- 311	PIN - cotter 5/32 x 1-1/4"	2
10	C 12975	WASHER - wheel spindle	2
11	A 30881	WASHER - wheel spacer	4
12	187- 1046	BOLT - 3/8" NC indented hex head	1
13	C 12102	BALL JOINT - 1/2" R. H. thread	2
14	192- 23	LOCKWASHER - 1/2" zinc plated	3
15	129- 125	NUT - 1/2" NF hex R. H. thread	6
16	129- 325	NUT - 1/2" NF hex L. H. thread	2
17	C 16384	TIE ROD	1
18	C 16401	ROD - drag link	1
19	C 12003	PIN - axle pivot	1
20	219- 17	FITTING - lube	2



STEERING GEAR

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 16945	CAP - steering wheel	1
2	C 16944	WHEEL - steering	1
3	131- 356	NUT - lock 5/8"	1
4	C 16200	SHAFT - steering	1
5	C 16644	SUPPORT - steering gear	1
6	C 14200	PIN - pivot	1
7	C 14201	WASHER - shim	4
8	131- 1112	NUT - jam 3/4"	1
9	G 49048	WASHER	1
10	192- 20	LOCKWASHER - 5/16" zinc plated	1
11	113- 113	BOLT - 5/16 x 7/8" NC hex	1
12	C 14990	GEAR - steering	1
13	113- 206	BOLT - 3/8 x 3/4" NC hex	4
14	192- 21	LOCKWASHER - 3/8"	4
15	195- 2069	WASHER - 5/8" zinc plated	1
16	C 15096	BUSHING - flanged nylon	1
17	126- 16	KEY - Woodruff 3/16 x 3/4"	1
18	C 16692	TUBE - steering	1
19	219- 404	FITTING - lube 45°	2
20	C 12975	WASHER - 5/8"	1

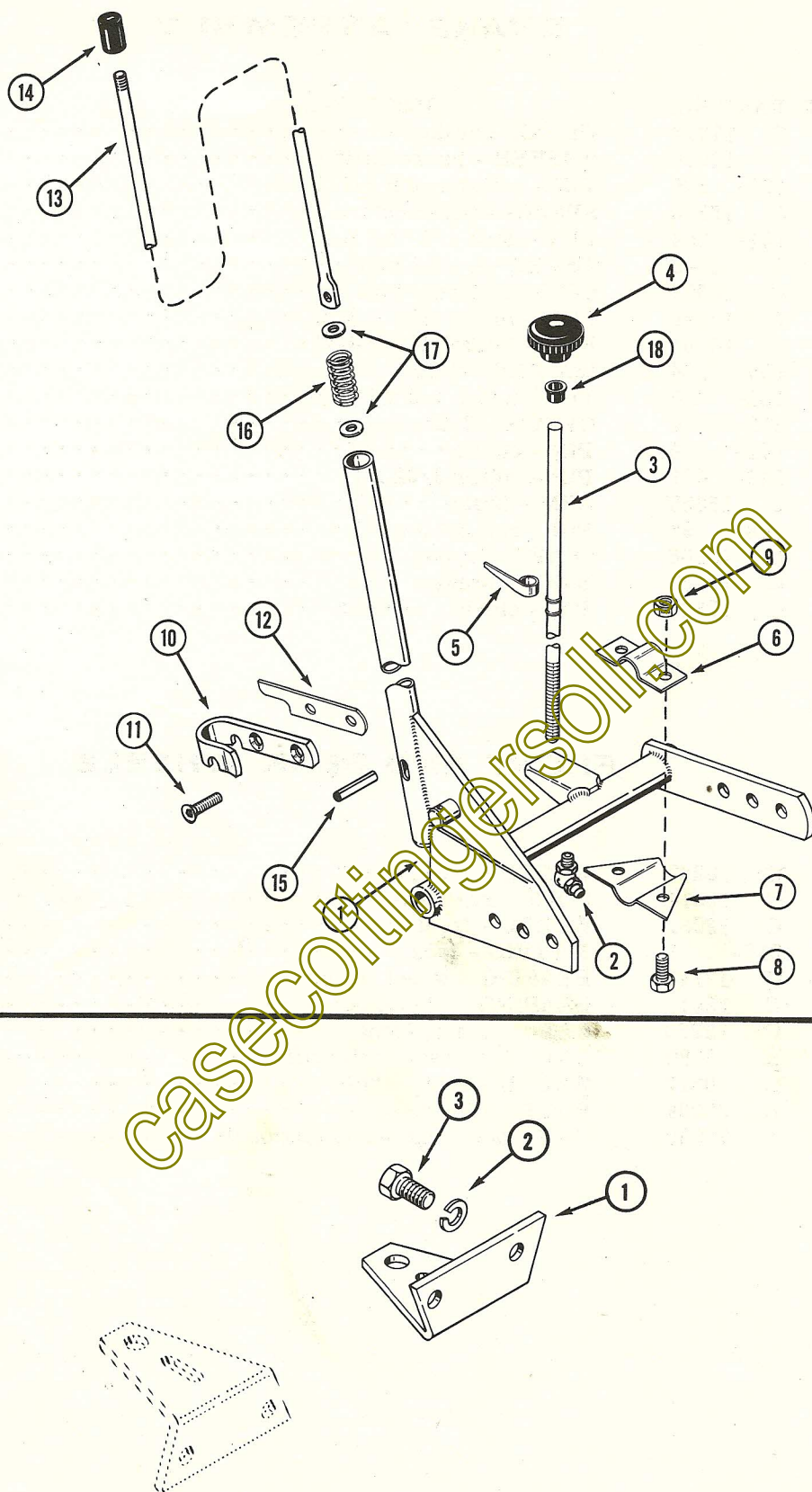


BRAKE ASSEMBLY

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 17316	PEDAL - brake	1
2	C 12975	WASHER - brake shaft	1
3	132- 336	PIN - cotter 1/8 x 1-1/2"	1
4	C 16370	SPRING - pedal return	1
5	131- 164	NUT - lock 1/2" NC hex	2
6	C 16143	LEVER - brake lock	1
7	C 16379	SPRING - brake lock	1
8	C 14946	ROD - brake (220 & 222)	1
8	C 14945	ROD - brake (442 & 444)	1
9	195- 104	WASHER - 7/16"	1
10	132- 310	PIN - cotter 1/8 x 1"	4
11	213- 4	CLEVIS - 3/8"	1
12	141- 4	PIN - clevis	1
13	132- 321	PIN - cotter 3/32 x 1"	1
14	C 16655	ARM - brake	1
15	138- 96	PIN - roll 3/16 x 1"	1
16	C 13866	SHAFT - brake	1
17	C 14187	BAND - brake	1
18	C 13526	PIN - clevis	2

FRONT AND REAR WHEELS

			220	442
			222	444
1	C 10263	WHEEL - rear, 5 bolt	2	
2	C 10314	BOLT - rear wheel	10	
3	C 12081	WHEEL - front	2	2
4	219- 1	FITTING - lube	2	2
5	C 12110	BEARING - wheel, inner	2	2
6	C 12111	BEARING - wheel, outer	2	2
7	C 12370	CAP - plastic, front	2	2
8	A 70165	CAP - hub, rear (optional)	2	
9	C 10317	WHEEL - rear, 6 bolt		2
10	A 30064	BOLT - rear wheel		12
11	A 70062	CAP - hub front wheel (optional)	2	2



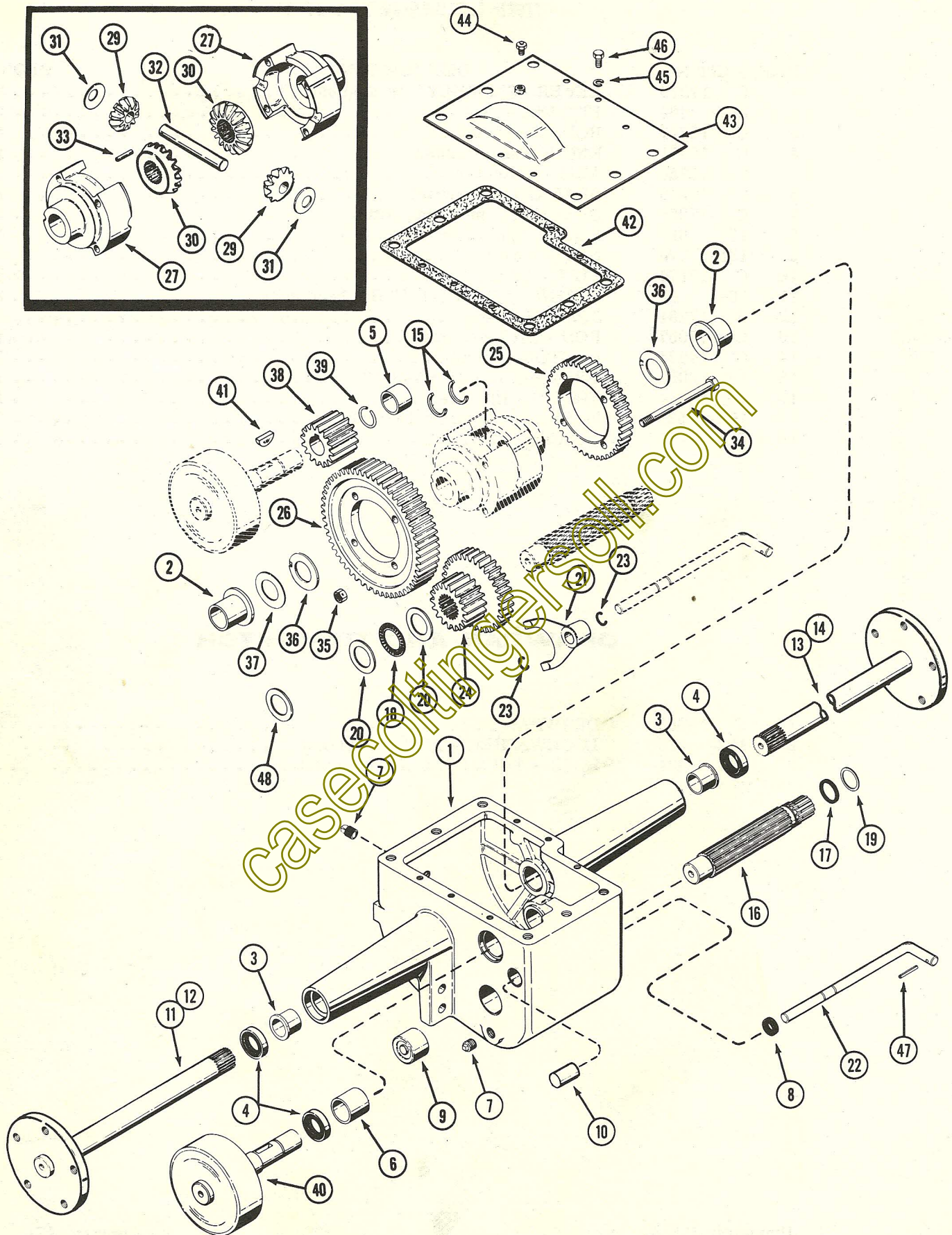
MOUNTING POSITION FOR 220 AND 222 TRACTORS

IMPLEMENT LIFT

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 17319	LEVER ASSEMBLY - implement lift	1
2	219- 404	FITTING - lube 45°	1
3	C 16741	ROD - height adjust	1
4	C 16751	KNOB - height adjust	1
5	C 16750	ARM - indicator	1
6	C 17249	BRACKET - mounting top	1
7	C 17250	BRACKET - mounting bottom	1
8	13- 614	BOLT - 3/8 x 7/8" NC hex	4
9	131- 178	NUT - lock 3/8"	4
10	C 17174	LIFT - latch	1
11	164- 42	SCREW - 5/16 x 1-1/4" flat head socket	2
12	C 17281	SPACER - latch	4
13	C 17067	ROD - lift lever push	1
14	C 14525	BUTTON - thumb	1
15	138- 2054	PIN - spirol 5/16 x 1-3/4"	1
16	C 15564	SPRING - lift lever	1
17	195- 521	WASHER - 3/8 x 11/16" OD.	2
18	353- 462	BUSHING	1

DRAWBAR AND TOW HITCH

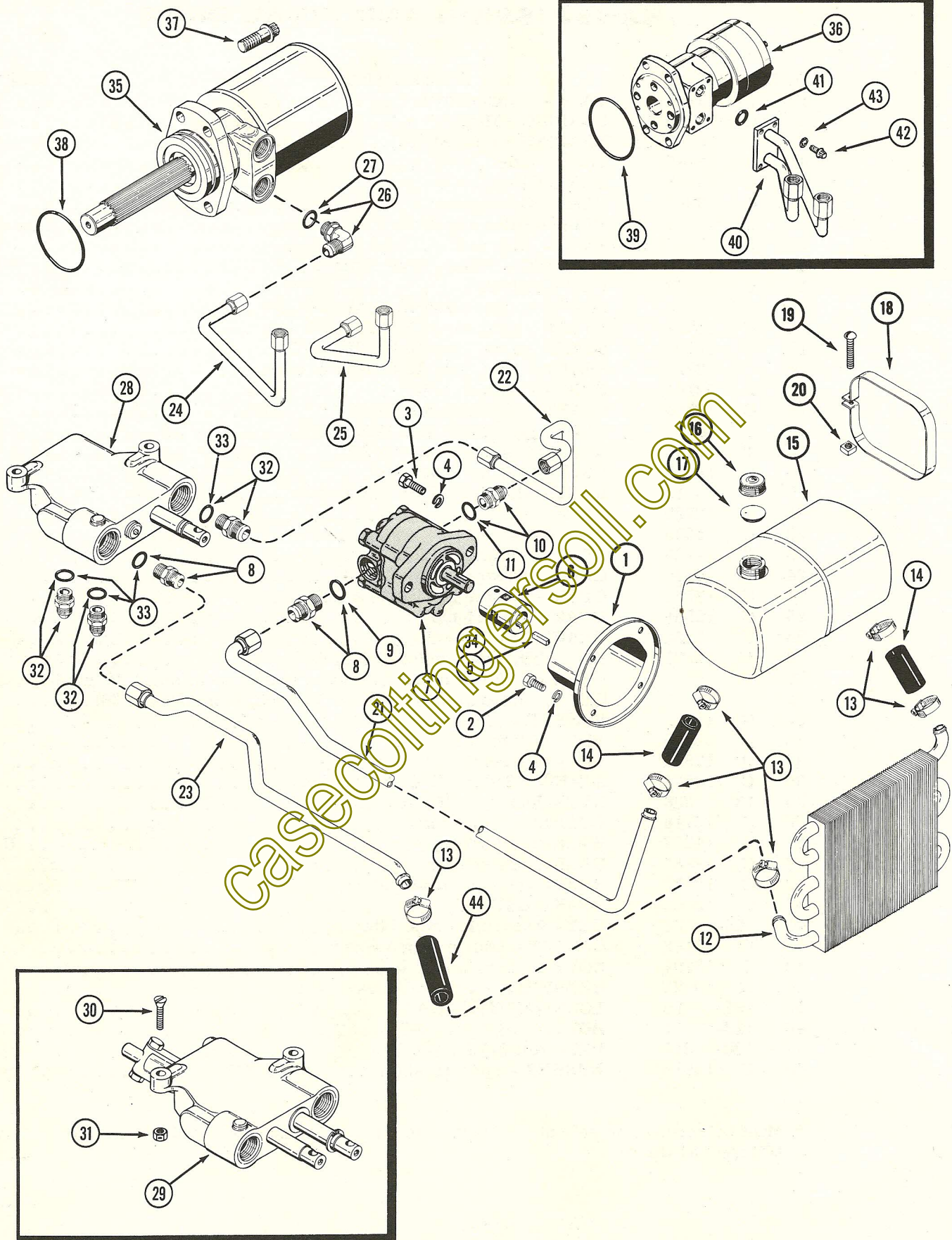
1	C 13360	DRAWBAR	1
2	192- 23	LOCKWASHER - 1/2" zinc plated	2
3	113- 424	BOLT - 1/2 x 1" NC hex zinc plated	2



TRANSMISSION AND FINAL DRIVE

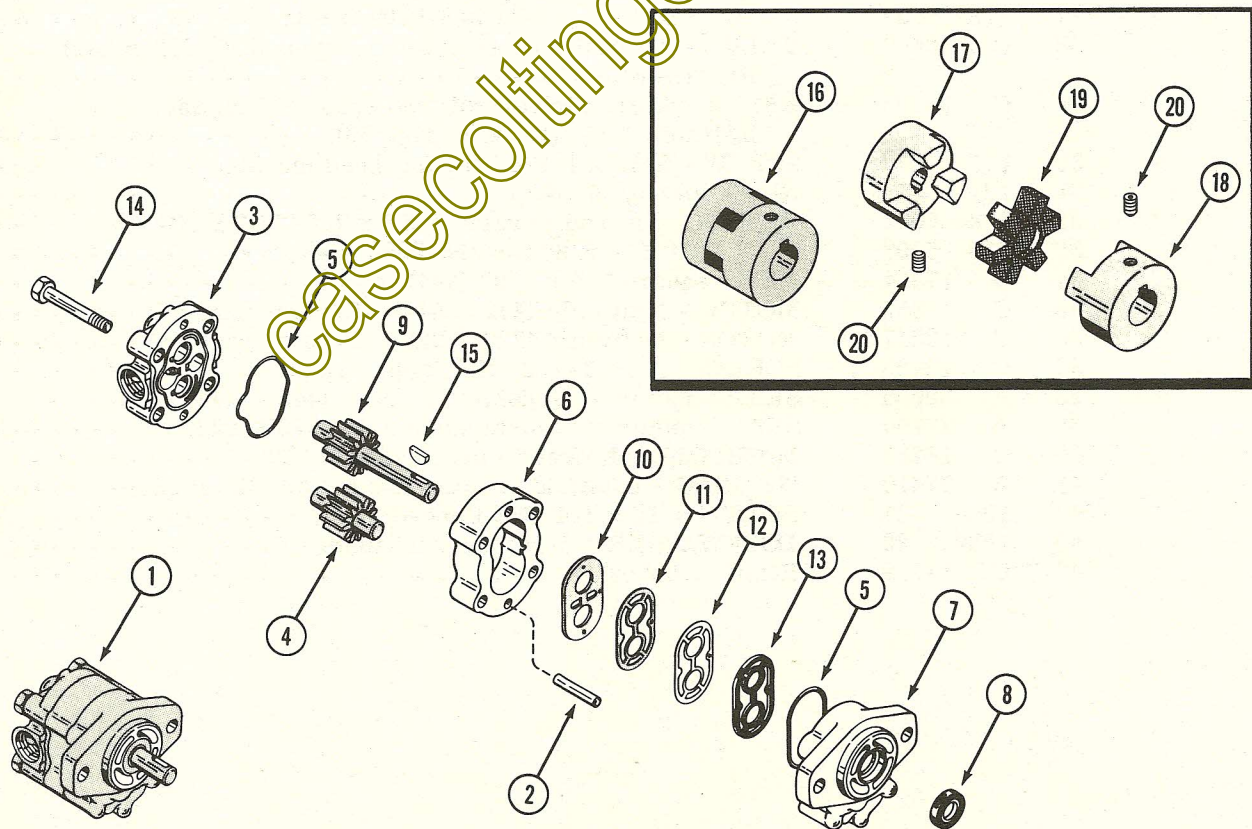
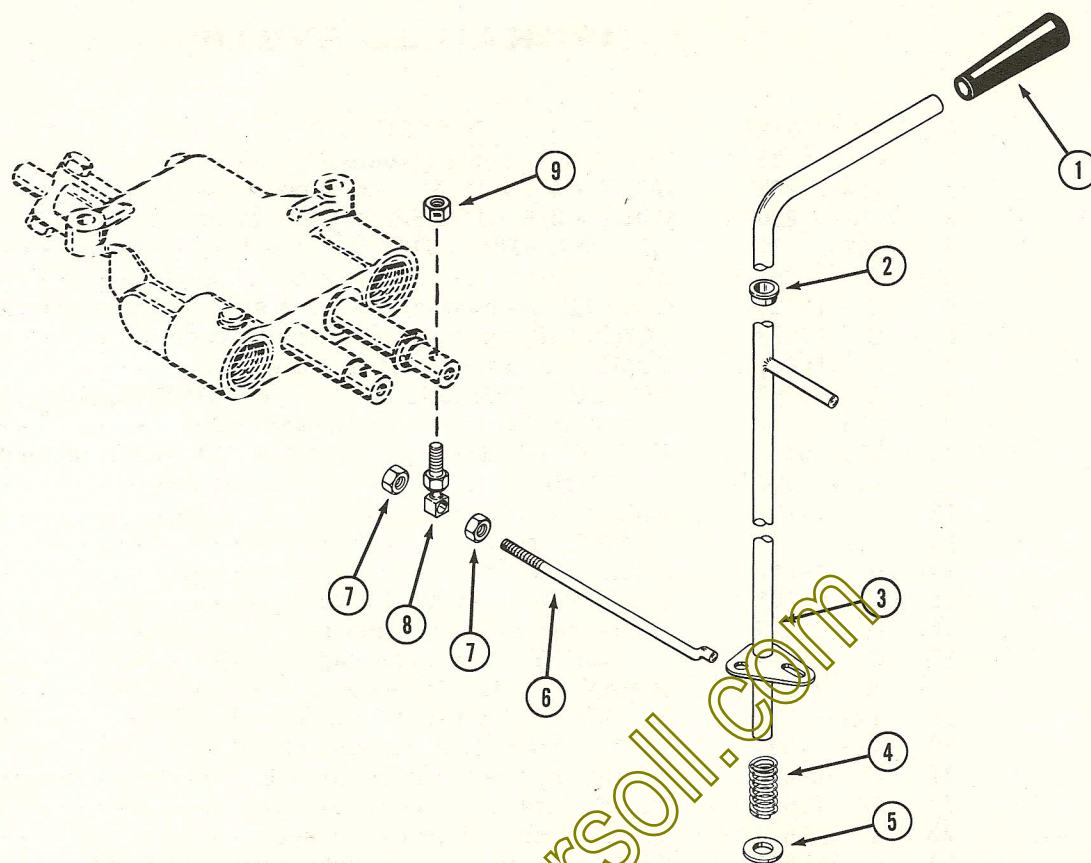
REF.	PART NO.	DESCRIPTION	REQ'D
1	C 13770	CASE - transmission	1
2	C 12713	BEARING - flange	2
3	C 16744	BEARING - flanged	2
4	D 31945	SEAL - axle	3
5	C 13241	BEARING - sleeve	1
6	C 13385	BEARING - sleeve	1
7	221- 4	PLUG - filler and drain 1/2"	2
8	C 13266	SEAL - shift rod	1
9	C 13211	BEARING - roller, input shaft	1
10	C 12723	CAP - shift rod	1
11	C 16699	SHAFT - axle, short R. H. (220 & 222)	1
12	C 12722	SHAFT - axle, short R. H. (442 & 444)	1
13	C 16700	SHAFT - axle, long L. H. (220 & 222)	1
14	C 12721	SHAFT - axle, long L. H. (442 & 444)	1
15	B 52144	RING - retainer, axle	2
16	C 12554	SHAFT - transmission input (220 & 222)	1
17	C 14199	RING - input shaft seal (220 & 222)	1
18	T 36441	BEARING - thrust (220 & 222)	1
19	C 14656	RING - back up (220 & 222)	1
20	C 13212	RACE - thrust bearing (220 & 222)	2
21	C 12725	FORK - shift	1
22	C 16339	ROD - gear shift	1
23	C 14168	RING - retaining	2
24	C 14644	GEAR - cluster input	1
24	C 12553	GEAR - cluster input (220 & 222)	1
25	C 12551	GEAR - high 41 tooth	1
26	C 12552	GEAR - low 55 tooth	1
27	C 16295	KIT - diff. case (includes Ref. 34 and 35)	1
29*		GEAR - differential pinion (order two of each, items 29 and 30)	2
30*		GEAR - differential (order two of each, items 29 and 30)	2
31	C 12559	WASHER - pinion thrust	2
32	C 12560	PIN - differential cross	1
33	R 17820	PIN - differential cross lock	1
34	C 12561	SCREW - 3/8 x 4-3/4" NC hex cap.	4
35	131- 366	NUT - lock 3/8" NC hex	4
36	C 12718	WASHER - differential	2
37	C 14223	WASHER - spacer	UAR
38	C 12965	GEAR - brake idler	1
39	C 14222	RING - retainer, brake idler	1
40	C 13261	BRAKE DRUM	1
41	126- 128	KEY - Woodruff, brake idler	1
42	C 13196	GASKET - transmission cover	1
43	C 13197	COVER - transmission	1
44	A 50096	BREATHER - transmission	1
45	192- 19	LOCKWASHER - 1/4"	6
46	113- 1	BOLT - 1/4 x 1/2" NC hex	6
47	138- 319	PIN - roll 3/16 x 1-1/2"	1
48	C 14919	WASHER - special, shim .015" (220 & 222)	UAR

* Must be serviced in sets of four using two C12558 Pinion Gears and two C12557 Differential Gears.



HYDRAULIC SYSTEM

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 15335	SUPPORT - pump mounting	1
2	113- 207	BOLT - 3/8 x 1" NC hex, support mounting	4
3	114- 200	BOLT - 3/8 x 1" NF hex, pump mounting	2
4	192- 21	LOCKWASHER - 3/8" zinc plated	6
5	W 5063-S	KEY - square 1/4 x 3/4" (220, 222 & 442)	1
6	C 15726	COUPLING - pump (220, 222 & 442) (Repairs page 51)	1
6	C 17298	COUPLING - pump (444) (Repairs page 51)	1
7	C 15481	PUMP - hydraulic (Repairs page 51)	1
8	C 17263	FITTING - hydraulic 3/4T x 7/8" "O" RING, pump and valve	2
9	218- 5007	"O" RING - 5/8" for C17263 fitting	2
10	218- 5066	FITTING - hydraulic 5/8T x 3/4" "O" RING, pump pressure	1
11	218- 5006	"O" RING - 1/2" for 218-5066 fitting	1
12	C 14195	EXCHANGER - heat	1
13	214- 9	CLAMP - hose	6
14	C 14245	HOSE - rubber 3"	2
15	C 16101	RESERVOIR - hydraulic oil	1
16	C 11529	CAP - reservoir with insert	1
17	C 11545	INSERT - reservoir cap	1
18	A 70100	STRAP - reservoir mounting	2
19	173- 215	SCREW - 1/4 x 1-1/4" round head machine	2
20	129- 504	NUT - square 1/4" NC zinc plated	2
21	C 16689	TUBE - hydraulic, pump to tank	1
22	C 16686	TUBE - hydraulic, pump to valve	1
23	C 16690	TUBE - valve to heat exchanger	1
24	C 16687	TUBE - valve to lower motor port (442 & 444)	1
25	C 16688	TUBE - valve to upper motor port (442 & 444)	1
26	218- 5107	FITTING - motor port, 90° elbow "O" ring	2
27	218- 5007	"O" RING - 5/8" for 218-5107 fitting	2
28	C 16492	VALVE - hydraulic control, single spool (220, 222 & 442) (Repairs page 53)	1
29	C 16493	VALVE - hydraulic control, two spool (all models with hydraulic lift) (Repairs page 53)	1
30	171- 247	SCREW - 5/16 x 1-1/4" NC flat head machine	2
31	131- 351	NUT - lock 5/16" NC hex	2
32	218- 5062	FITTING - hydraulic valve 5/8T x 7/8" "O" RING	3
33	218- 5007	"O" RING - 5/8" for 218-5062	2
34	C 17334	KEY - square 1/4 x 1/2" (444)	1
35	C 14855	MOTOR - hydraulic (442 & 444) (Repairs page 57)	1
36	C 13647	MOTOR - hydraulic (220 & 222) (Repairs page 55)	1
37	C 15483	SCREW - 1/2 x 1-1/2" NC flanged 12 pt.	4
38	A 30095	SEAL - motor to transmission case (442 & 444)	1
39	A 32190	SEAL - motor to transmission case (220 & 222)	1
40	C 16261	MANIFOLD - hydraulic motor (220 & 222)	1
41	A 27410	"O" RING - manifold to hydraulic motor (220 & 222)	2
42	166- 24	BOLT - 5/16 x 3/4" NC flanged 12 pt.	4
43	193- 29	LOCKWASHER - 5/16" internal tooth	4
44	C 14619	HOSE - rubber 4"	1

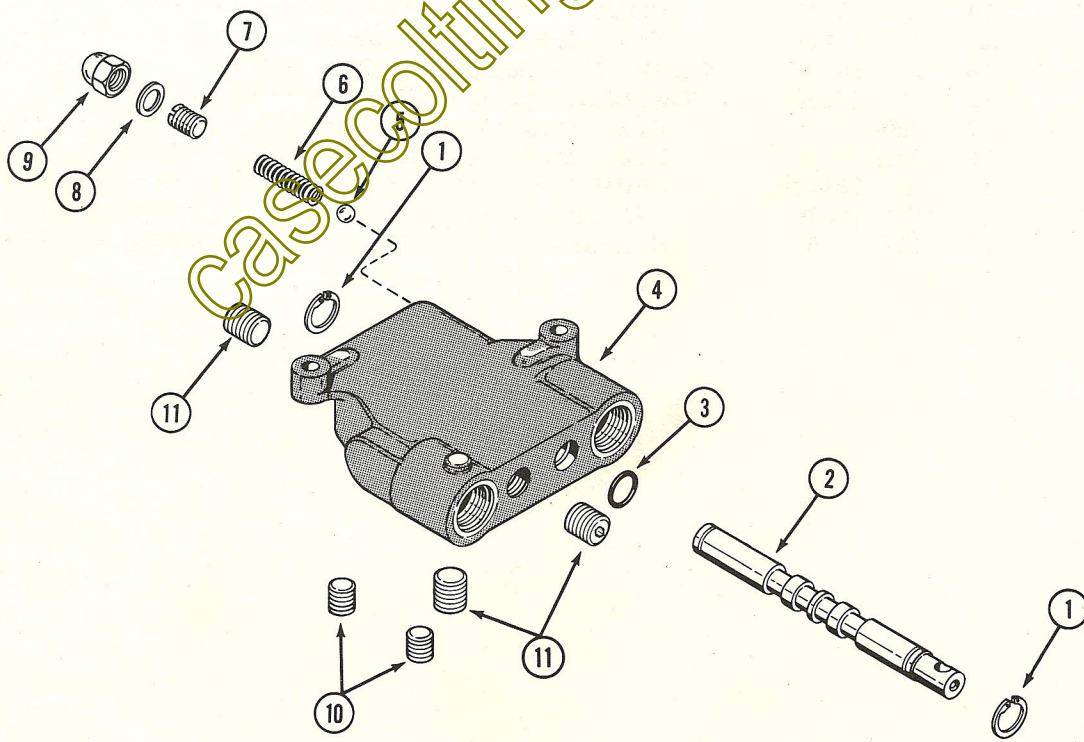
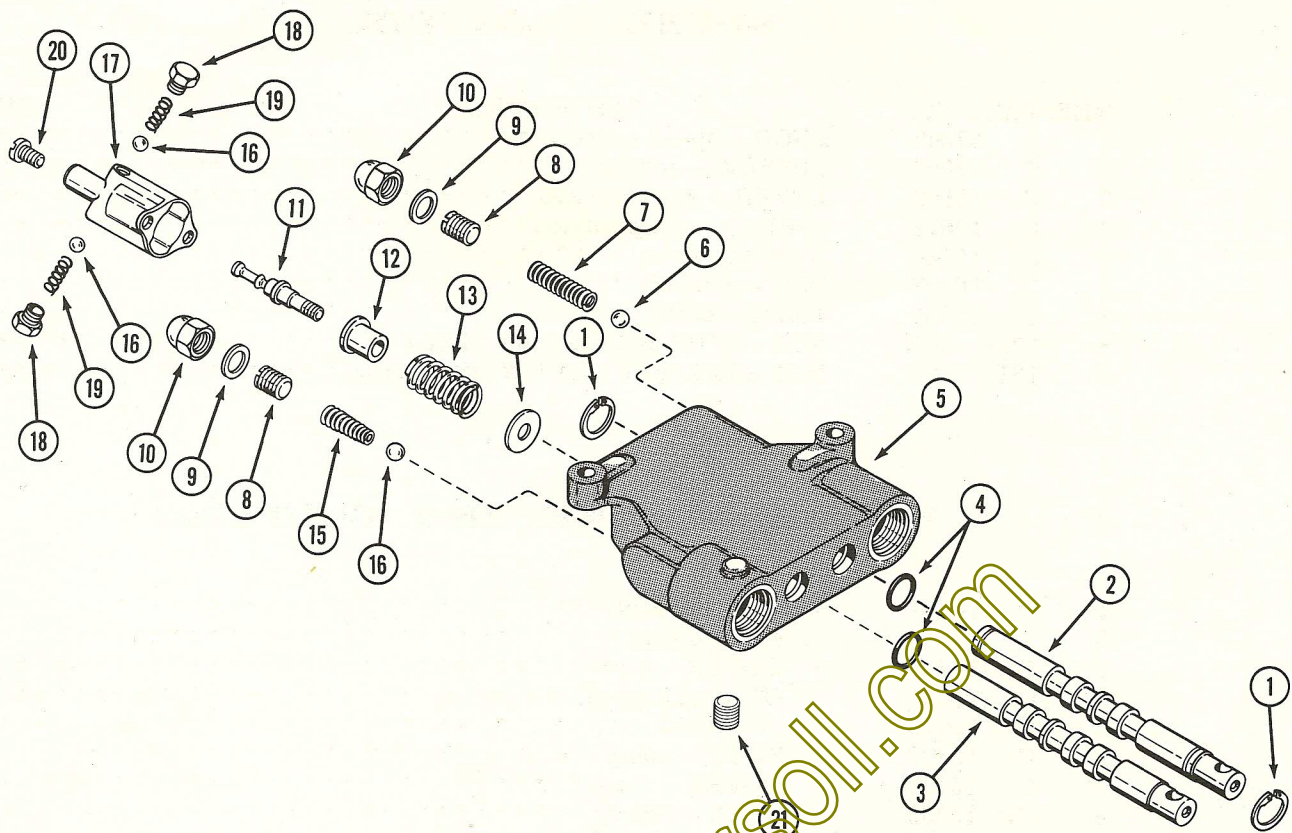


SPEED CONTROL

REF.	PART NO.	DESCRIPTION	REQ'D
1	A 37247	KNOB - speed control	1
2	C 12093	BUSHING - lever	1
3	C 16162	LEVER - speed control	1
4	C 17612	SPRING - compression	1
5	C 16730	WASHER - oilite	1
6	C 16412	ROD - control	1
7	C 16683	JOINT - ball	1
8	129- 102	NUT - 5/16" NC hex, zinc plated	2
9	131- 176	NUT - lock 5/16" NC hex, zinc plated	1

HYDRAULIC PUMP AND COUPLING

1	C 15481	PUMP - hydraulic	1
2	C 15729	PIN - dowel	2
3	C 15730	COVER - rear	1
4	C 15731	GEAR ASSEMBLY - driven	1
5	C 15732	"O" RING	2
6	C 15733	BODY - pump	1
7	C 15734	COVER - front	1
8	C 15735	SEAL - rotary	1
9	C 15736	GEAR ASSEMBLY - drive	1
10	C 15737	PLATE - wear	1
11	C 15738	SHIELD - heat	1
12	C 15739	GASKET	1
13	C 15740	SEAL	1
14	C 15741	BOLT	4
15	126- 111	KEY - 1/8 x 5/8" Woodruff	1
16	C 15726	COUPLING - pump (220, 222 & 442)	1
16	C 17298	COUPLING - pump (444)	1
17	NSS	HUB - (order item 16)	1
18	NSS	HUB - (order item 16)	1
19	A 70112	SPIDER - (for C15726 coupling)	1
19	C 15036	SPIDER - (for C17298 coupling)	1
20	83- 55	SCREW - set 5/16 x 5/16" NC socket head	2

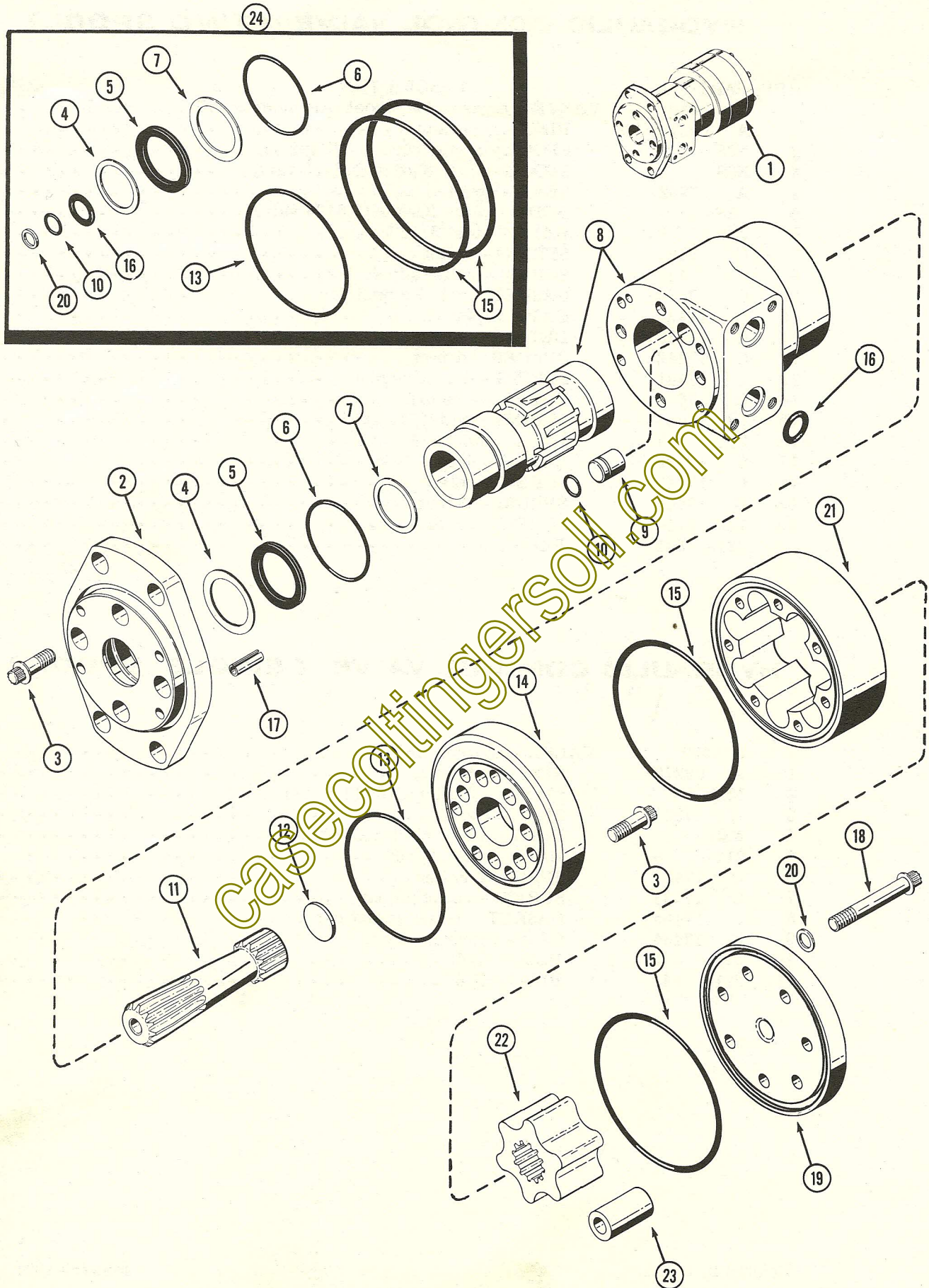


HYDRAULIC CONTROL VALVE (TWO SPOOL)

REF.	PART NO.	DESCRIPTION	REQ'D
	C 16493	VALVE - control, two spool (All models with hydraulic lift)	1
1	A 60273	RING - retaining	2
2	NSS	SPOOL - motor (Order C16493 valve)	1
3	NSS	SPOOL - float (Order C16493 valve)	1
4	A 7982	SEAL - spool	4
5	NSS	BODY - valve (Order C16493 valve)	1
6	211- 9	BALL - steel 5/16"	1
7	C 17432	SPRING - relief	2
8	C 17433	SCREW - relief adjust	2
9	C 17435	GASKET - relief adjust cap	2
10	C 17434	CAP - adjust screw	2
11	C 17439	DETENT - spool	1
12	C 17442	SPACER - detent	1
13	C 17441	SPRING - detent return	1
14	C 17440	WASHER - return	1
15	C 17445	SPRING - relief, tapered	1
16	211- 7	BALL - steel 1/4"	3
17	C 17438	COVER - detent	1
18	C 17443	SCREW - detent	2
19	C 17444	SPRING - detent	2
20	169- 114	SCREW - cover	2
21	221- 841	PLUG - pipe	1

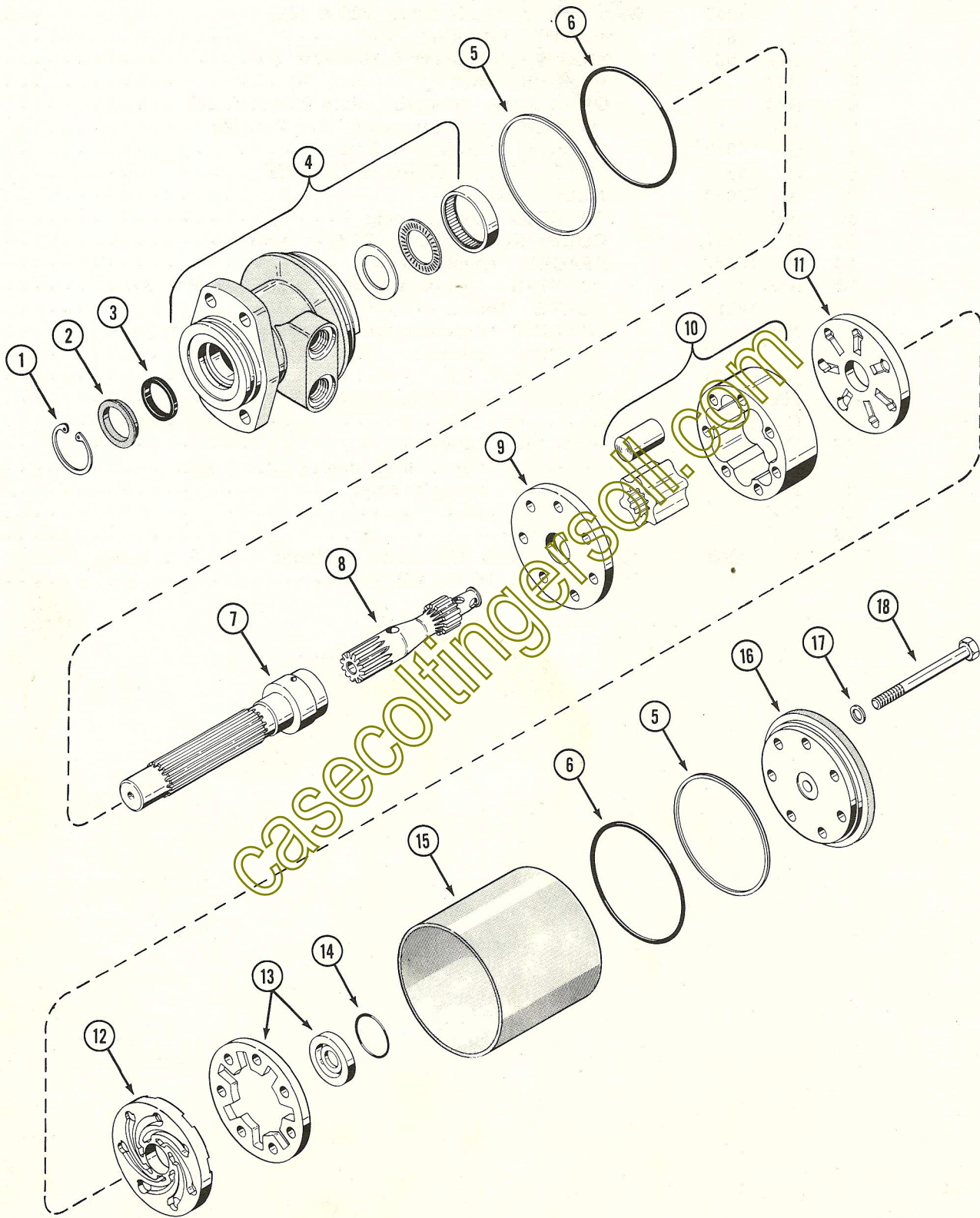
HYDRAULIC CONTROL VALVE (SINGLE SPOOL)

	C16492	VALVE - control, single spool	1
1	A 60273	RING - retaining	2
2	NSS	SPOOL - (Order C16492 valve)	1
3	A 7982	SEAL - spool	2
4	NSS	BODY - valve (Order C16492)	1
5	211- 9	BALL - steel 5/16"	1
6	C 17432	SPRING - relief	1
7	C 17433	SCREW - relief adjust	1
8	C 17435	GASKET - relief adjust cap	1
9	C 17434	CAP - adjust screw	1
10	221- 841	PLUG - 1/4"	3
11	221- 843	PLUG - 3/8"	2



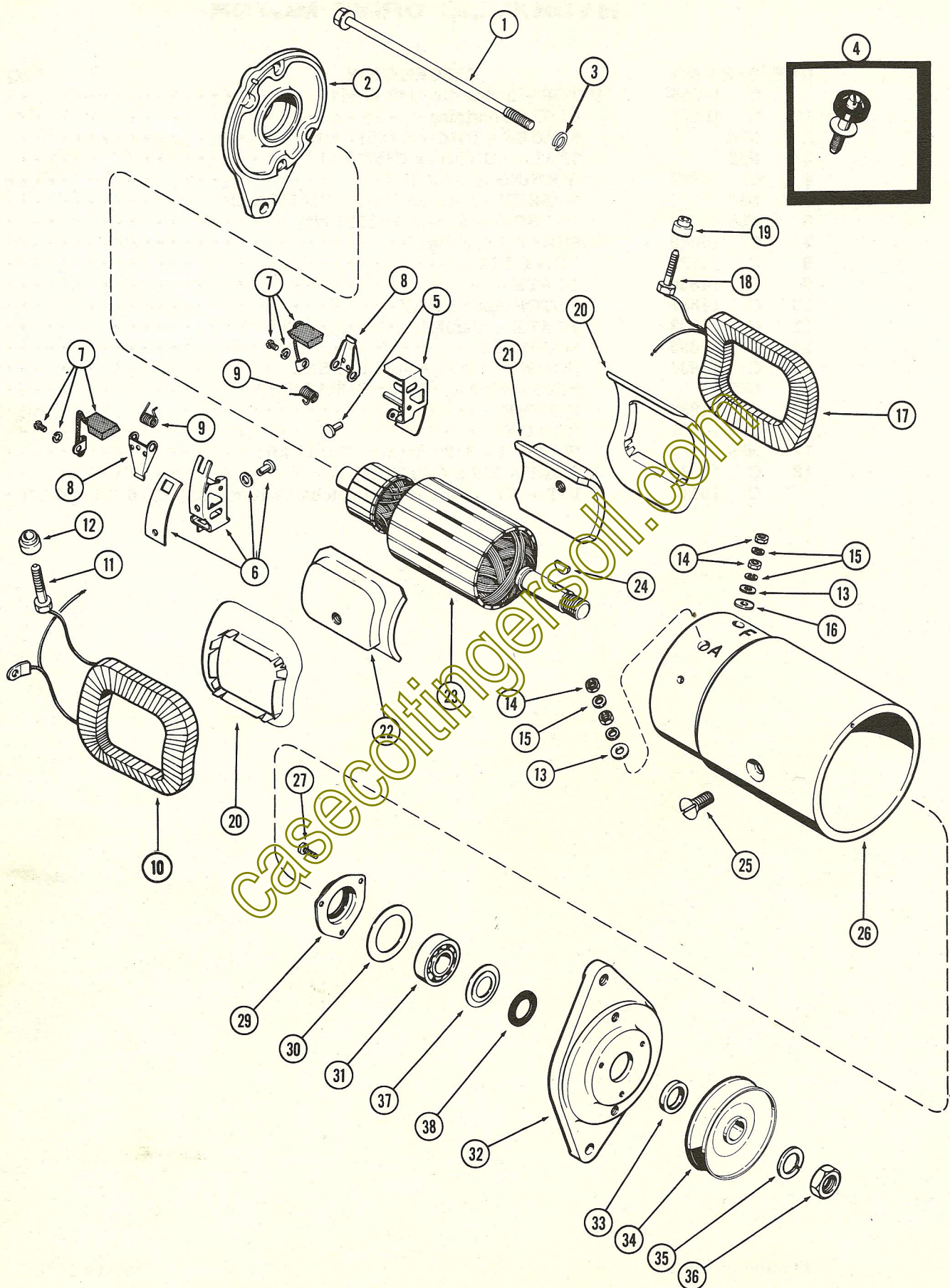
HYDRAULIC DRIVE MOTOR

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 13047	MOTOR - hydraulic drive (220 & 222)	1
2	C 14816	PLATE - mounting	1
3	166- 524	SCREW - cap, ferry 5/16 x 7/8" NF	11
4	NSS	WASHER - back up (See Ref. 24)	1
5	NSS	QUAD RING - mounting plate (See Ref. 24)	1
6	NSS	"O" RING - mounting plate (See Ref. 24)	1
7	C 14817	WASHER - thrust (See Ref. 24)	1
8	C 14818	SHAFT AND HOUSING ASSEMBLY	1
9	A 72034	PLUG - housing	1
10	NSS	"O" RING - housing plug	1
11	C 14819	COUPLING - drive for C13047 motor	1
12	C 13962	SPACER - coupling	1
13	NSS	"O" RING - housing to spacer plate (See Ref. 24)	1
14	C 14784	PLATE - spacer	1
15	NSS	"O" RING - spacer plate to geroler (See Ref. 24)	2
16	A 27410	"O" RING - housing	2
17	138- 134	PIN - roll 1/4 x 1"	4
18	166- 535	SCREW - cap, end 5/16 x 2-1/8" NF	7
19	C 14783	CAP - end	1
20	C 14301	WASHER - end cap	7
	C 14822	KIT - geroler (For C13047 motor) (220 & 222)	1
21	NSS	HOUSING - roller geroler	1
22	NSS	GEROLER	1
23	NSS	ROLLER	6
24	C 14826	KIT - "O" RING AND SEAL (Includes items 4, 5, 6, 7, 10, 13, 15, 16 and 20)	1



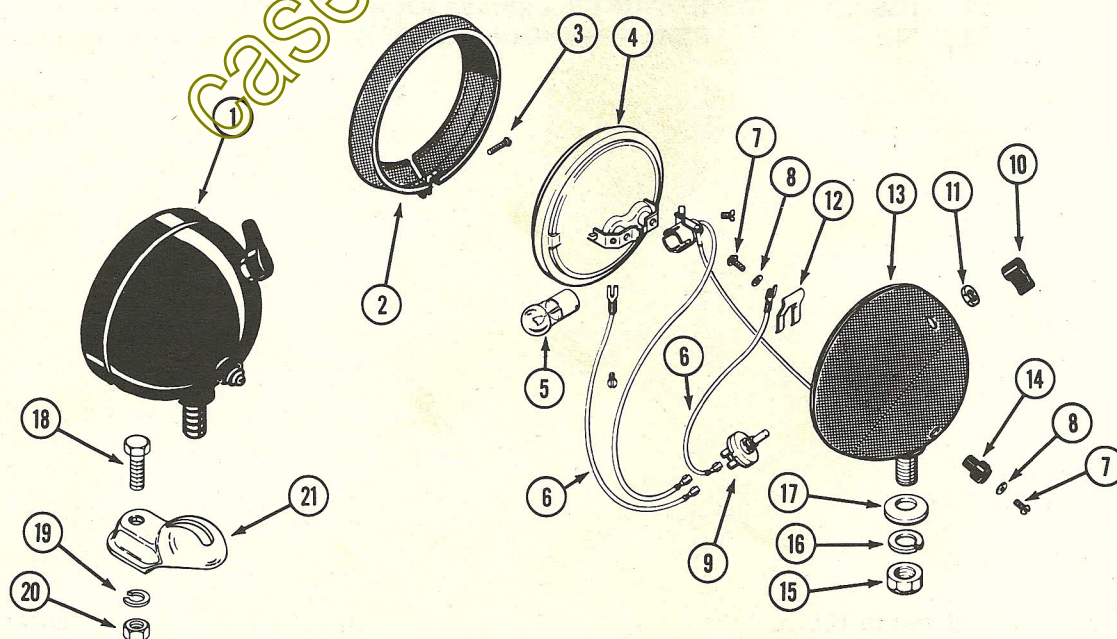
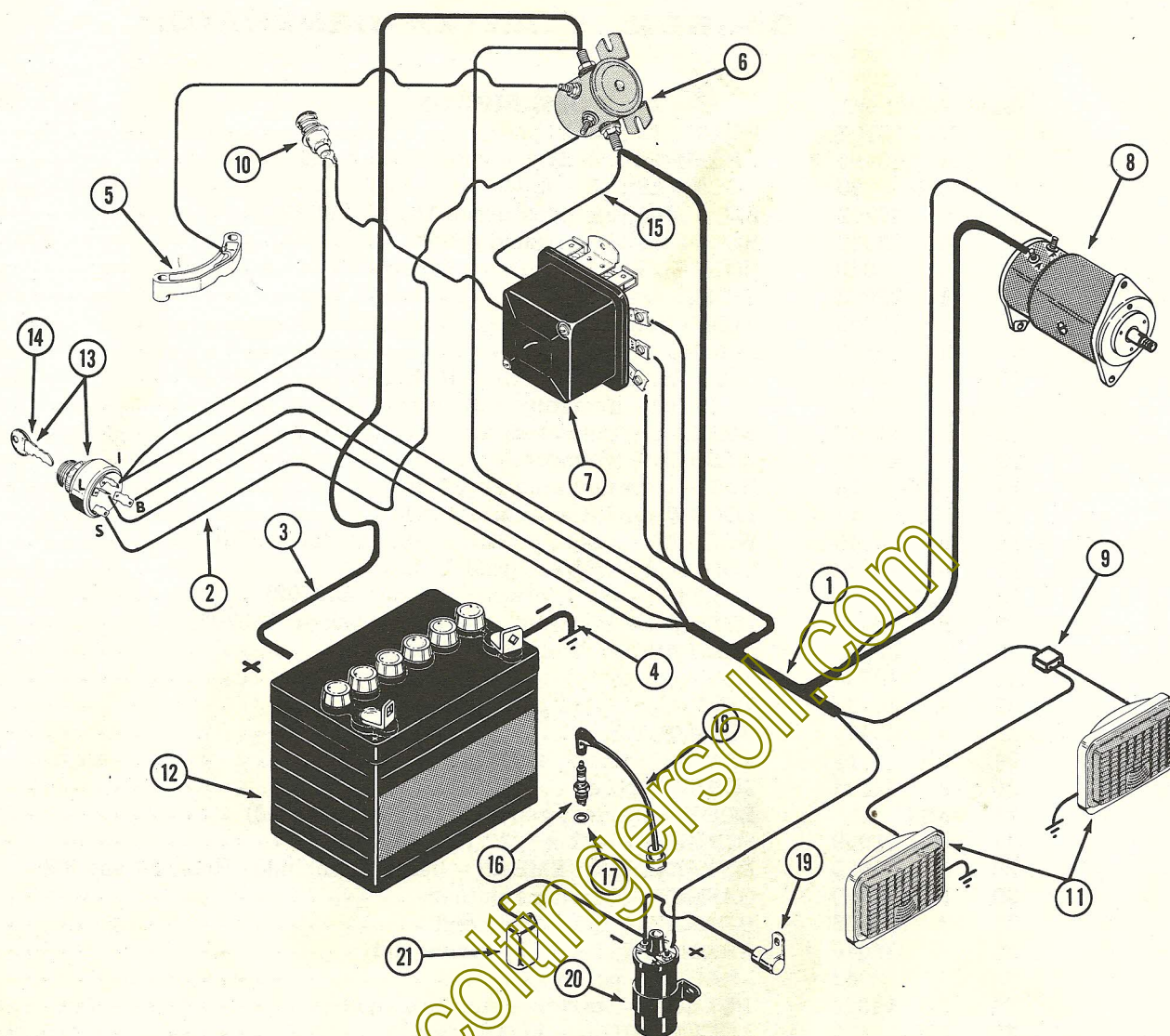
HYDRAULIC DRIVE MOTOR

REF.	PART NO.	DESCRIPTION	REQ'D
	C 14655	MOTOR - hydraulic (442 & 444)	1
1	C 16516	RING - retaining	1
2	NSS	SPACER - (Order C16517 kit)	1
3	NSS	SEAL - oil (Order C16517 kit)	1
4	C 14827	HOUSING ASSEMBLY	1
5	NSS	WASHER - back up (Order C16517 kit)	2
6	NSS	"O" RING - (Order C16517 kit)	2
7	C 14828	SHAFT - coupling	1
8	C 14829	DRIVE LINK	1
9	C 14830	PLATE - wear	1
10	C 14831	ROTOR ASSEMBLY	1
11	C 14832	PLATE - manifold	1
12	C 14833	MANIFOLD	1
13	C 14834	COMMUTATOR AND RING SET	1
14	NSS	RING - sealing (Order C16517 kit)	1
15	C 14836	SLEEVE	1
16	C 14837	END CAP	1
17	NSS	WASHER - 3/8" (Order C16517 kit)	7
18	C 14838	BOLT - 3/8 x 4-3/8" NC hex	7
	C 16517	KIT - "O" ring and seal (Includes items 2, 3, 5, 6, 14 and 17) ..	1



C16852 STARTER-GENERATOR

REF.	PART NO.	DESCRIPTION	REQ'D
1	R 15106	BOLT - through	2
2	A 43494	FRAME ASSEMBLY - commutator end	1
3	192- 20	LOCKWASHER - 5/16"	2
4	A 40702	KIT - stud (Includes items 16, 18 and 19)	1
5	A 72039	HOLDER KIT - ground brush	1
6	A 72040	HOLDER KIT - insulated brush	1
7	A 72038	BRUSH ASSEMBLY	2
8	R 15090	ARM - brush pressure	2
9	R 16161	SPRING - brush arm	2
10	A 72042	COIL ASSEMBLY - 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	129- 18	NUT - terminal stud 12-24 hex	4
15	192- 17	LOCKWASHER - terminal stud #12	4
16	R 16148	WASHER - insulated, field stud (Order A40702)	1
17	A 72043	COIL ASSEMBLY - field L. H.	1
18	NSS	STUD - field terminal (Order A40702)	1
19	R 15077	BUSHING - insulated, field stud (Order A40702)	1
20	A 25447	INSULATOR - field coil	2
21	A 40736	SHOE - pole	1
22	A 40736	SHOE - pole	1
23	A 43495	ARMATURE	1
24	126- 111	KEY - Woodruff, armature	1
25	A 42127	SCREW - pole	2
26	NSS	BODY - starter, generator (Order C16852)	1
27	A 41959	SCREW - 10-32 x 1/2" round head	3
29	A 72050	RETAINER ASSEMBLY - bearing (Includes Refs. 37 and 38)	1
30	R 16170	GASKET - bearing retainer	1
31	A 43356	BEARING - ball, drive end	1
32	A 72046	FRAME ASSEMBLY - drive end	1
33	A 72047	SPACER - pulley	1
34	C 14344	PULLEY - starter, generator drive	1
35	192- 116	LOCKWASHER - 11/16" plated	1
36	A 25546	NUT - armature shaft, drive end	1
37	NSS	RETAINER - grease (Order A72050)	1
38	NSS	SEAL - felt (Order A72050)	1

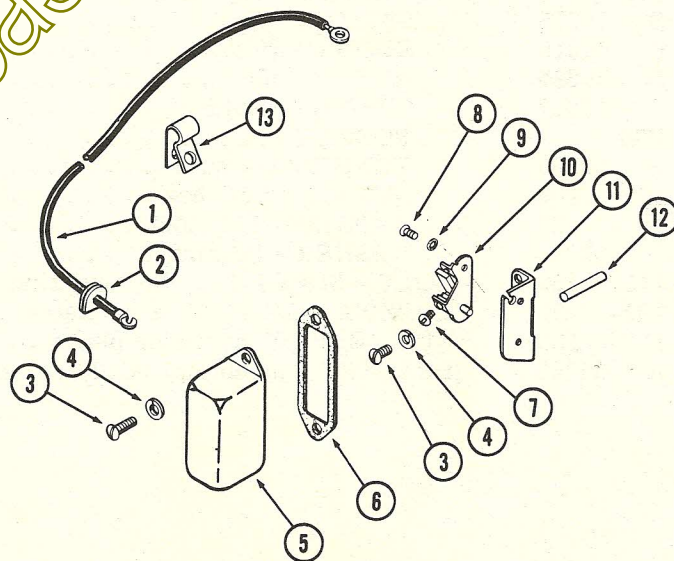
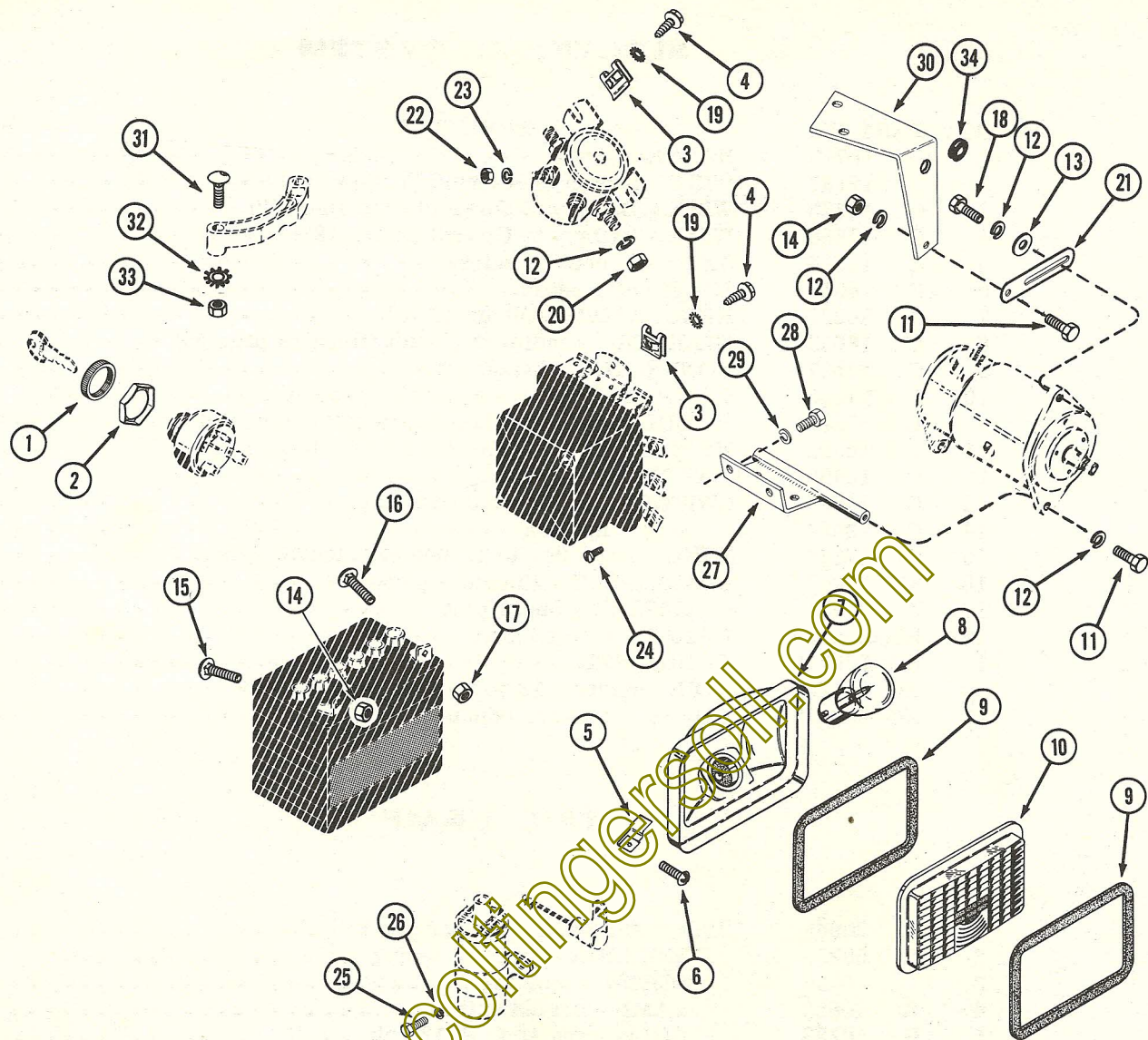


ELECTRICAL SYSTEM

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 16710	HARNESS - wire	1
2	C 17187	WIRE - Switch to Solenoid (Yellow 16")	1
3	C 14565	WIRE - Battery to Solenoid (Red 10-1/2")	1
4	C 14566	WIRE - Battery to Ground (Black 12")	1
5	C 14515	SWITCH - neutral safety	1
6	C 14553	SOLENOID - start	1
7	A 70221	REGULATOR - voltage 12 volt	1
8	C 16852	STARTER - generator 12 volt (Repairs page 59)	1
9	C 14537	CONNECTOR - headlamp	1
10	C 17186	LAMP ASSEMBLY - generator indicator	1
	B 50213	BULB - warning lamp, generator indicator (red)	1
11	C 14302	HEADLAMP ASSEMBLY - 12 volt (Repairs page 63)	2
12	C 10458	BATTERY - 12 volt	1
13	C 14576	SWITCH - ignition (Includes key)	1
14	C 12684	KEY - ignition	1
15	C 17275	WIRE - regulator to ground to solenoid (White 7")	1
16	M 20007	SPARK PLUG - (Includes gasket)	1
17	A 27251	GASKET - spark plug	1
18	KOA235095	CABLE - high tension	1
19	KO 230722	CONDENSER	1
20	KO 231281	COIL - ignition 12 volt	1
21	KO 232535	COVER - breaker contact	1

TAIL LAMP

1	A 20965	LAMP ASSEMBLY - flood and tail	1
2	B 50255	MOLDING - lamp retaining	1
3	10934	SCREW - molding	1
4	A 40855	LAMP - sealed unit	1
5	B 50223	BULB - red 15 C.P. 12 volt	1
6	B 50273	WIRE - switch	2
7	173- 73	SCREW - wire	2
8	193- 4	WASHER - 1/4" lock	2
9	B 50275	SWITCH	1
10	B 50310	KNOB - switch	1
11	B 50224	NUT - switch	1
12	10927	SPRING - terminal	1
13	NSS	BODY	1
14	B 50293	TERMINAL - wire	1
15	129- 105	NUT - 1/2" NC hex	1
16	192- 23	WASHER - 1/2" lock	1
17	10923	WASHER - bearing	1
18	113- 209	BOLT - 3/8 x 1-1/2" NC hex, zinc plated	1
19	192- 21	LOCKWASHER - 3/8" zinc plated	1
20	129- 103	NUT - 3/8" NC hex, zinc plated	1
21	A 34046	BRACKET - mounting, tail lamp	1



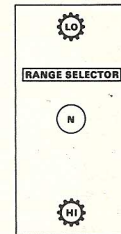
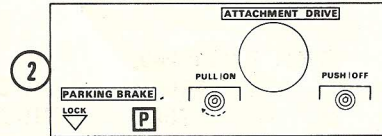
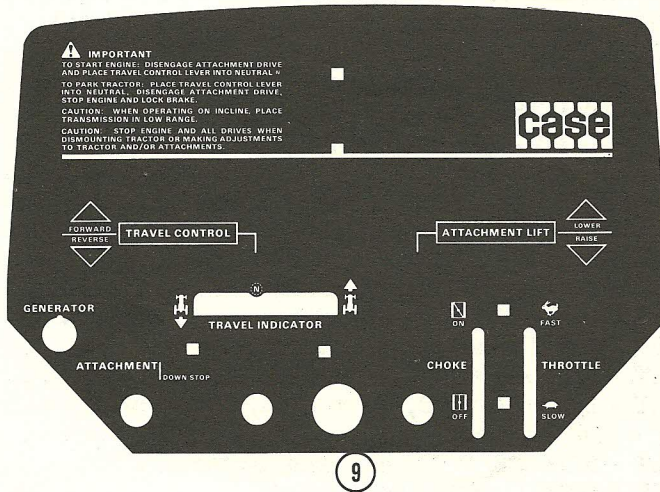
ELECTRICAL SYSTEM HARDWARE

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 14060	NUT - back up 3/4"	1
2	C 12683	NUT - escutcheon 3/4"	1
3	C 10836	NUT - speed type "U"	4
4	187- 485	SCREW - #10 x 5/8" Self-Tapping Hex, Zinc Plated	4
5	131- 629	NUT - speed type "U"	4
6	187- 1047	SCREW - #8 x 1/2" Self-Tapping round head, Phillips	4
	C 14302	HEADLAMP ASSEMBLY	2
7	NSS	RECEPTACLE - headlamp (Order C14302)	1
8	C 14305	BULB - headlamp	1
9	C 14304	GASKET - headlamp	2
10	C 14303	LENS - headlamp	1
11	113- 103	BOLT - 5/16 x 1" NC hex, zinc plated	2
12	192- 20	LOCKWASHER - 5/16" zinc plated	5
13	195- 520	WASHER - 5/16" plain, zinc plated	1
14	129- 102	NUT - 5/16" NC hex, zinc plated	2
15	111- 202	BOLT - 5/16 x 3/4" NC, round head, square neck	1
16	111- 108	BOLT - 1/4 x 3/4" NC, round head, square neck	1
17	129- 101	NUT - 1/4" NC hex	1
18	113- 102	BOLT - 5/16 x 3/4" NC hex, zinc plated	1
19	193- 70	LOCKWASHER - #10 external tooth	2
20	129- 122	NUT - 5/16" NF hex	2
21	C 14599	BRACKET - starter generator adjust	1
22	129- 27	NUT - #10 NF hex	2
23	192- 18	LOCKWASHER - #10	2
24	169- 131	SCREW - #8 x 5/16" NC fillister head	3
25	113- 1	BOLT - 1/4 x 1 1/2" NC hex, zinc plated	2
26	192- 19	LOCKWASHER - 1/4" zinc plated	2
27	C 14204	SUPPORT - starter generator	1
28	13- 612	BOLT - 3/8 x 3/4" NC hex	2
29	92- 6	LOCKWASHER - 3/8"	2
30	C 14229	SUPPORT - starter generator adjust	1
31	111- 131	BOLT - 1/4 x 1-1/8" NC round head, square neck	2
32	193- 57	LOCKWASHER - 1/4" external tooth	2
33	129- 101	NUT - 1/4" NC hex	2
34	C 17546	GROMMET - wire	1

BREAKER CONTACTS

1	KOA231533	LEAD - breaker contact (Includes grommet)	1
2	KO 220297	GROMMET - contact lead	1
3	173- 210	SCREW - #10 x 3/8" round head, zinc plated	4
4	192- 18	LOCKWASHER - 3/16" zinc plated	4
5	KO 232535	COVER - breaker contact	1
6	KO 220174	GASKET - cover	1
7	187- 408	SCREW - #6 x 3/8" Self-Tapping	1
8	173- 224	SCREW - #8 x 1/4" NC round head	1
9	193- 5	LOCKWASHER - #8 internal tooth	1
10	KO 220475	POINT SET - breaker contact	1
11	KO 220476	BRACKET - breaker contact	1
12	KOX 389-1	ROD - breaker contact push	1
13	KO 275182	CLIP - wire	1

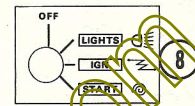
Case¹



GASOLINE ONLY ³

HYDRAULIC RESERVOIR OIL ONLY ⁴

FLOAT ⁶



FED C B A ⁷

Case ^{10 11} hydraulic drive **220**

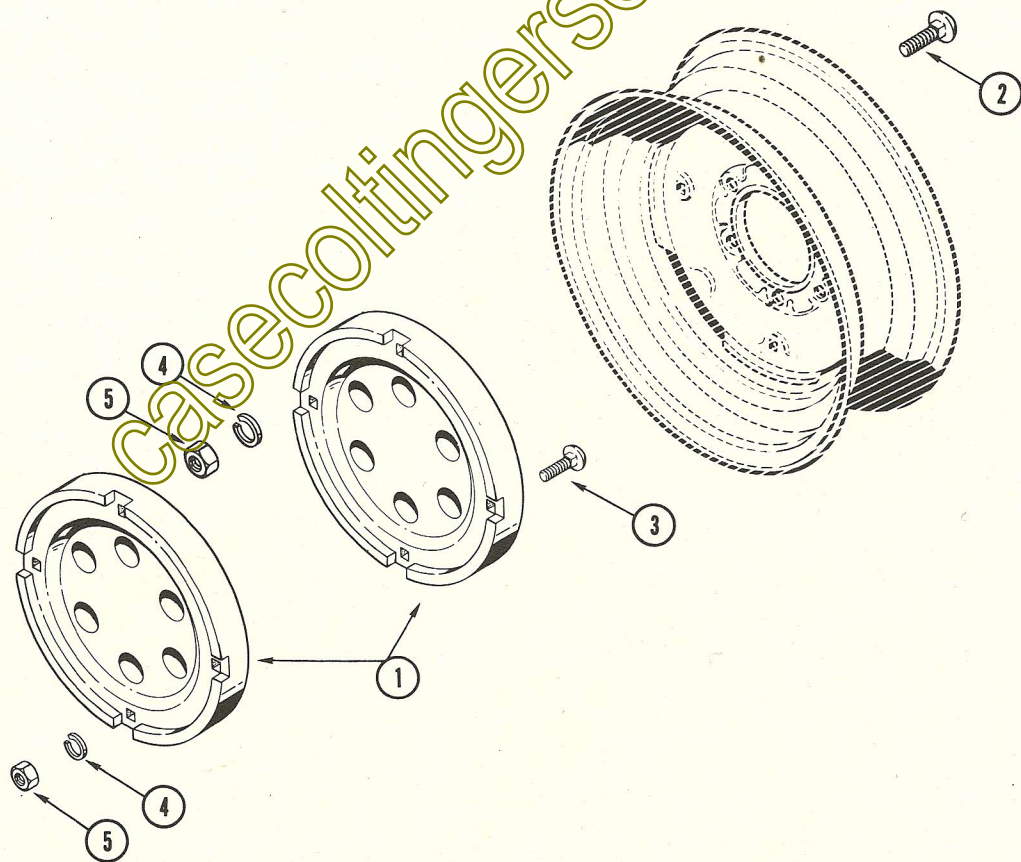
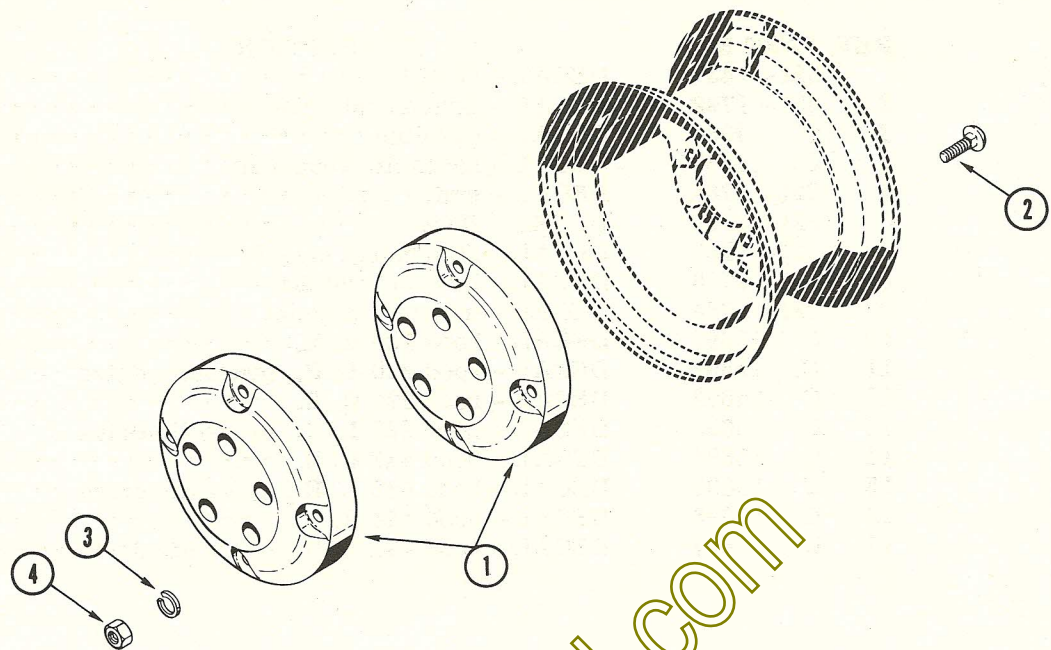
Case ^{12 13} hydraulic drive **222**

Case ^{14 15} hydraulic drive **442**

Case ^{16 17} hydraulic drive **444**

DECALS

REF.	PART NO.	DESCRIPTION	REQ'D
1	321- 1437	DECAL - "CASE"	1
2	321- 1792	DECAL - attachment drive	1
3	C 14066	DECAL - gasoline	1
4	C 14539	DECAL - hydraulic reservoir	1
5	321- 1788	DECAL - shift range	1
6	321- 1785	DECAL - float	1
7	321- 1789	DECAL - attachment height	1
8	321- 1786	DECAL - ignition switch	1
9	321- 1784	DECAL - instrument panel	1
10	C 15690	DECAL - hood 220 R. H.	1
11	C 15691	DECAL - hood 220 L. H., hydraulic drive	1
12	C 15692	DECAL - hood 222 R. H.	1
13	C 15693	DECAL - hood 222 L. H., hydraulic drive	1
14	C 15694	DECAL - hood 442 R. H.	1
15	C 15695	DECAL - hood 442 L. H., hydraulic drive	1
16	C 15696	DECAL - hood 444 R. H.	1
17	C 15697	DECAL - hood 444 L. H., hydraulic drive	1

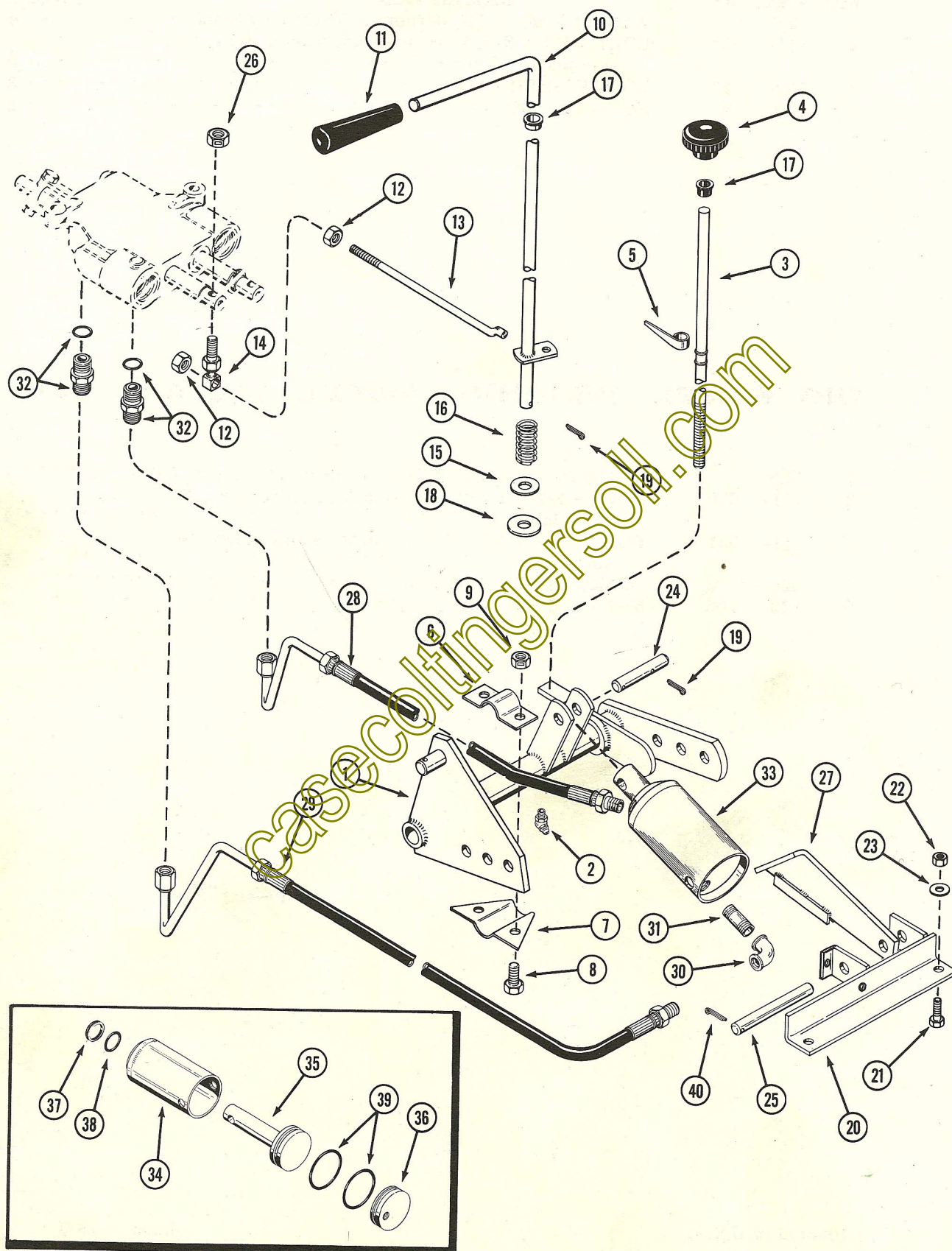


D8 WHEEL WEIGHTS - MODEL 220 AND 222

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" round head, square neck, NC, zinc plated	8
3	192- 23	LOCKWASHER - 1/2" zinc plated	8
4	129- 105	NUT - 1/2" NC hex	8

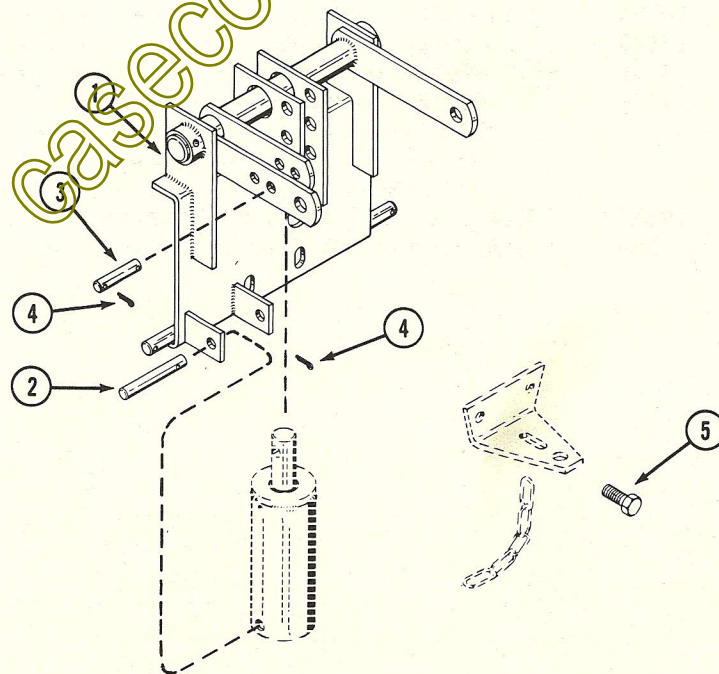
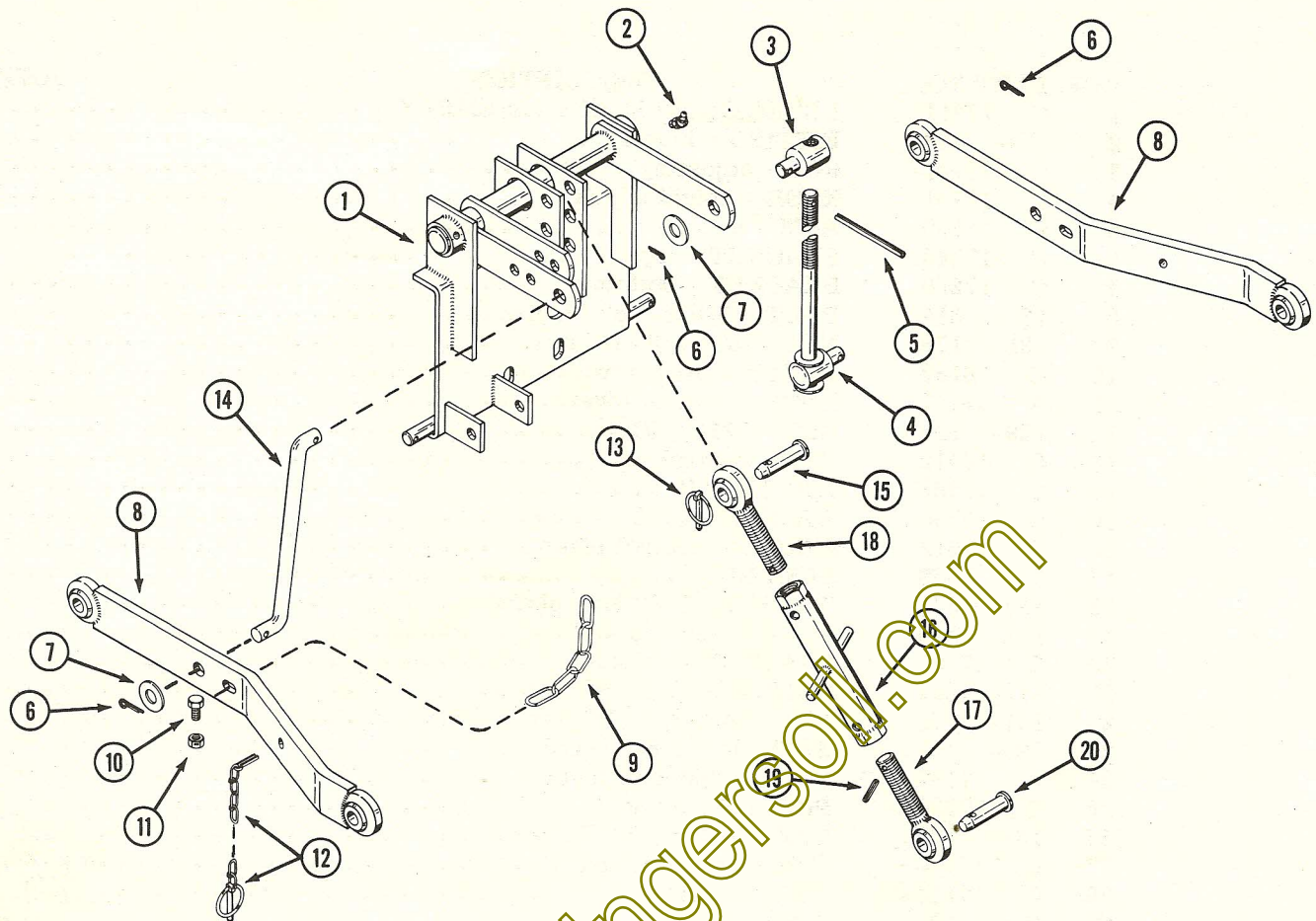
D10 WHEEL WEIGHTS - MODEL 442 AND 444

1	NSS	WEIGHT - wheel 15" & 16" (Order as Machinery Item)	4
2	111- 530	BOLT - 1/2 x 2-1/2" round head, square neck, NC, zinc plated	4
3	111- 531	BOLT - 1/2 x 2-3/4" round head, square neck, NC, zinc plated	4
4	92- 8	LOCKWASHER - 1/2" zinc plated	8
5	129- 105	NUT - 1/2" NC hex	8



MODEL H30 HYDRAULIC LIFT

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 17314	LEVER CROSS SHAFT ASSEMBLY	1
2	219- 404	FITTING - lube 45°	1
3	C 16741	ROD - adjusting	1
4	C 16751	KNOB - height adjust.	1
5	C 16750	ARM - indicator	1
6	C 17249	BRACKET - top	2
7	C 17250	BRACKET - bottom	2
8	13- 614	BOLT - 3/8 x 7/8" NC hex	4
9	131- 178	NUT - lock 3/8" NC hex	4
10	C 16163	LEVER - lift control	1
11	A 37247	KNOB - control lever	1
12	129- 102	NUT - 5/16" NC hex	2
13	C 16412	ROD - control	1
14	C 16683	JOINT - ball	1
15	C 16730	WASHER - Oilite	1
16	C 17612	SPRING - control lever	1
17	353- 462	BUSHING	2
18	195- 533	WASHER - 1/2" zinc plated	1
19	132- 310	PIN - cotter 1/8 x 1"	3
20	C 17183	BRACKET - cylinder	1
21	113- 207	BOLT - 3/8 x 1" NC hex	2
22	131- 178	NUT - lock 3/8" NC hex	2
23	195- 104	WASHER - 3/8 x 1-1/8 OD	2
24	C 17184	PIN - cylinder to lever	1
25	C 17536	PIN - cylinder foot	1
26	131- 176	NUT - lock 5/16" NC hex	1
27	C 17176	ARM - height adjust	1
28	C 17224 *	HOSE - short	1
29	C 17225	HOSE - long	1
30	221- 1375	ELBOW - 1/4 x 90°	1
31	221- 1131	NIPPLE - 1/4 x 1"	1
32	218- 5056	FITTING - valve (Includes 218-5004 "O" ring)	2
33	C 16134	CYLINDER - lift	1
34	C 16133	BODY - cylinder	1
35	C 16131	ROD AND PISTON ASSEMBLY	1
36	C 14692	FOOT - cylinder	1
37	NSS	SEAL	1
38	NSS	"O" RING	1
39	NSS	"O" RING	2
	C 17268	KIT - "O" ring and seal (Consists of items 37, 38 and 39)	1
40	132- 338	PIN - cotter 1/8 x 2-1/2"	1

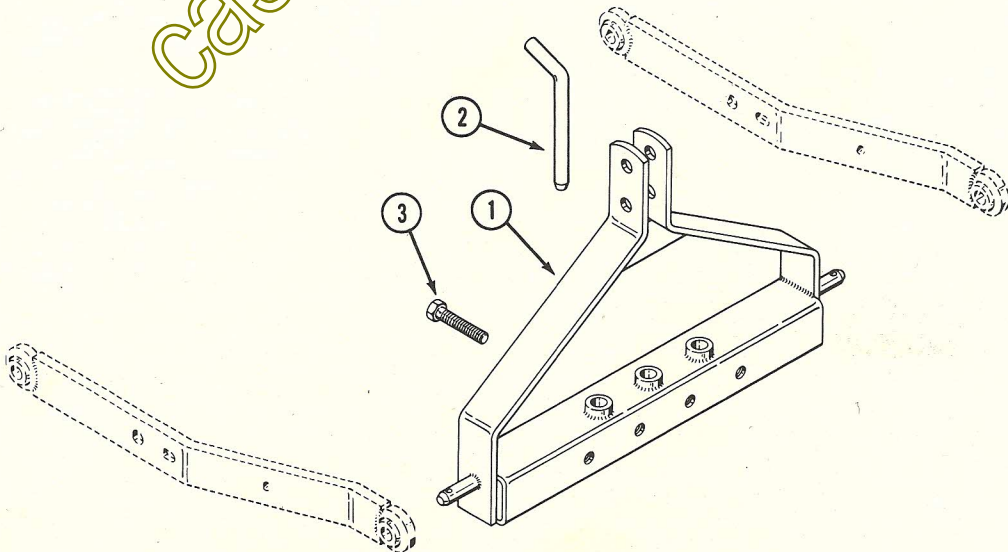
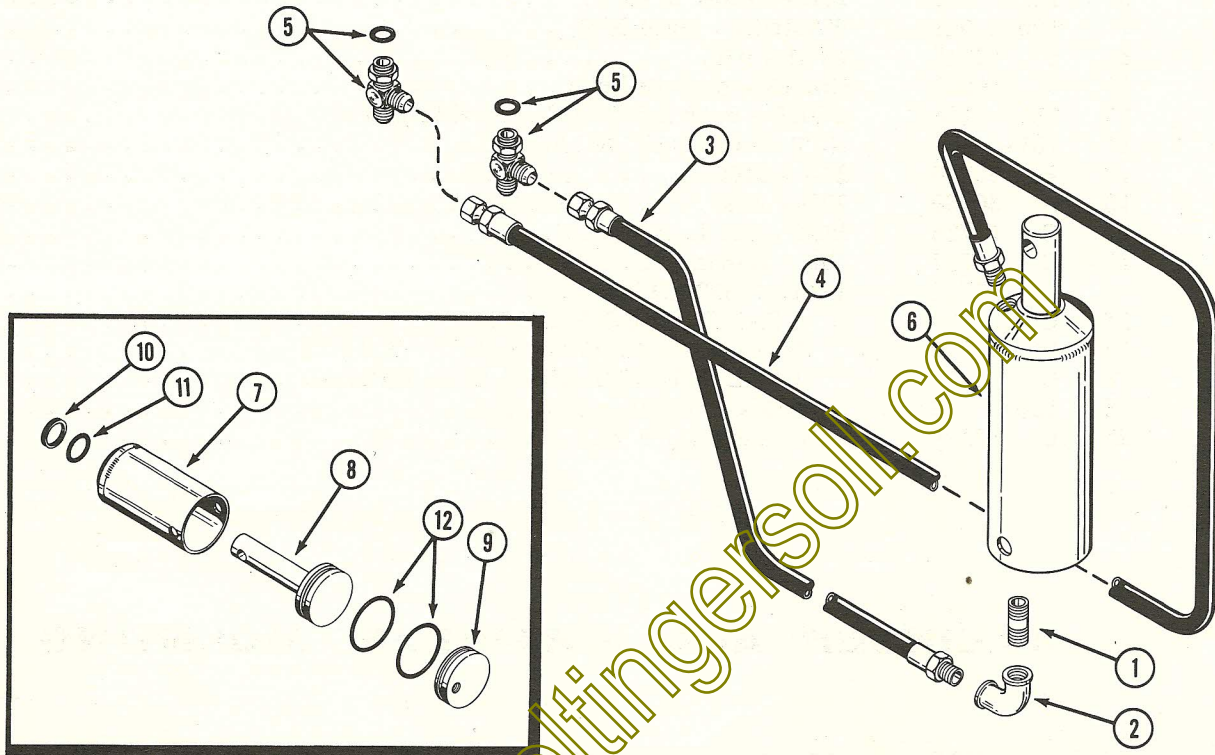


H26 THREE POINT HITCH 442 AND 444 FRAME, LIFT RODS AND ARMS

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 14977	HITCH PLATE ASSEMBLY.....	1
2	219- 405	FITTING - lube	2
3	C 14722	NUT - lift rod	1
4	C 14724	ROD ASSEMBLY - R. H. lift	1
5	138- 309	PIN - roll 1/4 x 4"	1
6	132- 91	PIN - cotter 3/16 x 1"	6
7	195- 541	WASHER - plain 5/8"	4
8	C 14715	ARM - lift	2
9	C 14991	CHAIN - stay 19 links	1
10	113- 118	BOLT - 5/16 x 5/8" NC hex, zinc plated	2
11	131- 176	NUT - lock 5/16" NC hex	2
12	B 52118	PIN - klik	2
13	A 30338	PIN - klik	3
14	C 14725	ROD - lift L. H.	1
15	C 14717	PIN - clevis	1
	C 14712	LINK ASSEMBLY	1
16	C 14703	CENTER TUBE ASSEMBLY	1
17	C 14709	BALL END ASSEMBLY R. H. THREAD	1
18	C 14710	BALL END ASSEMBLY L. H. THREAD	1
19	138- 59	PIN - roll 1/8 x 7/8"	2
20	C 16128	PIN - clevis 5/8 x 3"	1

CYLINDER AND DRAWBAR MOUNTING

1	C 14977	HITCH PLATE ASSEMBLY.....	1
2	C 14975	PIN - lower cylinder mounting	1
3	C 14976	PIN - upper cylinder mounting	1
4	132- 310	PIN - cotter 1/8 x 1"	3
5	113- 41	BOLT - 1/2 x 1-1/4" NC hex, zinc plated	2

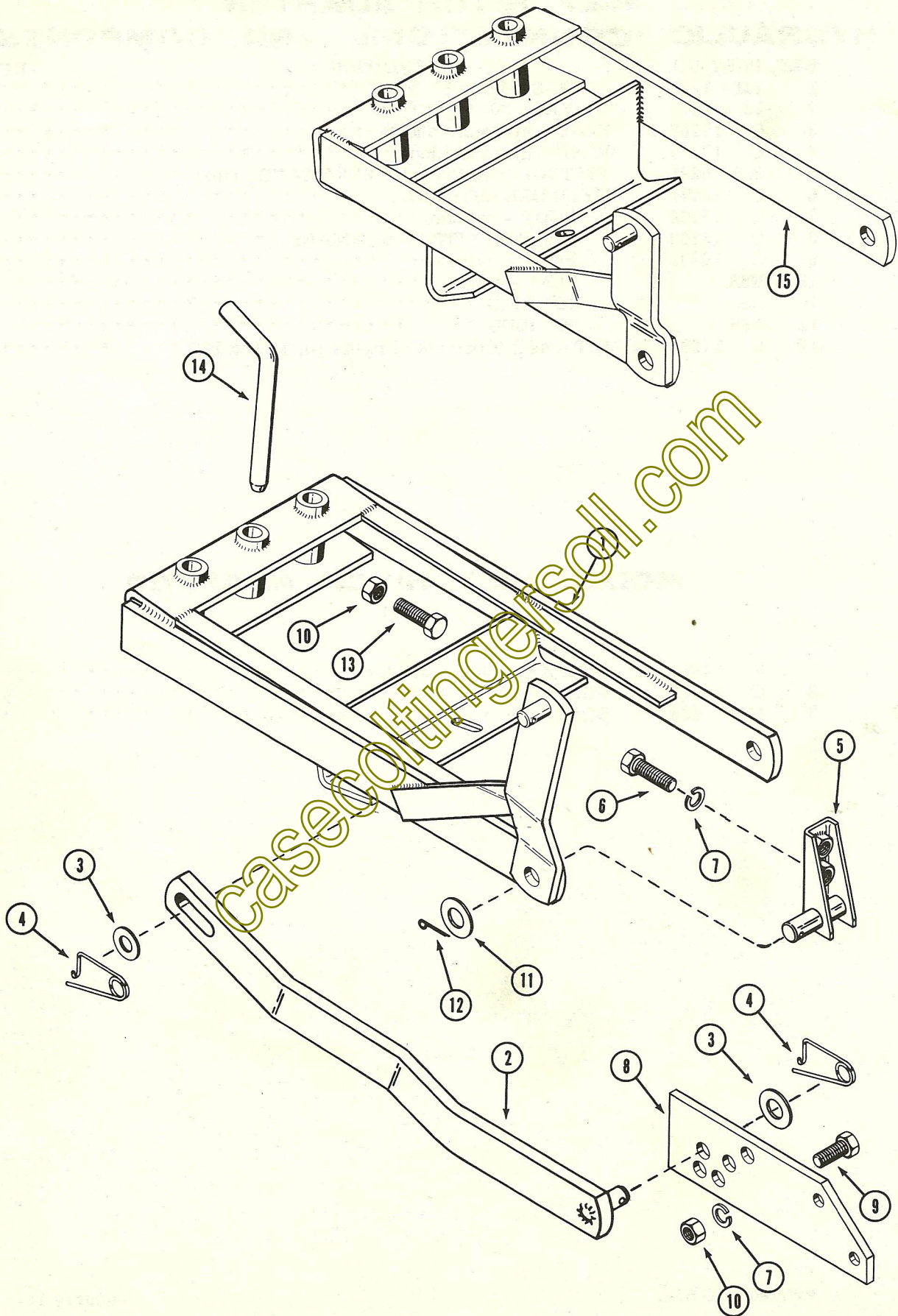


CASE 220, 222, 442 AND 444 COMPACT TRACTORS 73
MODEL H26 THREE POINT HITCH AND MODEL
H27 HITCH ADAPTER
HYDRAULIC CONNECTIONS AND COMPONENTS

REF.	PART NO.	DESCRIPTION	REQ'D
1	221- 1131	NIPPLE - 1/4 x 1"	1
2	221- 1375	ELBOW - 90°	1
3	C 17188	HOSE - hydraulic short	1
4	C 17189	HOSE - hydraulic long	1
5	218- 5291	FITTING - tee (Includes 218-5004 "O" ring)	2
6	C 15771	CYLINDER ASSEMBLY	1
7	C 15768	BODY - cylinder	1
8	C 15769	ROD AND PISTON ASSEMBLY	1
9	C 14692	FOOT - cylinder	1
10	NSS	SEAL - wiper	1
11	NSS	"O" RING	1
12	NSS	"O" RING	2
13	C 17268	KIT - seal (Consists of items 10, 11 and 12)	1

MODEL H27 HITCH ADAPTER

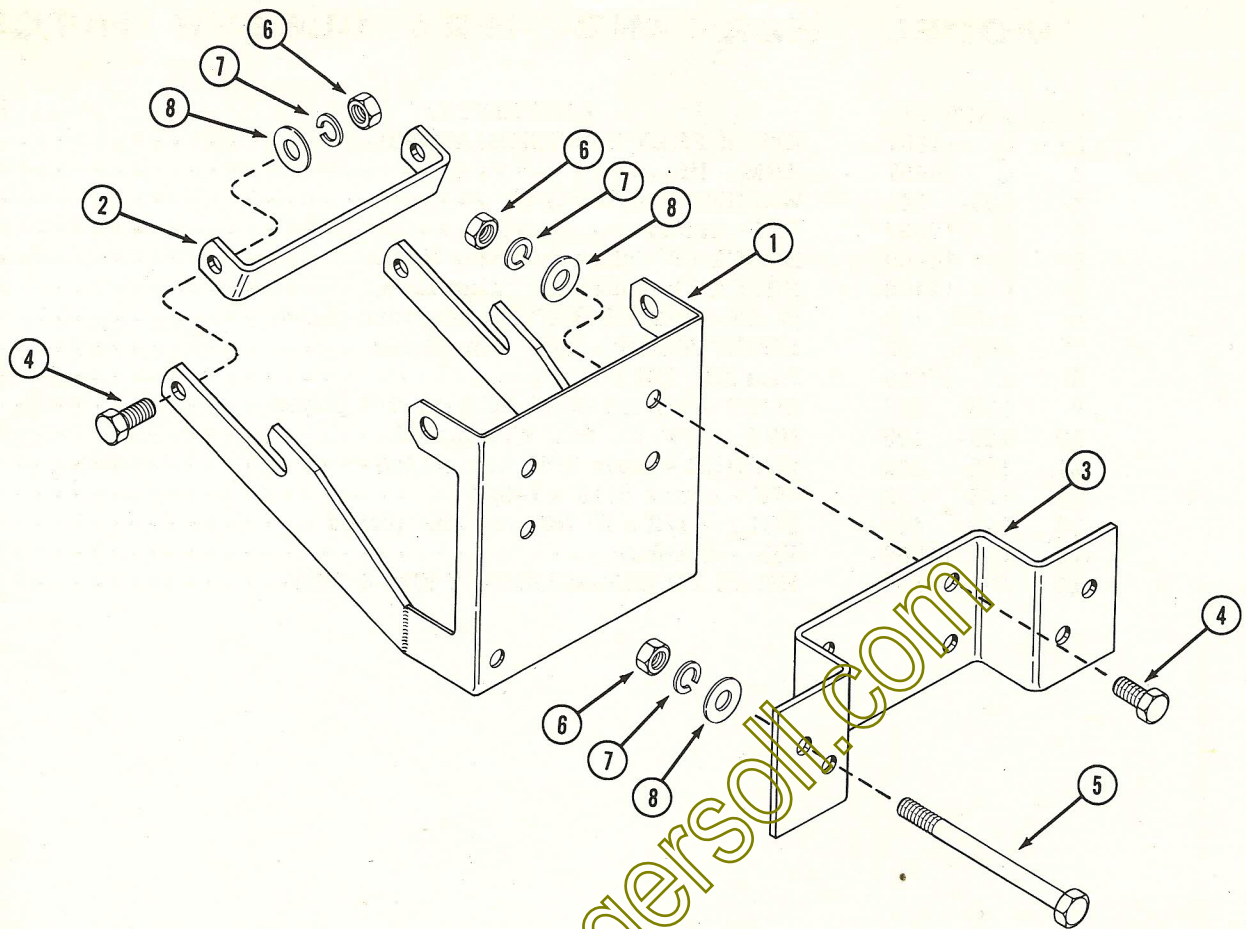
1	C 14872	BRACKET - hitch adapter	1
2	C 14568	PIN - drawbar	1
3	113- 425	BOLT - 1/2 x 3" NC hex, zinc plated	4



MODEL H22 AND H24 SLEEVE HITCH

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 14867	HITCH FRAME ASSEMBLY (442)	1
2	C 14457	ARM - lift	1
3	195- 541	WASHER - plain 21/32"	2
4	C 10898	PIN - safety	2
5	C 14459	BRACKET - hitch mounting R. H.	1
5	C 14460	BRACKET - hitch mounting L. H.	1
6	113- 412	BOLT - 1/2 x 1-3/4" NC hex, zinc plated	4
7	192- 23	LOCKWASHER - 1/2" zinc plated	6
8	C 17219	PLATE - lift lever	1
9	113- 417	BOLT - 1/2 x 1-1/4" NC hex, zinc plated	2
10	129- 105	NUT - 1/2" NC hex, zinc plated	4
11	195- 545	WASHER - plain 3/4" zinc plated	2
12	132- 306	PIN - cotter 3/16 x 1-3/4"	2
13	113- 421	BOLT - 1/2 x 2" NC hex, zinc plated	2
14	C 14568	PIN - drawbar	1
15	C 14866	HITCH FRAME ASSEMBLY (220 & 222)	1

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MODEL H18 FRONT END WEIGHT BRACKETS

REF.	PART NO.	DESCRIPTION	REQ'D
1	C 16581	BRACKET - mounting	1
2	C 17161	BRACE - rear	1
3	C 17162	BRACKET - weight mounting	1
4	113- 433	BOLT - 1/2 x 3/4" NC hex, zinc plated	6
5	113- 443	BOLT - 1/2 x 6--1/2" NC hex	2
6	25- 108	NUT - 1/2" NC hex, zinc plated	8
7	192- 23	LOCKWASHER - 1/2"	8
8	195- 533	WASHER - 1/2" zinc plated	8

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