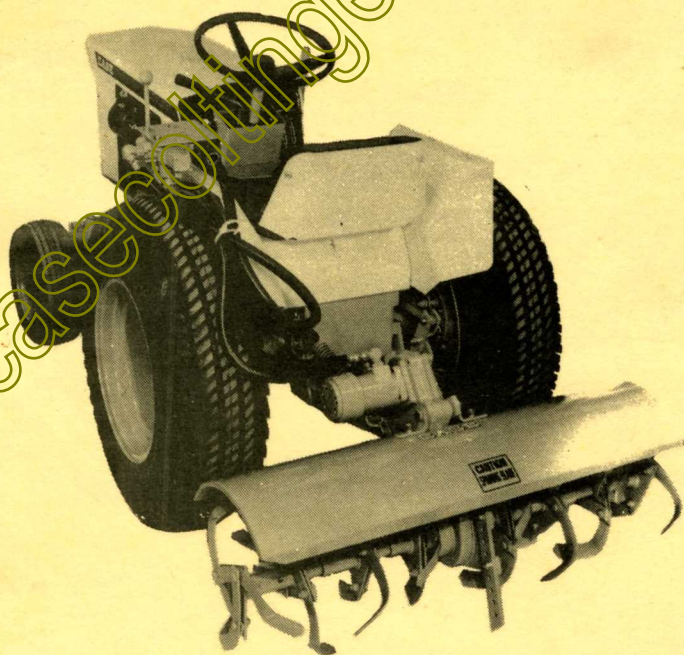


PARTS CATALOG NO 1106

CASE

MODEL E-70 ROTARY TILLER
FOR
CASE GARDEN TRACTORS

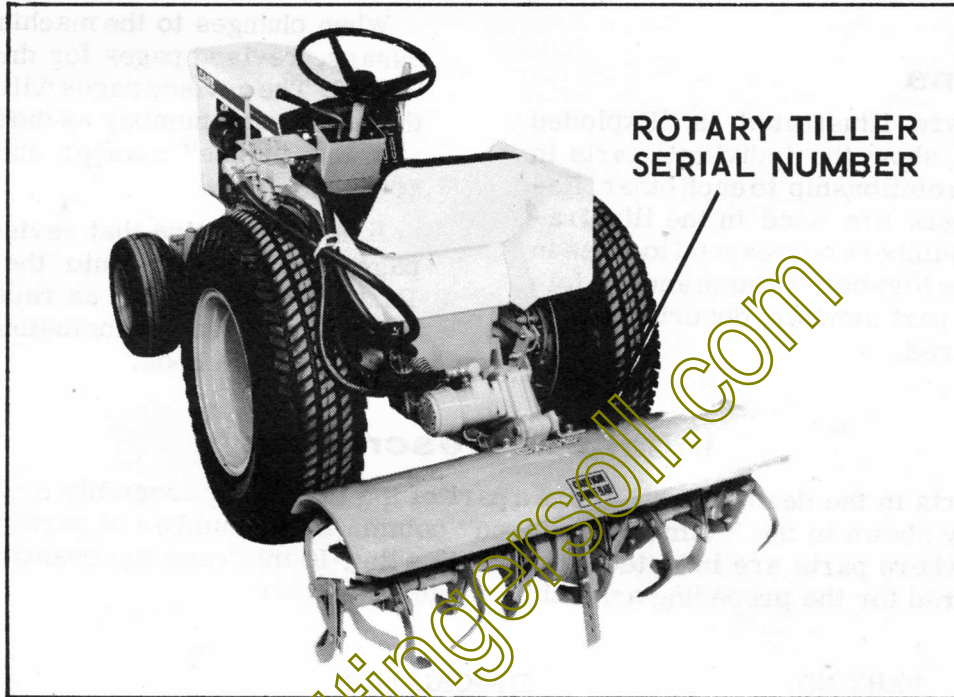


PRICE 75¢



J. I. CASE COMPANY
Racine, Wisconsin, U.S.A.

E-70 ROTARY TILLER



DESIGNATION	TRACTOR APPLICATION	
	155	195
E-70	X	X

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.

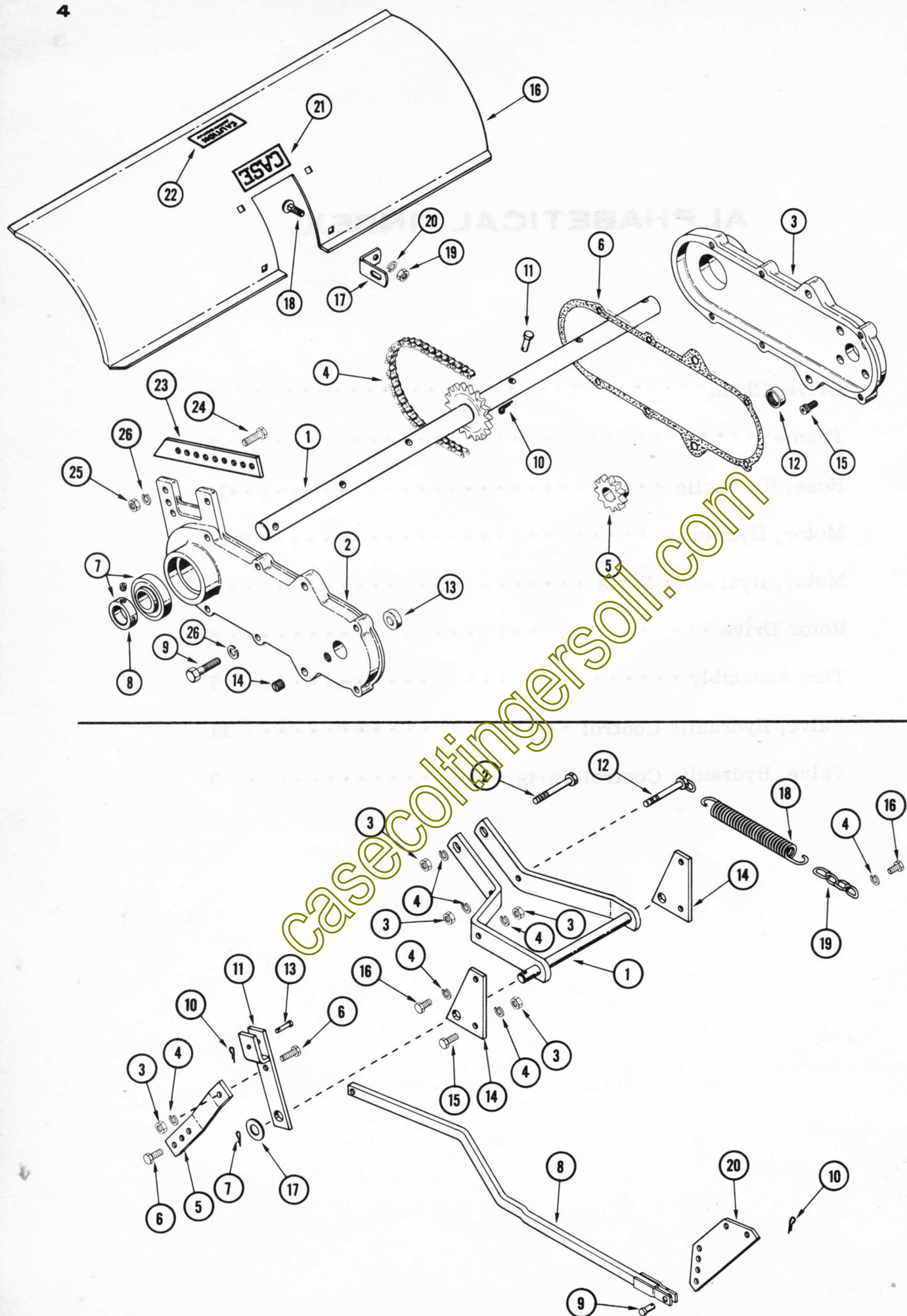
REF.	PART NO.	DESCRIPTION	REQ'D
	A 55159	CYLINDER ASSY - rear steering	1
28	A 56208	SOCKET ASSY - rear cylinder	1
29	A 55956	PLUG - adjusting, socket assy	1
30	A 55957	SEAT - socket ball	2
31	A 56210	SPRING - socket	1
32	A 56209	SEAT - socket spring	1
33	G 45175	CLAMP ASSY - socket assy	1
	16- 836	BOLT - 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"

"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.

ALPHABETICAL INDEX

Drive, Chain	5
Frame	5
Hose, Hydraulic	11
Motor, Hydraulic	9-11
Motor, Hydraulic Parts	9
Rotor Drive	5
Tine Assembly	7
Valve, Hydraulic Control	11
Valve, Hydraulic Control Parts	9



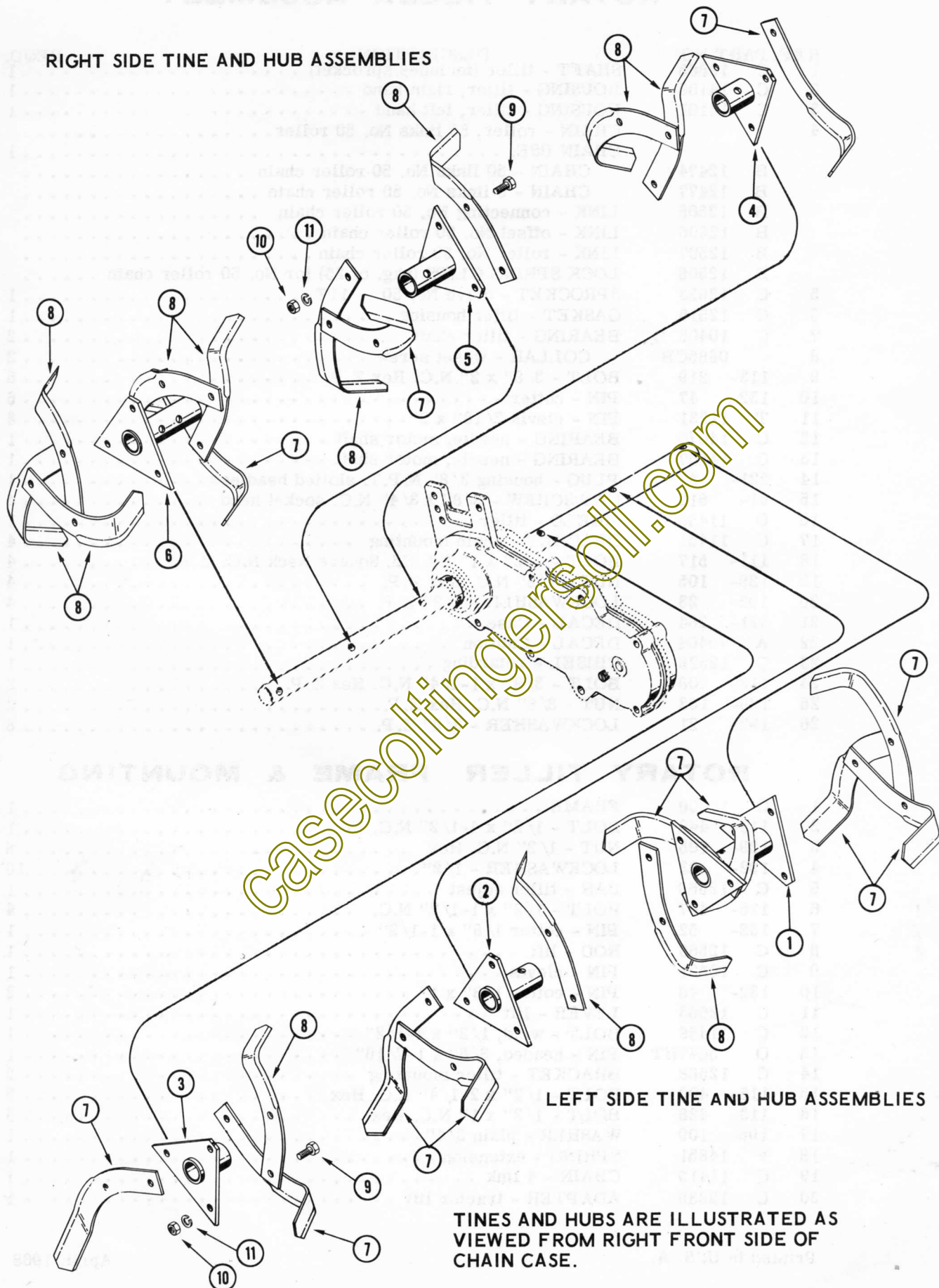
ROTARY TILLER ASSEMBLY

REF.	PART NO.	DESCRIPTION	REQD.
1	C 12865	SHAFT - tiller (includes sprocket)	1
2	C 14100	HOUSING - tiller, right hand	1
3	C 14101	HOUSING - tiller, left hand	1
4		CHAIN - roller, 56 links No. 50 roller	1
		CHAIN USE:	1
	B 12474	CHAIN - 50 links No. 50 roller chain	
	B 12477	CHAIN - 6 links No. 50 roller chain	
	B 12505	LINK - connecting No. 50 roller chain	
	B 12506	LINK - offset No. 50 roller chain	
	B 12507	LINK - roller No. 50 roller chain	
	B 12508	LOCK SPRING CLIPS (pkg. of 25) for No. 50 roller chain	
5	C 12523	SPROCKET - drive No. 50 11T.	1
6	C 12515	GASKET - tiller housing	1
7	C 10405	BEARING - tiller shaft	2
8	0885CB	COLLAR - w/set screw	2
9	113- 219	BOLT - 3/8" x 2" N.C. Hex Z.P.	6
10	132- 47	PIN - cotter	6
11	T 11231	PIN - clevis 7/16" x 2"	6
12	C 14070	BEARING - needle, motor shaft	1
13	C 14107	BEARING - needle, motor shaft	1
14	221- 43	PLUG - housing 3/8" N.P.T. slotted headless	1
15	61- 612	CAP SCREW - 3/8" x 3/4" N.C. socket head	4
16	C 11450	SHIELD - tiller	1
17	C 11451	BRACKET - angle mounting	4
18	111- 517	BOLT - 1/2" x 1" Rd. Hd. Square Neck N.C. Z.P.	4
19	129- 105	NUT - 1/2" N.C. Hex Z.P.	4
20	192- 23	LOCKWASHER - 1/2" Z.P.	4
21	321- 264	DECAL - Case	1
22	A 70404	DECAL - Caution	1
23	C 12528	CHISEL - retarding	1
24	113- 208	BOLT - 3/8" x 1-1/4" N.C. Hex Z.P.	2
25	129- 103	NUT - 3/8" N.C. Hex Z.P.	2
26	192- 21	LOCKWASHER - 3/8" Z.P.	8

ROTARY TILLER FRAME & MOUNTING

1	C 11000	FRAME	1
2	113- 440	BOLT - 1/2" x 4-1/2" N.C. Hex	1
3	129- 105	NUT - 1/2" N.C. Hex	8
4	192- 23	LOCKWASHER - 1/2"	10
5	C 12569	BAR - tiller adjust	1
6	113- 407	BOLT - 1/2" x 1-1/2" N.C.	4
7	132- 52	PIN - cotter 1/8" x 1-1/2"	1
8	C 12566	ROD - lift	1
9	C 10821	PIN - clevis	1
10	132- 48	PIN - cotter 1/8" x 1"	2
11	C 12563	LEVER - lift	1
12	C 11456	BOLT - weld, 1/2" x 4-1/2"	1
13	O 5647HT	PIN - headed, 3/8" x 1-7/16"	1
14	C 12568	BRACKET - tiller mounting	2
15	115- 403	BOLT - 1/2" x 2-1/4" N.C. Hex	2
16	113- 428	BOLT - 1/2" x 1" N.C. Hex	3
17	195- 109	WASHER - plain 3/4"	1
18	V 14851	SPRING - extension	1
19	C 11419	CHAIN - 4 link	1
20	C 12839	ADAPTER - tractor lift	1

RIGHT SIDE TINE AND HUB ASSEMBLIES



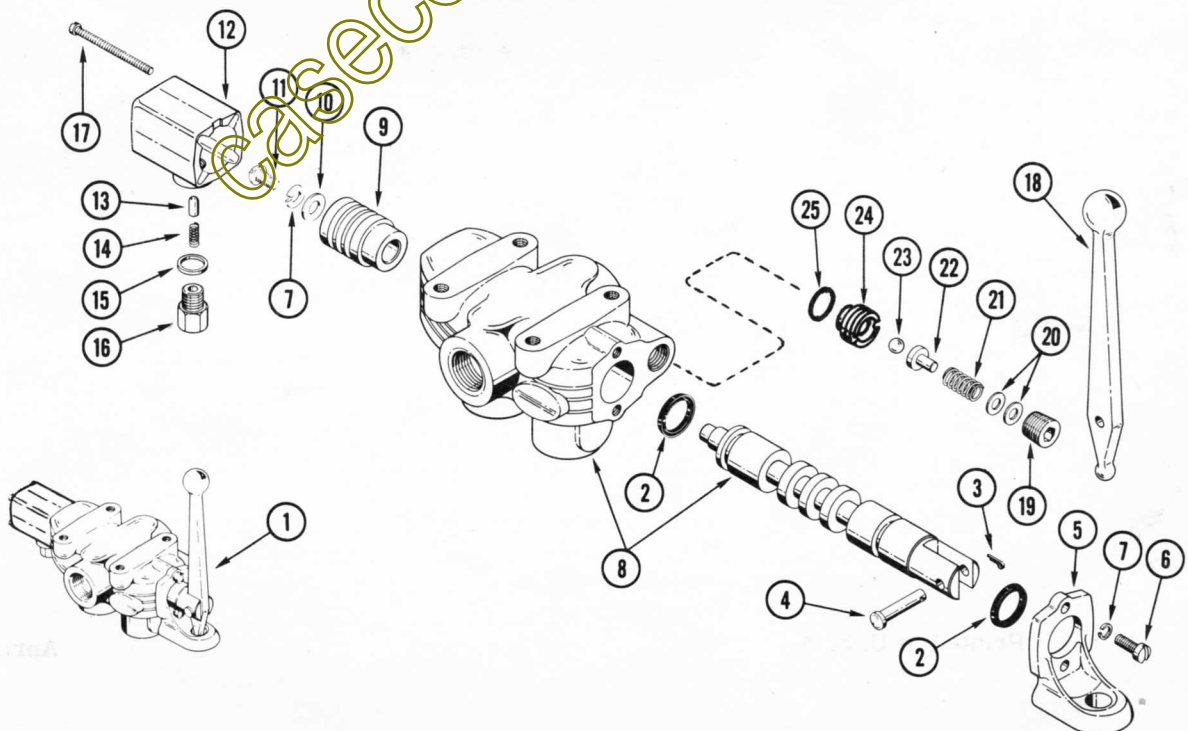
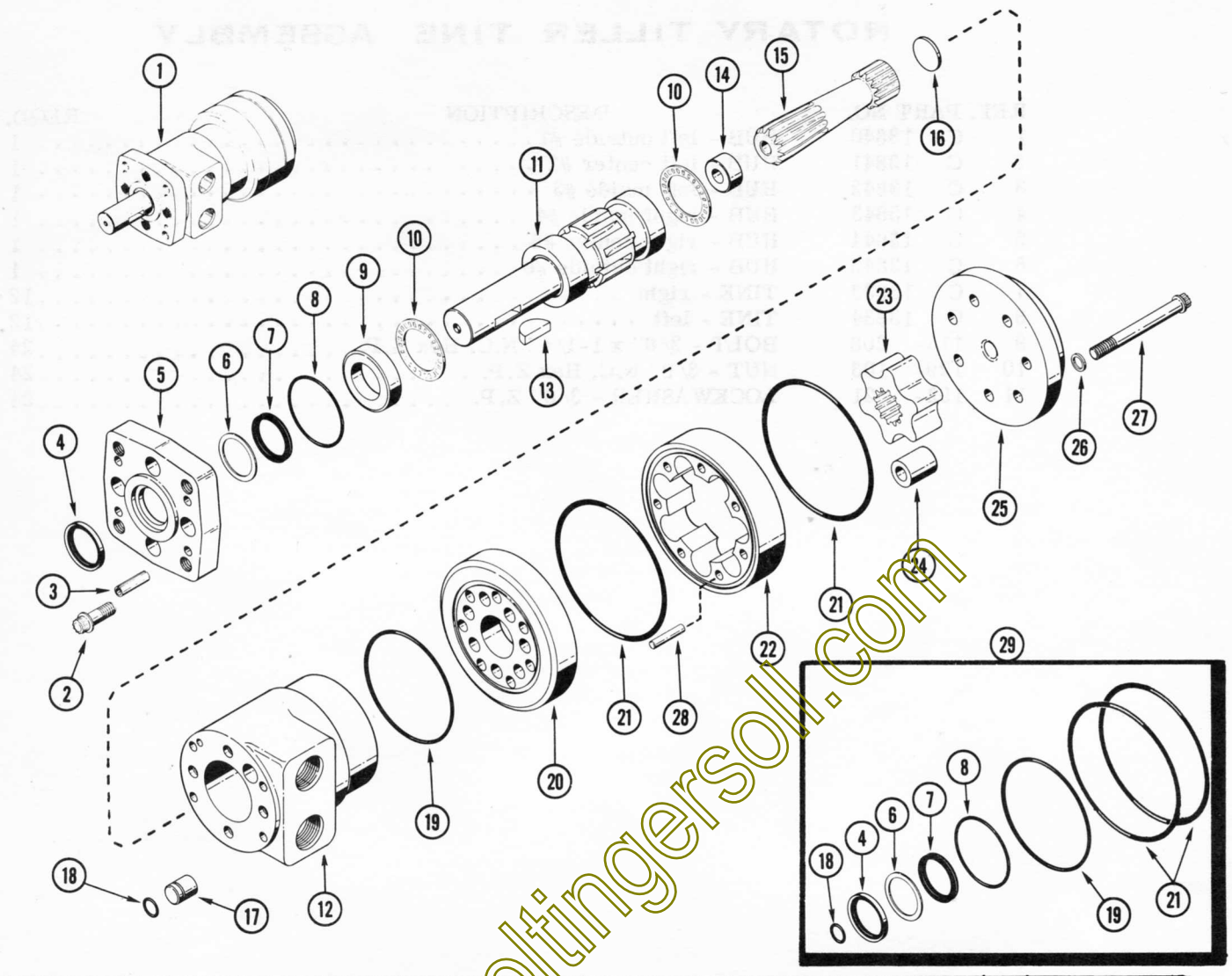
LEFT SIDE TINE AND HUB ASSEMBLIES

TINES AND HUBS ARE ILLUSTRATED AS VIEWED FROM RIGHT FRONT SIDE OF CHAIN CASE.

ROTARY TILLER TINE ASSEMBLY

REF.	PART NO.	DESCRIPTION	REQD.
1	C 13840	HUB - left outside #1	1
2	C 13841	HUB - left center #2	1
3	C 13842	HUB - left inside #3	1
4	C 13843	HUB - right inside #4	1
5	C 13844	HUB - right center #5	1
6	C 13845	HUB - right outside #6	1
7	C 13833	TINE - right	12
8	C 13834	TINE - left	12
9	113- 208	BOLT - 3/8" x 1-1/4" N.C. Hex Z.P.	24
10	129- 103	NUT - 3/8" N.C. Hex Z.P.	24
11	192- 21	LOCKWASHER - 3/8" Z.P.	24

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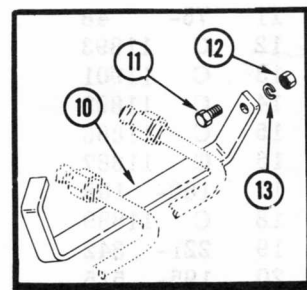
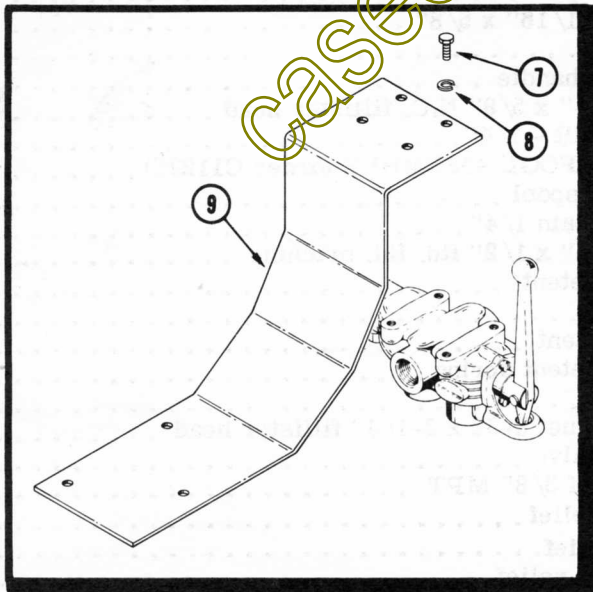
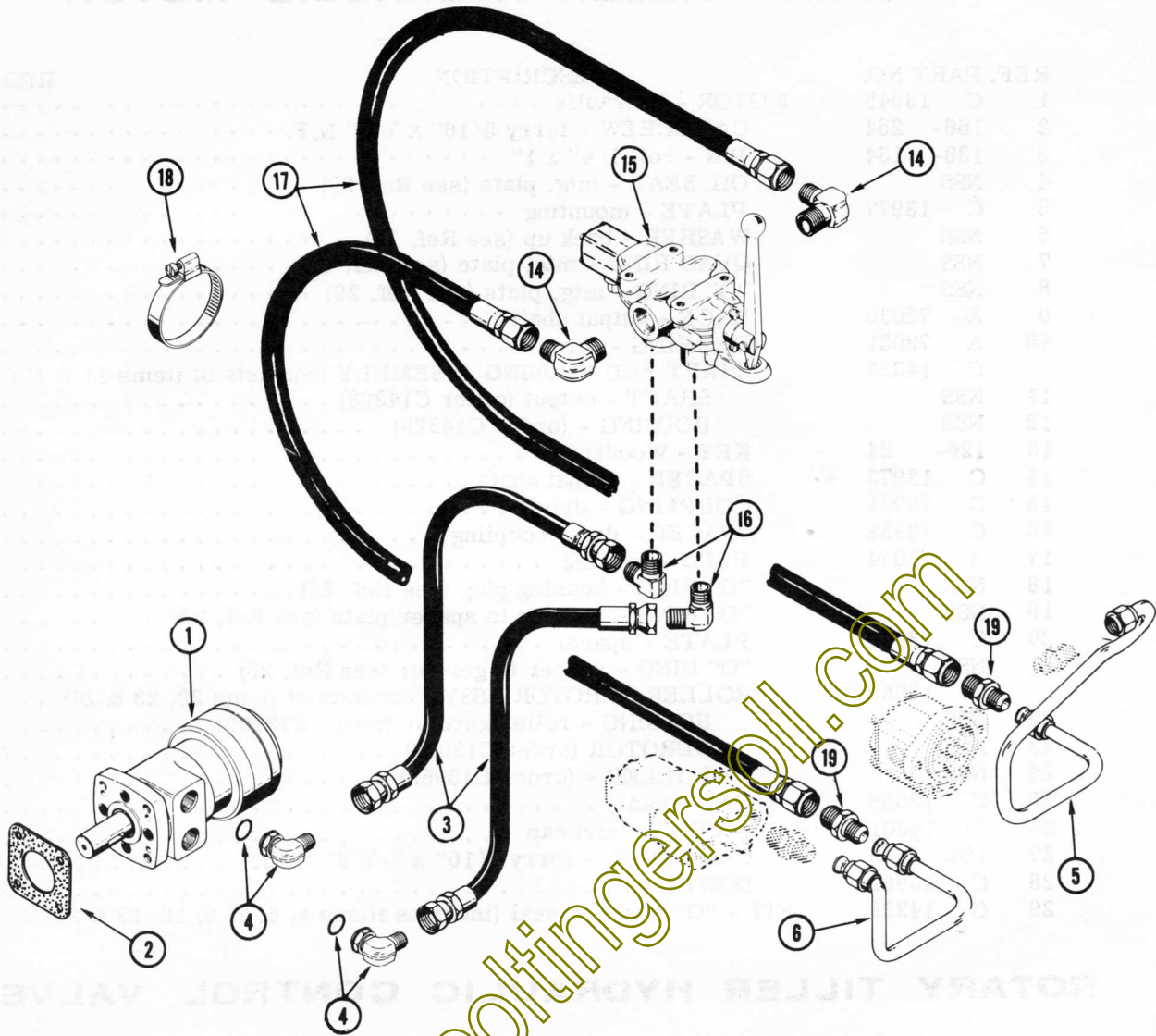
ROTARY TILLER HYDRAULIC MOTOR

REF.	PART NO.	DESCRIPTION	REQD.
1	C 13945	MOTOR - hydraulic	1
2	166- 254	CAP SCREW - ferry 5/16" x 7/8" N.F.	4
3	138- 134	PIN - roll 1/4" x 1"	4
4	NSS	OIL SEAL - mtg. plate (see Ref. 29)	1
5	C 13977	PLATE - mounting	1
6	NSS	WASHER - back up (see Ref. 29)	1
7	NSS	QUAD RING - mtg. plate (see Ref. 29)	1
8	NSS	"O" RING - mtg. plate (see Ref. 29)	1
9	A 72030	RACE - output shaft	1
10	A 72031	BEARING - thrust	2
	C 14328	SHAFT AND HOUSING ASSEMBLY (consists of items 11 & 12)	1
11	NSS	SHAFT - output (order C14328)	1
12	NSS	HOUSING - (order C14328)	1
13	126- 24	KEY - Woodruff	1
14	C 13973	SPACER - output shaft	1
15	C 13961	COUPLING - drive	1
16	C 13962	SPACER - drive coupling	1
17	A 72034	PLUG - housing	1
18	NSS	"O" RING - housing plug (see Ref. 29)	1
19	NSS	"O" RING - housing to spacer plate (see Ref. 29)	1
20	C 13960	PLATE - spacer	1
21	NSS	"O" RING - spacer to gerotor (see Ref. 29)	2
	C 13959	ROLLER GEROTOR ASSY. (consists of items 22, 23 & 24)	1
22	NSS	HOUSING - roller gerotor (order C13959)	1
23	NSS	GEROTOR (order C13959)	1
24	NSS	ROLLER - (order C13959)	7
25	C 13958	CAP - end	1
26	C 14301	WASHER - end cap	7
27	166- 536	CAP SCREW - ferry 5/16" x 2-7/8" N.F.	7
28	C 13982	DOWEL	7
29	C 14329	KIT - "O" ring and seal (includes items 4, 6, 7, 8, 18, 19 & 21)	1

ROTARY TILLER HYDRAULIC CONTROL VALVE

1	C 11275	VALVE - tiller control	1
2	C 11891	SEAL - U-cup	2
3	132- 6	PIN - cotter 1/16" x 5/8"	1
4	36627	PIN - handle	1
5	C 11888	BRACKET - handle	1
6	75- 410	SCREW - 1/4" x 5/8" N.C. fillister head	2
7	92- 4	LOCKWASHER - 1/4"	3
8	NSS	BODY AND SPOOL ASSEMBLY (order C11275)	1
9	C 11895	ADAPTER - spool	1
10	95- 4	WASHER - plain 1/4"	1
11	75- 48	SCREW - 1/4" x 1/2" Rd. Hd. machine	1
12	C 11893	BONNET - detent	1
13	C 11901	PIN - detent	1
14	C 11892	SPRING - detent	1
15	C 11886	WASHER - detent spring	1
16	C 11887	CAP - detent	1
17	169- 108	SCREW - bonnet 8-32 x 2-1/4" fillister head	4
18	C 11889	HANDLE - valve	1
19	221- 842	PLUG - relief 3/8" MPT	1
20	195- 515	WASHER - relief	2
21	O 4458CS	SPRING - relief	1
22	C 14327	SPACER - no relief	1
23	211- 11	BALL - relief 3/8"	1
24	C 11896	SEAT - relief	1
25	A 27891	"O" RING - relief seat	1

ROTARY TILLER HYDRAULIC MOTOR



ROTARY TILLER HYDRAULIC SYSTEM

REF.	PART NO.	DESCRIPTION	REQD.
1	C 13945	MOTOR - hydraulic (repairs see page 8)	1
2	A 70128	GASKET - hydraulic motor	1
3	C 14316	HOSE - tiller valve to motor 36" (replaces original 32" hose)	2
4	D 25667	ELBOW - 90° 1/2" x 7/8" with "O" ring	2
	218- 5006	"O" RING - for D25667 elbow	2
5	C 12728	TUBE - pump	1
6	C 13930	TUBE - valve	1
7	15- 612	BOLT - 3/8" x 3/4" N.C. Hex Z.P.	4
8	192- 21	LOCKWASHER - 3/8" Z.P.	4
9	C 11250	BRACKET - valve mounting	1
10	C 12993	BRACKET - tube support	1
11	113- 102	BOLT - 5/16" x 3/4" N.C. Hex Z.P.	1
12	129- 102	NUT - 5/16" N.C. Hex Z.P.	1
13	192- 20	LOCKWASHER - 5/16" Z.P.	1
14	D 29569	ELBOW - 90° 3/4" x 7/8"	2
15	C 11275	VALVE - tiller control (repairs see page 8)	1
16	218- 493	ELBOW - 90° 1/2" x 1/2"	2
17	C 14021	HOSE - tractor pump and valve to tiller valve (50-1/2")	2
18	214- 259	CLAMP - hose	1
19	218- 430	CONNECTOR - tube to hose	2

PAGE	REF	PART	NUMERICAL
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9	O	5647HT	5	13
1	T	11231	5	11
15	V	14851	5	18
19				
16	HARDWARE CODE NUMBERS			
17				
12	15-	612	11	7
15	61-	612	5	15
16	75-	48	9	11
5	75-	410	9	6
18	92-	4	9	7
2	95-	4	9	10
14	111-	517	5	18
12	113-	102	11	11
9	113-	208	5	24
24	113-	208	7	9
13	113-	219	5	9
5	113-	428	5	16
5	113-	440	5	2
23	115-	403	5	15
11	115-	407	5	6
8	126-	24	9	13
14	129-	102	11	12
5	129-	103	5	25
5	129-	103	7	10

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