



## J72 Rotary Tiller

Parts Catalog 1309

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**J I Case**  
A Tenneco Company



# J72 ROTARY TILLER FOR 210 COMPACT TRACTOR

U.S. PRICE 75 CENTS

Parts Catalog 1309

Print Shop 2500 5-75

PRINTED  
IN  
U.S.A.



| MODEL DESIGNATION | TRACTOR APPLICATION |  |  |  |
|-------------------|---------------------|--|--|--|
|                   | 210                 |  |  |  |
| J72 Rotary Tiller | X                   |  |  |  |
|                   |                     |  |  |  |
|                   |                     |  |  |  |

## 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.

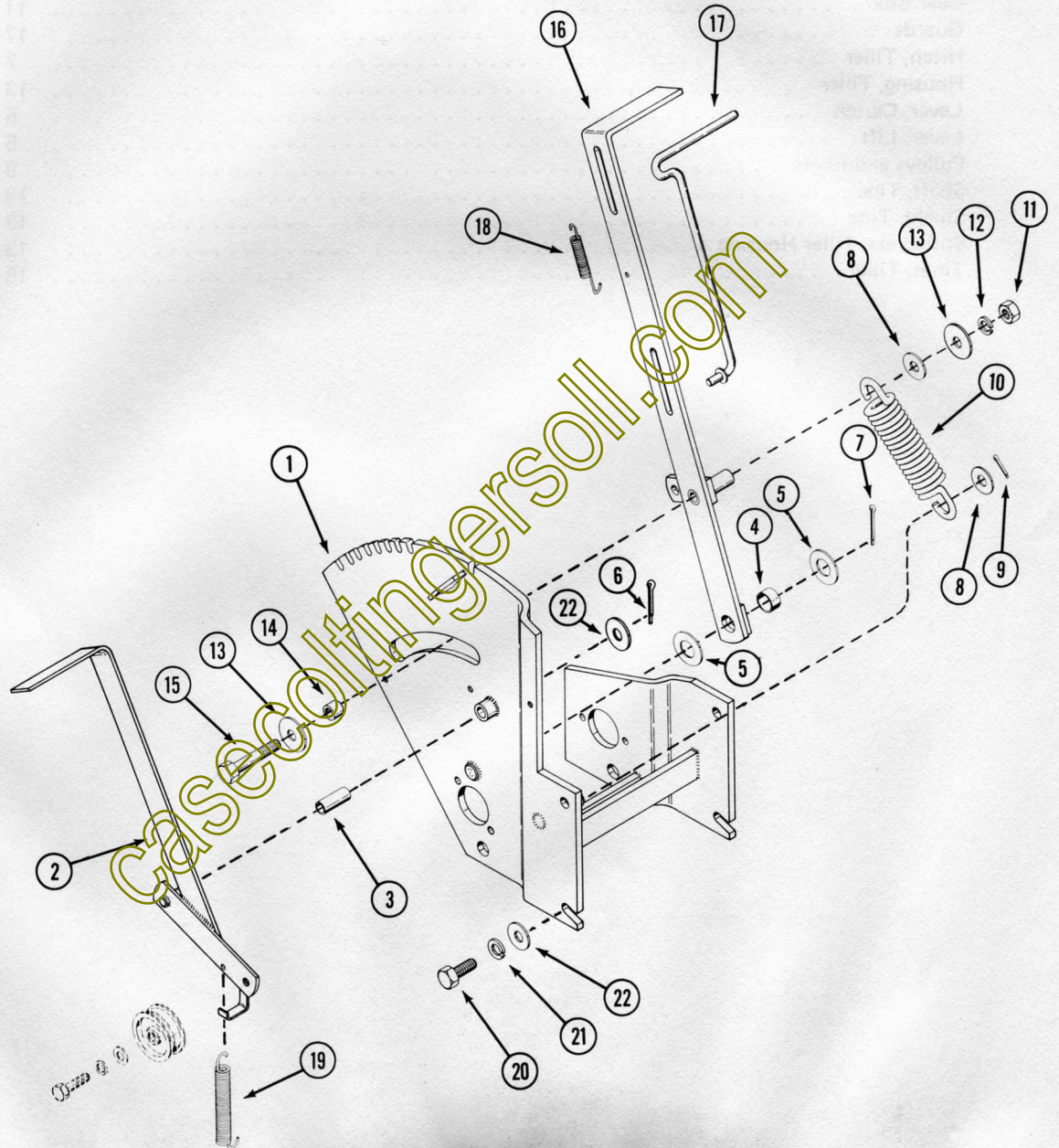


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ALPHABETICAL INDEX



## FRAME AND LEVERS

| REF. | PART NO. | DESCRIPTION                       | REQ'D |
|------|----------|-----------------------------------|-------|
| 1    | C 22280  | FRAME - tiller hitch              | 1     |
| 2    | C 22285  | LEVER - idler arm                 | 1     |
| 3    | C 22293  | BUSHING - bearing                 | 1     |
| 4    | C 19389  | BUSHING - bearing                 | 1     |
| 5    | 195- 549 | WASHER - 7/8" plain               | 2     |
| 6    | 132- 310 | PIN - cotter                      | 1     |
| 7    | 132- 336 | PIN - cotter 1/8" x 1 1/2"        | 1     |
| 8    | 195- 545 | WASHER - 3/4" plain               | 2     |
| 9    | 132- 306 | PIN - cotter 3/16" x 1-3/4"       | 1     |
| 10   | C 19501  | SPRING - assist                   | 1     |
| 11   | 129- 105 | NUT - 1/2" NC hex.                | 1     |
| 12   | 192- 23  | LOCKWASHER - 1/2"                 | 1     |
| 13   | 195- 106 | WASHER - 1/2" plain x 1-3/8" O.D. | 2     |
| 14   | C 19612  | SLEEVE                            | 1     |
| 15   | 113- 447 | BOLT - 1/2" x 3-1/2"              | 1     |
| 16   | C 19385  | LEVER - lift                      | 1     |
| 17   | C 19382  | ROD - tiller catch                | 1     |
| 18   | C 19530  | SPRING - tiller catch             | 1     |
| 19   | C 15671  | SPRING - clutch                   | 1     |
| 20   | 113- 417 | BOLT - 1/2" x 1-1/4" NC hex.      | 4     |
| 21   | 192- 23  | LOCKWASHER - 1/2"                 | 4     |
| 22   | 195- 533 | WASHER - 1/2" plain               | 4     |

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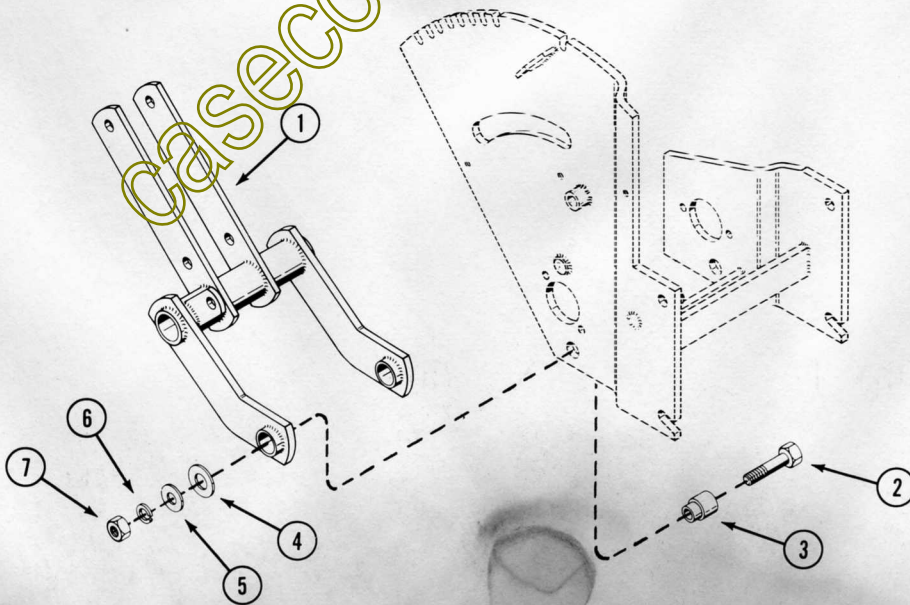
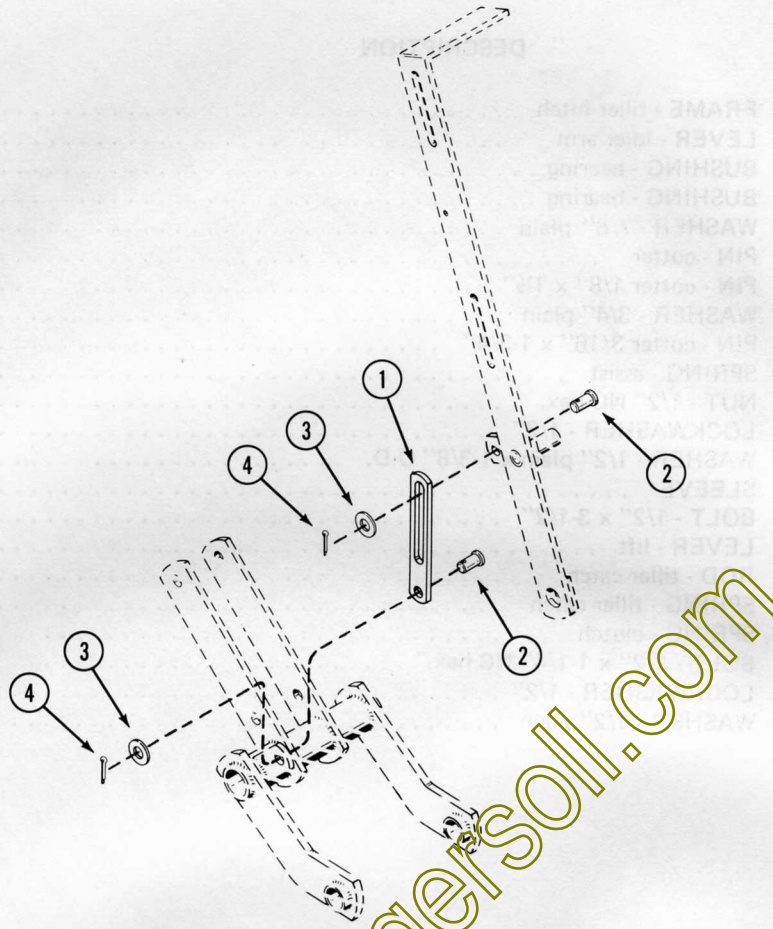
FRAME AND LEVERS

REF ID: A66078

DESIGN NO.

PART NO.

REF.



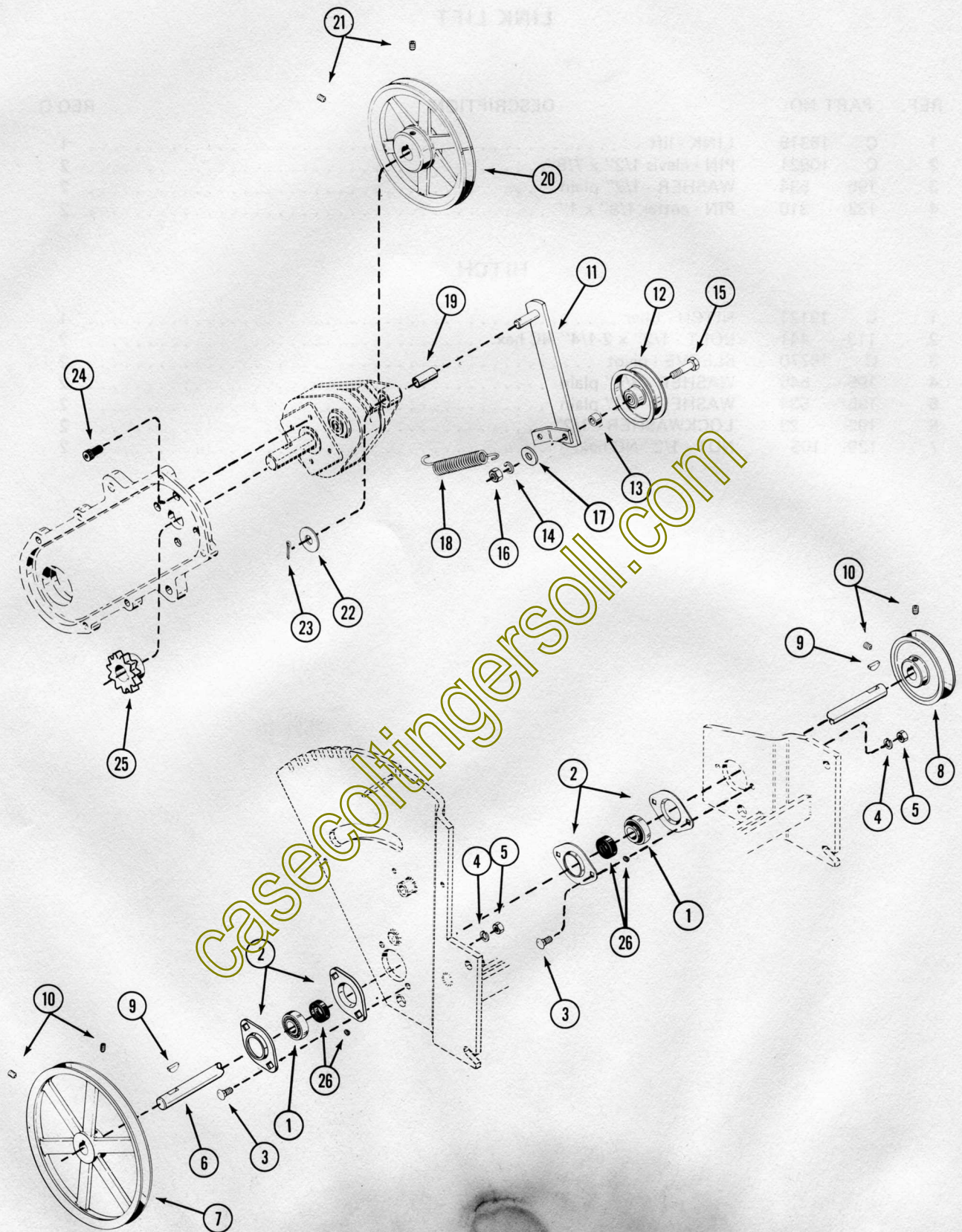
## LINK LIFT

| REF. | PART NO. | DESCRIPTION                    | REQ'D. |
|------|----------|--------------------------------|--------|
| 1    | C 18315  | LINK - lift .....              | 1      |
| 2    | C 10821  | PIN - clevis 1/2" x 7/8" ..... | 2      |
| 3    | 195- 534 | WASHER - 1/2" plain .....      | 2      |
| 4    | 132- 310 | PIN - cotter 1/8" x 1" .....   | 2      |

## HITCH

|   |          |                                   |   |
|---|----------|-----------------------------------|---|
| 1 | C 19121  | HITCH - tiller .....              | 1 |
| 2 | 113- 441 | BOLT - 1/2" x 2-1/4" NC hex. .... | 2 |
| 3 | C 18770  | SLEEVE - pivot .....              | 2 |
| 4 | 195- 545 | WASHER - 3/4" plain .....         | 2 |
| 5 | 195- 534 | WASHER - 1/2" plain .....         | 2 |
| 6 | 192- 23  | LOCKWASHER - 1/2" .....           | 2 |
| 7 | 129- 105 | NUT - 1/2" NC hex. ....           | 2 |

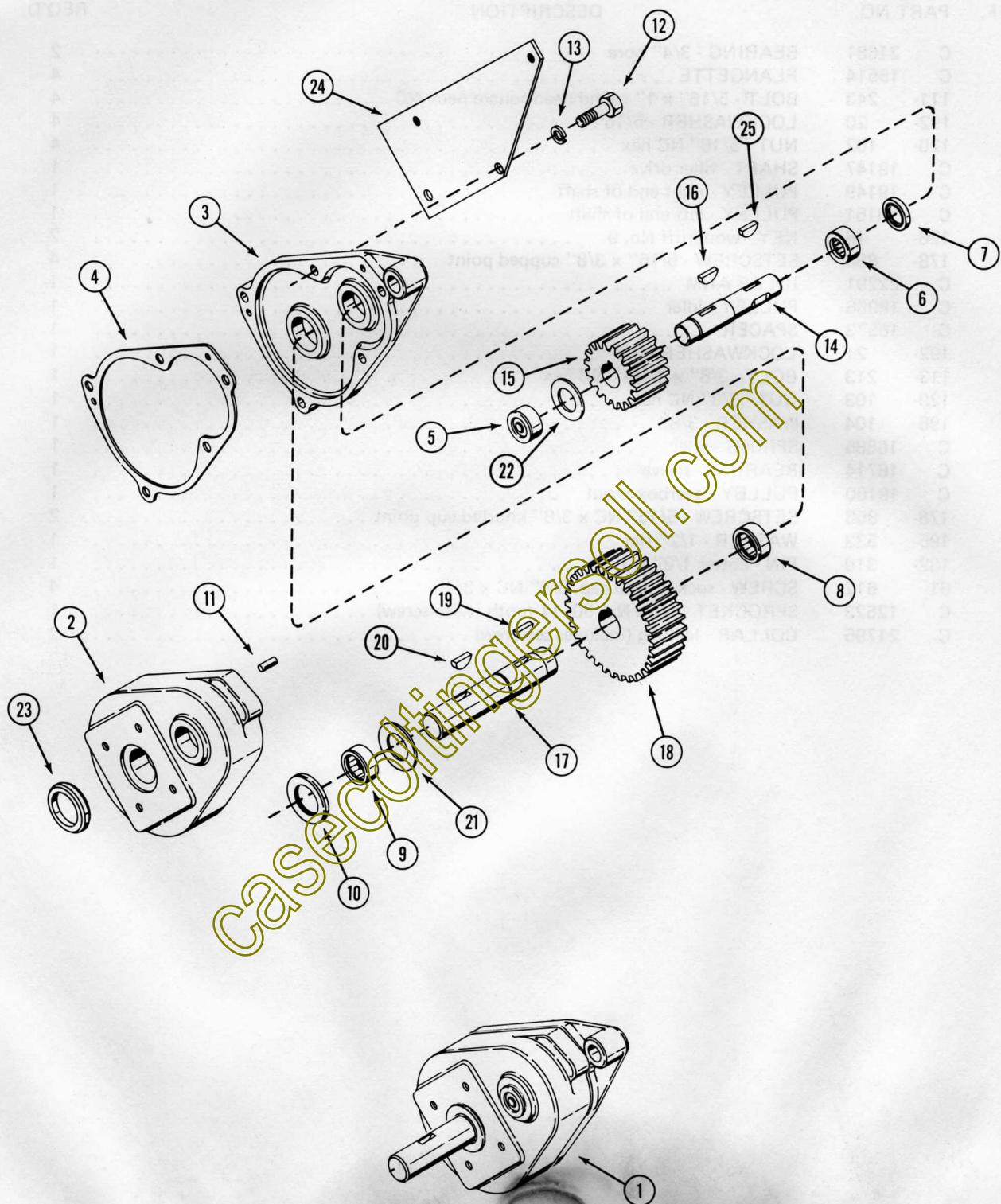
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## DRIVE SHAFT, GEAR BOX PULLEY AND IDLER

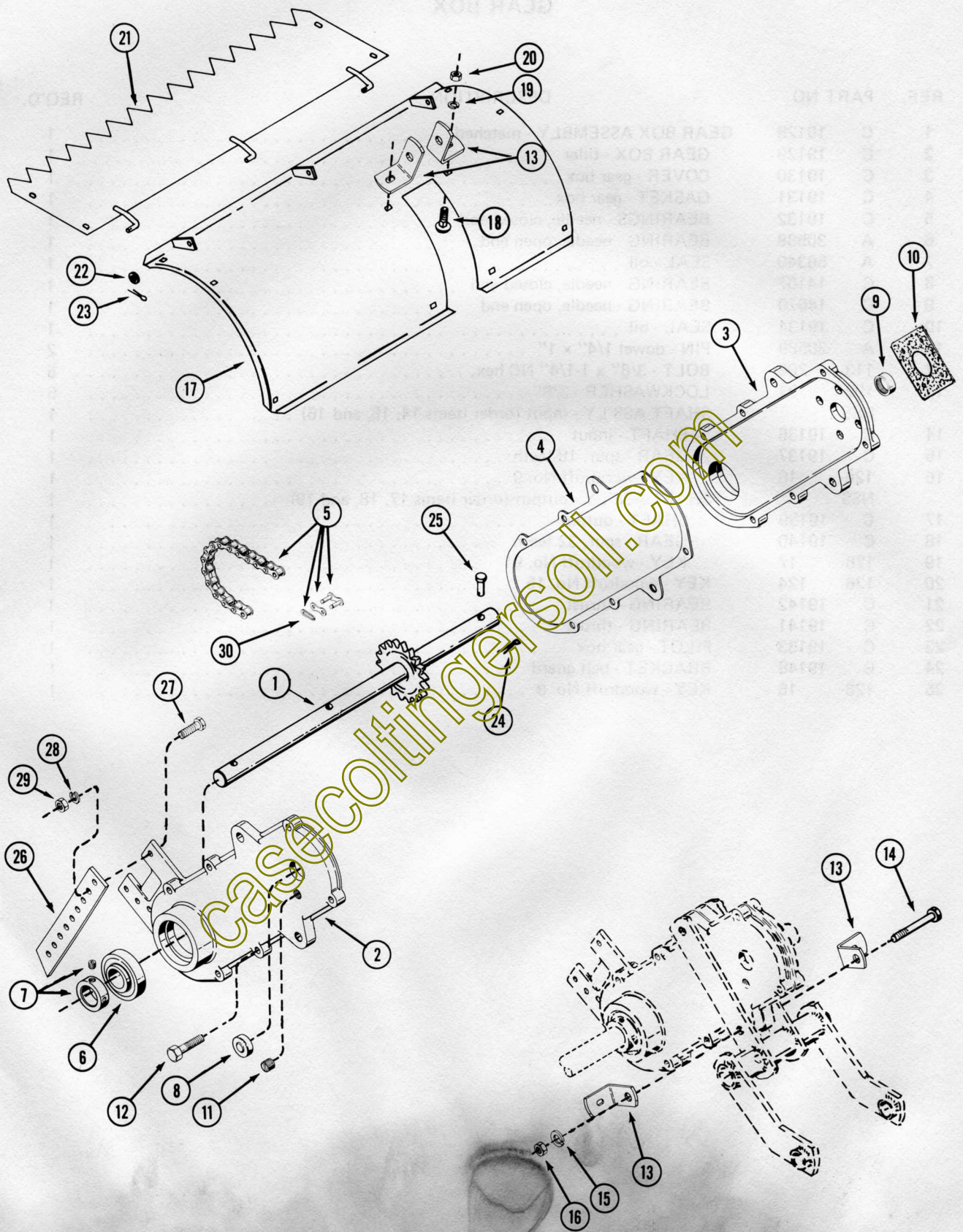
| REF. | PART NO. | DESCRIPTION                                    | REQ'D. |
|------|----------|------------------------------------------------|--------|
| 1    | C 21681  | BEARING - 3/4" bore                            | 2      |
| 2    | C 15514  | FLANGETTE                                      | 4      |
| 3    | 111- 243 | BOLT - 5/16" x 1" round head square neck NC    | 4      |
| 4    | 192- 20  | LOCKWASHER - 5/16"                             | 4      |
| 5    | 120- 102 | NUT - 5/16" NC hex                             | 4      |
| 6    | C 19147  | SHAFT - tiller drive                           | 1      |
| 7    | C 19149  | PULLEY - right end of shaft                    | 1      |
| 8    | C 19151  | PULLEY - left end of shaft                     | 1      |
| 9    | 126- 16  | KEY - woodruff No. 9                           | 2      |
| 10   | 178- 858 | SETSCREW - 5/16" x 3/8" cupped point           | 4      |
| 11   | C 22291  | IDLER ARM                                      | 1      |
| 12   | C 18966  | PULLEY - idler                                 | 1      |
| 13   | C 16573  | SPACER                                         | 1      |
| 14   | 192- 21  | LOCKWASHER - 3/8"                              | 1      |
| 15   | 113- 213 | BOLT - 3/8" x 2-1/4" NC hex                    | 1      |
| 16   | 129- 103 | NUT - 3/8" NC hex                              | 1      |
| 17   | 195- 104 | WASHER - 3/8"                                  | 1      |
| 18   | C 16885  | SPRING - idler                                 | 1      |
| 19   | C 16714  | BEARING - sleeve                               | 1      |
| 20   | C 19160  | PULLEY - gearbox input                         | 1      |
| 21   | 178- 858 | SETSCREW - 5/16" NC x 3/8" knurled cup point   | 2      |
| 22   | 195- 533 | WASHER - 1/2" flat                             | 1      |
| 23   | 132- 310 | PIN - cotter 1/8" x 1"                         | 1      |
| 24   | 61- 612  | SCREW - socket head cap. 3/8" NC x 3/4"        | 4      |
| 25   | C 12523  | SPROCKET - drive No. 50, 11 tooth (w/setscrew) | 1      |
| 26   | C 21795  | COLLAR - locking (includes setscrew)           | 2      |

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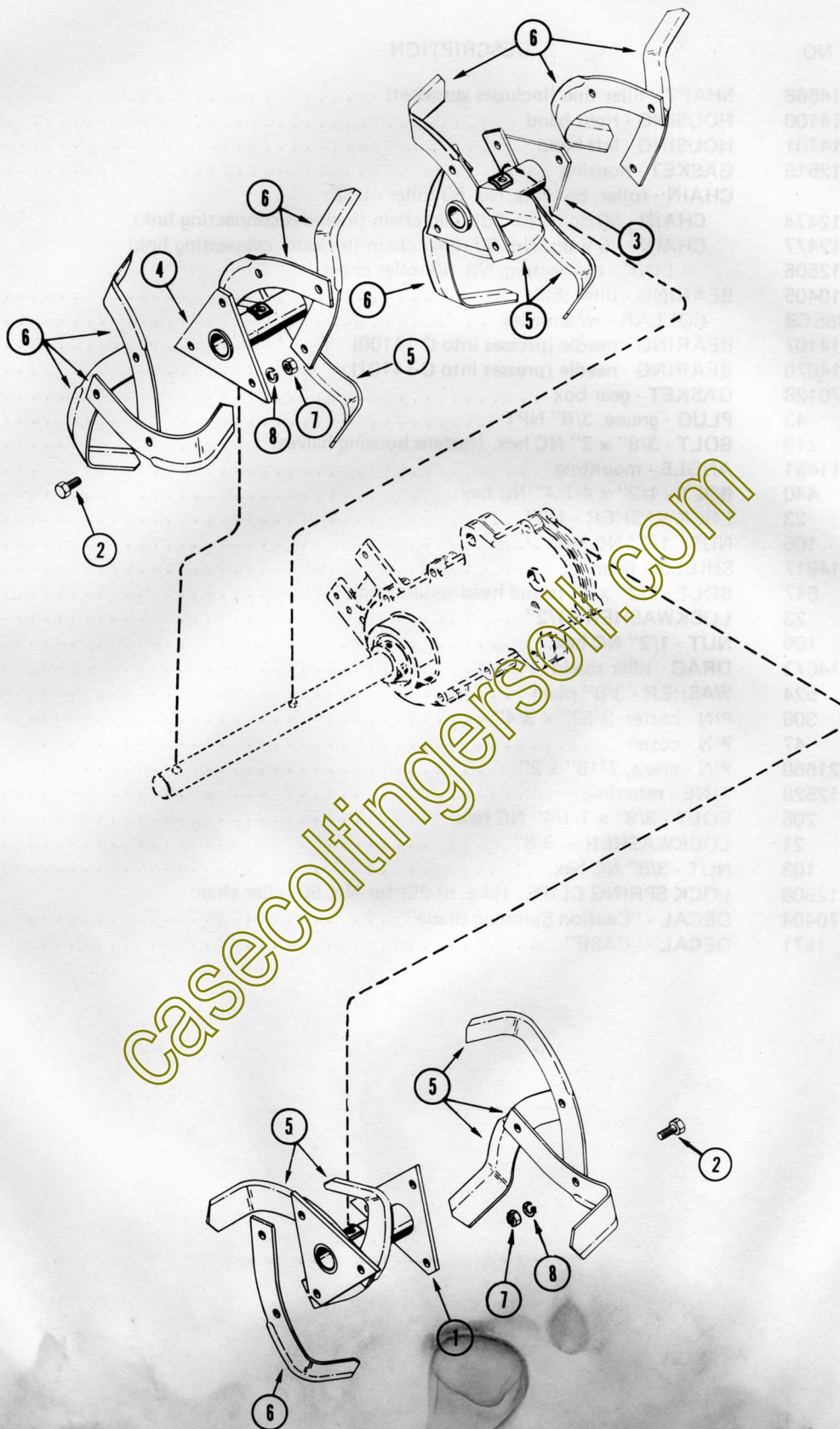
## GEAR BOX

| REF. | PART NO. | DESCRIPTION                                        | REQ'D. |
|------|----------|----------------------------------------------------|--------|
| 1    | C 19128  | GEAR BOX ASSEMBLY - matched                        | 1      |
| 2    | C 19129  | GEAR BOX - tiller                                  | 1      |
| 3    | C 19130  | COVER - gear box                                   | 1      |
| 4    | C 19131  | GASKET - gear box                                  | 1      |
| 5    | C 19132  | BEARINGS - needle, closed end                      | 1      |
| 6    | A 30588  | BEARING - needle, open end                         | 1      |
| 7    | A 56340  | SEAL - oil                                         | 1      |
| 8    | C 14107  | BEARING - needle, closed end                       | 1      |
| 9    | C 14070  | BEARING - needle, open end                         | 1      |
| 10   | C 19134  | SEAL - oil                                         | 1      |
| 11   | A 30589  | PIN - dowel 1/4" x 1"                              | 2      |
| 12   | 113- 208 | BOLT - 3/8" x 1-1/4" NC hex.                       | 5      |
| 13   | 192- 21  | LOCKWASHER - 3/8"                                  | 5      |
|      | NSS      | SHAFT ASS'LY - input (order items 14, 15, and 16)  | 1      |
| 14   | C 19136  | SHAFT - input                                      | 1      |
| 15   | C 19137  | GEAR - spur, 18 teeth                              | 1      |
| 16   | 126- 16  | KEY - woodruff No. 9                               | 1      |
|      | NSS      | SHAFT ASS'LY - output (order items 17, 18, and 19) | 1      |
| 17   | C 19139  | SHAFT - output                                     | 1      |
| 18   | C 19140  | GEAR - spur, 32 teeth                              | 1      |
| 19   | 126- 17  | KEY - woodruff No. 91                              | 1      |
| 20   | 126- 124 | KEY - woodruff No. 15                              | 1      |
| 21   | C 19142  | BEARING - thrust                                   | 1      |
| 22   | C 19141  | BEARING - thrust                                   | 1      |
| 23   | C 19133  | PILOT - gear box                                   | 1      |
| 24   | C 19148  | BRACKET - belt guard                               | 1      |
| 25   | 126- 16  | KEY - woodruff No. 9                               | 1      |



## SHIELD AND CHAIN CASE

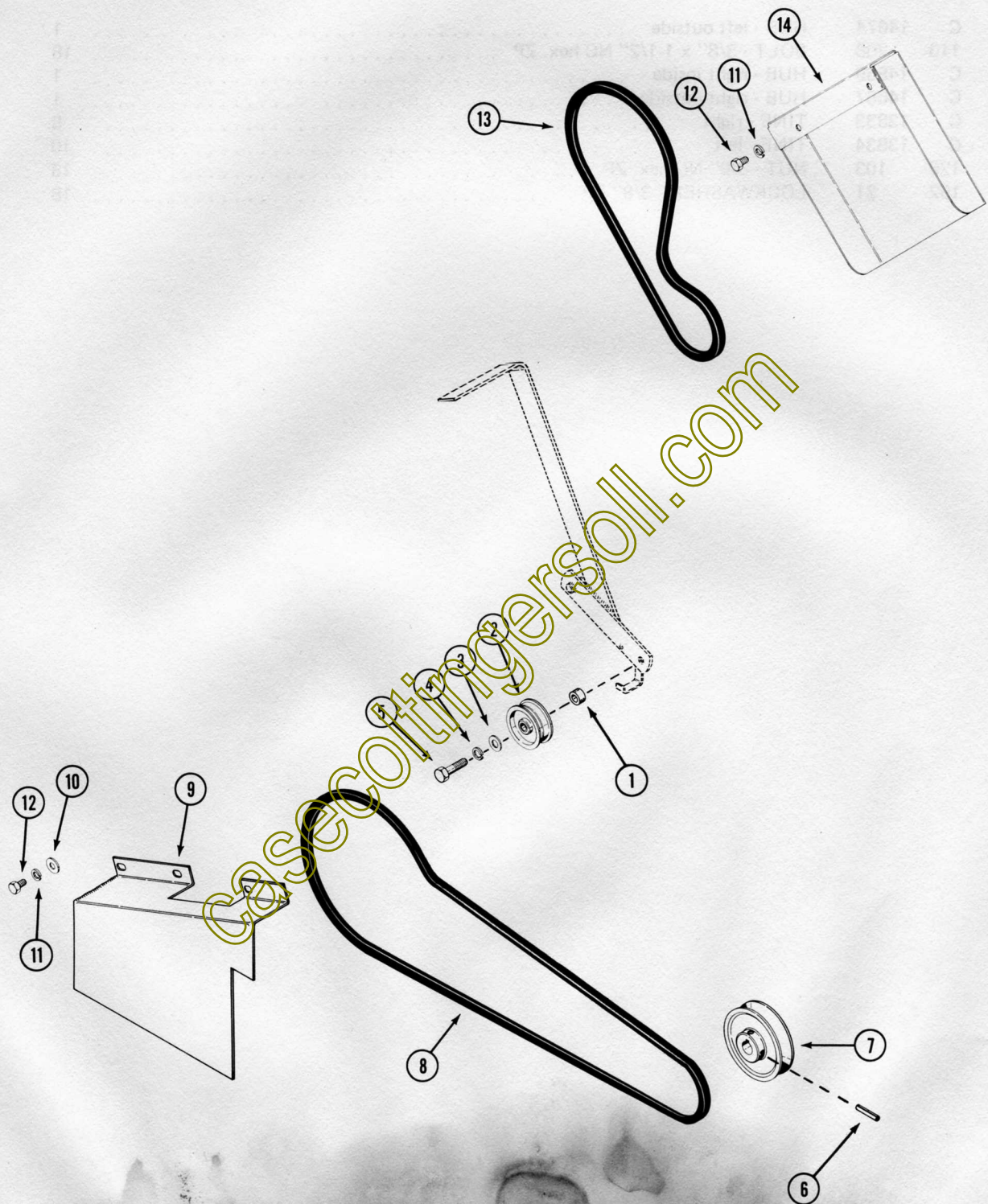
| REF. | PART NO.  | DESCRIPTION                                                     | REQ'D. |
|------|-----------|-----------------------------------------------------------------|--------|
| 1    | C 14668   | SHAFT - tiller tine (includes sprocket)                         | 1      |
| 2    | C 14100   | HOUSING - right hand                                            | 1      |
| 3    | C 14101   | HOUSING - left hand                                             | 1      |
| 4    | C 12515   | GASKET - housing                                                | 1      |
| 5    | C         | CHAIN - roller, 56 links, No. 50 roller - USE:                  |        |
|      | B 12474   | CHAIN - 50 links No. 50 roller chain (includes connecting link) |        |
|      | B 12477   | CHAIN - 6 links, No. 50 roller chain (includes connecting link) |        |
|      | B 12505   | LINK - connecting, No. 50 roller chain                          |        |
| 6    | C 10405   | BEARING - tiller shaft                                          | 2      |
| 7    | O 885 CB  | COLLAR - w/setscrew                                             | 2      |
| 8    | C 14107   | BEARING - needle (presses into C 14100)                         | 1      |
| 9    | C 14070   | BEARING - needle (presses into C 14101)                         | 1      |
| 10   | A 70128   | GASKET - gear box                                               | 1      |
| 11   | 221- 43   | PLUG - grease, 3/8" NPT                                         | 1      |
| 12   | 113- 219  | BOLT - 3/8" x 2" NC hex. (fastens housing halves)               | 6      |
| 13   | C 11451   | ANGLE - mounting                                                | 4      |
| 14   | 113- 440  | BOLT - 1/2" x 4-1/4" NC hex.                                    | 2      |
| 15   | 192- 23   | LOCKWASHER - 1/2"                                               | 2      |
| 16   | 129- 105  | NUT - 1/2" NC hex                                               | 2      |
| 17   | C 14917   | SHIELD - tiller                                                 | 1      |
| 18   | 111- 517  | BOLT - 1/2" x 1" round head square neck                         | 4      |
| 19   | 192- 23   | LOCKWASHER - 1/2"                                               | 4      |
| 20   | 129- 105  | NUT - 1/2" NC hex.                                              | 4      |
| 21   | C 14672   | DRAG - tiller shield                                            | 1      |
| 22   | 195- 524  | WASHER - 3/8" plain                                             | 2      |
| 23   | 132- 308  | PIN - cotter, 3/32" x 3/4"                                      | 2      |
| 24   | 132- 47   | PIN - cotter                                                    | 3      |
| 25   | C 21660   | PIN - clevis, 7/16" x 2"                                        | 3      |
| 26   | C 12528   | TINE - retarding                                                | 1      |
| 27   | 113- 208  | BOLT - 3/8" x 1-1/4" NC hex.                                    | 2      |
| 28   | 192- 21   | LOCKWASHER - 3/8"                                               | 2      |
| 29   | 129- 103  | NUT - 3/8" NC hex                                               | 2      |
| 30   | B 12508   | LOCK SPRING CLIPS - (pkg. of 25) for No. 50 roller chain        |        |
|      | A 70404   | DECAL - "Caution Spinning Blade"                                | 1      |
|      | 321- 1571 | DECAL - "CASE"                                                  | 1      |



## ROTARY TILLER TINE ASSEMBLY

| REF. | PART NO. |       | DESCRIPTION                           | REQ'D. |
|------|----------|-------|---------------------------------------|--------|
| 1    | C        | 14674 | HUB - left outside .....              | 1      |
| 2    | 113-     | 208   | BOLT - 3/8" x 1-1/2" NC hex. ZP ..... | 18     |
| 3    | C        | 14669 | HUB - right inside .....              | 1      |
| 4    | C        | 14667 | HUB - right outside .....             | 1      |
| 5    | C        | 13833 | TINE - right .....                    | 8      |
| 6    | C        | 13834 | TINE - left .....                     | 10     |
| 7    | 129-     | 103   | NUT - 3/8" NC hex. ZP .....           | 18     |
| 8    | 192-     | 21    | LOCKWASHER - 3/8" ZP .....            | 18     |

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## IDLERS, BELTS AND GUARDS

| REF. | PART NO.  | DESCRIPTION                           | REQ'D. |
|------|-----------|---------------------------------------|--------|
| 1    | VB 1135   | SPACER .....                          | 1      |
| 2    | C 15672   | PULLEY - idler, flat .....            | 1      |
| 3    | 195- 104  | WASHER - 3/8" plain .....             | 2      |
| 4    | 192- 21   | LOCKWASHER - 3/8" .....               | 1      |
| 5    | 113- 233  | BOLT - 3/8" x 1-3/4" NC hex. ....     | 1      |
| 6    | 138- 2028 | PIN - roll 3/16" x 1-1/4" .....       | 1      |
| 7    | C 18968   | PULLEY - jackshaft (on tractor) ..... | 1      |
| 8    | C 19161   | BELT - tiller clutching .....         | 1      |
| 9    | C 22289   | GUARD - belt .....                    | 1      |
| 10   | 195- 521  | WASHER - 5/16" plain .....            | 4      |
| 11   | 192- 20   | LOCKWASHER - 5/16" .....              | 6      |
| 12   | 113- 101  | BOLT - 5/16" x 1/2" NC hex. ....      | 5      |
| 13   | C 19162   | BELT - tiller drive .....             | 1      |
| 14   | C 19164   | GUARD - belt, tiller .....            | 1      |

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| A 30589  | 11       | 11       | C 19530               | 5        | 18       | 195- 104  | 17       | 3        |
| A 56340  | 11       | 7        | C 19612               | 5        | 14       | 195- 106  | 5        | 13       |
| A 70128  | 13       | 10       | C 21660               | 13       | 25       | 195- 521  | 17       | 10       |
| A 70404  | 13       | —        | C 21681               | 9        | 1        | 195- 524  | 13       | 22       |
| B 12474  | 13       |          | C 21795               | 9        | 26       | 195- 533  | 5        | 22       |
| B 12477  | 13       |          | C 22280               | 5        | 1        | 195- 533  | 9        | 22       |
| B 12505  | 13       |          | C 22285               | 5        | 2        | 195- 534  | 7        | 3        |
| B 12508  | 13       | 30       | C 22289               | 17       | 9        | 195- 534  | 7        | 5        |
| C 10405  | 13       | 6        | C 22291               | 9        | 11       | 195- 545  | 5        | 8        |
| C 10821  | 7        | 2        | C 22293               | 5        | 3        | 195- 545  | 7        | 4        |
| C 11451  | 13       | 13       | O 885-CB              | 13       | 7        | 195- 549  | 5        | 5        |
| C 12515  | 13       | 4        | VB 1135               | 17       | 1        | 221- 43   | 13       | 11       |
| C 12523  | 9        | 25       |                       |          |          | 321- 1571 | 13       | —        |
| C 12528  | 13       | 26       | HARDWARE CODE NUMBERS |          |          |           |          |          |
| C 13833  | 15       | 5        | 61- 612               | 9        | 24       |           |          |          |
| C 13834  | 15       | 6        | 111- 243              | 9        | 3        |           |          |          |
| C 14070  | 11       | 9        | 111- 517              | 13       | 18       |           |          |          |
| C 14070  | 13       | 9        | 113- 101              | 17       | 12       |           |          |          |
| C 14100  | 13       | 2        | 113- 208              | 11       | 12       |           |          |          |
| C 14101  | 13       | 3        | 113- 208              | 13       | 27       |           |          |          |
| C 14107  | 11       | 8        | 113- 208              | 15       | 2        |           |          |          |
| C 14107  | 13       | 8        | 113- 213              | 9        | 15       |           |          |          |
| C 14667  | 15       | 4        | 113- 219              | 13       | 12       |           |          |          |
| C 14668  | 13       | 1        | 113- 233              | 17       | 5        |           |          |          |
| C 14669  | 15       | 3        | 113- 417              | 5        | 20       |           |          |          |
| C 14672  | 13       | 21       | 113- 440              | 13       | 14       |           |          |          |
| C 14674  | 15       | 1        | 113- 441              | 7        | 2        |           |          |          |
| C 14917  | 13       | 17       | 113- 447              | 5        | 15       |           |          |          |
| C 15514  | 9        | 2        | 120- 102              | 9        | 5        |           |          |          |
| C 15671  | 5        | 19       | 126- 16               | 9        | 9        |           |          |          |
| C 15672  | 17       | 2        | 126- 16               | 11       | 16       |           |          |          |
| C 16573  | 9        | 13       | 126- 16               | 11       | 25       |           |          |          |
| C 16714  | 9        | 19       | 126- 17               | 11       | 19       |           |          |          |
| C 16885  | 9        | 18       | 126- 124              | 11       | 20       |           |          |          |
| C 18315  | 7        | 1        | 129- 103              | 9        | 16       |           |          |          |
| C 18770  | 7        | 3        | 129- 103              | 13       | 29       |           |          |          |
| C 18966  | 9        | 12       | 129- 103              | 15       | 7        |           |          |          |
| C 18968  | 17       | 7        | 129- 105              | 5        | 11       |           |          |          |
| C 19121  | 7        | 1        | 129- 105              | 7        | 7        |           |          |          |
| C 19128  | 11       | 1        | 129- 105              | 13       | 16       |           |          |          |
| C 19129  | 11       | 2        | 129- 105              | 13       | 20       |           |          |          |
| C 19130  | 11       | 3        | 132- 47               | 13       | 24       |           |          |          |
| C 19131  | 11       | 4        | 132- 306              | 5        | 9        |           |          |          |
| C 19132  | 11       | 5        | 132- 308              | 13       | 23       |           |          |          |
| C 19133  | 11       | 23       | 132- 310              | 5        | 6        |           |          |          |
| C 19134  | 11       | 10       | 132- 310              | 7        | 4        |           |          |          |
| C 19136  | 11       | 14       | 132- 310              | 9        | 23       |           |          |          |
| C 19137  | 11       | 15       | 132- 336              | 5        | 7        |           |          |          |
| C 19139  | 11       | 17       | 138- 2028             | 17       | 6        |           |          |          |
| C 19140  | 11       | 18       | 178- 858              | 9        | 10       |           |          |          |
| C 19141  | 11       | 22       | 178- 858              | 9        | 21       |           |          |          |
| C 19142  | 11       | 21       | 192- 20               | 9        | 4        |           |          |          |
| C 19147  | 9        | 6        | 192- 20               | 17       | 11       |           |          |          |
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| C 19149  | 9        | 7        | 192- 21               | 11       | 13       |           |          |          |
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| C 19162  | 17       | 13       | 192- 23               | 5        | 12       |           |          |          |
| C 19164  | 17       | 14       | 192- 23               | 5        | 21       |           |          |          |
| C 19382  | 5        | 17       | 192- 23               | 7        | 6        |           |          |          |
| C 19385  | 5        | 16       | 192- 23               | 1        | 15       |           |          |          |
| C 19389  | 5        | 4        | 192- 23               |          |          |           |          |          |

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