

# John Deere

MODEL:

## 216 Series Balers

PARTS  
MANUAL



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**Parts  
Catalog**

**John Deere  
216 Series  
Balers**

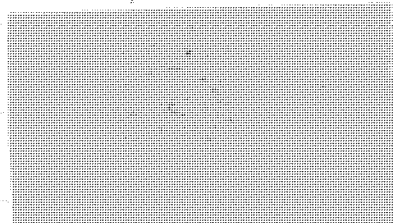
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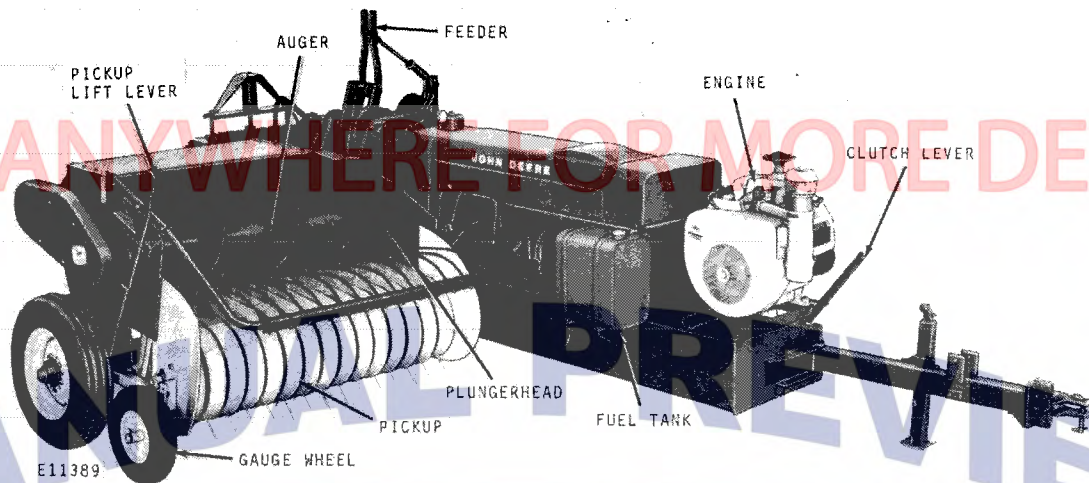
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JOHN DEERE 216 SERIES BALER  
MANUFACTURED (1963- )

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(SPECIFICATIONS AND DESIGN SUBJECT TO CHANGE WITHOUT NOTICE.)

### BOLT AND CAP SCREW STRENGTH IDENTIFICATION

BOLTS AND CAP SCREWS REQUIRED TO HAVE HIGH-STRENGTH QUALITIES EQUIVALENT TO SAE GRADE 8 ARE IDENTIFIED THROUGHOUT THIS CATALOG BY THE DESCRIPTION HS SAE 8. UNLESS IDENTIFIED BY THIS DESCRIPTION ALL STANDARD BOLTS AND CAP SCREWS ARE SAE GRADE 5 OR LOWER.

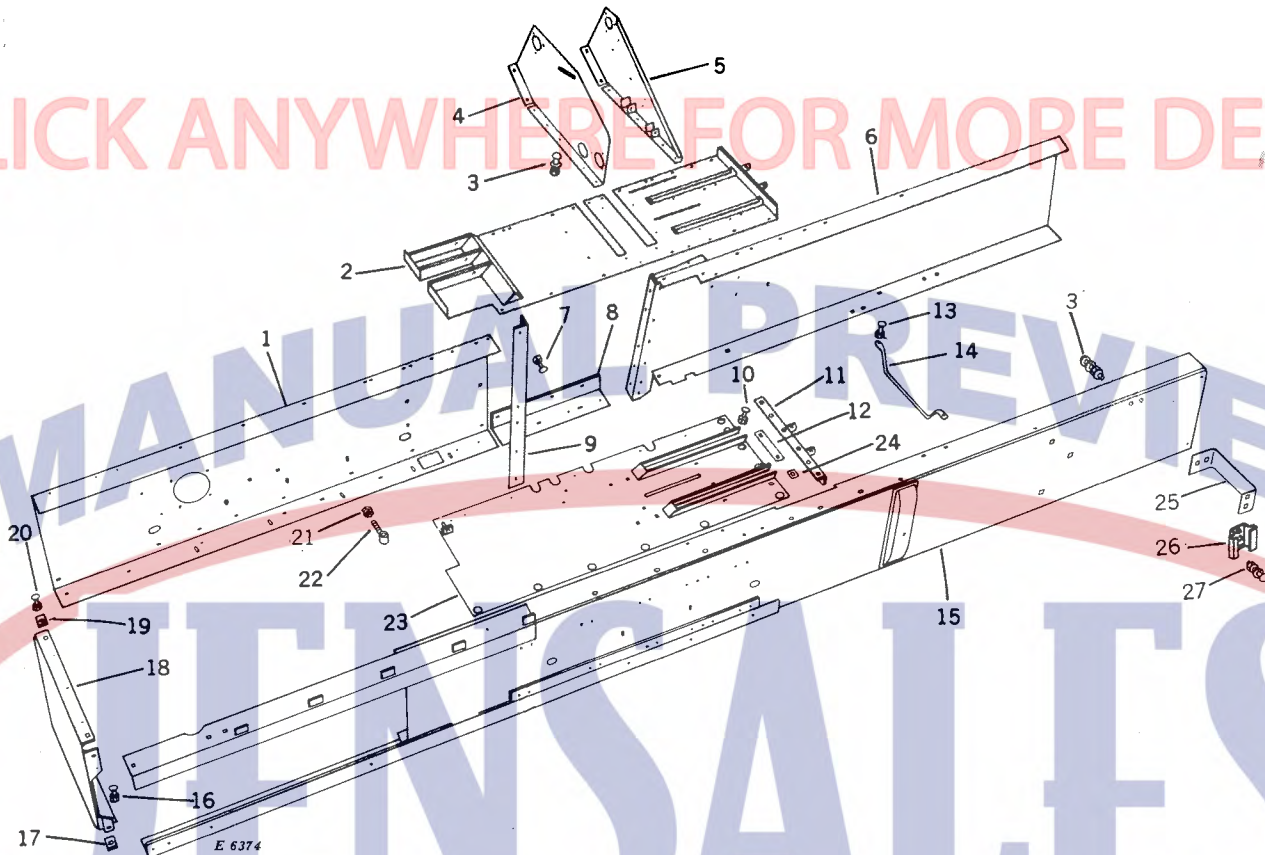
### CHANGE INDICATOR LINES

NEW AND REVISED INFORMATION IS IDENTIFIED BY VERTICAL LINES MARKED ON THE LEFT-HAND MARGINS OF REVISED PAGES. THESE LINES INDICATE CHANGES AFFECTING THE ORDERING OF PARTS.

### SI (INTERNATIONAL SYSTEM) UNITS OF MEASURE

METRIC EQUIVALENTS HAVE BEEN INCLUDED, WHERE APPLICABLE, THROUGHOUT THIS PARTS CATALOG.

## BALE CASE

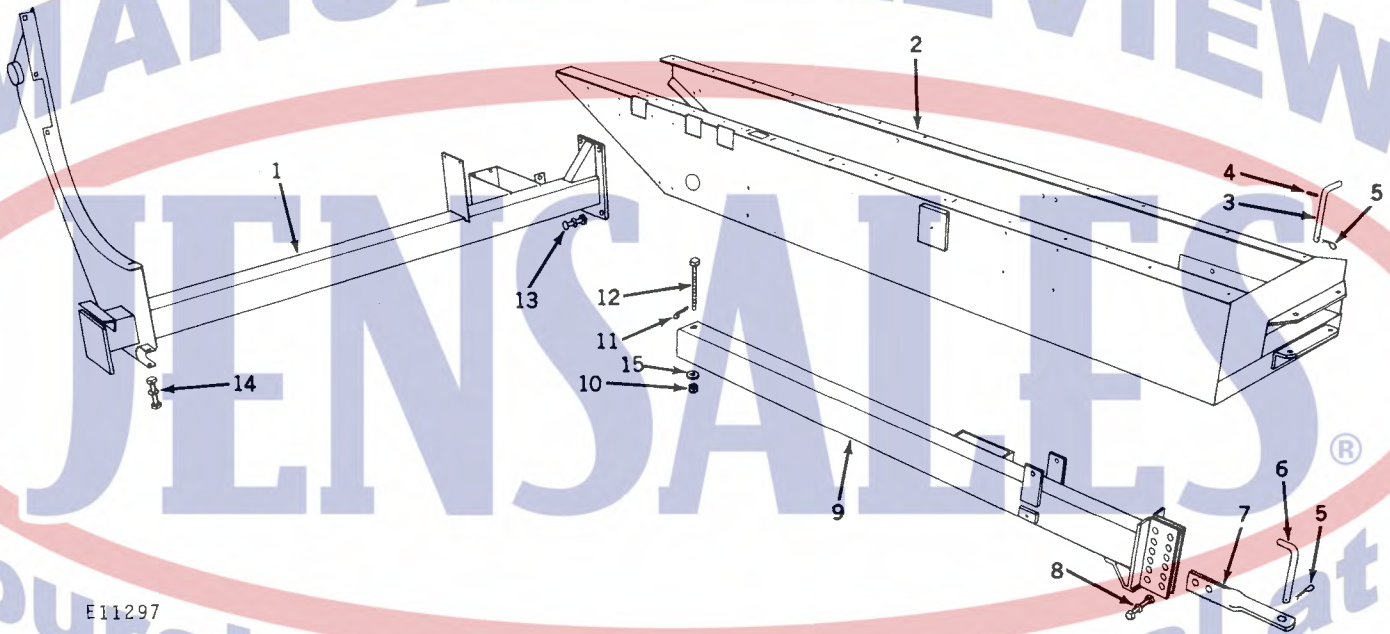


| KEY | PART NO. | SERIAL NO. | DESCRIPTION                                  |
|-----|----------|------------|----------------------------------------------|
| 1   | E 17528  | ( -7712 )  | SIDE,FRONT,R.H.                              |
|     | E 30506  | ( 7713- )  | SIDE,FRONT,R.H.                              |
| 2   | AE 13908 | ( - )      | TOP                                          |
| 3   | 3H 1519  | ( - )      | BOLT,CGE.,3/8"X1" (6 USED)                   |
|     | 14H 812  | ( - )      | NUT,HEX.,3/8" (6 USED)                       |
|     | 12H 304  | ( - )      | WASHER,LOCK,3/8" (6 USED)                    |
| 4   | AE 13943 | ( - )      | SUPPORT,FEEDER,FRONT                         |
| 5   | AE 14070 | ( - )      | SUPPORT,FEEDER,REAR                          |
| 6   | AE 13904 | ( -7100 )  | SIDE,REAR,R.H.                               |
|     | AE 15024 | ( 7101- )  | SIDE,REAR,R.H.                               |
| 7   | 9H 1637  | ( - )      | BOLT, PLOW, 3/8" X 1" (4 USED)               |
|     | 14H 812  | ( - )      | NUT,HEX.,3/8" (4 USED)                       |
|     | 12H 304  | ( - )      | WASHER,LOCK,3/8" (4 USED)                    |
| 8   | E 17530  | ( -7712 )  | FILLER,BOTTOM,R.H.                           |
|     | E 30508  | ( 7713- )  | FILLER,BOTTOM,R.H.                           |
| 9   | E 17548  | ( - )      | BRACE,R.H.                                   |
| 10  | 9H 1642  | ( - )      | BOLT, PLOW, 1/2" X 1-1/4" (4 USED)           |
|     | 14H 809  | ( - )      | NUT,HEX.,1/2" (4 USED)                       |
|     | 12H 301  | ( - )      | WASHER,LOCK,1/2" (4 USED)                    |
| 11  | AE 15038 | ( - )      | SUPPORT, EXTENSION, LOWER (SUB. FOR AE13912) |
| 12  | E 17539  | ( - )      | PLATE,FILLER                                 |
| 13  | 9H 1629  | ( - )      | BOLT, PLOW, 3/8" X 1-1/4" (4 USED)           |
|     | 14H 812  | ( - )      | NUT,HEX.,3/8" (4 USED)                       |
|     | 12H 304  | ( - )      | WASHER,LOCK,3/8" (4 USED)                    |
| 14  | AE 14686 | ( - )      | BRACE,CROSS (2 USED)                         |
| 15  | AE 13905 | ( -7100 )  | SIDE,L.H.                                    |
|     | AE 23872 | ( 7101- )  | SIDE, L.H. (SUB. FOR AE15025)                |
| 16  | 3H 1499  | ( - )      | BOLT,CGE.,1/2"X1-1/2" (8 USED)               |
|     | 14H 809  | ( - )      | NUT,HEX.,1/2" (8 USED)                       |
|     | 12H 301  | ( - )      | WASHER,LOCK,1/2" (8 USED)                    |
| 17  | E 17537  | ( - )      | SPACER,FRONT,LOWER,L.H.                      |
| 18  | E 17527  | ( - )      | CAP,END                                      |
| 19  | E 17540  | ( - )      | SPACER,FRONT,UPPER,R.H.                      |

## BALE CASE -- CONTINUED

| KEY | PART NO. | SERIAL NO. | DESCRIPTION                           |
|-----|----------|------------|---------------------------------------|
| 20  | 3H 1522  | ( - )      | BOLT,CGE.,1/2"X1-1/4" (4 USED)        |
|     | 14H 809  | ( - )      | NUT,HEX.,1/2" (4 USED)                |
|     | 12H 301  | ( - )      | WASHER,LOCK,1/2" (4 USED)             |
| 21  | 14H 812  | ( - )      | NUT,HEX.,3/8" (2 USED)                |
| 22  | AE 14830 | ( - )      | BOLT,GUIDE LOCK                       |
| 23  | AE 23196 | ( - )      | BOTTOM (SUB. FOR AE13911 AND AE15039) |
| 24  | E 20010  | ( 7101- )  | FILLER,BOTTOM (2 USED)                |
| 25  | E 38805  | ( - )      | BRACKET,LAMP                          |
| 26  | JD 126   | ( - )      | SOCKET,LAMP BRACKET                   |
| 27  | 3H 1268  | ( - )      | BOLT,CGE.,5/16"X3/4" (2 USED)         |
|     | 12H 303  | ( - )      | WASHER,LOCK,5/16" (2 USED)            |
|     | 14H 785  | ( - )      | NUT,5/16" (2 USED)                    |

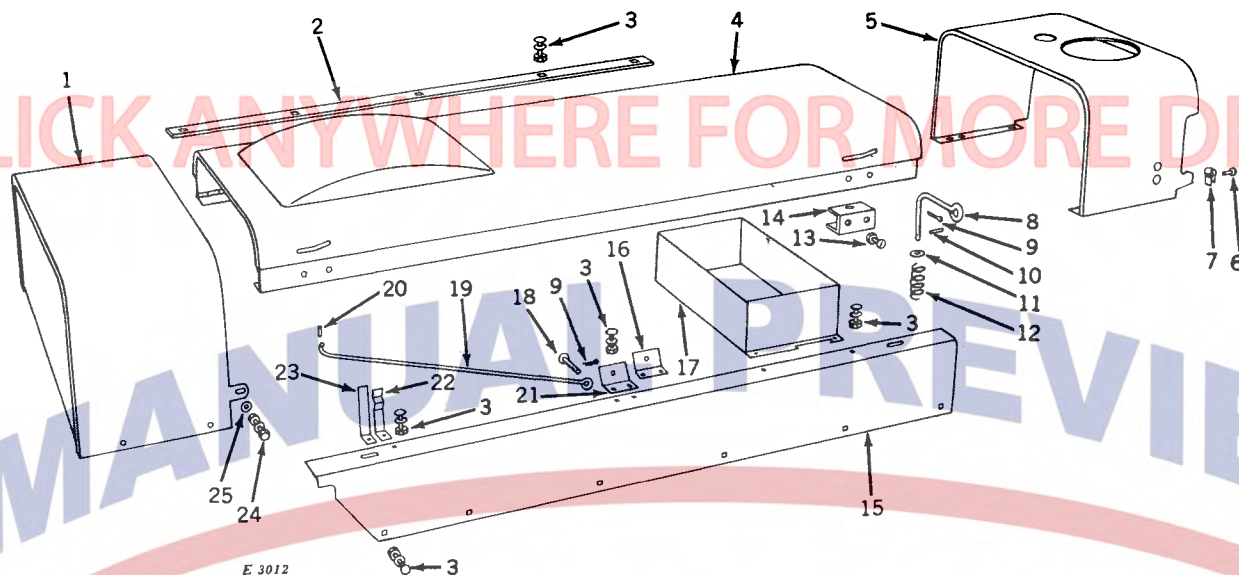
## MAIN FRAME, AXLE, AND TONGUE



E11297

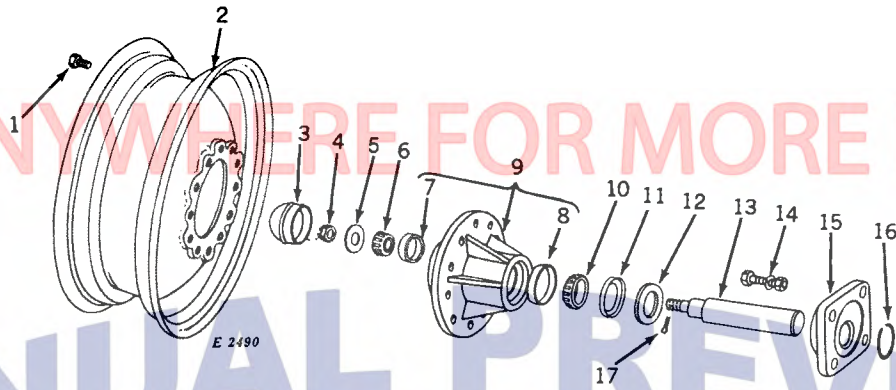
| KEY | PART NO.  | SERIAL NO. | DESCRIPTION                                     |
|-----|-----------|------------|-------------------------------------------------|
| 1   | AE 14075  | ( - )      | AXLE                                            |
| 2   | AE 13894  | ( - )      | FRAME                                           |
| 3   | E 17549   | ( - )      | PIN,LOCATING                                    |
| 4   | 25H 772   | ( - )      | PIN,GROOVE,TYPE 5,1/4"X1"                       |
| 5   | S 2955 DW | ( - )      | PIN,SPRING LOCKING (2 USED)                     |
| 6   | E 12852   | ( - )      | PIN,HITCH                                       |
| 7   | E 12854   | ( - )      | STRAP,HITCH (PTO) (2 USED)                      |
|     | E 13125   | ( - )      | STRAP,HITCH (ENGINE) (2 USED)                   |
| 8   | 19H 1824  | ( - )      | SCREW,CAP,5/8"X2-1/4" (4 USED)                  |
|     | 12H 294   | ( - )      | WASHER,LOCK,5/8" (4 USED)                       |
|     | 14H 760   | ( - )      | NUT,HEX.,5/8" (4 USED)                          |
| 9   | AE 13951  | ( - )      | TONGUE                                          |
| 10  | 14H 912   | ( - )      | NUT, SLOTTED, 3/4"                              |
| 11  | 11H 218   | ( - )      | PIN,COTTER,3/16"X1-1/2"                         |
| 12  | E 17672   | ( - )      | BOLT,PIVOT                                      |
| 13  | 19H 1708  | ( - )      | SCREW,CAP,5/8"X1-3/4" (4 USED)                  |
|     | 14H 760   | ( - )      | NUT,HEX.,5/8" (4 USED)                          |
|     | 12H 294   | ( - )      | WASHER,LOCK,5/8" (4 USED)                       |
| 14  | 19H 2128  | ( - )      | SCREW,CAP,3/8"X3"                               |
|     | 14H 812   | ( - )      | NUT,HEX.,3/8"                                   |
|     | 12H 304   | ( - )      | WASHER,LOCK,3/8"                                |
| 15  | 24H 1184  | ( - )      | WASHER, 25/32" X 1-1/4" X .105" (USE AS NEEDED) |

## BALE CASE HOOD AND SHIELDS



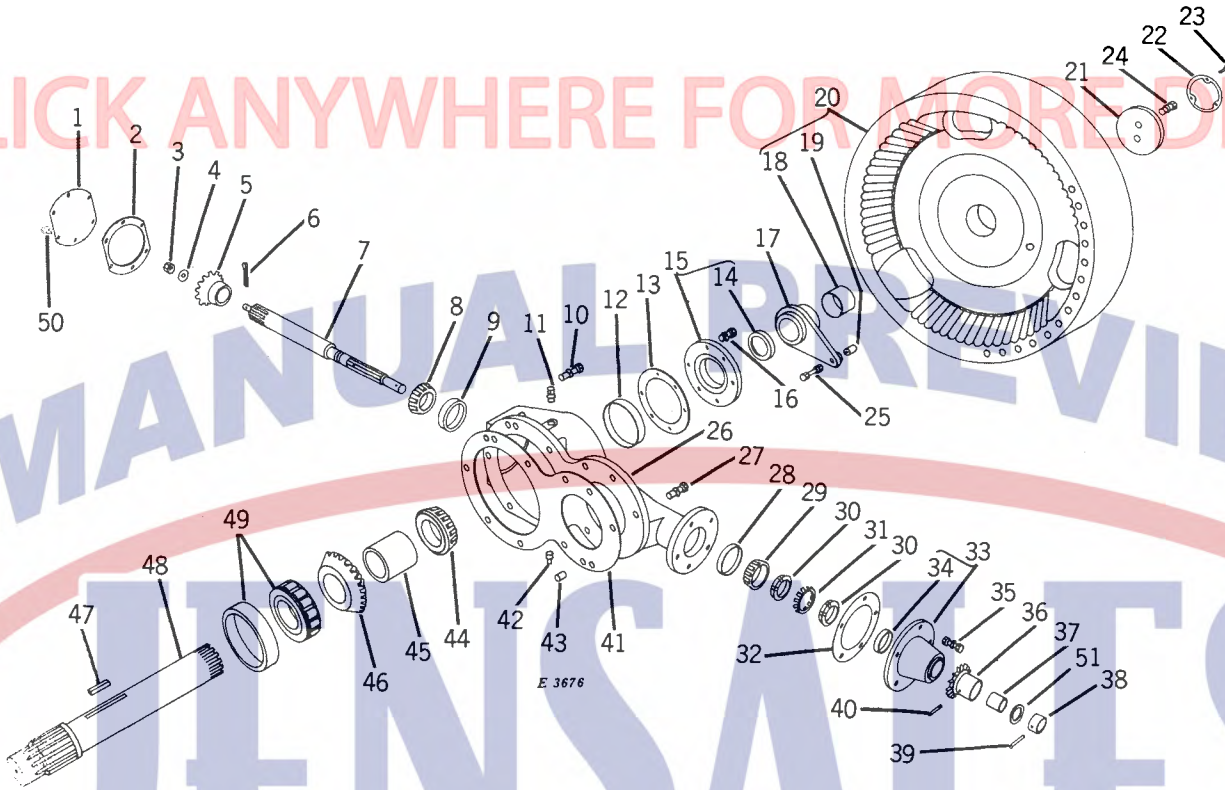
| KEY | PART NO. | SERIAL NO. | DESCRIPTION                              |
|-----|----------|------------|------------------------------------------|
| 1   | AE 32470 | ( - )      | SHIELD, FRONT (SUB. FOR AE14158)         |
| 2   | E 19306  | ( - )      | SPACER, HINGE                            |
| 3   | 3H 1268  | ( - )      | BOLT, CGE, 5/16" X 3/4" (19 USED)        |
|     | 14H 785  | ( - )      | NUT, HEX, 5/16" (19 USED)                |
|     | 12H 303  | ( - )      | WASHER, LOCK, 5/16" (19 USED)            |
| 4   | AE 14633 | ( -7100 )  | HOOD                                     |
|     | AE 15008 | ( 7101- )  | HOOD                                     |
| 5   | E 19311  | ( - )      | SHIELD, REAR                             |
| 6   | 21H 1016 | ( - )      | SCREW, MACH., 1/4" X 1/2" (6 USED)       |
| 7   | BP 13712 | ( - )      | U-NUT (6 USED)                           |
| 8   | E 19309  | ( -7100 )  | LEVER, LATCH (2 USED)                    |
|     | E 19961  | ( 7101- )  | LEVER, LATCH (2 USED)                    |
| 9   | 11H 211  | ( - )      | PIN, COTTER, 1/8" X 3/4" (3 USED)        |
| 10  | 34H 247  | ( -7100 )  | PIN, SPRING, 1/8" X 3/4" (2 USED)        |
|     | 34H 251  | ( 7101- )  | PIN, SPRING, 1/8" X 1" (2 USED)          |
| 11  | 24H 1287 | ( -7100 )  | WASHER, 9/32" X 5/8" X .060" (2 USED)    |
|     | 24H 1303 | ( 7101- )  | WASHER, 13/32" X 11/16" X .060" (2 USED) |
| 12  | 210S E   | ( -7100 )  | SPRING (2 USED)                          |
|     | H 1748 H | ( 7101- )  | SPRING (2 USED)                          |
| 13  | 21H 1311 | ( - )      | SCREW, MACH., 5/16" X 1/2" (4 USED)      |
| 14  | E 19484  | ( -7100 )  | MOUNTING, LATCH (2 USED)                 |
|     | E 19962  | ( 7101- )  | MOUNTING, LATCH (2 USED)                 |
| 15  | E 19310  | ( - )      | PANEL, INNER                             |
|     | E 19312  | ( -7100 )  | PANEL, OUTER                             |
|     | E 19964  | ( 7101- )  | PANEL, OUTER                             |
| 16  | E 19321  | ( - )      | HINGE, TOP                               |
| 17  | AE 14631 | ( - )      | BOX, TOOL                                |
| 18  | P 42926  | ( - )      | PIN, DRILLED                             |
| 19  | E 19320  | ( - )      | SUPPORT, HOOD                            |
| 20  | 34H 243  | ( - )      | PIN, SPRING, 1/8" X 1/2"                 |
| 21  | E 19337  | ( - )      | HINGE, BOTTOM                            |
| 22  | E 19322  | ( - )      | CLIP, LATCH                              |
| 23  | E 19325  | ( - )      | SUPPORT, CLIP                            |
| 24  | E 33233  | ( - )      | SCREW, SELF-TAPPING (SUB. FOR E18992)    |
| 25  | 24H 1136 | ( - )      | WASHER, 11/32" X 11/16" X .060"          |

## WHEELS AND HUBS



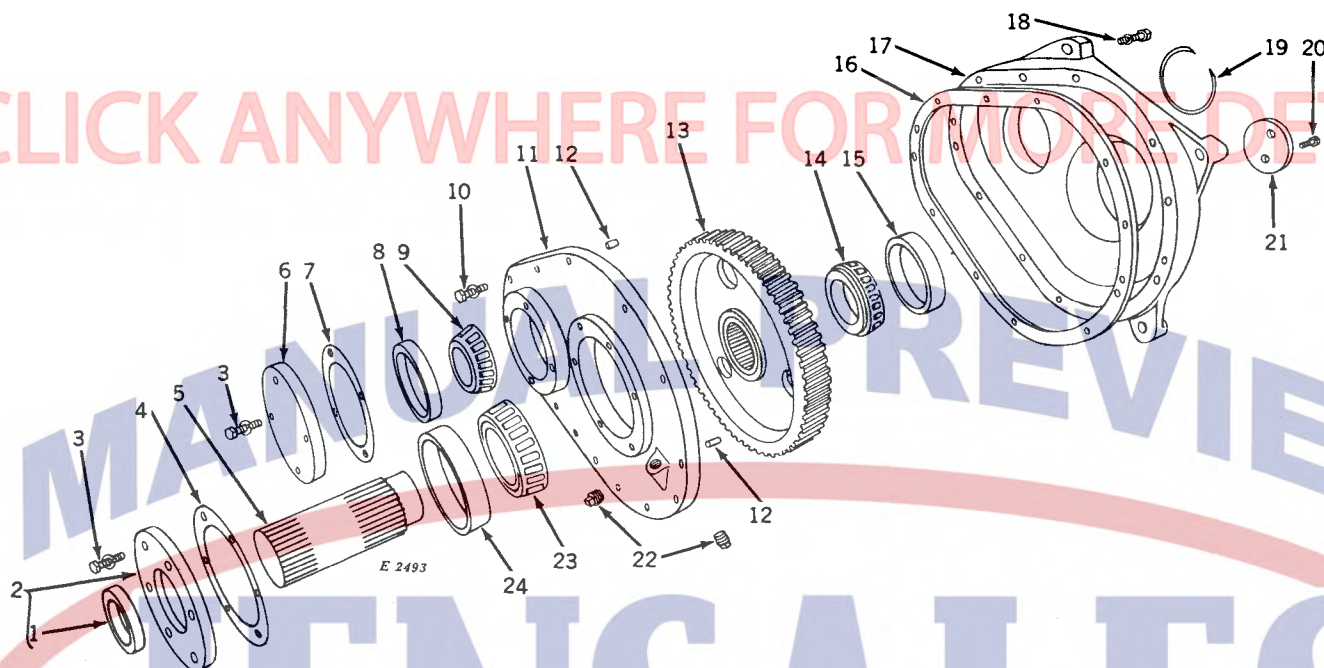
| KEY | PART NO.  | SERIAL NO. | DESCRIPTION                                                |
|-----|-----------|------------|------------------------------------------------------------|
| 1   | JD 19     | ( - )      | BOLT, WHEEL, SHORT (12 USED)                               |
|     | E 48097   | ( - )      | BOLT, WHEEL, LONG (FOR DUAL WHEEL)                         |
| 2   | JD 680    | ( - )      | WHEEL, R.H. (FOR 6.40-15 TIRE)                             |
|     | JD 679    | ( - )      | WHEEL, R.H. DUAL (FOR 6.40-15 TIRE OR SMALLER)             |
|     | JD 681    | ( - )      | WHEEL, L.H. (FOR 7.50-16 TIRE)                             |
|     | JD 688    | ( - )      | WHEEL, L.H. DUAL (6.70-15 TIRE OR SMALLER)                 |
| 3   | N 52048   | ( -8320 )  | CAP, HUB, R.H.                                             |
|     | BP 13226  | ( 8321- )  | CAP, HUB, R.H.                                             |
|     | BP 13226  | ( - )      | CAP, HUB, R.H. DUAL                                        |
|     | C 3070 E  | ( - )      | CAP, HUB, L.H.                                             |
| 4   | 14H 902   | ( - )      | NUT, SLOTTED, UNF, 3/4", R.H.                              |
|     | 14H 996   | ( - )      | NUT, SLOTTED, THICK, UNF, 3/4", L.H. REGULAR AND R.H. DUAL |
| 5   | C 2214 E  | ( -8320 )  | WASHER, RETAINING, R.H.                                    |
|     | BP 12720  | ( 8321- )  | WASHER, RETAINING, R.H.                                    |
|     | BP 12720  | ( - )      | WASHER, RETAINING, R.H. DUAL                               |
|     | E 4157 E  | ( - )      | WASHER, RETAINING, L.H.                                    |
| 6   | JD 8935   | ( -8320 )  | CONE, OUTER, R.H.                                          |
|     | JD 7372   | ( 8321- )  | CONE, OUTER, R.H.                                          |
|     | JD 8187   | ( - )      | CONE, OUTER, R.H. DUAL                                     |
|     | JD 8902   | ( - )      | CONE, OUTER, L.H.                                          |
| 7   | JD 8253   | ( -8320 )  | CUP, OUTER, R.H.                                           |
|     | JD 7409   | ( 8321- )  | CUP, OUTER, R.H.                                           |
|     | JD 8225   | ( - )      | CUP, OUTER, R.H. DUAL                                      |
|     | JD 8237   | ( - )      | CUP, OUTER, L.H.                                           |
| 8   | JD 8230   | ( -8320 )  | CUP, INNER, R.H.                                           |
|     | JD 7409   | ( 8321- )  | CUP, INNER, R.H.                                           |
|     | JD 8205   | ( - )      | CUP, INNER, R.H. DUAL                                      |
|     | JD 8247   | ( - )      | CUP, INNER, L.H.                                           |
| 9   | AE 12599  | ( -8320 )  | HUB, R.H. (SUB. FOR E14807)                                |
|     | AM 3071 E | ( 8321- )  | HUB, R.H. (SUB. FOR BP1661E)                               |
|     | AM 3463 E | ( - )      | HUB, R.H. DUAL (SUB. FOR BP1743E)                          |
|     | AE 14627  | ( - )      | HUB, L.H. (SUB. FOR E19399)                                |
| 10  | JD 8194   | ( -8320 )  | CONE, INNER, R.H.                                          |
|     | JD 7362   | ( 8321- )  | CONE, INNER, R.H.                                          |
|     | JD 8144   | ( - )      | CONE, INNER, R.H. DUAL                                     |
|     | JD 8922   | ( - )      | CONE, INNER, L.H.                                          |
| 11  | E 18979   | ( - )      | SEAL, R.H. DUAL                                            |
|     | BP 13829  | ( - )      | SEAL, L.H.                                                 |
|     | BP 13166  | ( - )      | SEAL, R.H.                                                 |
| 12  | E 45201   | ( - )      | SPACER, BEARING, R.H. DUAL (SUB. FOR E17937)               |
| 13  | AE 13785  | ( -8320 )  | SPINDLE AND NUT, R.H.                                      |
|     | AM 3496 E | ( 8321- )  | SPINDLE AND NUT, R.H.                                      |
|     | AM 3509 E | ( - )      | SPINDLE AND NUT, R.H. DUAL                                 |
|     | AE 14751  | ( - )      | SPINDLE AND NUT, L.H.                                      |
| 14  | 19H 1721  | ( - )      | SCREW, CAP, 1/2" X 1-1/2", R.H. (4 USED)                   |
|     | 14H 809   | ( - )      | NUT, HEX., 1/2" (4 USED)                                   |
|     | 12H 301   | ( - )      | WASHER, LOCK, 1/2" (4 USED)                                |
|     | 19H 1965  | ( - )      | SCREW, CAP, 5/8" X 2", L.H. (4 USED)                       |
|     | 14H 760   | ( - )      | NUT, HEX., 5/8" (4 USED)                                   |
|     | 12H 294   | ( - )      | WASHER, LOCK, 5/8" (4 USED)                                |
| 15  | E 14623   | ( - )      | MOUNTING, SPINDLE, R.H.                                    |
|     | E 16995   | ( - )      | MOUNTING, SPINDLE, R.H. DUAL                               |
|     | E 19397   | ( - )      | MOUNTING, SPINDLE, L.H.                                    |
| 16  | C 3938 E  | ( - )      | RING, SNAP, R.H.                                           |
|     | BP 13616  | ( - )      | RING, SNAP, R.H. DUAL                                      |
|     | C 3926 E  | ( - )      | RING, SNAP, L.H.                                           |
| 17  | 11H 240   | ( - )      | PIN, COTTER, 5/32" X 1-1/2" (2 USED)                       |

## BEVEL GEAR CASE



| KEY | PART NO. | SERIAL NO. | DESCRIPTION                                          |
|-----|----------|------------|------------------------------------------------------|
| 1   | E 17370  | ( - )      | COVER                                                |
| 2   | E 17369  | ( - )      | GASKET (SUB. AE32187)                                |
| 3   | 14H 926  | ( - )      | NUT, SLOTTED, UNF, 1/2"                              |
| 4   | E 19289  | ( - )      | WASHER,RETAINING                                     |
| 5   | E 19236  | ( - )      | GEAR,BEVEL,18-TOOTH                                  |
| 6   | 11H 231  | ( - )      | PIN,COTTER,1/16"X1"                                  |
| 7   | E 19235  | ( - )      | SHAFT                                                |
| 8   | JD 7395  | ( - )      | CONE,REAR                                            |
| 9   | JD 7418  | ( - )      | CUP,REAR                                             |
| 10  | 19H 1930 | ( - )      | SCREW,CAP,1/2"X2-1/2" (4 USED)                       |
|     | 12H 301  | ( - )      | WASHER,LOCK,1/2" (4 USED)                            |
| 11  | JD 5801  | ( - )      | BREATHER                                             |
| 12  | JD 7416  | ( - )      | CUP,SIDE                                             |
| 13  | E 17365  | ( - )      | SHIM, .005" (0.13 MM) (USE AS NEEDED)                |
|     | E 17366  | ( - )      | SHIM, .007" (0.18 MM) (USE AS NEEDED)                |
|     | E 17367  | ( - )      | SHIM, .020" (0.51 MM) (USE AS NEEDED)                |
| 14  | E 17474  | ( - )      | SEAL                                                 |
| 15  | AE 13863 | ( - )      | CAP, SIDE, WITH SEAL (SUB. FOR E17361)               |
| 16  | 19H 1800 | ( - )      | SCREW,CAP,3/8"X1-1/2" (6 USED)                       |
|     | 12H 304  | ( - )      | WASHER,LOCK,3/8" (6 USED)                            |
| 17  | E 17383  | ( - )      | ARM,SHEAR BOLT                                       |
| 18  | E 17359  | ( - )      | BUSHING                                              |
| 19  | BP 14087 | ( - )      | SLEEVE                                               |
| 20  | AE 13862 | ( - )      | FLYWHEEL WITH BUSHING AND SLEEVE (SUB. FOR E17360)   |
| 21  | E 17382  | ( - )      | RETAINER,FLYWHEEL                                    |
| 22  | E 19323  | ( - )      | COVER, DUST (SUB. FOR E16501)                        |
| 23  | 21H 1141 | ( - )      | SCREW,MACH.,1/4"X1/4" (3 USED)                       |
|     | 12H 302  | ( - )      | WASHER,LOCK,1/4" (3 USED)                            |
| 24  | E 17374  | ( - )      | BOLT, DRILLED (2 USED)                               |
| 25  | BP 13931 | ( - )      | BOLT, SHEAR (SUB. FOR AE14495)                       |
|     | E 45229  | ( - )      | NUT, LOCK, 1/4" (SUB. FOR E36563)                    |
| 26  | AE 15070 | ( - )      | CASE, GEAR, WITH END CAP (SUB. FOR E19975 OR E17387) |
| 27  | 19H 1721 | ( - )      | SCREW,CAP,1/2"X1-1/2" (6 USED)                       |
|     | 12H 301  | ( - )      | WASHER,LOCK,1/2" (6 USED)                            |

## MAIN GEAR CASE



| KEY | PART NO. | SERIAL NO. | DESCRIPTION                             |
|-----|----------|------------|-----------------------------------------|
| 1   | E 17475  | ( - )      | SEAL                                    |
| 2   | AE 13864 | ( - )      | CAP, FRONT, WITH SEAL (SUB. FOR E17362) |
| 3   | 19H 1721 | ( - )      | SCREW,CAP,1/2"X1-1/2" (10 USED)         |
|     | 12H 301  | ( - )      | WASHER,LOCK,1/2" (10 USED)              |
| 4   | E 17375  | ( - )      | SHIM, .005" (0.13 MM)(USE AS NEEDED)    |
|     | E 17376  | ( - )      | SHIM, .007" (0.18 MM)(USE AS NEEDED)    |
|     | E 17378  | ( - )      | SHIM, .020" (0.51 MM)(USE AS NEEDED)    |
| 5   | E 17385  | ( - )      | SHAFT,CRANK                             |
| 6   | E 17373  | ( - )      | CAP,REAR                                |
| 7   | E 17371  | ( - )      | SHIM, .005" (0.13 MM)(USE AS NEEDED)    |
|     | E 17372  | ( - )      | SHIM, .020" (0.51 MM)(USE AS NEEDED)    |
|     | E 17377  | ( - )      | SHIM, .007" (0.18 MM)(USE AS NEEDED)    |
| 8   | JD 8270  | ( - )      | CUP,FLYWHEEL SHAFT,R.H.                 |
| 9   | JD 8987  | ( - )      | CONE,FLYWHEEL SHAFT,R.H.                |
| 10  | 19H 1777 | ( - )      | SCREW,CAP,1/2"X1-3/4" (11 USED)         |
|     | 12H 301  | ( - )      | WASHER, LOCK, 1/2" (11 USED)            |
| 11  | E 17388  | ( - )      | COVER                                   |
| 12  | BP 13613 | ( - )      | PIN,DOWEL (2 USED)                      |
| 13  | E 19056  | ( - )      | GEAR,MAIN DRIVE                         |
| 14  | JD 8977  | ( - )      | CONE,CRANK SHAFT,L.H.                   |
| 15  | JD 8266  | ( - )      | CUP,CRANK SHAFT,L.H.                    |
| 16  | E 17380  | ( - )      | GASKET                                  |
| 17  | E 17389  | ( - )      | CASE,MAIN GEAR                          |
| 18  | 19H 1734 | ( - )      | SCREW,CAP,5/8"X2" (4 USED)              |
|     | 12H 294  | ( - )      | WASHER,LOCK,5/8" (4 USED)               |
| 19  | E 18730  | ( - )      | RING, SNAP                              |
| 20  | E 17374  | ( - )      | BOLT, DRILLED (2 USED)                  |
| 21  | E 17368  | ( - )      | WASHER,RETAINING                        |
| 22  | 15H 623  | ( - )      | PLUG,PIPE,3/8" (2 USED)                 |
| 23  | JD 8923  | ( - )      | CONE,CRANK SHAFT,R.H.                   |
| 24  | JD 8248  | ( - )      | CUP,CRANK SHAFT,R.H.                    |