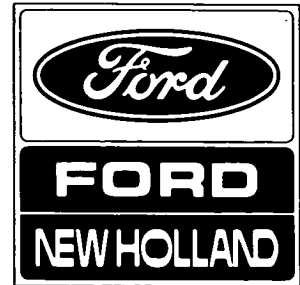


Service Parts Catalog
Liste de Pièces de Rechange
Ersatzteilliste
Catalogo Pezzi di Ricambio
Onderdelenlijst



MODELS

790 FORAGE HARVESTER

717 SICKLE BAR

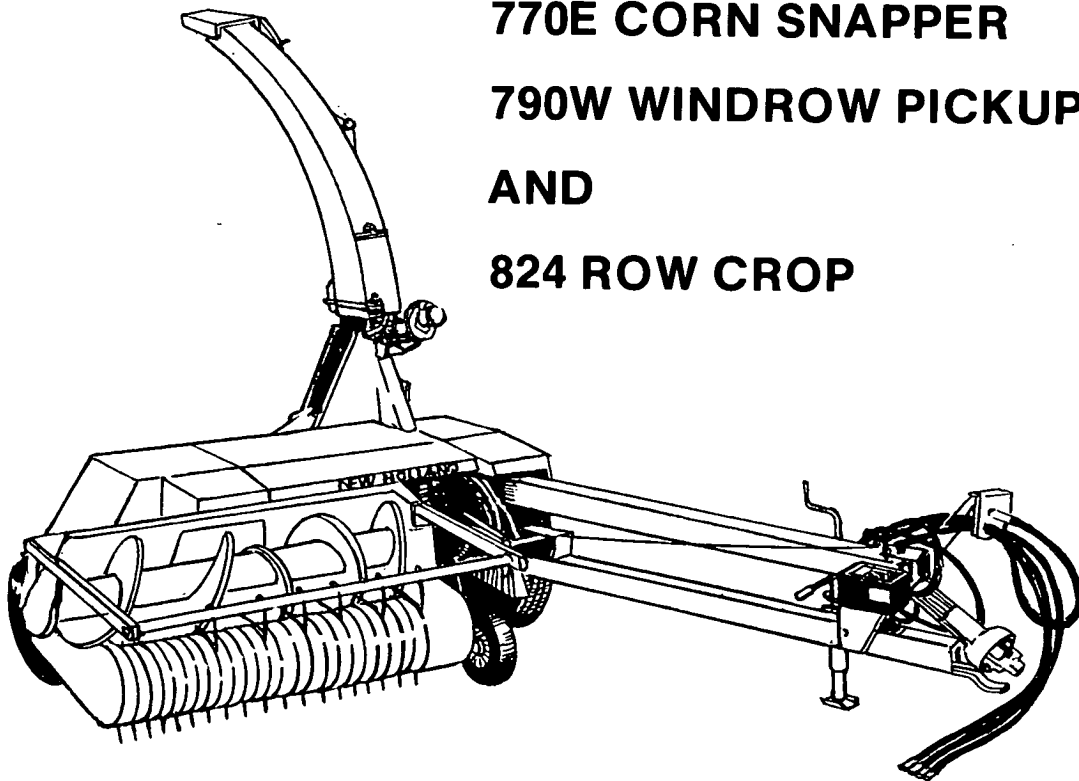
722R ROW CROP

770E CORN SNAPPER

790W WINDROW PICKUP

AND

824 ROW CROP



Catalog 5079061

ISSUE 8-90

GENERAL INFORMATION

1. WHENEVER THE TERMS LEFT OR RIGHT ARE USED, IT SHOULD BE UNDERSTOOD TO MEAN FROM A POSITION FACING IN DIRECTION OF TRAVEL.
2. THROUGHOUT THIS MANUAL YOU FIND COMMON HARDWARE, NOT ILLUSTRATED, BUT LISTED IN THE DESCRIPTION COLUMN. THE SERVICE PART IMMEDIATELY PRECEDING A HARDWARE LISTING IS THE PART USING THESE PARTICULAR ITEMS FOR MOUNTING PURPOSES. THIS HARDWARE IS NOT INCLUDED WITH THE SERVICE PART OR ASSEMBLY WHEN ORDERED AS A REPLACEMENT.
3. FORD NEW HOLLAND IS CONTINUALLY STRIVING TO IMPROVE ITS PRODUCTS. WE MUST, THEREFORE, RESERVE THE RIGHT TO MAKE IMPROVEMENTS OR CHANGES WHEN IT BECOMES PRACTICAL AND POSSIBLE TO DO SO; WITHOUT INCURRING ANY OBLIGATION TO MAKE CHANGES OR ADDITIONS TO THE EQUIPMENT SOLD PREVIOUSLY.

ALWAYS USE GENUINE FORD NEW HOLLAND PARTS

FORD NEW HOLLAND INC., 500 DILLER AVENUE, NEW HOLLAND, PA 17557

MODEL 790 FORAGE HARVESTER
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| 790W - 127567 | 824 ROW CROP - 644592 | 770E CORN SNAPPER - 247532 |
| 4.5" FORD MEDALLION - 9619679 | | |

METRIC AND INCH HARDWARE

ALLOWANCES HAVE BEEN MADE IN PUNCHED AND DRILLED HOLES TO ALLOW INTERCHANGEABILITY OF METRIC AND INCH DIMENSION HARDWARE IN FASTENING AND MOUNTING APPLICATIONS. HOWEVER, THIS INTERCHANGEABILITY DOES NOT APPLY TO TAPPED HOLES OR USING METRIC DIMENSION NUTS ON INCH CAP SCREWS, STUDS AND BOLTS. LIKEWISE, INCH DIMENSION NUTS CANNOT BE USED ON METRIC CAP SCREWS, STUDS OR BOLTS.

FOLLOWING IS A LISTING OF COMMON SIZES FOR SUBSTITUTION.

| INCHES | MILLIMETERS |
|----------------|-------------|
| SCREW DIAMETER | |
| 3/16" | 5mm |
| 1/4" | 6mm |
| 5/16" | 8mm |
| * 3/8" | *10mm |
| 1/2" | 12mm |
| 9/16" | 14mm |
| 5/8" | 16mm |
| SCREW LENGTH | |
| 5/8" | 15mm |
| 3/4" | 20mm |
| * 1" | *25mm |
| 1 1/4" | 30mm |
| 1 3/8" | 35mm |
| 1 1/2" | 40mm |
| 1 3/4" | 45mm |
| 2" | 50mm |
| 2 1/4" | 60mm |
| 2 3/4" | 70mm |
| 3" | 80mm |
| 3 1/2" | 90mm |
| 4" | 100mm |

*EXAMPLE: FOR MOST APPLICATIONS A 3/8" x 1" CAP SCREW AND NUT CAN BE REPLACED BY A 10mm x 25mm CAP SCREW AND NUT.

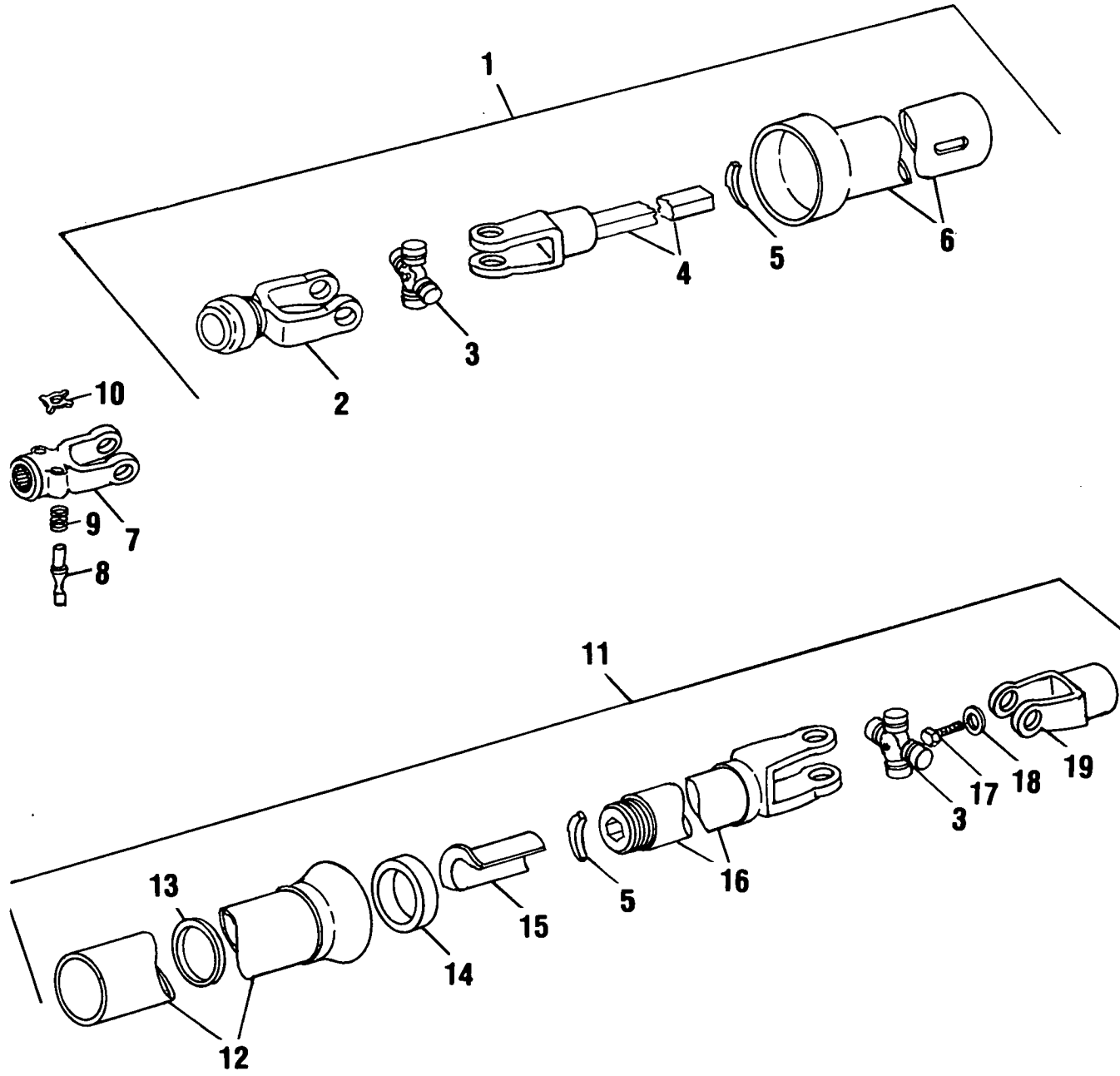
FOR ADDITIONAL SIZE INFORMATION AND POSSIBLE SUBSTITUTIONS, EITHER INCH TO METRIC OR METRIC TO INCH, PLEASE REFER TO THE CONVERSION TABLE IN THIS CATALOG.

CONVERSION TABLE

INCH FRACTIONS AND DECIMALS TO MILLIMETER EQUIVALENTS

| INCHES | | mm | INCHES | | mm | INCHES | | mm | INCHES | | mm |
|--------|-------|-------|--------|-------|--------|---------|-------|--------|--------|--------|-------|
| Fract. | Dec. | | Fract. | Dec. | | Fract. | Dec. | | Fract. | Dec. | |
| — | .0004 | .01 | — | .3 | 7.620 | — | .7874 | 20 | — | 1.969 | 50 |
| — | .001 | .0250 | 5/16 | .3125 | 7.938 | 51/64 | .7969 | 20.241 | 2 | 2.000 | 50.8 |
| — | .0039 | .10 | — | .3150 | 8 | 13/16 | .8125 | 20.638 | 2 1/8 | 2.125 | 54 |
| — | .005 | .127 | 21/64 | .3281 | 8.334 | — | .8268 | 21 | — | 2.165 | 55 |
| — | .0079 | .2 | — | .3346 | 8.5 | 53/64 | .8281 | 21.034 | 2 1/4 | 2.250 | 57.2 |
| — | .0098 | .25 | 11/32 | .3438 | 8.731 | 27/32 | .8438 | 21.431 | — | 2.362 | 60 |
| — | .01 | .254 | — | .3543 | 9 | 55/64 | .8594 | 21.828 | 2 3/8 | 2.375 | 60.3 |
| — | .0118 | .3 | 23/64 | .3594 | 9.128 | — | .8662 | 22 | 2 1/2 | 2.500 | 63.5 |
| 1/64 | .0156 | .397 | — | .3740 | 9.5 | 7/8 | .8750 | 22.225 | — | 2.559 | 65 |
| — | .0157 | .4 | 3/8 | .375 | 9.525 | 57/64 | .8906 | 22.622 | 2 5/8 | 2.625 | 66.7 |
| — | .0197 | .5 | 25/64 | .3906 | 9.922 | — | .9 | 22.860 | 2 3/4 | 2.750 | 69.9 |
| — | .0236 | .6 | — | .3937 | 10 | — | .9055 | 23 | — | 2.756 | 70 |
| — | .025 | .635 | — | .4 | 10.160 | 29/32 | .9063 | 23.019 | 2 7/8 | 2.875 | 73 |
| — | .0276 | .7 | 13/32 | .4062 | 10.319 | 59/64 | .9219 | 23.416 | — | 2.953 | 75 |
| — | .0295 | .75 | — | .4134 | 10.5 | 15/16 | .9375 | 23.813 | 3 | 3.000 | 76.2 |
| 1/32 | .0313 | .794 | 27/64 | .4219 | 10.716 | — | .9449 | 24 | — | 3.150 | 80 |
| — | .0315 | .8 | — | .4331 | 11 | 61/64 | .9531 | 24.209 | 3 1/4 | 3.250 | 82.6 |
| — | .0354 | .9 | 7/16 | .4375 | 11.113 | 31/32 | .9688 | 24.606 | — | 3.346 | 85 |
| — | .0394 | 1 | 29/64 | .4531 | 11.509 | — | .9843 | 25 | 3 1/2 | 3.500 | 88.9 |
| 3/64 | .0469 | 1.191 | 15/32 | .4688 | 11.906 | 1 | 1.000 | 25.400 | — | 3.543 | 90 |
| — | .0472 | 1.2 | — | .4724 | 12 | — | 1.024 | 26 | — | 3.740 | 95 |
| — | .05 | 1.270 | 31/64 | .4844 | 12.303 | 1 1/16 | 1.062 | 26.988 | 3 3/4 | 3.750 | 95.3 |
| — | .0551 | 1.4 | — | .4921 | 12.5 | — | 1.063 | 27 | — | 3.937 | 100 |
| — | .0591 | 1.5 | 1/2 | .5 | 12.700 | — | 1.102 | 28 | 4 | 4.000 | 101.6 |
| 1/16 | .0625 | 1.588 | — | .5118 | 13 | 1 1/8 | 1.125 | 28.575 | — | 4.331 | 110 |
| — | .0669 | 1.7 | 33/64 | .5156 | 13.097 | — | 1.142 | 29 | 4 1/2 | 4.500 | 114.3 |
| — | .075 | 1.905 | 17/32 | .5326 | 13.494 | — | 1.181 | 30 | — | 4.724 | 120 |
| 5/64 | .0781 | 1.984 | — | .5315 | 13.5 | 1 3/16 | 1.188 | 30.16 | 5 | 5.000 | 127 |
| — | .0787 | 2 | 35/64 | .5469 | 13.891 | — | 1.221 | 31 | — | 5.118 | 130 |
| — | .0906 | 2.3 | — | .5512 | 14 | 1 1/4 | 1.250 | 31.75 | 5 1/2 | 5.500 | 139.7 |
| 3/32 | .0938 | 2.381 | 9/16 | .5625 | 14.288 | — | 1.260 | 32 | — | 5.512 | 140 |
| — | .0984 | 2.5 | — | .571 | 14.5 | — | 1.299 | 33 | — | 5.906 | 150 |
| — | .1 | 2.540 | 37/64 | .5781 | 14.684 | 1 5/16 | 1.312 | 33.34 | 6 | 6.000 | 152.4 |
| — | .1024 | 2.6 | — | .5906 | 15 | — | 1.339 | 34 | — | 6.299 | 160 |
| 7/64 | .1093 | 2.776 | 19/32 | .5938 | 15.081 | 1 3/8 | 1.375 | 34.93 | 6 1/2 | 6.500 | 165.1 |
| — | .1181 | 3 | — | .6 | 15.240 | — | 1.378 | 35 | 7 | 7.000 | 177.8 |
| 1/8 | .125 | 3.175 | 39/64 | .6094 | 15.478 | — | 1.417 | 36 | — | 7.087 | 180 |
| — | .1378 | 3.5 | — | .6103 | 15.5 | 1 7/16 | 1.438 | 36.51 | 7 1/2 | 7.500 | 190.5 |
| 9/64 | .1406 | 3.572 | 5/8 | .6250 | 15.875 | — | 1.457 | 37 | — | 7.874 | 200 |
| 5/32 | .1563 | 3.969 | — | .6299 | 16 | — | 1.496 | 38 | 8 | 8.000 | 203.2 |
| — | .1575 | 4 | 41/64 | .6406 | 16.272 | 1 1/2 | 1.500 | 38.10 | 8 1/2 | 8.500 | 215.9 |
| 11/64 | .1719 | 4.366 | — | .6496 | 16.5 | — | 1.535 | 39 | — | 8.661 | 220 |
| — | .1772 | 4.5 | 21/32 | .6563 | 16.669 | 1 9/16 | 1.562 | 39.69 | 9 | 9.000 | 228.6 |
| 3/16 | .1875 | 4.763 | — | .6693 | 17 | — | 1.575 | 40 | — | 9.449 | 240 |
| — | .1969 | 5 | 43/64 | .6719 | 17.066 | — | 1.614 | 41 | 9 1/2 | 9.500 | 241.3 |
| — | .2 | 5.080 | 11/16 | .6875 | 17.463 | 1 5/8 | 1.625 | 41.28 | — | 9.843 | 250 |
| 13/64 | .2031 | 5.159 | — | .6890 | 17.5 | — | 1.654 | 42 | 10 | 10.000 | 254 |
| — | .2165 | 5.5 | — | .7 | 17.780 | 1 11/16 | 1.688 | 42.86 | — | 10.236 | 260 |
| 7/32 | .2188 | 5.556 | 45/64 | .7031 | 17.859 | — | 1.693 | 43 | 11 | 11.000 | 279.4 |
| 15/64 | .2344 | 5.953 | — | .7087 | 18 | — | 1.732 | 44 | — | 11.024 | 280 |
| — | .2362 | 6 | 23/32 | .7188 | 18.256 | 1 3/4 | 1.750 | 44.45 | — | 11.811 | 300 |
| 1/4 | .25 | 6.350 | — | .7283 | 18.5 | — | 1.772 | 45 | 12 | 12.000 | 304.8 |
| — | .2559 | 6.5 | 47/64 | .7344 | 18.653 | — | 1.811 | 46 | 13 | 13.000 | 330.2 |
| 17/64 | .2656 | 6.747 | — | .7480 | 19 | 1 13/16 | 1.813 | 46.04 | — | 13.780 | 350 |
| — | .2756 | 7 | 3/4 | .75 | 19.050 | — | 1.850 | 47 | 14 | 14.000 | 355.6 |
| 9/32 | .2813 | 7.144 | 49/64 | .7656 | 19.447 | 1 7/8 | 1.875 | 47.63 | 15 | 15.000 | 381 |
| — | .2953 | 7.5 | — | .7677 | 19.5 | — | 1.890 | 48 | — | 15.748 | 400 |
| 19/64 | .2969 | 7.541 | 25/32 | .7813 | 19.844 | — | 1.929 | 49 | 16 | 16.000 | 406.4 |

MODEL 790 FORAGE HARVESTER
PTO ASSEMBLY
(540 RPM)



MODEL 790 FORAGE HARVESTER
PTO ASSEMBLY
(540 RPM)

| Ref. No. | Part No. | No. Used | Description |
|----------|-------------|----------|---|
| 1 | 856614 | 1 | Front PTO Assembly (Includes Ref. Nos. 2 thru 6) --- Replaces 718296 |
| 2 | * 850618 | 2 | Yoke Assembly, Slide Collar (Includes these components) --- Replaces 573185 |
| | | 1 | N.S.S. Yoke NEAPCO |
| | | 1 | 855719 Locking Ring NEAPCO |
| | | 1 | 855718 Spring NEAPCO |
| | | 1 | 855717 Ball NEAPCO |
| | | 1 | 855716 Slide Collar NEAPCO |
| | | 1 | N.S.S. Yoke WALTERSCHEID |
| | | 1 | 27503 Retaining Ring WALTERSCHEID |
| | | 1 ¶ | 856120 Spring HAYES DANA |
| | | 1 ¶ | 856122 Collar HAYES DANA |
| | | 2 ¶ | 856121 Locking Segment HAYES DANA |
| | | AR | 279474 Kit for WALTERSCHEID Yokes with 3 Balls (Includes 3 Balls and 1 Retaining Ring) |
| 3 | 126761 | 2 | Spider Bearing Assembly |
| 4 | 710004 | 1 | Yoke and Shaft |
| 5 | 185746 | 8 | Bearing, Quarter |
| 6 | 710003 | 1 | Outer Shield |
| 7 | N.S. 573185 | 1 | Yoke |
| 8 | + 236068 | 1 | Yoke Pin |
| 9 | + 26981 | 1 | Spring |
| 10 | + 40305 | 1 | "X" Washer |
| 11 | 718297 | 1 | Rear PTO Assembly (Includes Ref. Nos. 3, 5 and 12 thru 19) |
| 12 | 710002 | 1 | Inner Shield |
| 13 | 612312 | 1 | Shield Support Bearing |
| 14 | 606352 | 1 | Cap |
| 15 | 710014 | 2 | Bushing |
| 16 | 606829 | 1 | Yoke and Tube Weld Assembly (Includes Ref. Nos. 10 and 11) |
| | | 2 | 87414 Grease Fitting, 1/4"-28, Straight, Self-Tapping |
| 17 | 88494 | 1 | Cap Screw, Hex Head, Grade 5, 5/8" x 1 3/4" |
| | | 1 | 84057 Lockwasher, 5/8" |
| 18 | 141781 | 1 | Washer, Special |
| 19 | 136989 | 1 | Yoke |

AR - As Required

N.S.S. - Not Serviced Separately

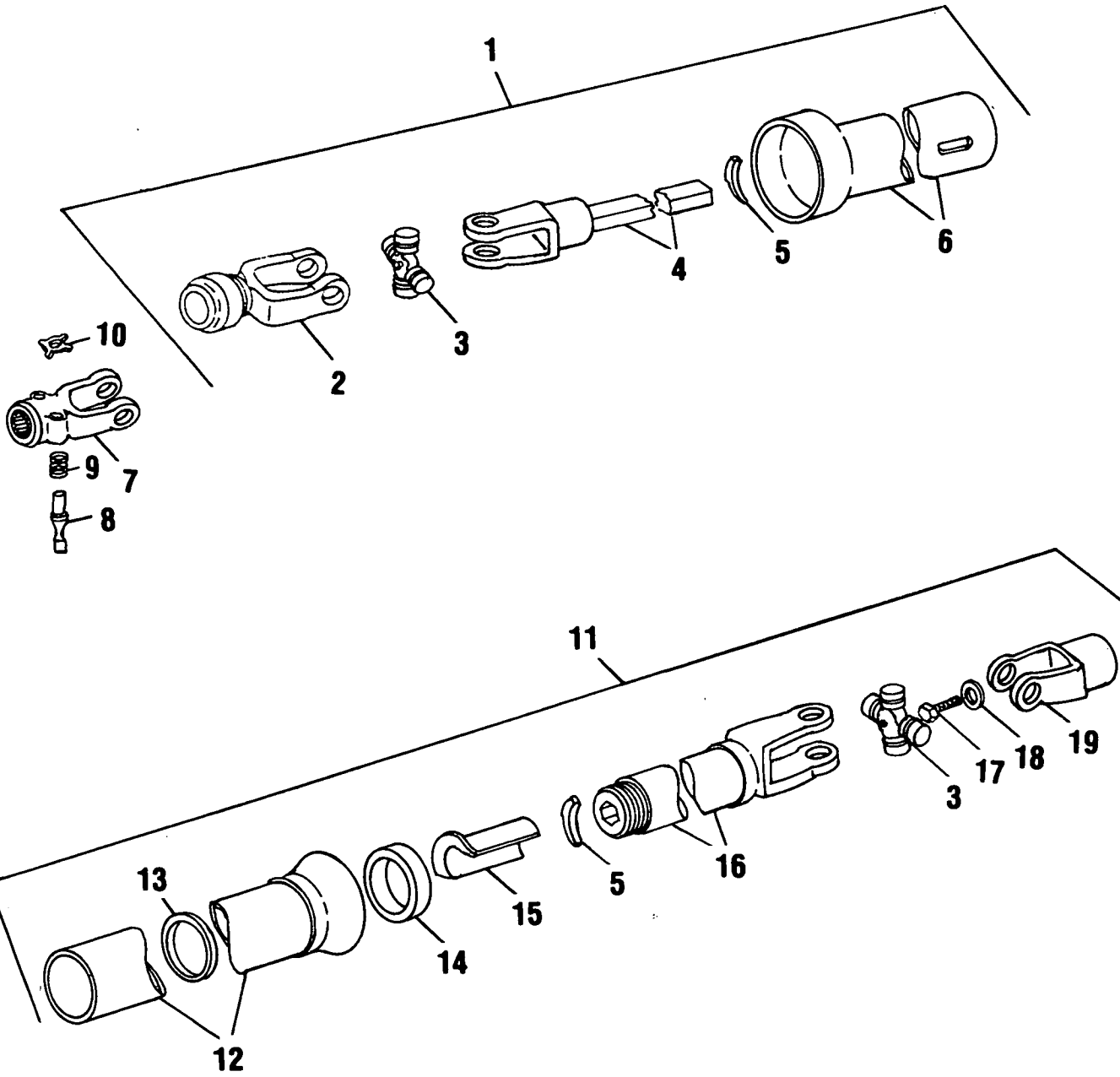
N.S. - Not Stocked

+ Services Old Style Yoke 573185, Ref. No. 7

* Neapco has the letters "NP" cost into the yoke

¶ No longer available, when present stock is used, service with complete Yoke Assembly No. 850618

MODEL 790 FORAGE HARVESTER
PTO ASSEMBLY
(1000 RPM)



AH: ROGER GRUNDER

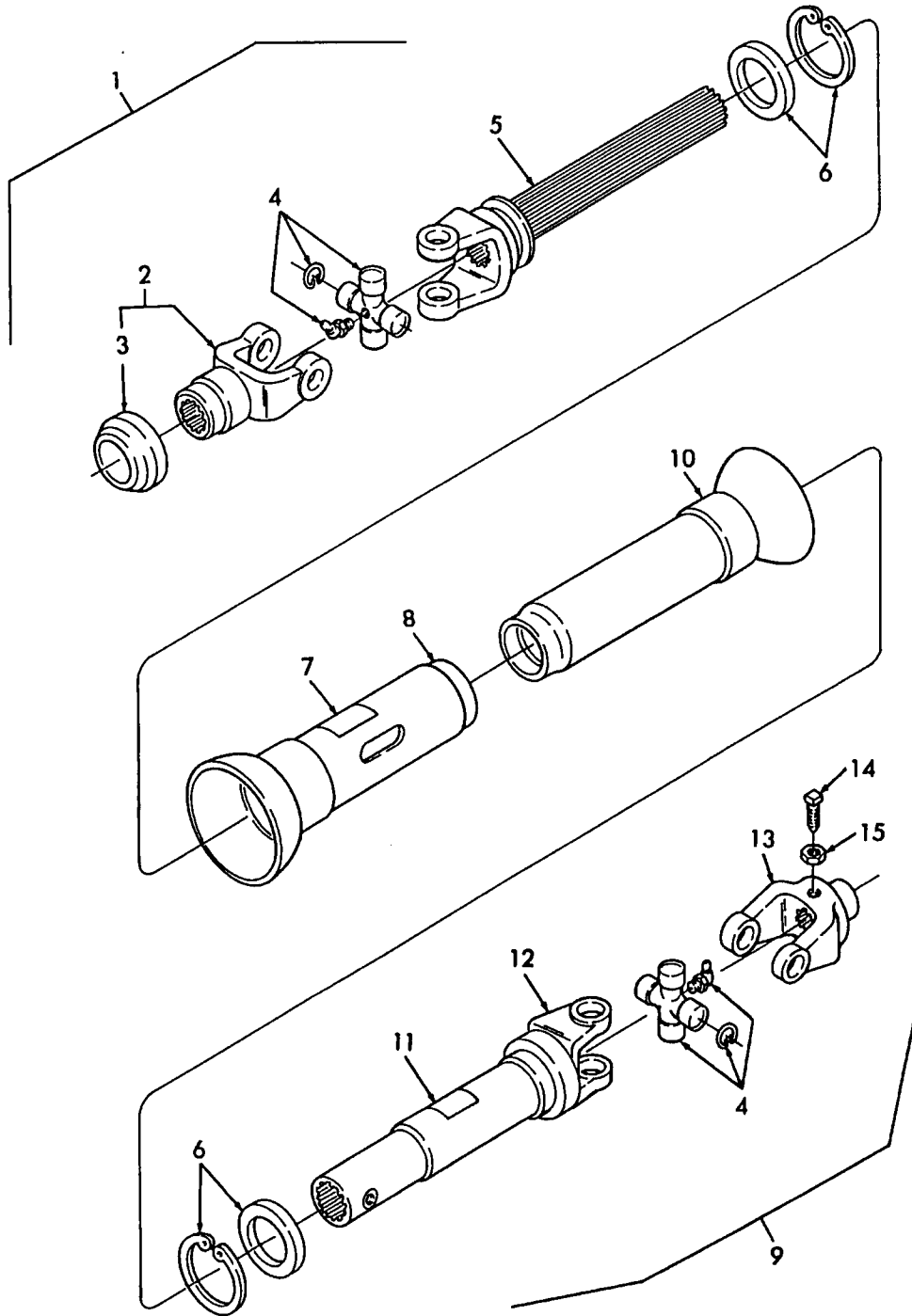
Roger

concerne : NH 790.

En annexe vous trouvez
l'information depuis 1994

Salutations

Robert



| Ref # | Part Number | Qty | Description |
|-------|-------------|-----|---|
| 1 | 86505708 | 1 | PTO Drive Assy., Front, PTO Front Drive Assy., 540 RPM |
| 1 | 86505709 | 1 | PTO Drive Assy., Front Includes: Ref. 2 thru 8, PTO Front Drive Assy., 1000 RPM |
| 2 | 86505711 | 1 | Yoke Assy., Safety Slide Lock, PTO Front Drive Assy., 1000 RPM |
| 2 | 86505372 | 1 | Yoke Assy., Safety Slide Lock Includes: Ref. 3 |
| 3 | 86505380 | 1 | Kit, Repair, Safety Slide Lock |
| 4 | 86505373 | 2 | Kit, Cross & Bearing |
| 5 | 86505712 | 1 | Yoke & Shaft Assy. |
| 6 | 86505713 | 2 | Kit, Repair, Nylon Bearing |
| 7 | 849471 | 1 | Sign, Safety |
| 8 | 86505714 | 1 | Guard, Outer |
| 9 | 86505710 | 1 | PTO Drive Assy., Rear Includes: Ref. 4,6 & 10 thru 15 |
| 10 | 86505715 | 1 | Guard, Inner |
| 11 | 849472 | 1 | Sign, Safety |
| 12 | 86505716 | 1 | Yoke, Tube & Sleeve Assy. |
| 13 | 86505717 | 1 | Yoke |
| 14 | 640291 | 1 | Screw, Set, 1/2"-20 UNF |
| 15 | 87309 | 1 | Nut, Lock, 1/2"-20 UNF |

MODEL 790 FORAGE HARVESTER
PTO ASSEMBLY
(1000 RPM)

| Ref. No. | Part No. | No. Used | Description |
|----------|-------------|----------|---|
| 1 | 856612 | 1 | Front PTO Assembly (Includes Ref. Nos. 2 thru 6) --- Replaces 718153 |
| 2 | * 855838 | 1 | Yoke Assembly, Slide Collar (Includes these components) --- Replaces 143984 |
| | | | 1 N.S.S. Yoke NEAPCO |
| | | | 1 855719 Locking Ring NEAPCO |
| | | | 1 855718 Spring NEAPCO |
| | | | 3 855717 Ball NEAPCO |
| | | | 1 855716 Slide Collar NEAPCO |
| | | | 1 N.S.S. Yoke WALTERSCHEID |
| | | | 1 27503 Retaining Ring WALTERSCHEID |
| | | | 1 ¶ 856120 Spring HAYES DANA |
| | | | 1 ¶ 856122 Collar HAYES DANA |
| | | | 2 ¶ 856121 Locking Segment HAYES DANA |
| | | | AR 279474 Kit for Walterscheid Yokes with 3 Balls (Includes (3) Balls and (1) Retaining Ring) |
| 3 | 126761 | 2 | Spider and Bearing Assembly |
| 4 | 710004 | 1 | Yoke and Shaft |
| 5 | 185746 | 8 | Bearing, Quarter |
| 6 | 710003 | 1 | Outer Shield |
| 7 | N.S. 143984 | 1 | Yoke |
| 8 | + 131521 | 1 | Yoke Pin |
| 9 | + 26981 | 1 | Spring |
| 10 | + 40305 | 1 | "X" Washer |
| 11 | 718297 | 1 | Rear PTO Assembly (Includes Ref. Nos, 3, 5 and 12 thru 19) |
| 12 | 710002 | 1 | Inner Shield |
| 13 | 612312 | 1 | Shield Support Bearing |
| 14 | 606352 | 1 | Cap |
| 15 | 710014 | 2 | Bushing |
| 16 | 606829 | 1 | Yoke and Tube Weld Assembly (Includes Ref. Nos. 14 and 15) 2 87414 Grease Fitting, 1/4"-28, Straight, Self-Tapping |
| 17 | 88494 | 1 | Cap Screw, Hex Head, Grade 5, 5/8" x 1 3/4" 1 84057 Lockwasher, 5/8" |
| 18 | 141781 | 1 | Washer, Special |
| 19 | 136989 | 1 | Yoke |

AR - As Required

N.S.S. - Not Serviced Separately

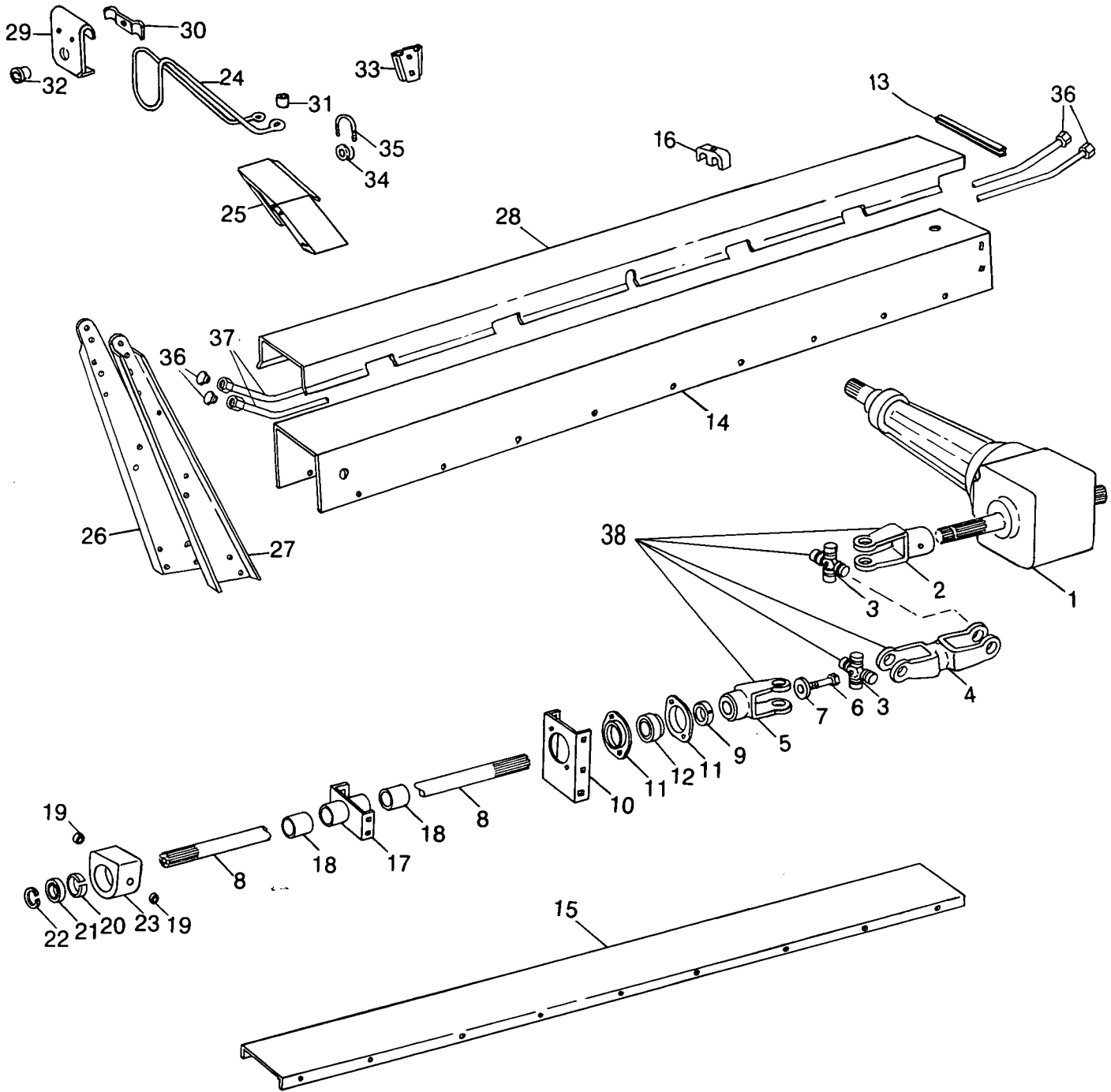
N.S. - Not Stocked

+ Services Old Style Yoke 143984, Ref. No. 7

* Neapco has the letters "NP" cast into the yoke

¶ No longer available, when present stock is used, service with complete Yoke Assembly No. 855838

MODEL 790 FORAGE HARVESTER
PTO DRIVE LINE

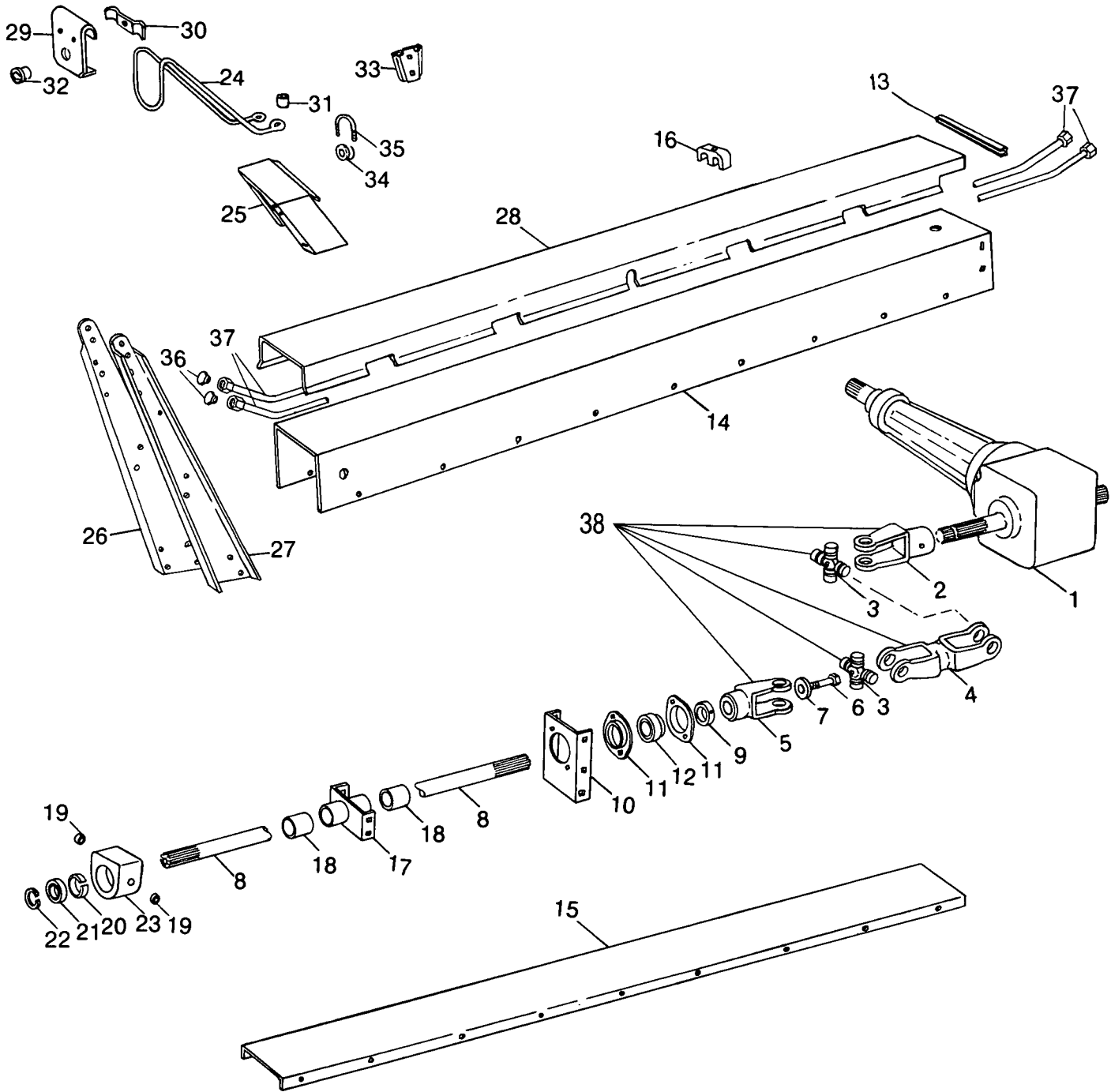


MODEL 790 FORAGE HARVESTER
PTO DRIVE LINE

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 859665 | 1 | Gearbox Assembly, 540 RPM (Refer to Separate Breakdown) --- Replaces 787163 |
| | 787164 | 1 | Gearbox Assembly, 1000 RPM (Refer to Separate Breakdown) 4 280319 Cap Screw, Hex Head, Grade 5, 5/8" x 1 1/4" 4 80299 Washer, 5/8" 4 84057 Lockwasher, 5/8" 1 80988 Set Screw, Square Head, 1/2" x 3" 1 84970 Jam Nut, 1/2" |
| 2 | 253733 | 1 | Yoke |
| 3 | 126761 | 2 | Spider Bearing 2 80711 Grease Fitting, 1/8" PT, 67 1/2° |
| 4 | 700693 | 1 | Yoke, Center |
| 5 | 136988 | 1 | Yoke |
| 6 | 88494 | 1 | Cap Screw, Hex Head, Grade 5, 5/8" x 1 3/4" 1 84057 Lockwasher, 5/8" |
| 7 | 141781 | 1 | Washer, Special |
| 8 | 703728 | 1 | Shaft |
| 9 | 47067 | 1 | Locking Collar w/Set Screw 1 80425 Set Screw, Hex Socket, Cup Point, 3/8" x 3/8" |
| 10 | 703727 | 1 | Bracket 4 255918 Lockscrew, USR, 3/8" x 3/4" 4 247780 Locknut, 3/8" |
| 11 | 136978 | 2 | Flangette 2 280503 Bolt, Round Head, Short Square Neck, Grade 5, 3/8" x 1" 2 247780 Locknut, USR, 3/8" |
| 12 | 47066 | 1 | Bearing |
| 13 | 708517 | 1 | Edging |
| 14 | 784244 | 1 | Shield, Top |
| 15 | 703726 | 1 | Shield, Bottom 20 523292 Lockscrew, USR, 1/4" x 3/4" 20 523282 Locknut, USR, 1/4" |
| 16 | 636307 | 2 | Clamp 3 87716 Cap Screw, Hex Head, Grade 5, 1/4" x 1 1/4" 3 80682 Lockwasher, 1/4" |
| 17 | 213565 | 1 | Hub Weld Assembly (Includes Ref. No. 18) 1 87414 Grease Fitting, 1/4"-28, Straight 4 255918 Lockscrew, USR, 3/8" x 3/4" 4 247780 Locknut, USR, 3/8" |
| 18 | 28256 | 2 | Bushing |
| 19 | 271641 | 2 | Spacer |
| 20 | 37185 | 1 | Retaining Ring |
| 21 | 12124 | 1 | Bearing |
| 22 | 42447 | 1 | Snap Ring |
| 23 | 136987 | 1 | Bearing Housing 2 88062 Cap Screw, Hex Head, Grade 5, 5/8" x 1 1/2" 2 80299 Washer, 5/8" 2 84057 Lockwasher, 5/8" |

CONTINUED

MODEL 790 FORAGE HARVESTER
PTO DRIVE LINE (CONTINUED)

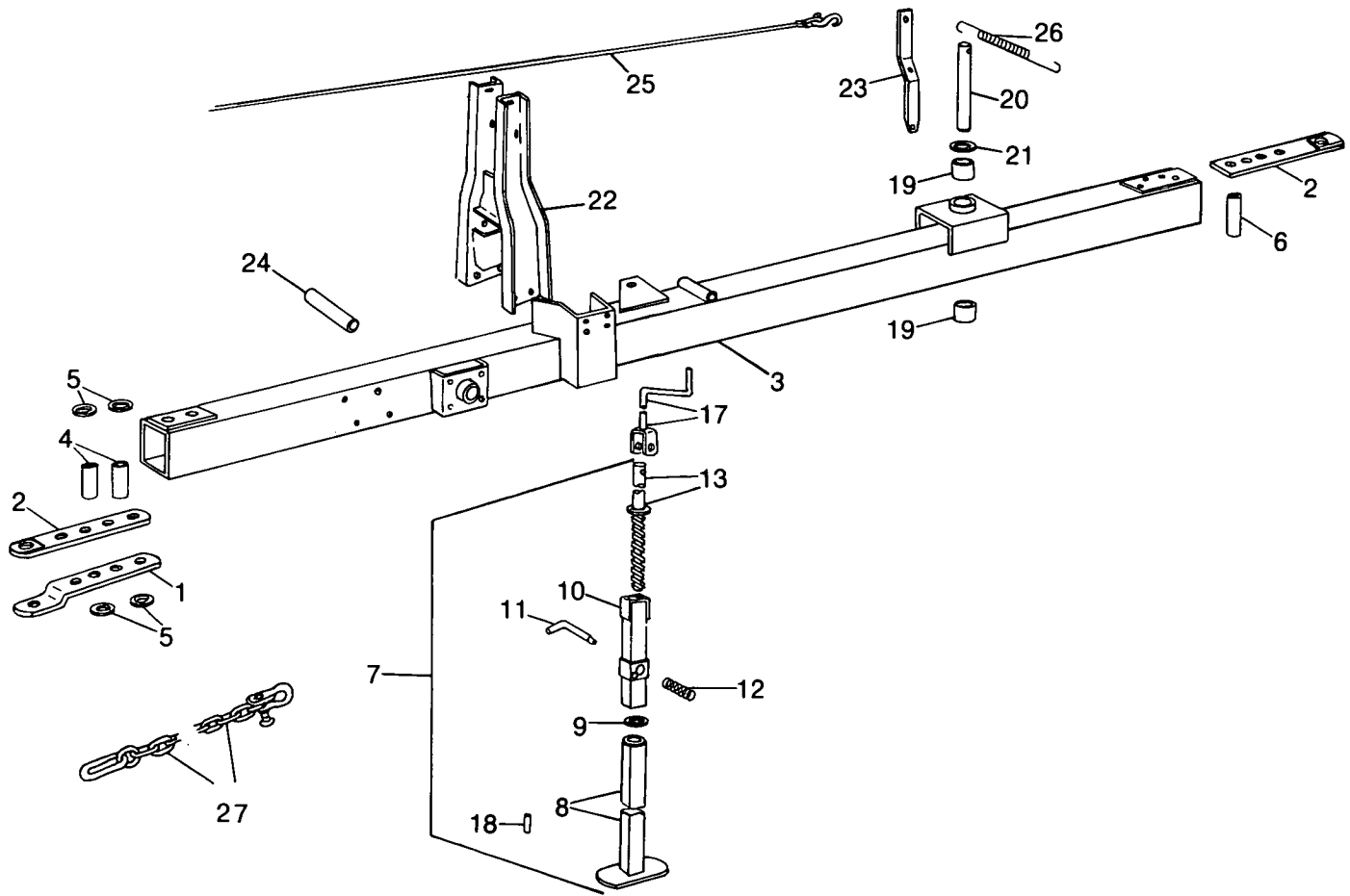


MODEL 790 FORAGE HARVESTER
PTO DRIVE LINE (CONTINUED)

| Ref. No. | Part No. | No. Used | Description |
|----------|-------------|----------|--|
| 24 | 621714 | 1 | Hanger 1 34455 "S" Hook 1 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" 1 238061 Washer, Special 1 80680 Lockwasher, 3/8" 1 84944 Nut, 3/8" |
| 25 | 784243 | 1 | Shield 4 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" 4 87016 Washer, 3/8" 4 80680 Lockwasher, 3/8" 4 84944 Nut, 3/8" |
| 26 | 784245 | 1 | Support Weld Assembly, RH |
| 27 | 784246 | 1 | Support Weld Assembly, LH 4 88553 Cap Screw, Hex Head, Grade 5, 1/2" x 6" 4 80679 Lockwasher, 1/2" 4 280431 Nut, Grade 5, 1/2" |
| 28 | 784812 | 1 | Cover 1 87404 Cap Screw, Hex Head, Grade 5, 1/4" x 2" 1 523282 Locknut, USR, 1/4" |
| 29 | 257492 | 1 | Bracket |
| 30 | 621984 | 1 | Clamp |
| 31 | 35122 | 2 | Slug |
| 32 | 788614 | 1 | Dust Cover Receptacle --- Replaces 767455 1 636666 Nut 1 636665 Lockwasher |
| 33 | 847590 | 1 | Socket --- Replaces 38027 |
| 34 | 28110 | 2 | Guide |
| 35 | 28114 | 2 | "U" Bolt |
| 36 | 80775 | 2 | Plug, 1/4" |
| 37 | N.S. 785308 | 2 | Tube Assembly 4 136658 Nut 4 235670 Sleeve |
| 38 | 700694 | 1 | Yoke and Bearing Assembly (Includes Ref. Nos. 2 thru 5) |

N.S. - Not Stocked - For field repairs of Hydraulic Tubing, refer to Ford New Holland Standard Parts Catalog for instructions and part numbers.

MODEL 790 FORAGE HARVESTER
JACK STAND AND TONGUE GROUP



MODEL 790 FORAGE HARVESTER
 JACK STAND AND TONGUE GROUP

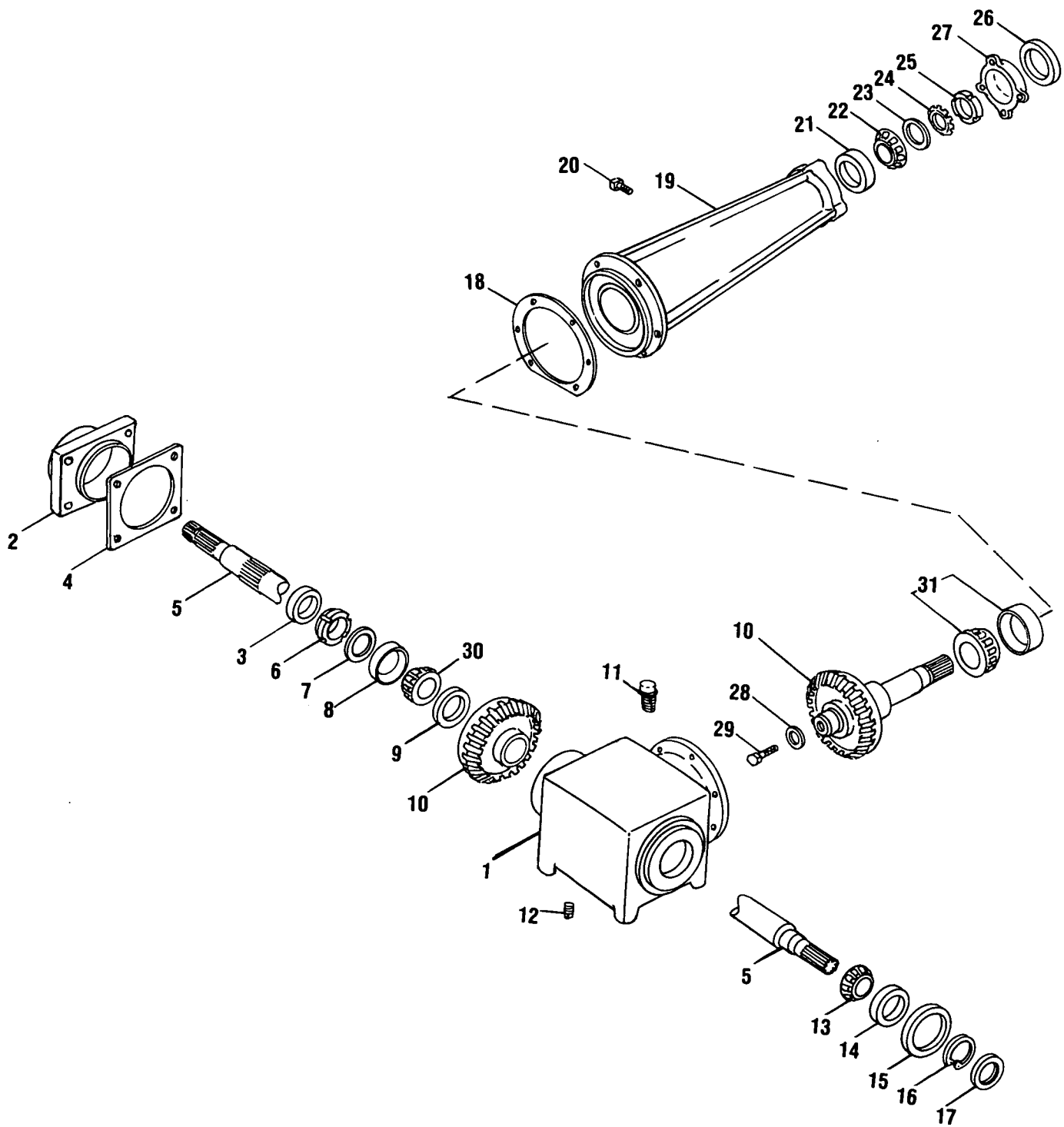
| Ref. No. | Part No. | No. Used | Description |
|----------|-----------|----------|--|
| 1 | 854147 | 1 | Clevis Bar --- Replaces 703797 |
| 2 | 854145 | 2 | Hitch Weld Assembly --- Replaces 708550 1 88555 Cap Screw, Hex Head, Grade 5, 5/8" x 2" 1 84057 Lockwasher, 5/8" |
| 3 | 857021 | 1 | Tongue Weld Assembly --- Replaces 784899 1 87414 Grease Fitting, 1/4"-28, Straight |
| 4 | 223748 | 2 | Spacer 2 88564 Cap Screw, Hex Head, Grade 5, 5/8" x 6 1/2" 2 84947 Nut, 5/8" |
| 5 | 130358 | 4 | Washer, Special |
| 6 | 235203 | 1 | Spacer 1 88564 Cap Screw, Hex Head, Grade 5, 5/8" x 6 1/2" 1 87365 Washer, 5/8" SAE 1 84057 Lockwasher, 5/8" 1 84947 Hex Nut, 5/8" |
| 7 | (a)626246 | 1 | Jack Assembly (Includes Ref. Nos. 8 thru 13) |
| | (b)848377 | 1 | Jack Assembly (Includes Ref. Nos. 8 thru 13) |
| 8 | (a)528735 | 1 | Jack Tube Weld Assembly |
| | (b)241296 | 1 | Jack Tube Weld Assembly |
| 9 | 50600 | 1 | Nylon Washer |
| 10 | 626502 | 1 | Jack Weld Assembly 1 87414 Grease Fitting, 1/4"-28, Straight |
| 11 | 128375 | 1 | Jack Pin 1 87455 Roll Pin, 1/8" x 1" |
| 12 | 26538 | 1 | Spring |
| 13 | 218784 | 1 | Jack Screw Weld Assembly 1 87406 Spring Pin, 1/4" x 1 1/2" 1 87336 Spring Pin, 3/8" x 7/8" 1 87398 Cotter Pin, 3/16" x 1 1/4" |
| 17 | 622265 | 1 | Crank Weld Assembly 1 88436 Cap Screw, Hex Head, Grade 5, 3/8" x 2" 1 87016 Washer, 3/8" SAE 1 88902 Locknut, Grade C, 3/8" |
| 18 | 88395 | 1 | Roll Pin, 5/16" x 3" |
| 19 | 56704 | 2 | Bushing |
| 20 | 702851 | 1 | Pin 1 280161 Cap Screw, Hex Head, Grade 5, 3/8" x 3" 1 88902 Locknut, Grade C, 3/8" |
| 21 | 702867 | 1 | Washer, Special |
| 22 | 680120 | 1 | Support Weld Assembly --- Replaces 644583 2 88593 Cap Screw, Hex Head, Grade 5, 1/2" x 7" 1 88554 Cap Screw, Hex Head, Grade 5, 1/2" x 7 1/2" 1 80679 Lockwasher, 1/2" 1 280431 Nut, Grade 5, 1/2" 2 88871 Locknut, Grade C, 1/2" |
| 23 | 702749 | 1 | Latch 1 87402 Cotter Pin, 1/4" x 1 1/4" |
| 24 | 718023 | 1 | Spacer |
| 25 | 46972 | 1 | Rope Assembly w/Pig Ring and "S" Hook 1 N.S. 222351 Pig Ring (Purchase Locally) 1 34455 "S" Hook |
| 26 | 32809 | 1 | Spring |
| 27 | 854994 | 1 | Safety Tow Chain Bundle 1 855499 Tow Chain Hardware Bundle |

(a) Used on and below Serial Number 744038

(b) Used on and above Serial Number 744039

N.S. - Not Stocked

MODEL 790 FORAGE HARVESTER
GEARBOX GROUP
(540 RPM)

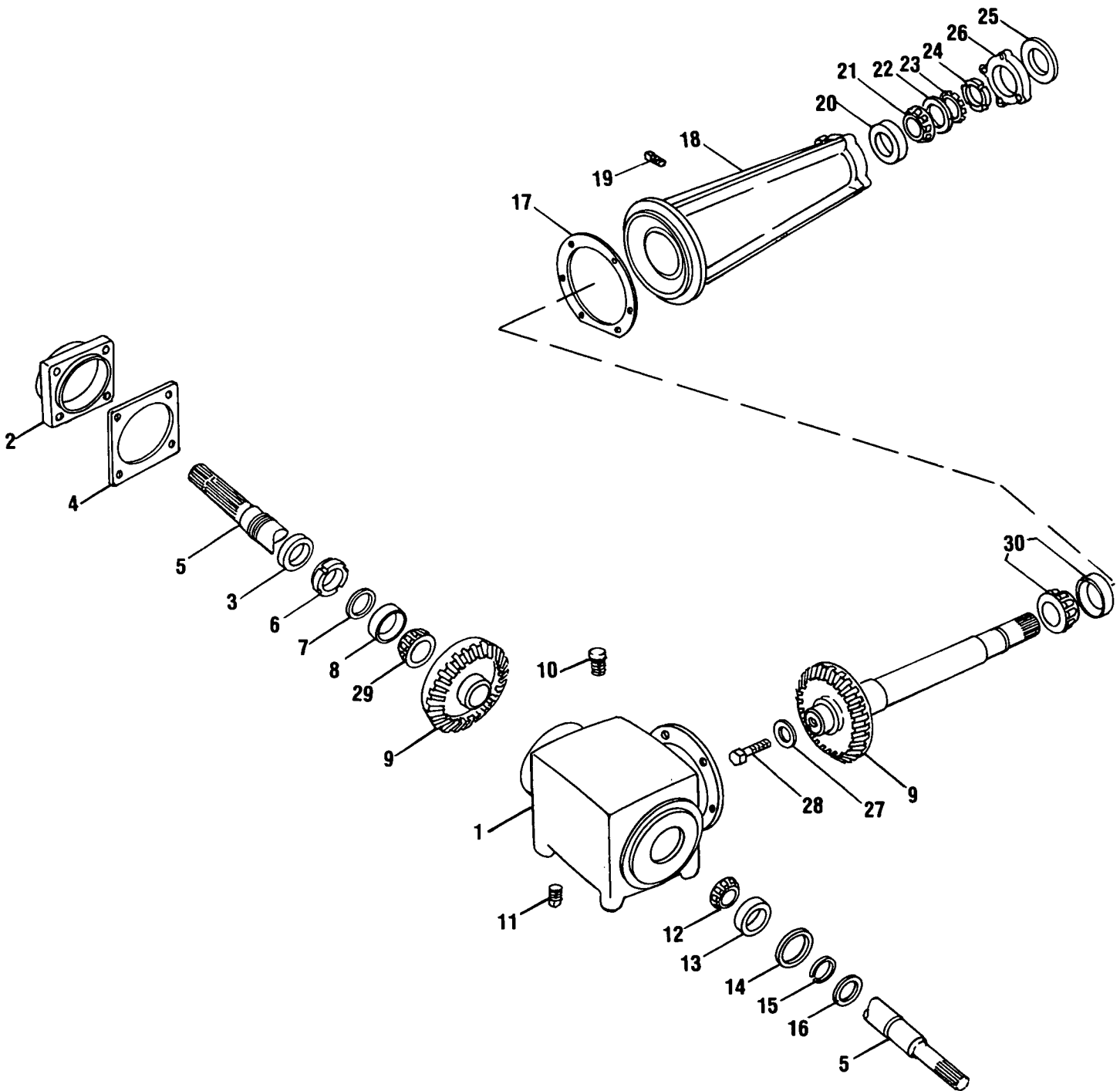


MODEL 790 FORAGE HARVESTER
 GEARBOX GROUP
 (540 RPM)

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| | 859665 | | Gearbox Assembly --- Replaces 787163 |
| 1 | 797677 | 1 | Gearbox Housing |
| 2 | 178033 | 1 | Housing Cap |
| | | | 4 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" |
| | | | 4 80680 Lockwasher, 3/8" |
| 3 | 137547 | 1 | Oil Seal |
| 4 | 178032 | AR | Shim, .003" (.0762mm) |
| | 178031 | AR | Shim, .005" (.127mm) |
| | 178029 | AR | Shim, .020" (.508mm) |
| 5 | 704889 | 1 | Shaft, Input |
| | | | 1 80712 Grease Fitting, 1/4"-28, 45°, 29/32" |
| 6 | 126003 | 1 | Stake Nut |
| 7 | 177394 | 1 | Washer, Special |
| 8 | 13958 | 1 | Bearing Cup |
| 9 | 182183 | 1 | Spacer |
| 10 | 854806 | 1 | Gear Set (Matched Set) --- Replaces 787159 |
| 11 | 39818 | 1 | Pipe Plug Assembly |
| | | | 1 39853 Air Vent |
| | | | 1 80788 Pipe Plug, 3/4" |
| 12 | 129912 | 1 | Pipe Plug, 1/4", Hex Socket |
| 13 | 67527 | 1 | Tapered Roller Bearing Cone |
| 14 | 67526 | 1 | Tapered Roller Bearing Cup |
| 15 | 163235 | AR | Shim, .002" (.050mm) |
| | 163236 | AR | Shim, .005" (.127mm) |
| | 163234 | AR | Shim, .010" (.254mm) |
| | 163233 | AR | Shim, .030" (.762mm) |
| 16 | 196287 | 1 | Retaining Ring |
| 17 | 196286 | 1 | Oil Seal |
| 18 | 177400 | AR | Shim, .003" (.0762mm) |
| | 177401 | AR | Shim, .005" (.127mm) |
| | 177403 | AR | Shim, .020" (.508mm) |
| 19 | 796538 | 1 | Housing, Gearbox |
| | | | 6 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" |
| | | | 6 80680 Lockwasher, 3/8" |
| 20 | 84296 | 1 | Pipe Plug, Square Head, 1/2" |
| 21 | 67371 | 1 | Tapered Roller Bearing Cup |
| 22 | 67370 | 1 | Tapered Roller Bearing Cone |
| 23 | 614717 | 1 | Washer, Special |
| 24 | 58105 | 1 | Washer, Special |
| 25 | 614724 | 1 | Nut, Special |
| 26 | 272545 | 1 | Oil Seal |
| 27 | 50524 | 1 | Seal Retainer |
| | | | 4 88543 Cap Screw, Hex Head, Grade 5, 5/16" x 1" |
| | | | 4 80681 Lockwasher, 5/16" |
| 28 | 9801096 | 1 | Washer, Special |
| 29 | 87909 | 1 | Cap Screw, Hex Head, Grade 5, 1/2" x 1" |
| | | | 1 80679 Lockwasher, 1/2" |
| 30 | 13540 | 1 | Bearing Cone |
| 31 | 166817 | 1 | Tapered Roller Bearing Assembly |

AR - As Required

MODEL 790 FORAGE HARVESTER
GEARBOX GROUP
(1000 RPM)

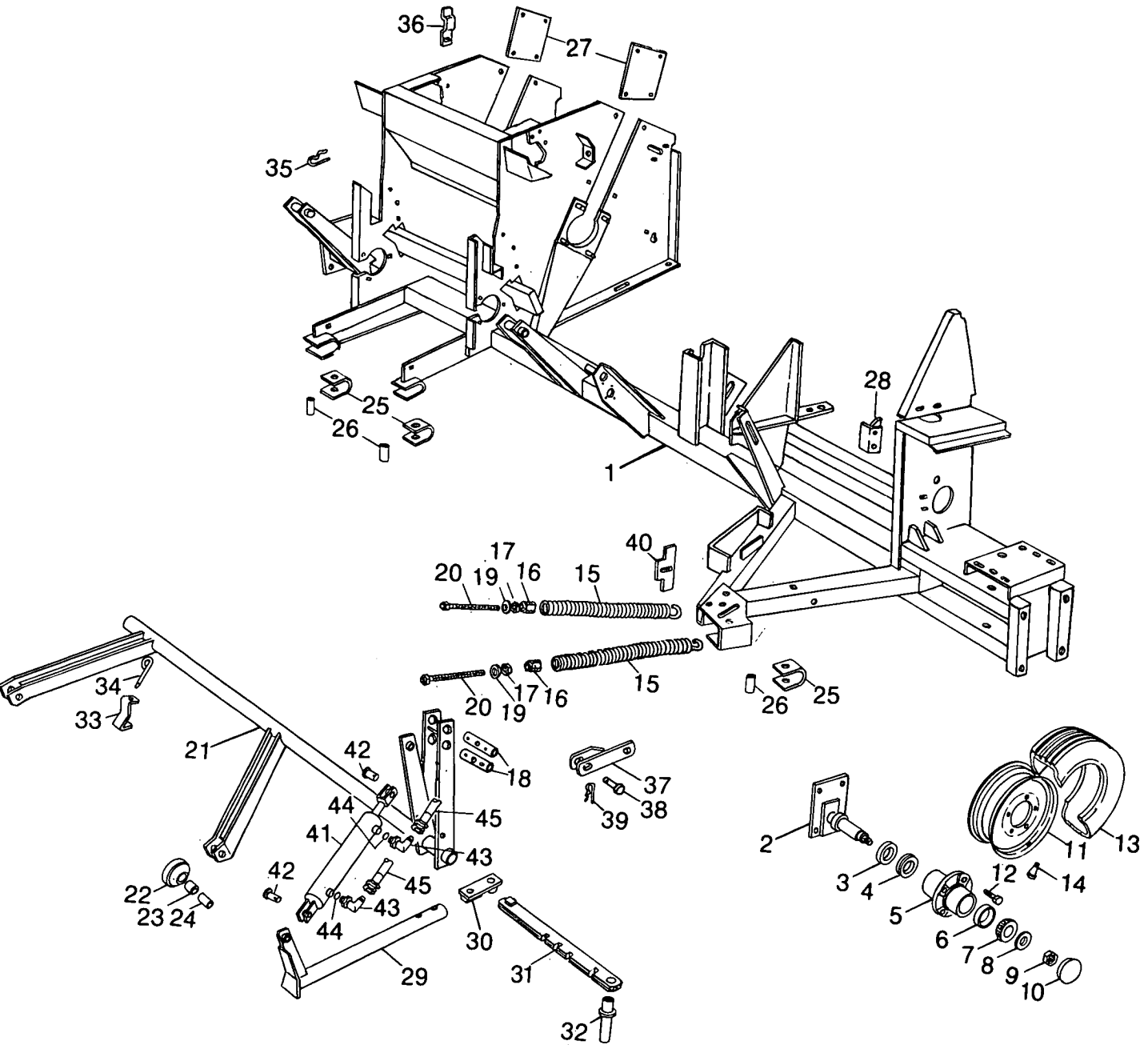


MODEL 790 FORAGE HARVESTER
 GEARBOX GROUP
 (1000 RPM)

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| | 787164 | | Gearbox Assembly, Complete |
| 1 | 797677 | 1 | Gearbox Housing |
| 2 | 178033 | 1 | Housing Cap 4 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" 4 80680 Lockwasher, 3/8" |
| 3 | 137547 | 1 | Oil Seal |
| 4 | 178032 | AR | Shim, .003" (.0762mm) |
| | 178031 | AR | Shim, .005" (.127mm) |
| | 178029 | AR | Shim, .020" (.508mm) |
| 5 | 578750 | 1 | Shaft, Input 1 80712 Grease Fitting, 1/4"-28, 45° |
| 6 | 126003 | 1 | Stake Nut |
| 7 | 177394 | 1 | Washer, Special |
| 8 | 13958 | 1 | Bearing Cup |
| 9 | 787160 | 1 | Gear Set (Matched Set) |
| 10 | 39818 | 1 | Pipe Plug Assembly 1 39853 Air Vent 1 80788 Pipe Plug, 3/4" |
| 11 | 9617020 | 1 | Pipe Plug, 1/4", Hex Socket |
| 12 | 67527 | 1 | Tapered Roller Bearing Cone |
| 13 | 67526 | 1 | Tapered Roller Bearing Cup |
| 14 | 163235 | AR | Shim, .002" (.050mm) |
| | 163236 | AR | Shim, .005" (.127mm) |
| | 163234 | AR | Shim, .010" (.254mm) |
| | 163233 | AR | Shim, .030" (.762mm) |
| 15 | 196287 | 1 | Retaining Ring |
| 16 | 196286 | 1 | Oil Seal |
| 17 | 177400 | AR | Shim, .003" (.0762mm) |
| | 177401 | AR | Shim, .005" (.127mm) |
| | 177403 | AR | Shim, .020" (.508mm) |
| 18 | 796538 | 1 | Housing 6 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" 6 80680 Lockwasher, 3/8" |
| 19 | 84296 | 1 | Pipe Plug, Square Head, 1/2" |
| 20 | 67371 | 1 | Tapered Roller Bearing Cup |
| 21 | 67370 | 1 | Tapered Roller Bearing Cone |
| 22 | 614717 | 1 | Washer, Special |
| 23 | 58105 | 1 | Washer, Special |
| 24 | 614724 | 1 | Nut, Special |
| 25 | 272545 | 1 | Oil Seal |
| 26 | 50524 | 1 | Seal Retainer 4 88543 Cap Screw, Hex Head, Grade 5, 5/16" x 1" 4 80681 Lockwasher, 5/16" |
| 27 | 9801096 | 1 | Washer, Special |
| 28 | 87909 | 1 | Cap Screw, Hex Head, Grade 5, 1/2" x 1" 1 80679 Lockwasher, 1/2" |
| 29 | 13540 | 1 | Bearing Cone |
| 30 | 166817 | 1 | Tapered Roller Bearing Assembly |

AR - As Required

MODEL 790 FORAGE HARVESTER
MAIN FRAME, WHEEL AND SPINDLE GROUP

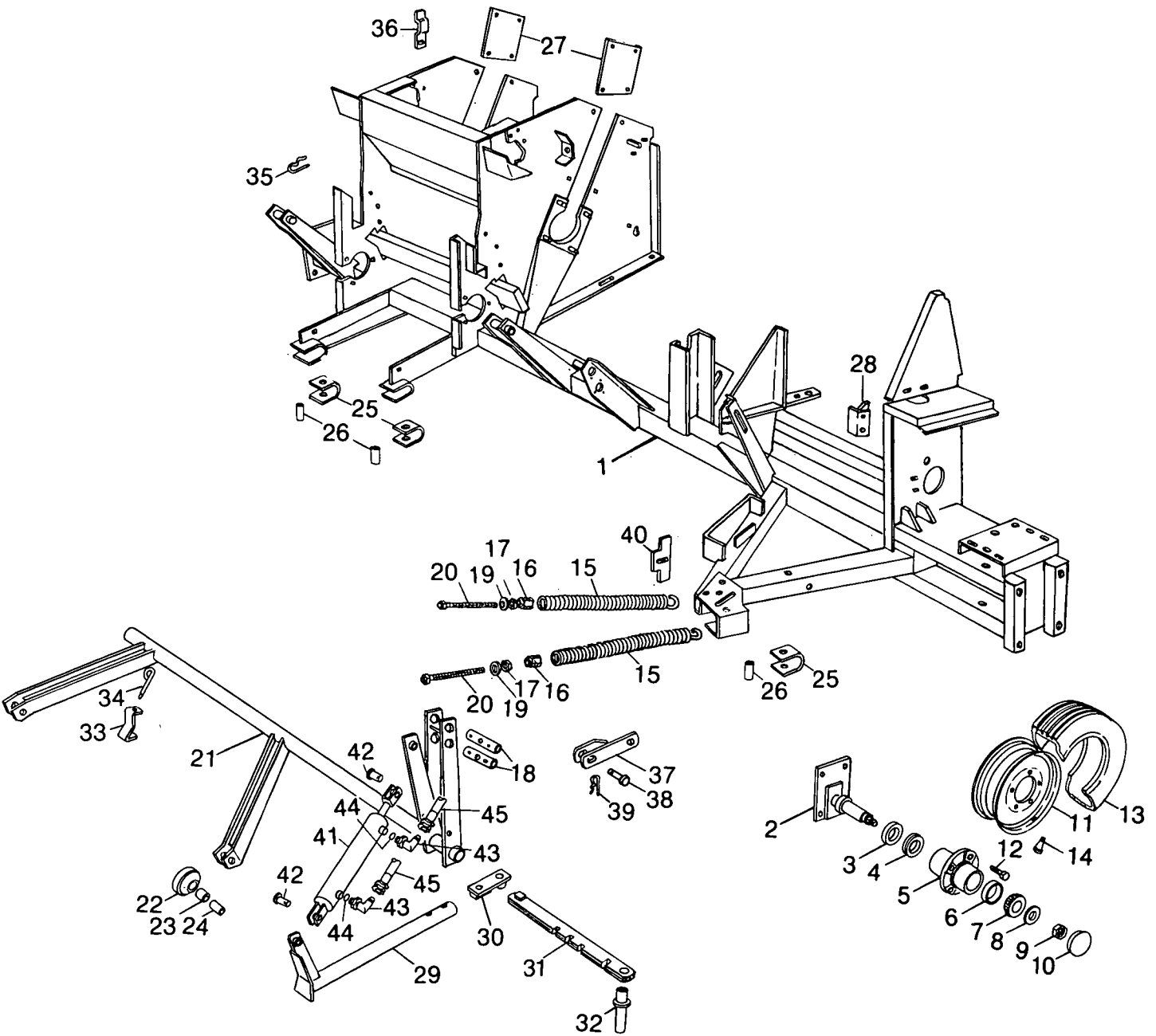


MODEL 790 FORAGE HARVESTER
 MAIN FRAME, WHEEL AND SPINDLE GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 786438 | 1 | Main Frame Weld Assembly |
| | | 2 | 80988 Set Screw, Square Head, Cup Point, 1/2" x 3" |
| | | 2 | 84970 Hex Jam Nut, 1/2" |
| 2 | 701757 | 2 | Spindle Weld Assembly |
| | | 8 | 88494 Cap Screw, Hex Head, Grade 5, 5/8" x 1 3/4" |
| | | 8 | 84057 Lockwasher, 5/8" |
| | | 8 | 84947 Nut, 5/8" |
| 3 | 166300 | 2 | Oil Seal |
| 4 | 121506 | 2 | Tapered Roller Bearing Cup and Cone Assembly |
| 5 | 166327 | 2 | Hub |
| 6 | 36723 | 2 | Tapered Roller Bearing Cup |
| 7 | 36726 | 2 | Tapered Roller Bearing Cone |
| 8 | 56867 | 2 | Washer |
| 9 | 88886 | 2 | Hex Slotted Nut, 3/4" UNF |
| | | 2 | 87395 Cotter Pin, 1/8" x 1 1/4" |
| 10 | 249128 | 2 | Hub Cap |
| 11 | 143823 | 2 | Disc Wheel, Reversible |
| 12 | 32383 | 12 | Wheel Bolt |
| 13 | 245746 | 2 | Tire, Tubeless, 11.00 x 14, 6 Ply, Rib Implement Tread, Code I-1 (Purchase Locally) |
| 14 | 182692 | 2 | Valve, Air |
| 15 | 179876 | 2 | Spring, Lift |
| 16 | 195561 | 2 | Nut, Spring |
| | | 2 | 87569 Lube Fitting, 1/4"-28 x 45° |
| 17 | 84971 | 2 | Hex Jam Nut, 5/8" |
| 18 | 229527 | 2 | Pin |
| | | 4 | 87400 Cotter Pin, 3/16" x 2" |
| 19 | 52828 | 2 | Washer |
| 20 | 257460 | 2 | Bolt Weld Assembly --- Replaces 217203 |
| 21 | 791043 | 1 | Lift Tube Weld Assembly |
| 22 | 122503 | 2 | Roller, Lift w/Bushing (Ref. No. 23) |
| 23 | 48965 | 2 | Bushing, Nylon |
| 24 | 13911 | 2 | Spacer, Roller |
| | | 2 | 84509 Cap Screw, Hex Head, Grade 5, 7/16" x 3" UNF |
| | | 2 | 280474 Locknut, Grade C, 7/16" UNF |
| 25 | 242648 | 3 | Bushing |
| 26 | 251524 | 3 | Spacer |
| | | 2 | 88456 Cap Screw, Hex Head, 3/8" x 3 3/4" |
| | | 1 | 88326 Cap Screw, Hex Head, Grade 5, 3/8" x 7 1/2" |
| | | 6 | 80702 Washer, 3/8" |
| | | 3 | 80680 Lockwasher, 3/8" |
| | | 3 | 84944 Nut, 3/8" |
| 27 | 700479 | 2 | Plate |
| | | 2 | 88434 Cap Screw, Hex Head, 3/8" x 3/4" |
| | | 6 | 88206 Cap Screw, Hex Head, 3/8" x 1" |
| | | 8 | 80680 Lockwasher, 3/8" |
| | | 2 | 84944 Nut, 3/8" |
| 28 | 703084 | 1 | Adjuster, Gearbox |
| | | 2 | 280503 Bolt, Round Head, Short Square Neck Grade 5, 3/8" x 1" |
| | | 2 | 80680 Lockwasher, 3/8" |
| | | 2 | 84944 Nut, 3/8" |
| | | 1 | 80988 Set Screw, Square Head, 1/2" x 3" |
| | | 1 | 84970 Jam Nut, 1/2" |
| 29 | 798969 | 1 | Mount Weld Assembly, Hydraulic Cylinder |
| 30 | 702453 | 1 | Bar Weld Assembly |
| | | 1 | 280470 Cap Screw, Hex Head, Grade 8, 1/2" x 6" |
| | | 1 | 88264 Cap Screw, Hex Head, Grade 5, 5/8" x 6" |
| | | 1 | 84057 Lockwasher, 5/8" |
| | | 1 | 280431 Nut, Grade 5, 1/2" |
| | | 1 | 84947 Nut, 5/8" |

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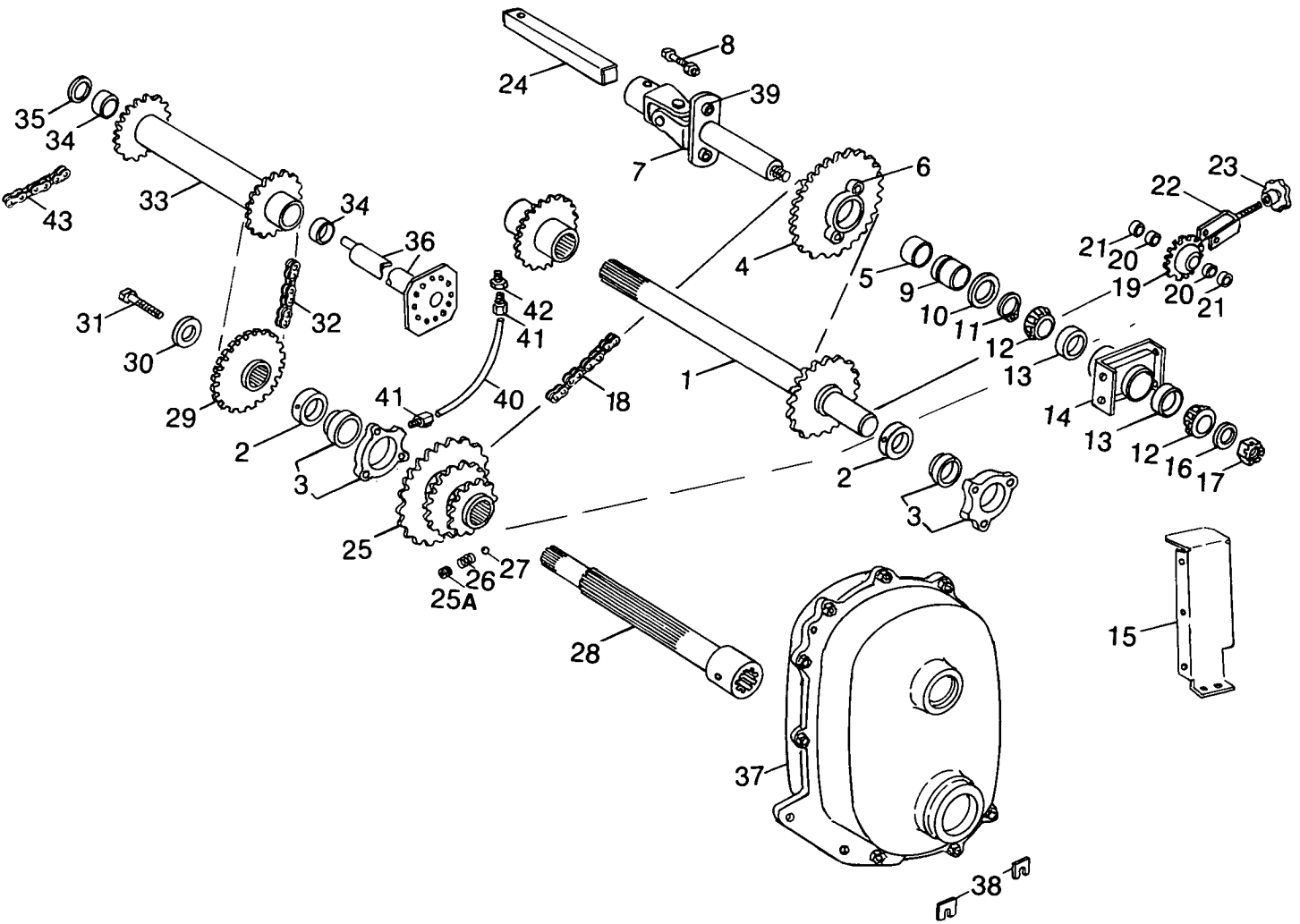
MODEL 790 FORAGE HARVESTER
MAIN FRAME, WHEEL AND SPINDLE GROUP (CONTINUED)



MODEL 790 FORAGE HARVESTER
 MAIN FRAME, WHEEL AND SPINDLE GROUP (CONTINUED)

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 31 | 702743 | 1 | Quadrant Weld Assembly |
| 32 | 708692 | 1 | Spacer Weld Assembly |
| | | | 1 280120 Cap Screw, Hex Head, Grade 5, 3/4" x 6" |
| | | | 2 248883 Washer, Special |
| | | | 1 280954 Nut, 3/4" |
| 33 | 122521 | 2 | Bracket, Attachment |
| 34 | 122400 | 2 | Pin Weld Assembly |
| 35 | 37851 | 2 | Hairpin Cotter |
| 36 | 611399 | 2 | Strip |
| 37 | 795342 | 1 | Flat Weld Assembly |
| | | | 1 88725 Cap Screw, Hex Head, Grade 5, 3/4" x 1 3/4" |
| | | | 1 280375 Locknut, Grade C, 3/4" |
| 38 | 234706 | 1 | Pin Weld Assembly |
| 39 | 43302 | 1 | Hairpin Cotter |
| 40 | 848121 | 1 | Plate |
| | | | 1 88044 Cap Screw, Hex Head, Grade 5, 3/8" x 1 1/2" |
| | | | 1 80702 Washer, 3/8" |
| | | | 1 80680 Lockwasher, 3/8" |
| 41 | 850955 | 1 | Cylinder Assembly (Refer to Separate Breakdown) |
| 42 | 514112 | 2 | Clevis Pin |
| | | | 2 80754 Cotter Pin, 3/16" x 1 1/2" |
| 43 | 76347 | 2 | Elbow, 90° (Includes Ref. No. 44) |
| 44 | 128825 | 2 | "0" Ring |
| 45 | 76679 | 2 | Hose Assembly |

MODEL 790 FORAGE HARVESTER
ATTACHMENT AND FEEDROLL DRIVE GROUP



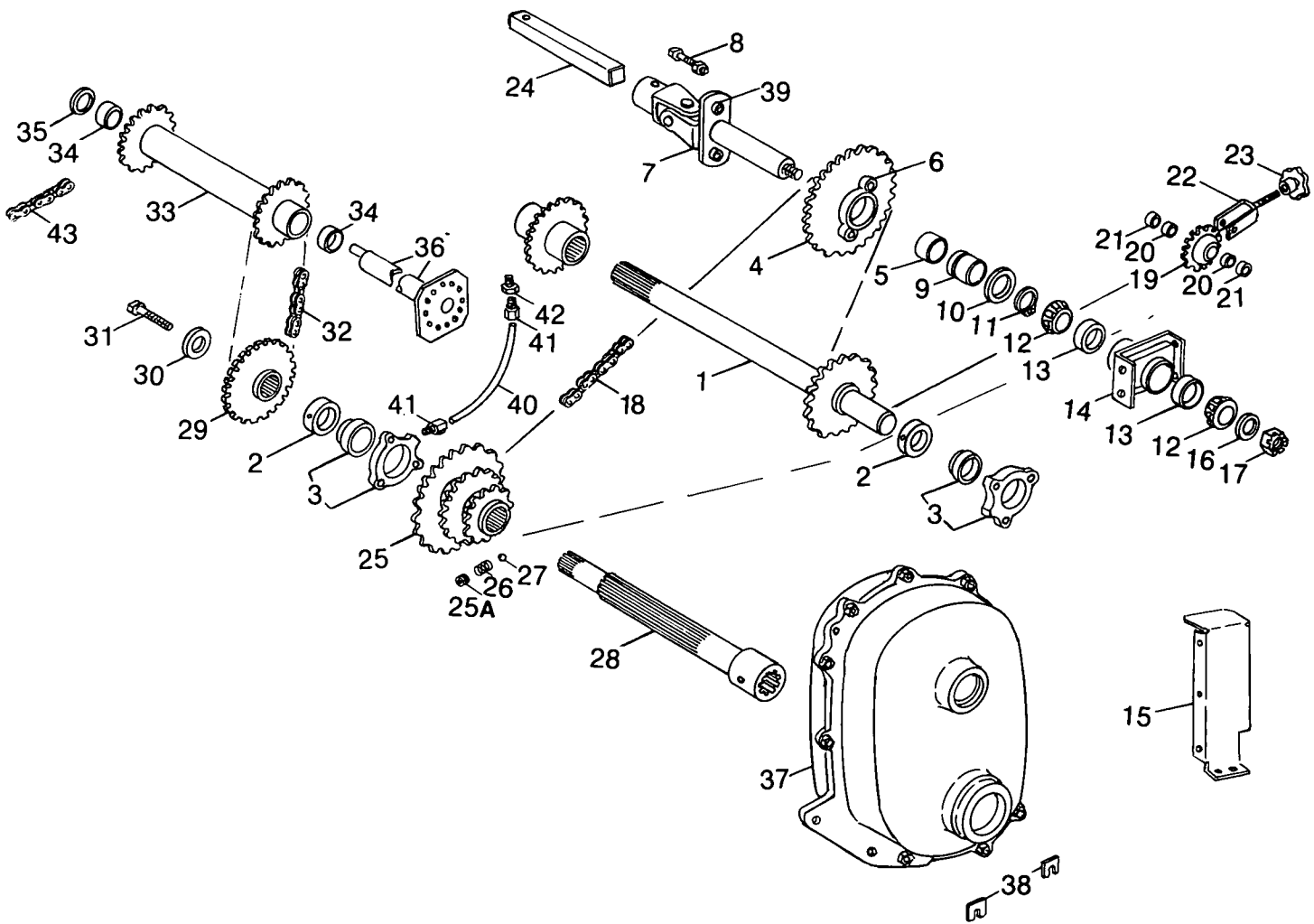
MODEL 790 FORAGE HARVESTER
ATTACHMENT AND FEEDROLL DRIVE GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 1 | 627387 | 1 | Shaft Weld Assembly, 26 Tooth |
| 2 | 45876 | 2 | Locking Collar w/Set Screw |
| | | 2 | 80429 Set Screw, Hex Socket, Cup Point, 5/16" x 5/16" |
| 3 | 700491 | 2 | Bearing and Housing Assembly, Selective Fit |
| | | 1 | 80717 Grease Fitting, 1/8" PT, 45° |
| | | 6 | 88044 Cap Screw, Hex Head, 3/8" x 1 1/2" |
| | | 6 | 80680 Lockwasher, 3/8" |
| | | 6 | 84944 Nut, 3/8" |
| 4 | 627384 | 1 | Sprocket Weld Assembly, 36 Tooth (Includes Ref. Nos. 5 & 6) |
| 5 | 13664 | 1 | Bushing |
| 6 | 58147 | 2 | Shear Bolt Sleeve |
| 7 | *713229 | 1 | Yoke Weld Assembly |
| | | 1 | 80719 Grease Fitting, 1/8" PT, 90° |
| 8 | 58118 | 2 | Shear Bolt with Nut |
| 9 | *717139 | 1 | Spacer |
| 10 | 58821 | 1 | Washer |
| 11 | 11487 | 1 | Retaining Ring |
| 12 | 48198 | 2 | Bearing Cone and Seal |
| 13 | 36723 | 2 | Bearing Cup |
| 14 | 641570 | 1 | Hub Weld Assembly |
| | | 1 | 87408 Grease Fitting, 1/4"-28, Short |
| | | 4 | 88062 Cap Screw, Hex Head, Grade 5, 5/8" x 1 1/2" |
| | | 4 | 80299 Washer, 5/8" |
| | | 4 | 84057 Lockwasher, 5/8" |
| | | AR4 | 84947 Nut, 5/8" |
| 15 | *859576 | 1 | Channel --- Replaces 851787 |
| | | 8 | 87670 Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/4" |
| | | 2 | 80700 Washer, 1/2" |
| | | 8 | 80679 Lockwasher, 1/2" |
| | | 2 | 280431 Nut, Grade 5, 1/2" |
| 16 | 32362 | 1 | Washer, Special |
| 17 | 88886 | 1 | Hex Slotted Nut, 3/4" UNF |
| | | 1 | 87395 Cotter Pin, 1/8" x 1 1/4" |
| 18 | 229542 | 1 | Chain Assembly, RC 50, 112 Pitches |
| | | AR | 25805 Roller Link |
| | | 1 | 42472 Coupler Link |
| 19 | 216850 | 1 | Idler Sprocket |
| | | 1 | 88043 Cap Screw, Hex Head, Grade 5, 1/2" x 3 1/4" |
| | | 1 | 80679 Lockwasher, 1/2" |
| | | 1 | 280431 Hex Nut, Grade 5, 1/2" |
| 20 | 167381 | 2 | Spacer |
| 21 | 43414 | 2 | Split Spacer |
| 22 | 708571 | 1 | Clevis Weld Assembly |
| 23 | 229926 | 1 | Knob |
| 24 | *702041 | 1 | Shaft |
| 25 | 702034 | 1 | Change Sprocket Weld Assembly |
| | 633389 | 1 | Change Sprocket Weld Assembly - OPTIONAL |
| 25A | 529216 | 1 | Set Screw, Self-Locking, 5/16" x 1/4" (For 702034) |
| 26 | 229927 | 1 | Compression Spring |

* Used on Non-Metal Detector Units Only

CONTINUED

MODEL 790 FORAGE HARVESTER
ATTACHMENT AND FEEDROLL DRIVE GROUP (CONTINUED)

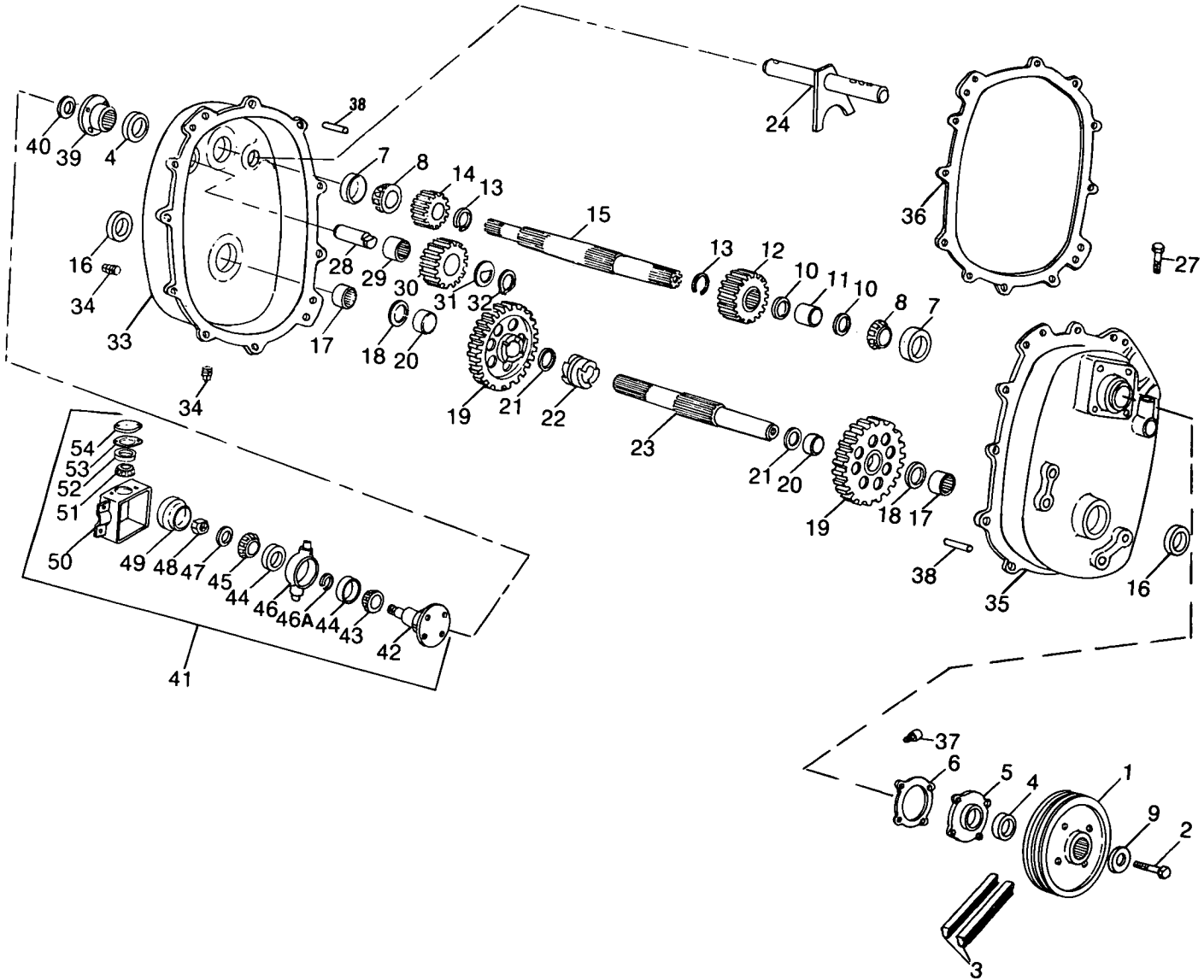


MODEL 790 FORAGE HARVESTER
ATTACHMENT AND FEEDROLL DRIVE GROUP (CONTINUED)

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 27 | 11869 | 1 | Steel Ball, Detent, Rides on Shaft, 1/4" (6.35mm) Dia. |
| 28 | 850735 | 1 | Shaft Weld Assembly 1 87414 Lube Fitting, 1/4"-28 |
| 29 | 702042 | 1 | Sprocket Weld Assembly, 21 Tooth |
| 30 | 26312 | 1 | Washer |
| 31 | 87689 | 1 | Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/2" 1 80679 Lockwasher, 1/2" |
| 32 | 256025 | 1 | Chain Assembly, #60 Roller Chain, 33 Total Pitches AR 25808 Roller Link AR 25817 Offset Link AR 25812 Coupler Link |
| 33 | 710984 | 1 | Sprocket Weld Assembly (Includes (2) Ref. No. 34) 1 87414 Lube Fitting, 1/4"-28 |
| 34 | 36951 | 2 | Bushing |
| 35 | 146258 | AR | Washer |
| 36 | 703244 | 1 | Shaft Weld Assembly 2 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" 2 80680 Lockwasher, 3/8" |
| 37 | 787460 | 1 | Gearbox Assembly, Reversing (Refer to Separate Breakdown) 4 280319 Cap Screw, Hex Head, Grade 5, 5/8" x 1 1/4" 4 84057 Lockwasher, 5/8" |
| 38 | 163962 | AR | Shim, .015" Thick (.381mm) |
| | 66271 | AR | Shim, .036" Thick (.913mm) |
| 39 | 58148 | 2 | Shear Bolt Sleeve |
| 40 | 122481 | 1 | Lube Line |
| 41 | 11787 | 2 | Fitting |
| 42 | 84303 | 1 | Grease Fitting, 1/8" PT, Straight |
| 43 | 626402 | 1 | Attachment Drive Chain, #60H Roller Chain, 53 Total Pitches AR 187609 Roller Link (60H) 9 187608 Offset Link (60H) AR 179243 Connector Link (60H) |

AR - As Required

MODEL 790 FORAGE HARVESTER
REVERSING GEARBOX ASSEMBLY



MODEL 790 FORAGE HARVESTER
REVERSING GEARBOX ASSEMBLY

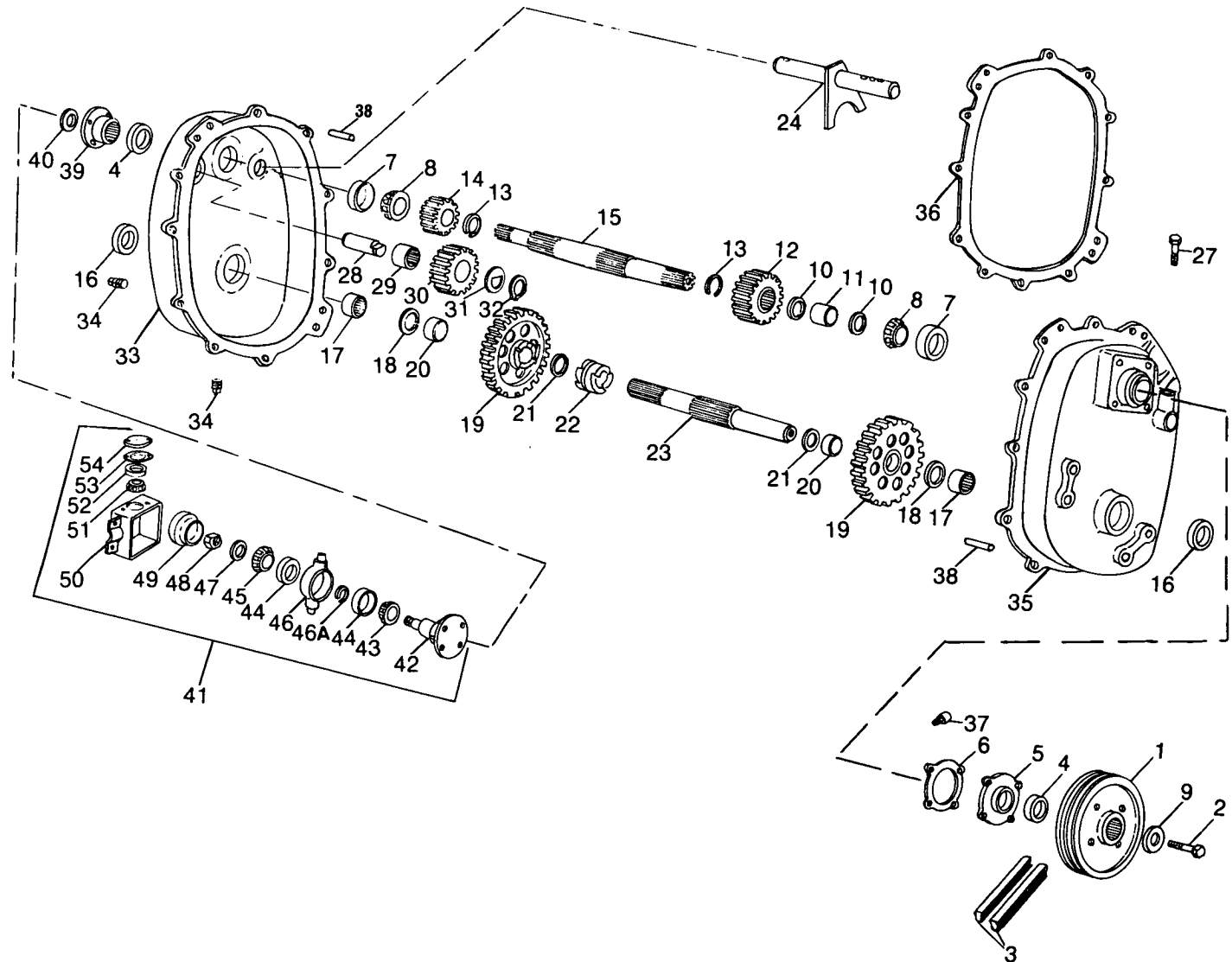
| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| | 787460 | | Reversing Gearbox Assembly, Complete (Includes Ref. Nos. 1 thru 38) |
| 1 | 143341 | 1 | Sheave, Double |
| 2 | 280217 | 1 | Cap Screw, Hex Head, Grade 5, 5/8" x 1 1/4" UNF 1 84057 Lockwasher, 5/8" |
| 3 | 579364 | 1 | "V" Belt Set (Matched Set of 2) |
| 4 | 701519 | 2 | Oil Seal |
| 5 | 579652 | 1 | Seal Closure 4 88543 Cap Screw, Hex Head, Grade 5, 5/16" x 1" 4 80681 Lockwasher, 5/16" |
| 6 | 34258 | AR | Shim, .005" (.127mm) |
| | 34259 | AR | Shim, .007" (.177mm) |
| | 34260 | AR | Shim, .020" (.508mm) |
| 7 | 36723 | 2 | Tapered Roller Bearing Cup |
| 8 | 36726 | 2 | Tapered Roller Bearing Cone |
| 9 | 122432 | 1 | Washer, Special |
| 10 | 63671 | 2 | Washer, Special |
| 11 | 42013 | 1 | Journal |
| 12 | 701281 | 1 | Gear, 23 Tooth |
| 13 | 138643 | 2 | Snap Ring, External |
| 14 | 701284 | 1 | Pinion, 19 Tooth |
| 15 | 701282 | 1 | Shaft, 11 3/4" Length (299.4mm) |
| 16 | 37857 | 2 | Oil Seal |
| 17 | 36312 | 2 | Needle Bearing |
| 18 | 36277 | 2 | Thrust Washer |
| 19 | 579234 | 2 | Gear w/Bushing (Ref. No. 20) 61 Tooth |
| 20 | 44776 | 2 | Bushing |
| 21 | 48360 | 2 | Washer, Special |
| 22 | 700905 | 1 | Clutch |
| 23 | 850079 | 1 | Shaft, 10 1/2" Length (266.4mm) |
| 24 | 701287 | 1 | Shifter Rod Weld Assembly |
| 27 | 88445 | 1 | Cap Screw, Hex Head, 5/16" x 1 1/4" UNF 1 87310 Hex Jam Nut, 9/16" UNF |
| 28 | 224430 | 1 | Idler Shaft |
| 29 | 218983 | 1 | Needle Bearing |
| 30 | 224328 | 1 | Idler Gear, 23 Tooth |
| 31 | 224431 | 1 | Washer, Special |
| 32 | 38785 | 1 | Retaining Ring |
| 33 | 612330 | 1 | Gearbox Housing, Half, w/Ref. No. 28 12 88011 Cap Screw, Hex Head, Grade 5, 3/8" x 1 1/4" 12 80680 Lockwasher, 3/8" 12 84944 Nut, 3/8" |
| 34 | 80775 | 2 | Pipe Plug, Square Head, 1/4" |
| 35 | 701276 | 1 | Gearbox Housing Half |
| 36 | 708323 | 1 | Gasket |
| 37 | 39818 | 1 | Pipe Plug Assembly w/Air Vent 1 39853 Air Vent |
| 38 | 87238 | 2 | Dowel Pin, 5/16" x 3/4" |
| 39 | **578996 | 1 | Hub 1 280217 Cap Screw, Hex Head, Grade 5, 5/8" x 1 1/4" UNF 1 84057 Lockwasher, 5/8" |
| 40 | **122432 | 1 | Washer, Special |

AR - As Required

** Used on machines with Model 717S Sickle Bar Attachment

CONTINUED

MODEL 790 FORAGE HARVESTER
REVERSING GEARBOX ASSEMBLY (CONTINUED)



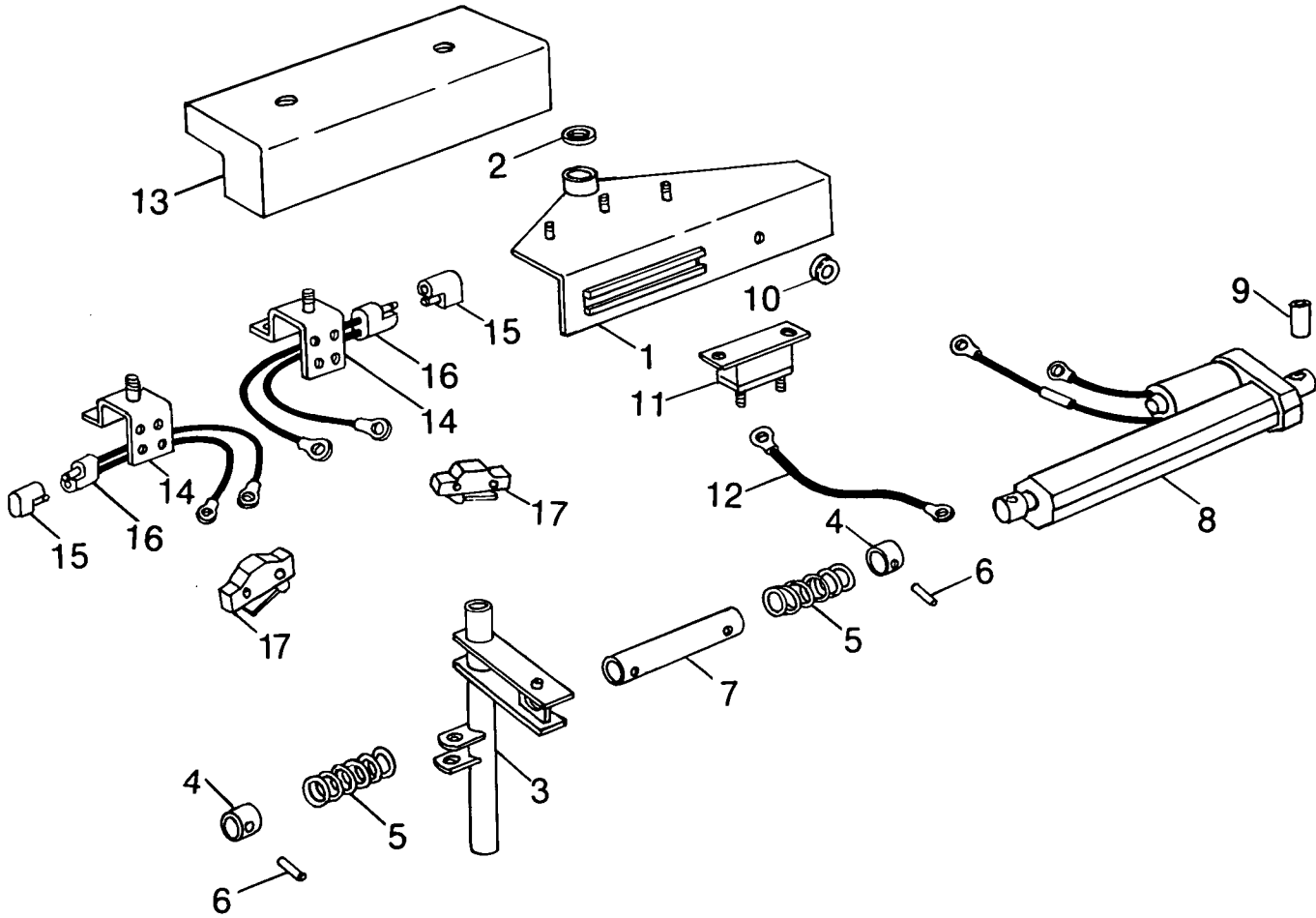
MODEL 790 FORAGE HARVESTER
 REVERSING GEARBOX ASSEMBLY (CONTINUED)

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 41 | **122600 | 1 | Wobble Joint Assembly (Includes Ref. Nos. 42 thru 54) |
| | | 4 | 87689 Cap Screw, Hex Head, 1/2" x 1 1/2" |
| | | 2 | 88494 Cap Screw, Hex Head, 5/8" x 3/4" |
| | | 4 | 80679 Lockwasher, 1/2" |
| | | 2 | 84057 Lockwasher, 5/8" |
| 42 | **132996 | 1 | Wobble Shaft |
| 43 | ** 48198 | 1 | Tapered Roller Bearing Cone |
| 44 | ** 36723 | 2 | Tapered Roller Bearing Cup |
| 45 | ** 36726 | 1 | Tapered Roller Bearing Cone |
| 46 | **121785 | 1 | Housing Assembly w/Ref. No. 46A |
| 46A | **121786 | 1 | Retaining Ring |
| 47 | ** 32362 | 1 | Washer, Special |
| 48 | ** 88886 | 1 | Hex Slotted Nut, 3/4" UNF |
| | | 1 | 87399 Cotter Pin, 3/16" x 1 3/4" |
| 49 | **249128 | 1 | Hub Cap |
| 50 | **171672 | 1 | Yoke Weld Assembly |
| | | 2 | 88494 Cap Screw, Hex Head, 5/8" x 1 3/4" |
| | | 2 | 84057 Lockwasher, 5/8" |
| 51 | ** 67372 | 2 | Tapered Roller Bearing Cone |
| 52 | ** 36725 | 2 | Tapered Roller Bearing Cup |
| 53 | ** 67375 | AR | Shim, .005" Thick (.127mm) |
| | **126105 | AR | Shim, .007" Thick (.177mm) |
| | **126106 | AR | Shim, .020" Thick (.508mm) |
| 54 | **130683 | 2 | Bearing Cap |
| | | 4 | 88206 Cap Screw, Hex Head, 3/8" x 1" |
| | | 4 | 80680 Lockwasher, 3/8" |
| | | 2 | 87415 Grease Fitting, 1/4"-28, 90° |

AR - As Required

** Used on machines with Model 717S Sickle Bar Attachment

MODEL 790 FORAGE HARVESTER
REVERSING GEARBOX CONTROL



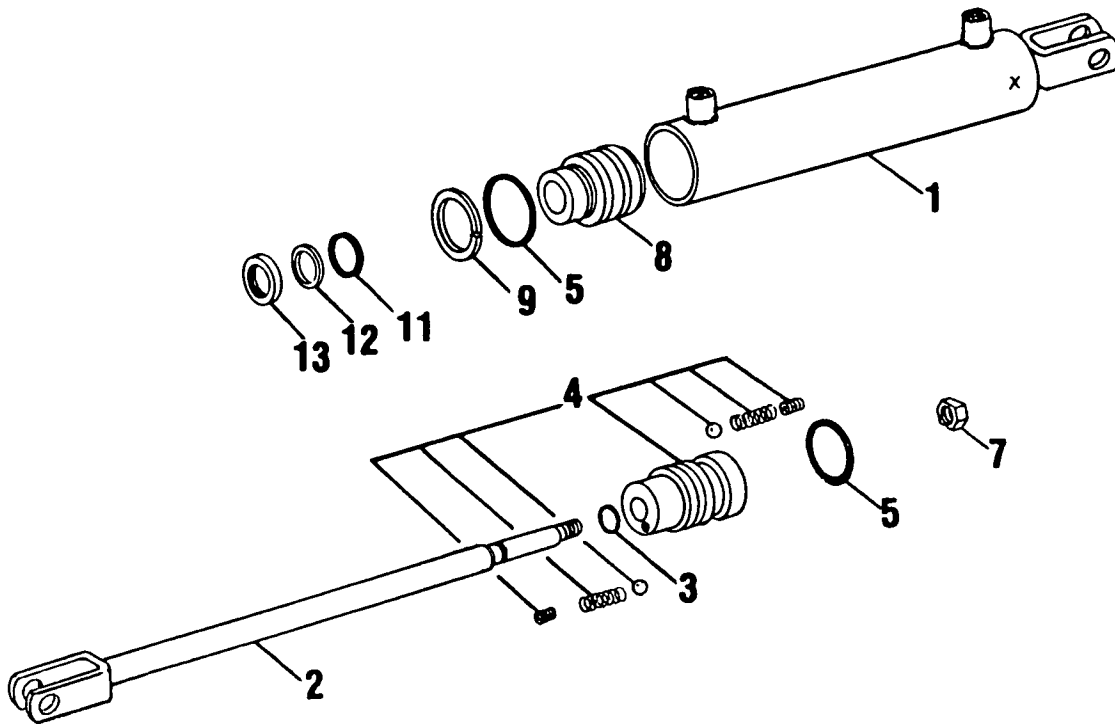
MODEL 790 FORAGE HARVESTER
REVERSING GEARBOX CONTROL

| Ref. No. | Part No. | No. Used | Description |
|----------|-------------|----------|---|
| 1 | 850585 | 1 | Support Weld Assembly 1 87414 Lube Fitting, 1/4"-28 2 280503 Bolt, Round Head, Short Square Neck, Grade 5, 3/8" x 1" 2 80680 Lockwasher, 3/8" 2 84944 Nut, 3/8" |
| 2 | 224245 | AR | Washer |
| 3 | 850590 | 1 | Shaft Weld Assembly 1 80754 Cotter Pin, 3/16" x 1 1/2" 1 88444 Cap Screw, Hex Head, Grade 5, 3/8" x 2 3/4" 2 80702 Washer, 3/8" 1 80680 Lockwasher, 3/8" 1 84944 Nut, 3/8" |
| 4 | 856963 | 2 | Collar --- Replaces 286453 |
| 5 | 184324 | 2 | Spring |
| 6 | 856962 | 2 | Spacer 2 280390 Cap Screw, Hex Head, Grade 5, 5/16" x 3 1/4" 2 88902 Locknut, Grade C, 3/8" |
| 7 | 850591 | 1 | Tube |
| 8 | 9804623 | 1 | Actuator --- Replaces 850589 1 87405 Cap Screw, Hex Head, Grade 5, 1/4" x 2 1/4" 1 280129 Locknut, Grade C, 1/4" |
| 9 | 856964 | 1 | Spacer |
| 10 | 244105 | 1 | Grommet |
| 11 | 768106 | 1 | Circuit Breaker 2 280878 Machine Screw, Pan Head, #10-24 x 3/8" 2 280254 Lockwasher, #10, Internal Tooth 2 87304 Nut, #10-24 |
| 12 | N.S. 850949 | 1 | Wire, 16 Gauge, Yellow, 16" Long |
| 13 | 851159 | 1 | Shield Weld Assembly 2 145458 Locknut, USR, 5/16" |
| 14 | 850586 | 2 | Switch Mount Weld Assembly 2 80664 Washer, 5/16" 2 80681 Lockwasher, 5/16" 2 84943 Nut, 5/16" |
| 15 | 774735 | 2 | Diode, 6 AMP |
| 16 | 850588 | 2 | Wire Harness Diode |
| 17 | 467820 | 2 | Switch |

AR - As Required

N.S. - Not Stocked

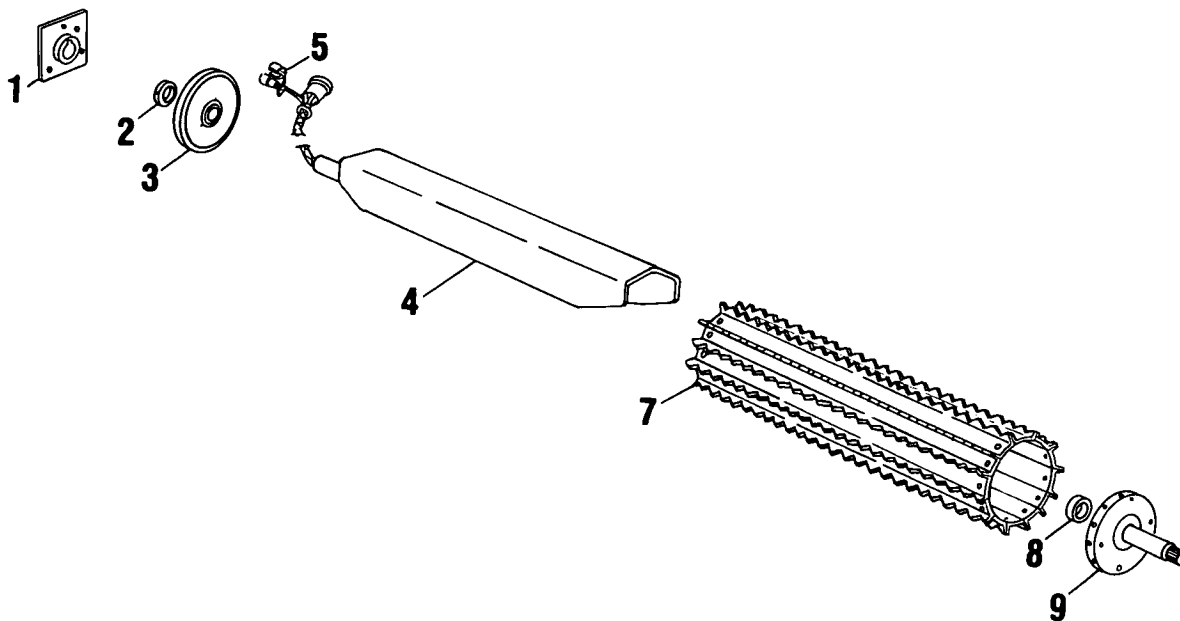
MODEL 790 FORAGE HARVESTER
ATTACHMENT LIFT CYLINDER



| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| | 850955 | 1 | Cylinder Assembly |
| 1 | N.S.S. | 1 | Barrel |
| 2 | 593696 | 1 | Rod Weld Assembly |
| 3 | 66297 | 1 | "O" Ring |
| 4 | 593786 | 1 | Piston Assembly |
| 5 | *510204 | 2 | "O" Ring |
| 7 | 280724 | 1 | Locknut, 3/4" UNF |
| 8 | 9621066 | 1 | Head Assembly (Includes Ref. Nos. 5, 11, 12 and 13) --- Replaces 592890 1 529034 Set Screw, Self-Locking |
| 9 | *512015 | 1 | Retaining Ring |
| 11 | *134372 | 1 | "O" Ring |
| 12 | *134371 | 1 | Back-Up Washer |
| 13 | *128406 | 1 | Oil Seal |
| | *593691 | 1 | Seal Repair Kit (Includes all items with an (*) Asterisk) |

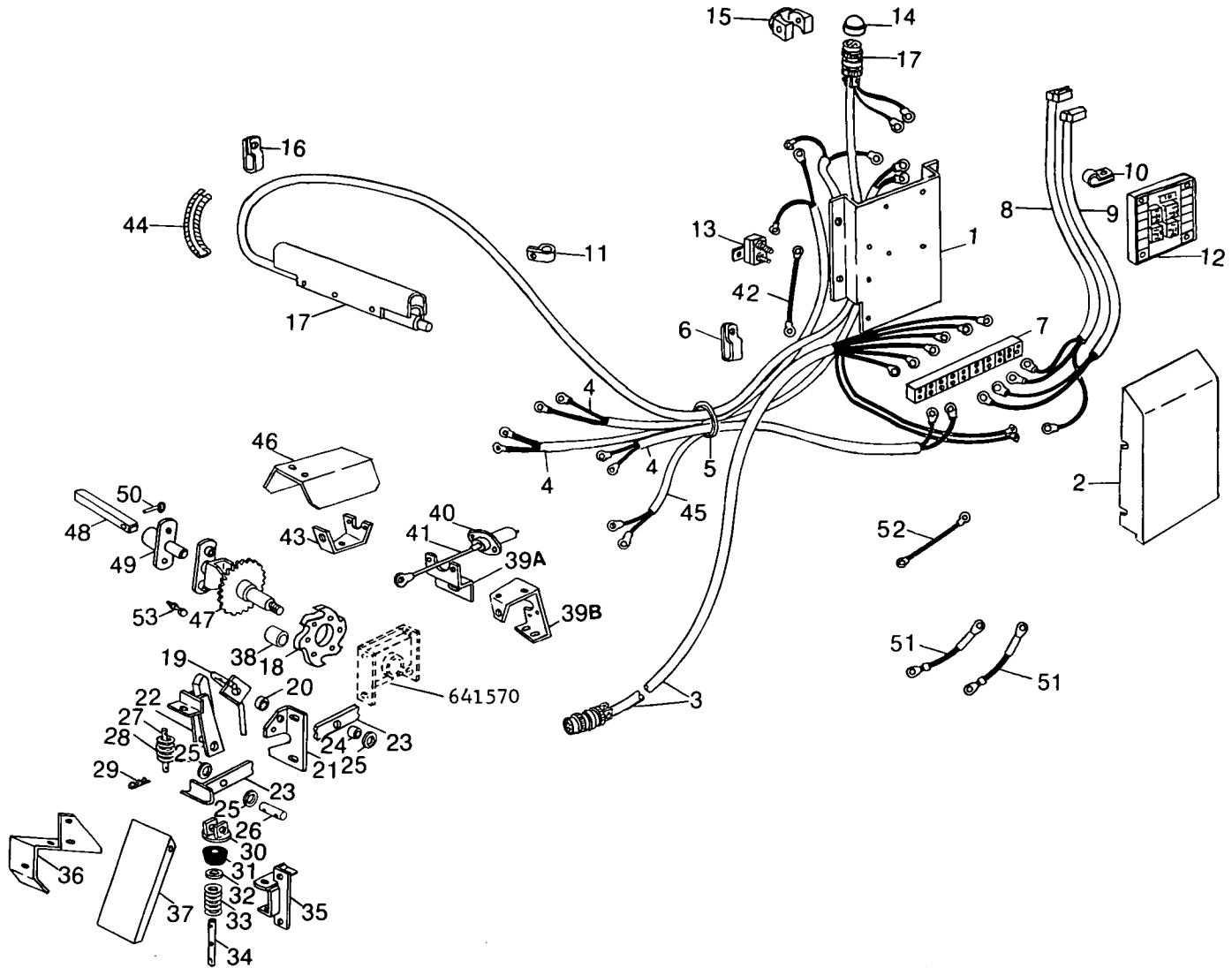
N.S.S. - Not Serviced Separately

MODEL 790 FORAGE HARVESTER
METAL DETECTOR FEEDROLL GROUP



| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 1 | 641348 | 1 | Hub Weld Assembly |
| | | 4 | 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" |
| | | 4 | 80680 Lockwasher, 3/8" |
| 2 | 38767 | 1 | Locking Collar w/Set Screw |
| | | 1 | 80429 Set Screw, Hex Socket Head, 5/16" x 5/16" |
| 3 | 764915 | 1 | Hub Assembly, RH |
| 4 | 9614143 | 1 | Metal Detector Assembly (Remanufactured) --- Replaces 770321, 9614142 |
| | | 1 | 80768 Woodruff Key, 1/4" x 1" |
| 5 | 697538 | 1 | Clamp |
| 7 | 676111 | 1 | Feedroll Weld Assembly |
| | | 24 | 280456 Cap Screw, Hex Head, Stainless Steel, 3/8" x 1" |
| 8 | 362804 | 1 | Ball Bearing |
| 9 | 9800638 | 1 | Hub and Shaft Assembly, LH --- Replaces 769641 and 641157 |

MODEL 790 FORAGE HARVESTER
METAL DETECTOR GROUP



MODEL 790 FORAGE HARVESTER
METAL DETECTOR GROUP

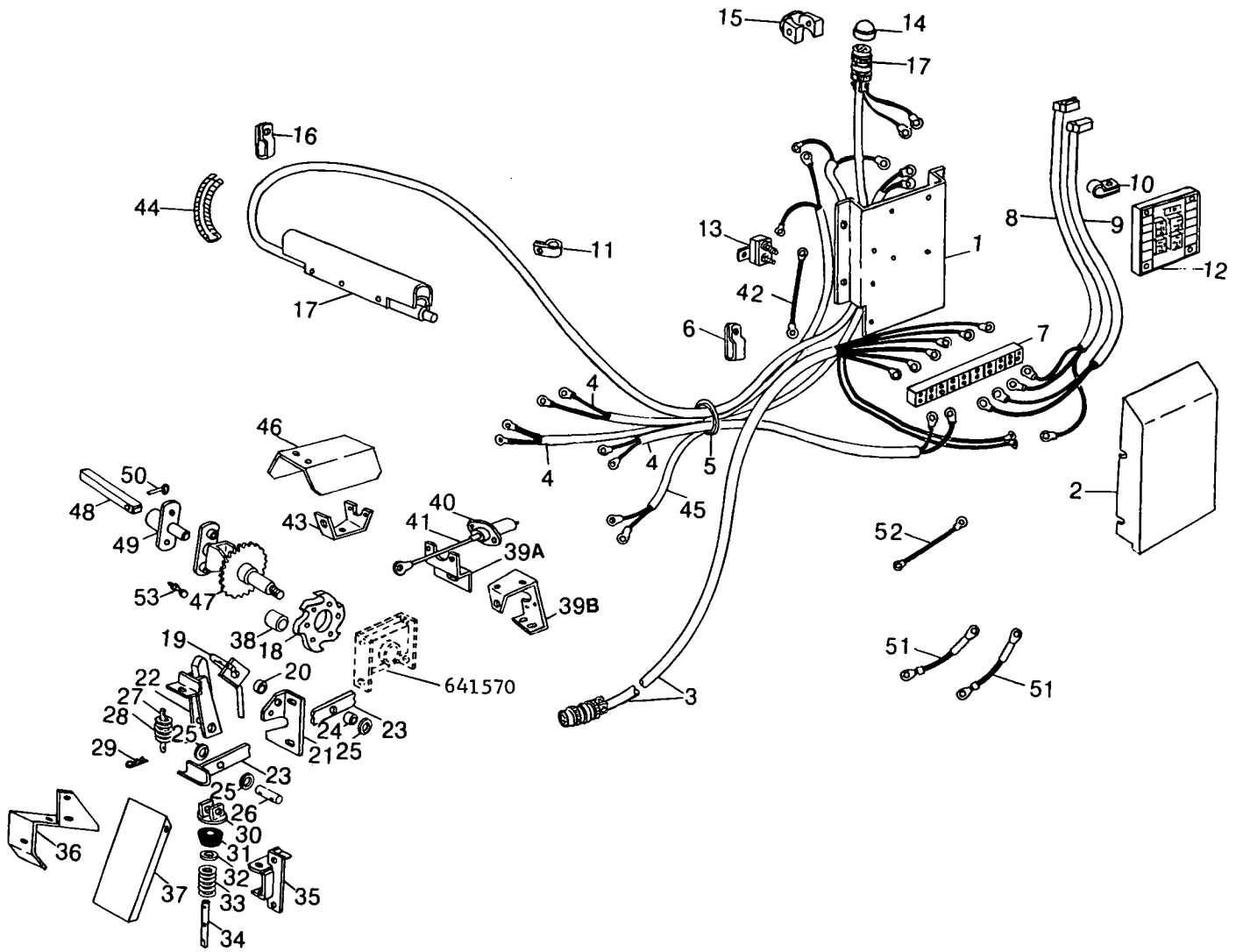
| Ref. No. | Part No. | No. Used | Description |
|----------|------------|----------|---|
| 1 | 798866 | 1 | Mount Weld Assembly |
| | | | 4 145913 Lockscrew, USR, 5/16" x 3/4" |
| 2 | 9601504 | 1 | Cover --- Replaces 798864 |
| | | | 4 590860 Lockscrew, USR, 1/4" x 3/8" |
| 3 | 858555 | 1 | Wire Harness - Metal Detector --- Replaces 786704 |
| | | | 1 81743 Machine Screw, Truss Head, #8 x 1/2" |
| | | | 1 87812 Lockwasher, #8 |
| | | | 1 87653 Nut, #8 |
| 4 | 786590 | 3 | Wire Harness |
| 5 | 574820 | 1 | Grommet |
| 6 | 711051 | 1 | Clamp |
| | | | 1 590860 Lockscrew, USR, 1/4" x 3/8" |
| 7 | 785337 | 1 | Terminal Block |
| | | | 2 60485 Machine Screw, Truss Head, #10 x 3/4" |
| | | | 2 80684 Lockwasher, #10 |
| | | | 2 87304 Nut, #10 |
| 8 | 785935 | 1 | Wire Harness - Flipper Motor |
| 9 | 785936 | 1 | Wire Harness - Spout Motor |
| 10 | 577927 | 2 | Clamp |
| | | | 1 145913 Lockscrew, USR, 5/16" x 3/4" |
| | | | 1 145458 Locknut, USR, 5/16" |
| 11 | 578070 | 2 | Clamp |
| | 605024 | 2 | Clamp |
| | | | 2 88543 Cap Screw, Hex Head, Grade 5, 5/16" x 1" |
| | | | 2 145458 Locknut, USR, 5/16" |
| 12 | 787358 | 1 | Electronics Assembly |
| | | | 4 87812 Lockwasher, #8 |
| | | | 4 87653 Nut, #8 |
| 13 | 768106 | 1 | Circuit Breaker |
| | | | 2 84821 Machine Screw, Truss Head, #10 x 1/2" |
| | | | 2 80684 Lockwasher, #10 |
| | | | 2 87304 Nut, #10 |
| 14 | 697638 | 1 | Plug |
| 15 | 697538 | 1 | Clamp |
| | | | 1 81743 Machine Screw, Truss Head, #8 x 1/2" |
| | | | 1 87812 Lockwasher, #8 |
| | | | 1 87653 Nut, #8 |
| 16 | 605024 | 7 | Clamp |
| | | | 3 88946 Self-Tapping Screw, Hex Head, 1/4" x 3/4" |
| | | | 2 88573 Cap Screw, Hex Head, Grade 5, 1/4" x 3/4" |
| | | | 5 80682 Lockwasher, 1/4" |
| | | | 2 84942 Nut, 1/4" |
| 17 | 9804165 | 1 | Metal Detector Assembly --- Replaces 770321, 9614142, 9614143 |
| | | | 1 80768 Woodruff Key, 1/4" x 1" |
| 18 | 245192 | 1 | Ratchet Wheel |
| | | | 6 87972 Cap Screw, Hex Head, Grade 5, 1/2" x 2 1/2" |
| | | | 6 80679 Lockwasher, 1/2" |
| | | | 6 65319 Washer, Special |
| 19 | (c) 641786 | 1 | Rod Weld Assembly |
| | (d) 859569 | 1 | Rod Weld Assembly |
| | | | (c)1 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" |
| | | | (c)1 87016 Washer, 3/8" SAE |
| | | | (c)1 80680 Lockwasher, 3/8" |
| | | | (d)1 88543 Cap Screw, Hex Head, Grade 5, 5/16" x 1" |
| | | | (d)1 80664 Washer, 5/16" |
| | | | (d)1 80681 Lockwasher, 5/16" |
| | | | (d)1 84943 Nut, 5/16" |
| 20 | 859896 | 1 | Spacer |

(c) Used on and below Serial No. 744440

(d) Used on and above Serial No. 744441

CONTINUED

MODEL 790 FORAGE HARVESTER
METAL DETECTOR GROUP (CONTINUED)



MODEL 790 FORAGE HARVESTER
METAL DETECTOR GROUP (CONTINUED)

| Ref. No. | Part No. | No. Used | Description |
|----------|-------------|----------|---|
| 21 | (c) 641789 | 1 | Bracket Weld Assembly |
| | (d) 859563 | 1 | Bracket Weld Assembly |
| 22 | (c) 641796 | 1 | Pawl Weld Assembly |
| | (d) 859564 | 1 | Pawl Weld Assembly |
| 23 | (c) 641783 | 1 | Pivot Arm Weld Assembly |
| | (d) 859572 | 1 | Pivot Arm Weld Assembly |
| | | | 1 88552 Cap Screw, Hex Head, Grade 5, 1/2" x 2" |
| | | | 1 143479 Washer |
| | | | 1 80679 Lockwasher, 1/2" |
| | | | 1 280431 Nut, Grade 5, 1/2" |
| 24 | 609446 | 1 | Spacer |
| 25 | 26260 | AR | Washer |
| 26 | 642076 | 1 | Pin |
| | | | 2 87398 Cotter Pin, 3/16" x 1 1/4" |
| 27 | (a) 642075 | 1 | Pin |
| | (b) 859574 | 1 | Pin |
| | | | 1 80756 Cotter Pin, 1/8" x 3/4" |
| 28 | (a) 782803 | 1 | Spring |
| | (b) 249745 | 1 | Spring |
| 29 | 216698 | 1 | Hairpin Cotter |
| 30 | 641756 | 1 | Clevis Weld Assembly |
| | | | 1 714555 Lockscrew, USR, 3/8" x 1" |
| 31 | 510353 | 1 | Rubber Bumper |
| 32 | 87381 | 1 | Washer, 3/4" SAE |
| 33 | 511461 | 1 | Spring |
| 34 | 859577 | 1 | Shaft --- Replaces 641764 |
| | | | 1 80754 Cotter Pin, 3/16" x 1 1/2" |
| 35 | 859964 | 1 | Stop Weld Assembly --- Replaces 641774 |
| | | | 2 88062 Cap Screw, Hex Head, Grade 5, 5/8" x 1 1/2" |
| | | | 2 87365 Washer, 5/8" |
| | | | 2 84057 Lockwasher, 5/8" |
| | | | 2 84947 Nut, 5/8" |
| 36 | 647714 | 1 | Support |
| | | | 3 145913 Lockscrew, USR, 5/16" x 3/4" |
| | | | 3 145458 Locknut, USR, 5/16" |
| 37 | 859575 | 1 | Shield Weld Assembly --- Replaces 647713 |
| | | | 2 145913 Lockscrew, USR, 5/16" x 3/4" |
| | | | 2 145458 Locknut, USR, 5/16" x 3/4" |
| 38 | 641787 | 6 | Spacer |
| 39 | (a) 641788 | 1 | Support |
| | (b) 859562 | 1 | Support |
| | | | 2 88543 Cap Screw, Hex Head, Grade 5, 5/16" x 1" |
| | | | 2 80702 Washer, 5/16" |
| | | | 2 80681 Lockwasher, 5/16" |
| 40 | 857964 | 1 | Solenoid --- Replaces 623309 |
| | | | 2 523292 Lockscrew, USR, 1/4" x 3/4" |
| | | | 2 523282 Locknut, USR, 1/4" |
| 41 | 623308 | 1 | Cable |
| | | | 1 80701 Washer, 1/4" |
| | | | 1 84942 Nut, 1/4" |
| | | | 2 87362 Washer, 5/16" SAE |
| | | | 2 80756 Cotter Pin, 1/8" x 3/4" |
| 42 (a) | N.S. 716638 | 1 | Wire, 5" Long, 10 Gauge |
| 43 | 859069 | 1 | Retainer --- Replaces 628474 |
| | | | 1 *33778 Hairpin Cotter |
| | | | 1 88213 Machine Screw, Truss Head, 1/4" x 1 3/4" |
| | | | 1 87305 Jam Nut, 1/4" |

AR - As Required

N.S. - Not Stocked - Fabricate Locally

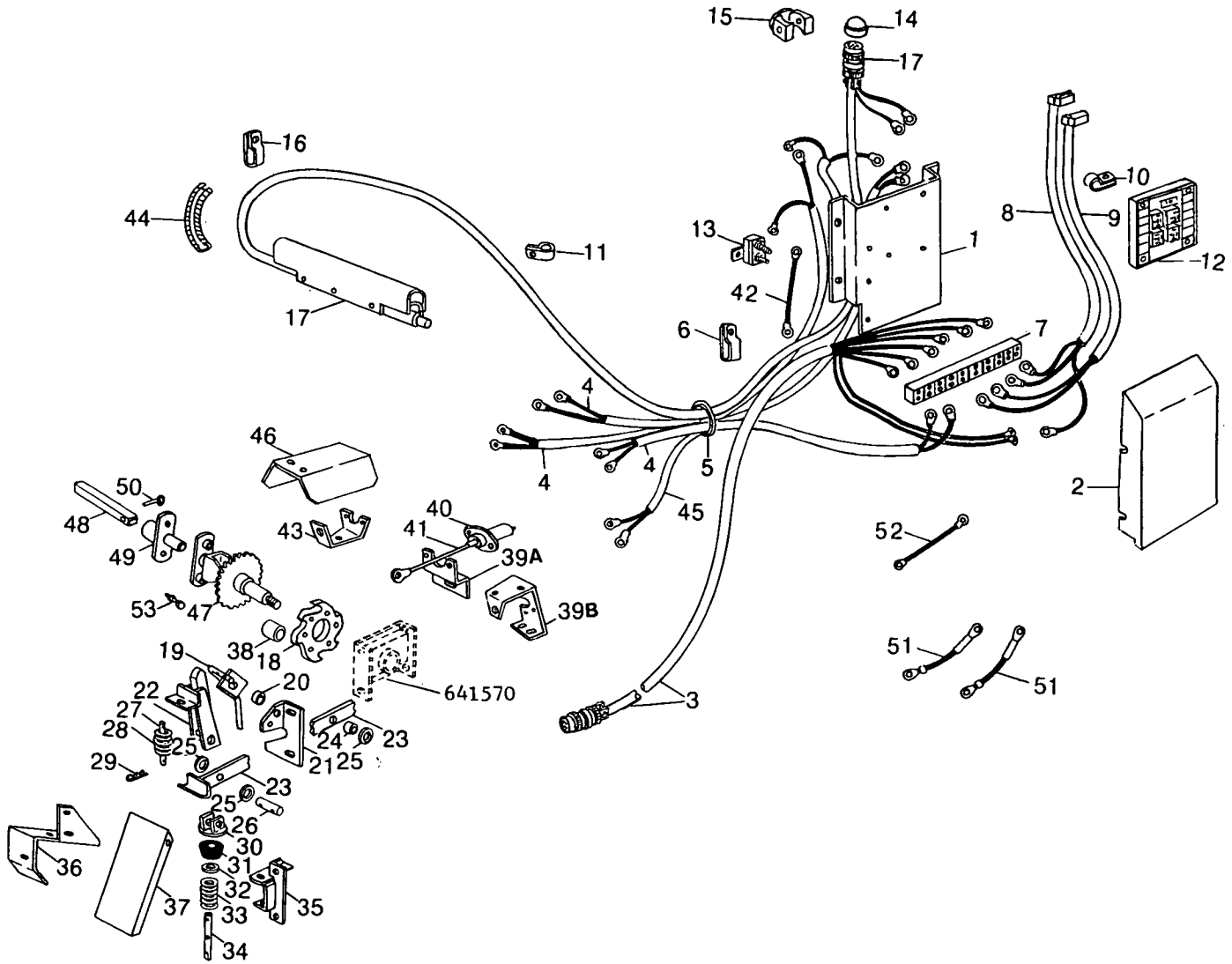
* Used with old style Solenoid and Retainer

(a) Used on and below Serial No. 512036

(b) Used on and above Serial No. 512037

CONTINUED

MODEL 790 FORAGE HARVESTER
METAL DETECTOR GROUP (CONTINUED)



MODEL 790 FORAGE HARVESTER
METAL DETECTOR GROUP (CONTINUED)

| Ref. No. | Part No. | No. Used | Description |
|----------|--------------|----------|---|
| 44 | 258985 | AR | Split Conduit |
| 45 | 858510 | 1 | Wire Harness, Control Panel to Solenoid |
| 46 | (b) 859897 | 1 | Shield 2 690341 Self-Tapping Screw, Hex Washer Head, 5/16" x 5/8" |
| 47 | 641772 | 1 | Yoke Weld Assembly (Includes Sleeve) AR 58147 Shear Bolt Sleeve |
| 48 | 641759 | 1 | Shaft |
| 49 | 716321 | 1 | Shear Hub (Includes Sleeve) AR 58148 Shear Bolt Sleeve |
| 50 | 647695 | 1 | Snap Pin |
| * 51 | 249964 | 2 | Diode |
| 52 | N.S. 9800311 | 1 | Wire, 16 GA., 5" long, #8 + #10 Ring |
| 53 | 58118 | AR | Shearbolt with Nut |

AR - As Required

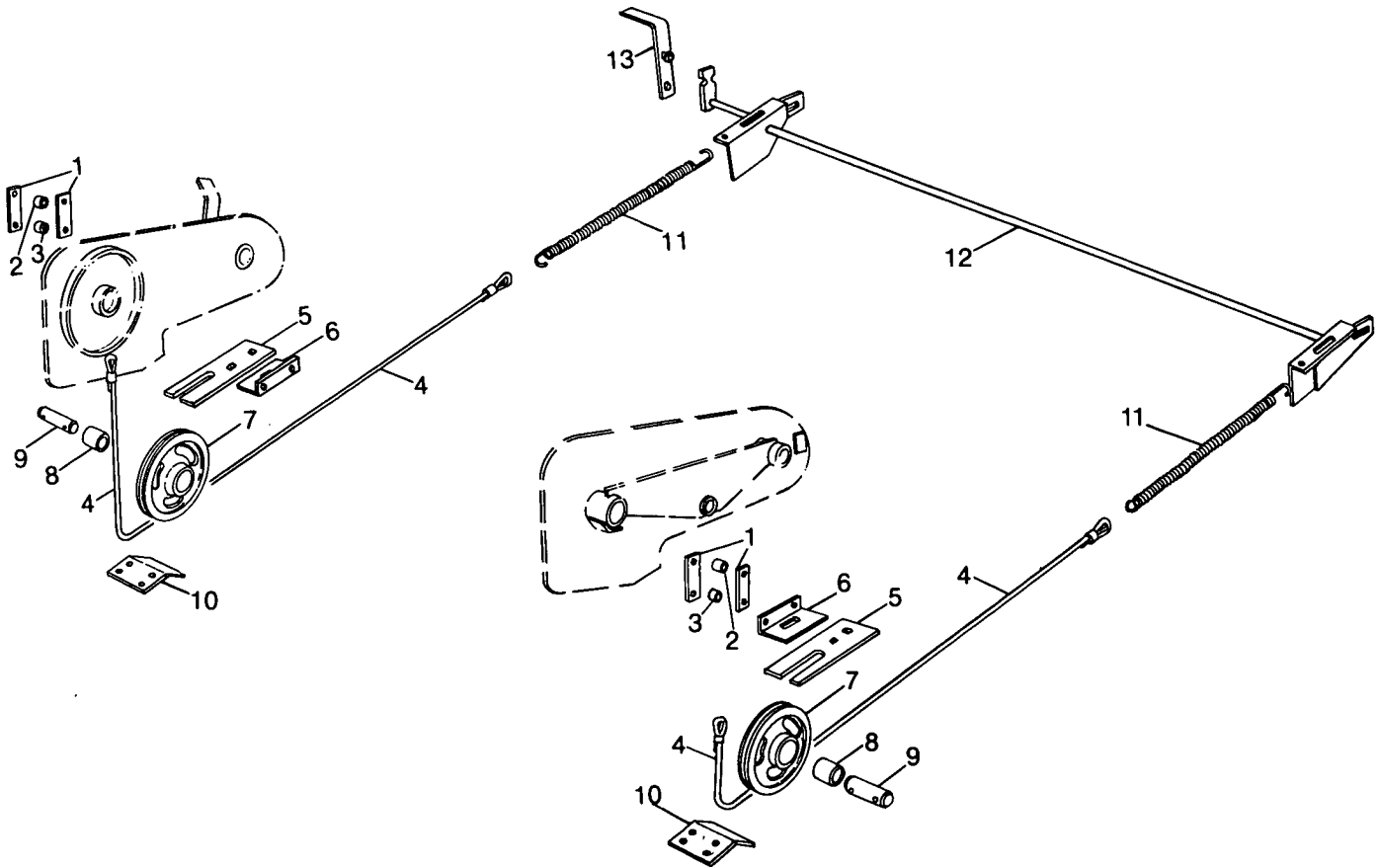
N.S. - Not Stocked - Fabricate Locally

(b) Used on and above Serial No. 512037

* See SB US 97-09-15

(reversing gearbox shifting problems)
↳ damaged diodes

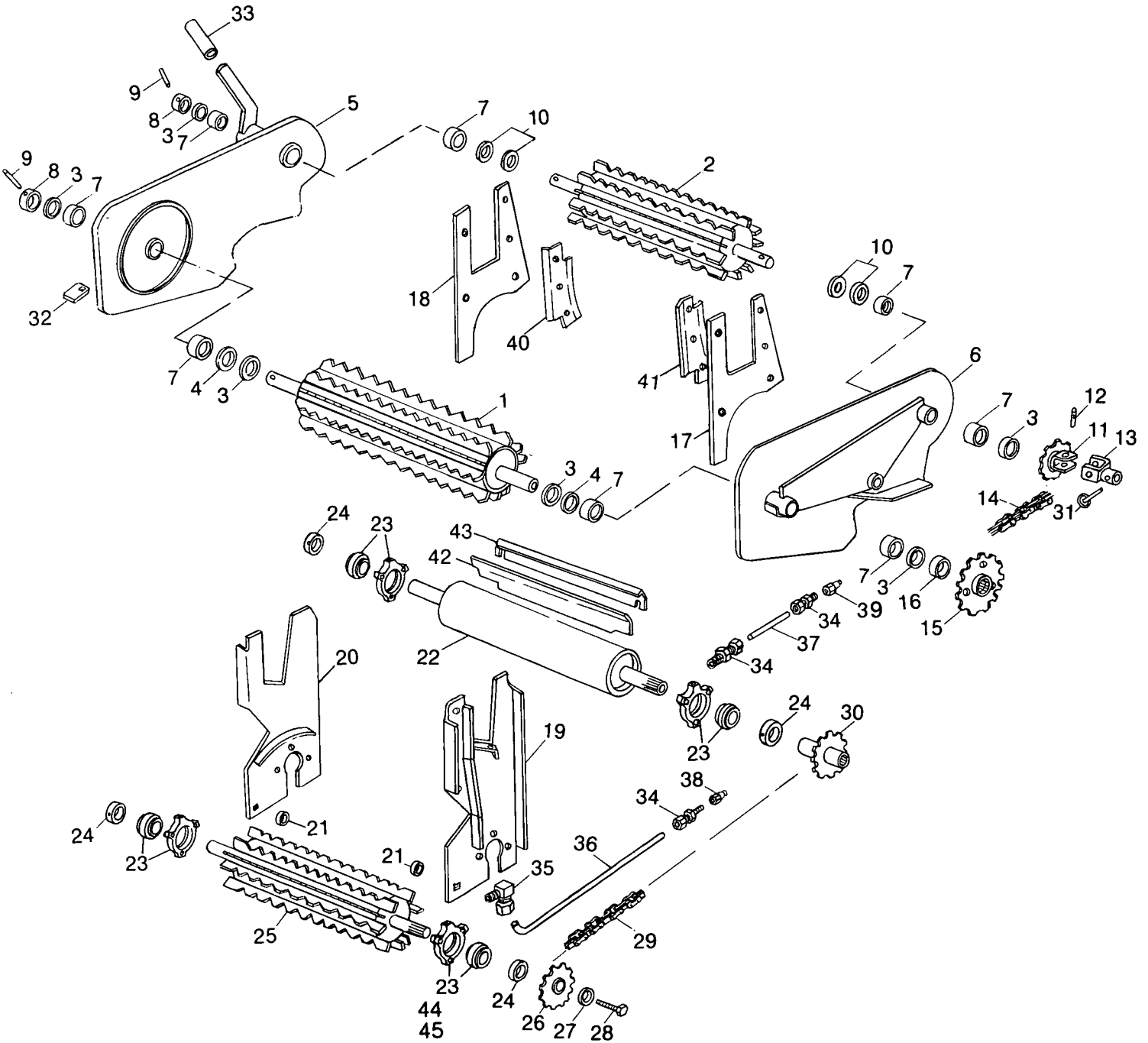
MODEL 790 FORAGE HARVESTER
FEEDROLL EQUALIZER GROUP



MODEL 790 FORAGE HARVESTER
FEEDROLL EQUALIZER GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 9617912 | 4 | Plate --- Replaces 142516 4 88011 Cap Screw, Hex Head, Grade 5, 3/8" x 1 1/4" 4 88902 Locknut, Grade C, 3/8" |
| 2 | 254146 | 2 | Spacer |
| 3 | 105259 | 2 | Spacer |
| 4 | 700493 | 2 | Wire Cable |
| 5 | 700492 | 2 | Pad |
| 6 | 700489 | 2 | Angle 6 280497 Bolt, Round Head, Short Square Neck, 5/16" x 3/4" 6 80681 Lockwasher, 5/16" 6 84943 Hex Nut, 5/16" |
| 7 | 579653 | 2 | Idler w/Bushing, Ref. No. 8 |
| 8 | 700411 | 2 | Bushing |
| 9 | 700490 | 2 | Pin 2 87400 Cotter Pin, 3/16" x 2" 2 80752 Cotter Pin, 1/4" x 2 1/2" |
| 10 | 707265 | 2 | Angle 4 88543 Cap Screw, Hex Head, 5/16" x 1" 4 80681 Lockwasher, 5/16" 4 84943 Hex Nut, 5/16" |
| 11 | 700914 | 2 | Spring |
| 12 | 700443 | 1 | Mount Weld Assembly 4 87868 Carriage Bolt, 1/2" x 1 1/4" 4 80700 Washer, 1/2" 4 80679 Lockwasher, 1/2" 4 280431 Hex Nut, Grade 5, 1/2" |
| 13 | 606826 | 1 | Handle Weld Assembly |

MODEL 790 FORAGE HARVESTER
FEEDROLL GROUP



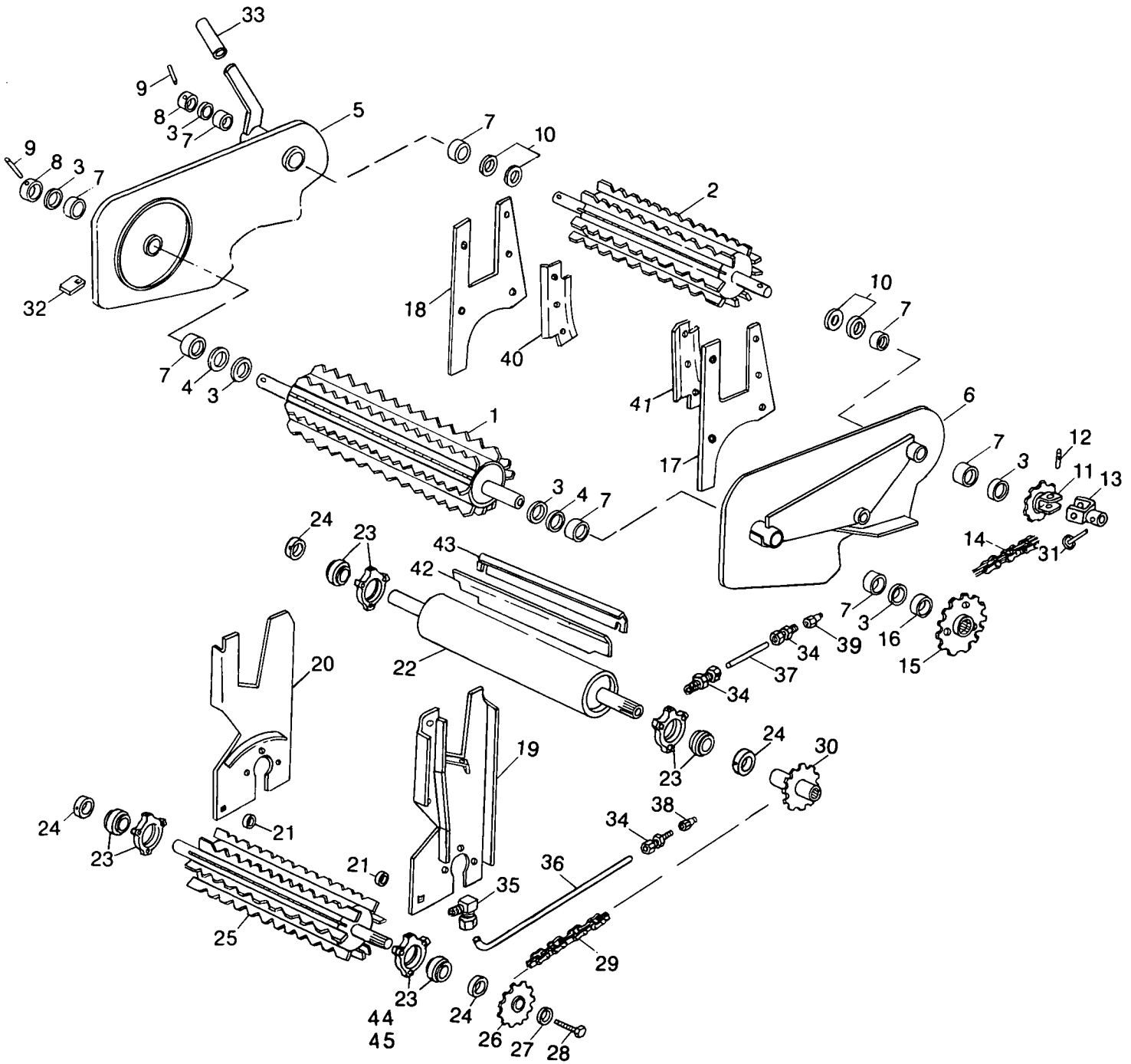
MODEL 790 FORAGE HARVESTER
FEEDROLL GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 1 | 700454 | 1 | Front Feedroll Weld Assembly, Upper - Non-Metal Detector Units Only |
| | 641357 | 1 | Front Feedroll Weld Assembly, Upper - Metal Detector Units Only |
| 2 | 686539 | 1 | Rear Feedroll Weld Assembly, Upper |
| 3 | 36622 | AR | Space Washer |
| 4 | 00672 | AR | Space Washer |
| 5 | 784247 | 1 | Side Sheet Weld Assembly, RH -- Replaces 700417 w/Ref. No. 7 |
| | | 2 | 87414 Grease Fitting, 1/4"-28, Straight |
| 6 | 784248 | 1 | Side Sheet Weld Assembly, LH -- Replaces 700416 w/Ref. No. 7 |
| | | 2 | 87414 Grease Fitting, 1/4"-28, Straight |
| 7 | 574171 | 8 | Bushing |
| 8 | 122476 | 2 | Collar |
| 9 | 88313 | 2 | Groove Pin, Type "E", 1/4" x 1 3/4" |
| 10 | 46035 | AR4 | Washer, Special |
| 11 | 132898 | 1 | Sprocket and Yoke Weld Assembly |
| | | 1 | 88546 Cap Screw, Hex Head, Grade 5, 3/8" x 2 1/4" |
| | | 1 | 88902 Locknut, Grade C, 3/8" |
| 12 | 122389 | 1 | Pin, Yoke |
| | | 1 | 280404 Groove Pin, Type "E", 3/16" x 1 1/2" |
| 13 | 9806635 | 1 | Yoke Weld Assembly --- Replaces 122392 |
| | | 1 | 80719 Grease Fitting, 1/8", PT, 90° |
| 14 | 122469 | 1 | Chain Assembly, CA 550, 21 Pitches |
| | | 19 | 43278 Roller Link |
| | | 1 | 40242 Offset Link |
| | | 1 | 40241 Coupler Link |
| 15 | 225925 | 1 | Sprocket, Front Roll, 13 Tooth |
| | | 1 | 87670 Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/4" |
| | | 1 | 80679 Lockwasher, 1/2" |
| 16 | 33980 | 1 | Spacer |
| 17 | 784242 | 1 | Plate, LH |
| | | 5 | 280591 Cap Screw, Hex Socket, Flat Head, 5/16" x 1 1/4" |
| | | 5 | 80681 Lockwasher, 5/16" |
| | | 5 | 84943 Nut, 5/16" |
| 18 | 784241 | 1 | Plate, RH |
| | | 5 | 280591 Cap Screw, Hex Socket, Flat Head, 5/16" x 1 1/4" |
| | | 5 | 80681 Lockwasher, 5/16" |
| | | 5 | 84943 Nut, 5/16" |
| 19 | 700429 | 1 | Side Plate Weld Assembly, LH |
| | | 5 | 88434 Cap Screw, Hex Head, 3/8" x 3/4" |
| | | 1 | 88707 Bolt, Round Head, Short Square Neck, Grade 5, 1/2" x 1 1/4" |
| | | 5 | 80680 Lockwasher, 3/8" |
| | | 1 | 80679 Lockwasher, 1/2" |
| | | 5 | 84944 Nut, 3/8" |
| | | 1 | 280431 Nut, Grade 5, 1/2" |
| 20 | 764384 | 1 | Side Plate Weld Assembly, RH |
| | | 5 | 88434 Cap Screw, Hex Head, 3/8" x 3/4" |
| | | 1 | 88707 Bolt, Round Head, Short Square Neck, Grade 5, 1/2" x 1 1/4" |
| | | 4 | 80680 Lockwasher, 3/8" |
| | | 1 | 80679 Lockwasher, 1/2" |
| | | 4 | 84944 Nut, 3/8" |
| | | 1 | 280431 Nut, Grade 5, 1/2" |
| 21 | 11494 | 2 | Collar |
| 22 | 764785 | 1 | Smooth Roll Weld Assembly |

AR - As Required

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MODEL 790 FORAGE HARVESTER
FEEDROLL GROUP (CONTINUED)

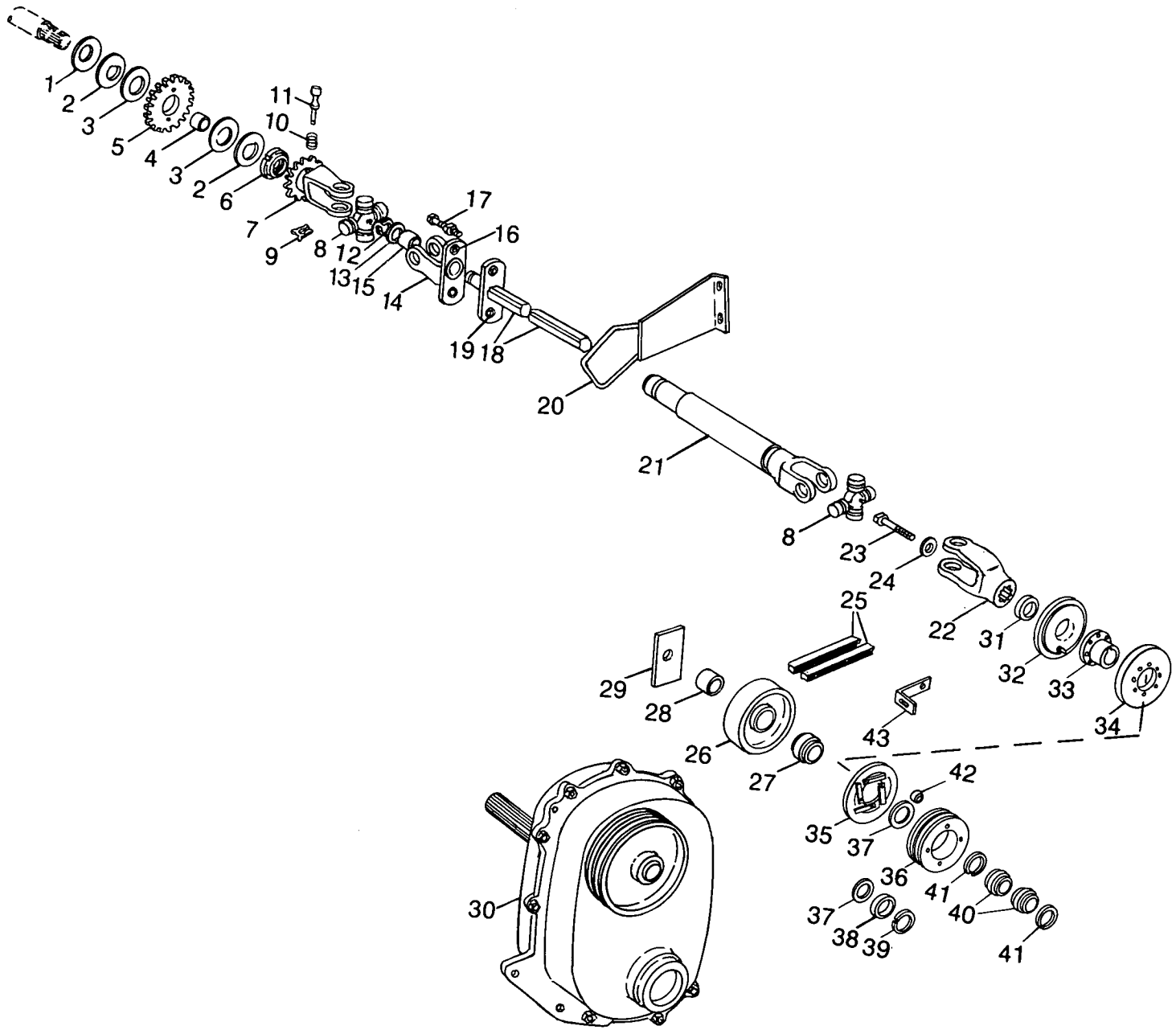


MODEL 790 FORAGE HARVESTER
FEEDROLL GROUP (CONTINUED)

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 23 | 700491 | AR | Bearing and Housing Assembly, Selective Fit 1 80719 Grease Fitting, 1/8" PT, 90° AR 88011 Cap Screw, Hex Head, 3/8" x 1 1/4" AR 80680 Lockwasher, 3/8" AR 84944 Nut, 3/8" |
| 24 | 45876 | AR | Locking Collar w/Set Screw AR 80429 Set Screw, Hex Socket, Cup Point, 5/16" x 5/16" |
| 25 | 700464 | 1 | Front Feedroll Weld Assembly, Lower - Non-Metal Detector Units Only |
| 26 | 137930 | 1 | Sprocket Weld Assembly, 30 Tooth |
| 27 | 26312 | 1 | Washer |
| 28 | 280826 | 1 | Cap Screw, Hex Head, Grade 5, 1/2" x 1" 1 80679 Lockwasher, 1/2" |
| 29 | 36314 | 1 | Chain Assembly, Lower Roll Drive, RC 50, 44 Pitches 43 25805 Roller Link 1 42472 Coupler Link |
| 30 | 122397 | 1 | Sprocket Weld Assembly, 14 Tooth 1 84983 Set Screw, Square Head, Cone Point, 3/8" x 1" 1 84969 Hex Jam Nut, 3/8" |
| 31 | 647695 | 1 | Pin |
| 32 | 253108 | 2 | Pad 2 280503 Bolt, Round Head, Short Square Neck Grade 5, 3/8" x 1" 2 80680 Lockwasher, 3/8" 2 84944 Nut, 3/8" |
| 33 | 265502 | 1 | Hand Grip |
| 34 | 11787 | 3 | Fitting |
| 35 | 48564 | 1 | Male Elbow |
| 36 | 258571 | AR | Lube Line |
| 37 | 122481 | AR | Lube Line |
| 38 | 84303 | AR | Lube Fitting, 1/8" PT, Straight |
| 39 | 280397 | AR | Lube Fitting, 1/8" PT, 45° |
| 40 | 784239 | 1 | Crop Guide, RH |
| 41 | 784240 | 1 | Crop Guide, LH |
| 42 | 701316 | 1 | Scraper, Smooth Roll 2 87909 Cap Screw, Hex Head, Grade 5, 1/2" x 1" 2 80700 Washer, 1/2" 2 80679 Lockwasher, 1/2" |
| 43 | 701317 | 1 | Support, Scraper |
| 44 | 773378 | 1 | Bearing and Housing Assembly - Metal Detector Units Only (Includes Ref. No. 45) 3 88011 Cap Screw, Hex Head, Grade 5, 3/8" x 1 1/4" 3 80682 Lockwasher, 3/8" 3 84944 Nut, 3/8" |
| 45 | 134686 | 1 | Bearing - Metal Detector Units Only |

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MODEL 790 FORAGE HARVESTER
CUTTERHEAD DRIVE GROUP



MODEL 790 FORAGE HARVESTER
CUTTERHEAD DRIVE GROUP

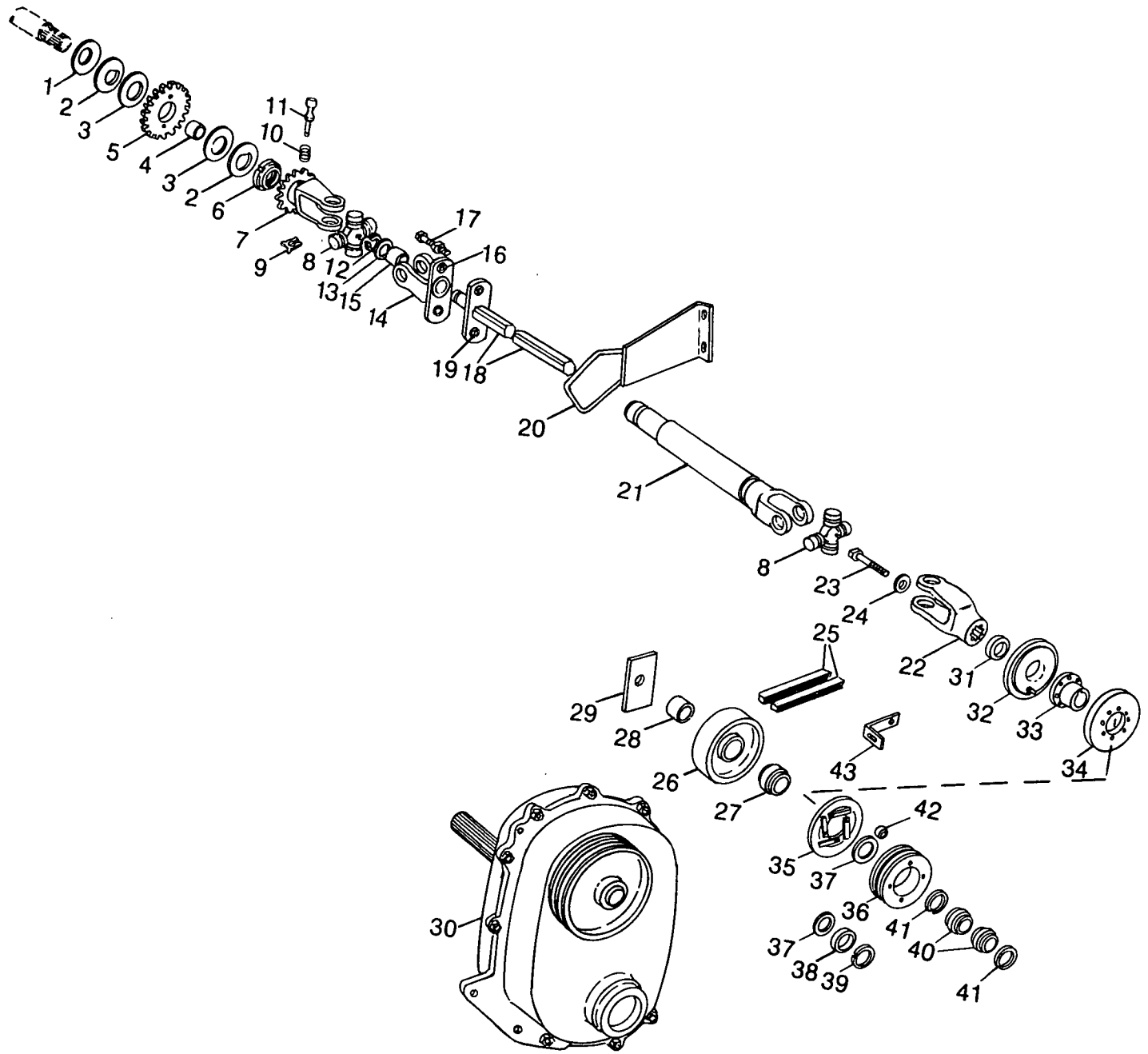
| Ref. No. | Part No. | No. Used | Description |
|----------|-------------|----------|--|
| 1 | 249851 | 1 | Spring Washer |
| 2 | 249852 | 2 | Washer, Special |
| 3 | 249853 | 2 | Clutch Disc |
| 4 | 249855 | 1 | Bushing |
| 5 | 708679 | 1 | Gear, 19 Tooth |
| 6 | 126003 | 1 | Nut, Stake |
| 7 | (a) 718556 | 1 | Yoke and Gear Weld Assembly (1/4" Shearbolt) |
| | (b) 9619687 | 1 | Yoke and Gear Weld Assembly (Includes Ref. Nos. 8, 9, 10, 11 and 14) (5/16" Shearbolt) |
| 8 | 29214 | 2 | Spider Bearing Assembly |
| 9 | 40305 | 1 | "X" Washer |
| 10 | 26981 | 1 | Spring |
| 11 | 226196 | 1 | Pin, Release |
| 12 | 244245 | 1 | Retaining Ring |
| 13 | 26558 | 1 | Washer |
| 14 | (a) 578806 | 1 | Yoke Weld Assembly (Includes Ref. Nos. 15 and 16) |
| | (b) 9619690 | 1 | Yoke Weld Assembly (Includes Ref. Nos. 15 and 16) |
| 15 | 703784 | 1 | Bushing |
| 16 | (a) 46522 | 2 | Shear Bolt Sleeve 1/4" Shearbolt |
| | (b) 46060 | 2 | Shear Bolt Sleeve 5/16" Shearbolt |
| 17 | (a) 46520 | 2 | Shear Bolt w/Nut, 1/4" x 1 1/2" |
| | (b) 46047 | 2 | Shear Bolt w/Nut, 5/16" x 1 1/2" |
| 18 | (a) 621425 | 1 | Shaft Weld Assembly (Includes Ref. No. 19) --- Replaces 243212, 578785 |
| | (b) 9619688 | 1 | Shaft Weld Assembly (Includes Ref. No. 16, 46060) |
| 19 | (a) 46585 | 2 | Shear Bolt Sleeve 1/4" Shearbolt |
| 20 | 710450 | 1 | Guard Weld Assembly 2 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" 2 80680 Lockwasher, 3/8" 2 84944 Nut, 3/8" |
| 21 | 859331 | 1 | Yoke and Tube Weld Assembly --- Replaces 228153 2 87408 Lube Fitting, 1/4"-28, Short |
| 22 | 784540 | 1 | Yoke |
| 23 | 280319 | 1 | Cap Screw, Hex Head, Grade 5, 5/8" x 1 1/4" 1 84057 Lockwasher, 5/8" |
| 24 | 122432 | 1 | Washer |
| 25 | 579364 | 1 | "V" Belt (Set of 2) |
| 26 | 66460 | 1 | Idler Assembly w/Bearing (Ref. No. 27) 1 280119 Cap Screw, Hex Head, Grade 5, 5/8" x 3 1/2" AR 80299 Washer, 5/8" 1 84057 Lockwasher, 5/8" 1 84947 Nut, 5/8" |
| 27 | 66553 | 1 | Bearing |
| 28 | 137419 | 1 | Hub |
| 29 | 283995 | 1 | Plate |
| 30 | 787460 | 1 | Gearbox Assembly, Reversing (Refer to Separate Breakdown) |
| 31 | 616795 | 1 | Ball Bearing |
| 32 | 786489 | 1 | Field |
| 33 | 786337 | 1 | Hub 1 87831 Woodruff Key, Heat Treated, 5/16" x 1 1/4" |
| 34 | 786488 | 1 | Rotor 8 280941 Cap Screw, Hex Socket Head, 5/16" x 5/8" |
| 35 | 786490 | 1 | Armature |
| 36 | 784541 | 1 | Sheave 4 82068 Cap Screw, Hex Socket Head, 3/8" x 3 1/2" 4 80680 Lockwasher, 3/8" 4 84944 Nut, 3/8" |

(a) Used on and below Serial No. 812591
(b) Used on and above Serial No. 812592

NOTE: When replacing either Ref. No. 14 or Ref. No. 18 on below Serial No. machines with above Serial No. Parts, both 9619690 and 9619688 must be ordered.

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MODEL 790 FORAGE HARVESTER
CUTTERHEAD DRIVE GROUP (CONTINUED)

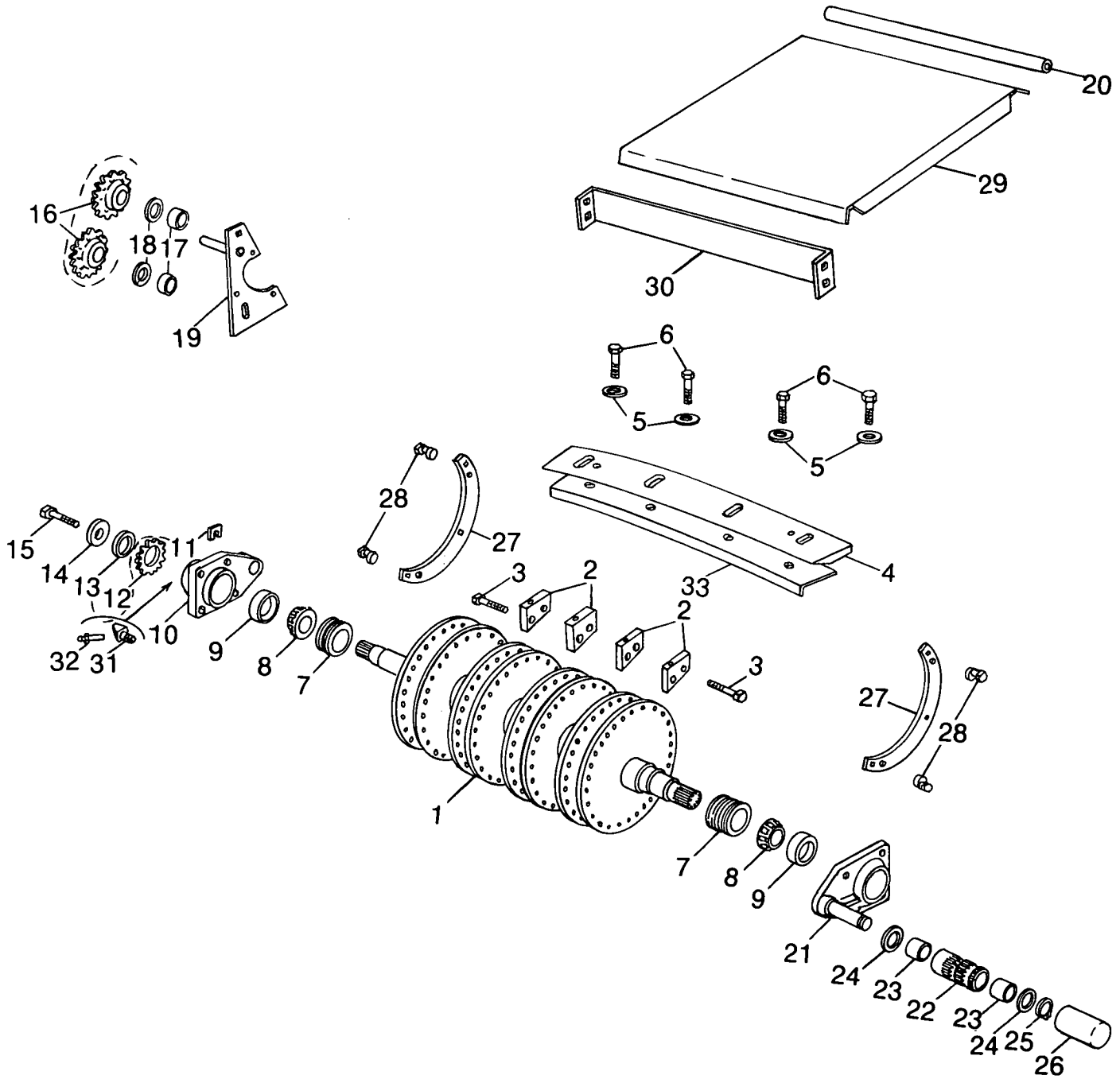


MODEL 790 FORAGE HARVESTER
CUTTERHEAD DRIVE GROUP (CONTINUED)

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|-------------------------------------|
| 37 | 784582 | AR | Washer |
| | 857289 | AR | Washer, .015 Thick |
| 38 | 786338 | 1 | Spacer |
| 39 | 626286 | 1 | Ring |
| 40 | 272688 | 2 | Ball Bearing |
| 41 | 165920 | 2 | Snap Ring |
| 42 | 133095 | 4 | Spacer |
| 43 | 786434 | 1 | Angle |
| | | 1 | 145913 Lockscrew, USR, 5/16" x 3/4" |
| | | 2 | 145458 Locknut, USR, 5/16" |

AR - As Required

MODEL 790 FORAGE HARVESTER
CUTTERHEAD GROUP

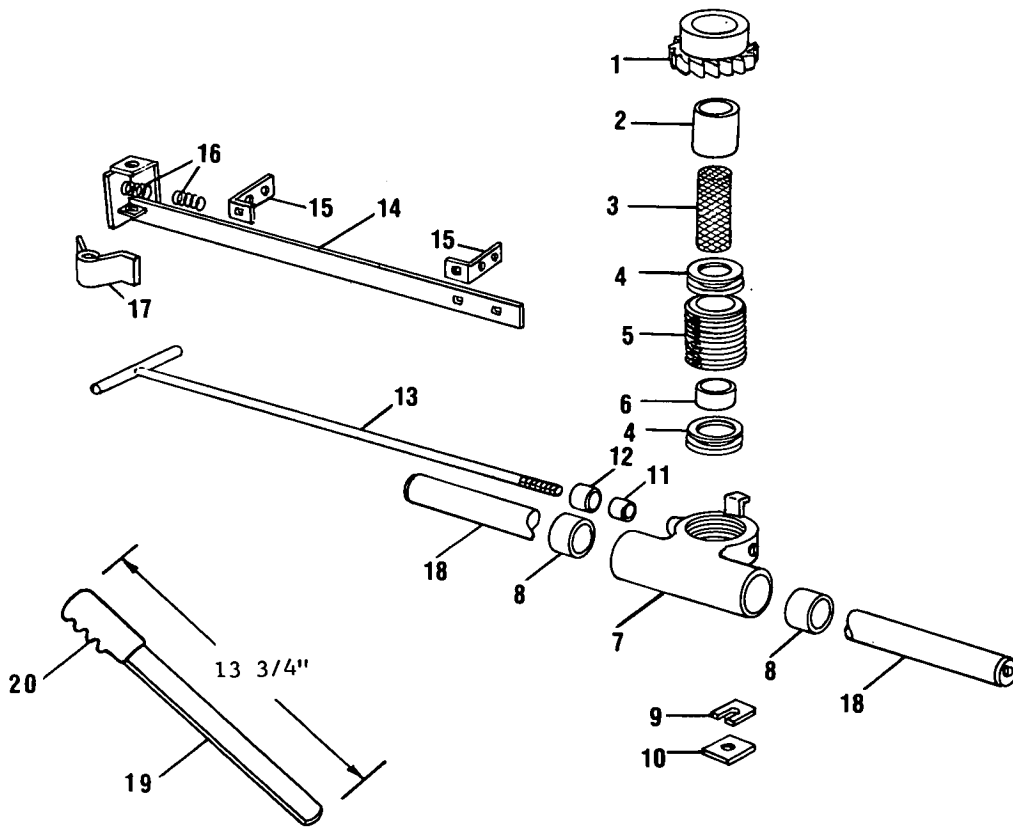


MODEL 790 FORAGE HARVESTER
CUTTERHEAD GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 1 | 704637 | 1 | Cutterhead Weld Assembly |
| 2 | 784652 | 48 | Knife Support |
| 3 | 88555 | 96 | Cap Screw, Hex Head, Grade 5, 5/8" x 2" 96 84947 Nut, 5/8" |
| 4 | 784651 | 12 | Spiral Knife, Single Edged --- Replaces 704634 |
| 5 | 64053 | 48 | Hardened Washer |
| 6 | 280732 | 48 | Cap Screw, Hex Head, Grade 8, 5/8" x 1" UNF |
| 7 | 254297 | 2 | Collar |
| 8 | 199954 | 2 | Bearing Cone |
| 9 | 287066 | 2 | Bearing Cup |
| 10 | 578792 | 1 | Bearing Housing 4 80679 Lockwasher, 1/2" 4 280431 Nut, 1/2" |
| 11 | 131405 | AR | Shim, .025" Thick (.635mm) |
| 12 | 716163 | 1 | Sprocket, 16 Tooth |
| 13 | 716160 | 1 | Washer, Special |
| 14 | 29684 | 1 | Washer, Special |
| 15 | 87670 | 1 | Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/4" 1 80679 Lockwasher, 1/2" |
| 16 | 103243 | 2 | Idler Sprocket, 18 Tooth 2 88328 Bolt, Round Head, Short Square Neck, Grade 5, 5/8" x 3 1/4" 2 84057 Lockwasher, 5/8" 2 84947 Nut, 5/8" |
| 17 | 164099 | 2 | Spacer --- Replaces 76615 |
| 18 | 26382 | AR | Washer |
| 19 | 716164 | 1 | Plate Weld Assembly |
| 20 | 702735 | 1 | Rod |
| 21 | 578794 | 1 | Bearing Housing and Shaft Assembly 1 80719 Grease Fitting, 1/8" PT, 90° 4 80679 Lockwasher, 1/2" 4 280431 Nut, 1/2" |
| 22 | 253168 | 1 | Hub and Bushing Assembly (Includes Ref. No. 23) 1 87414 Grease Fitting, 1/4"-28, Straight |
| 23 | 27767 | 2 | Bushing |
| 24 | 26130 | 3 | Washer |
| 25 | 25121 | 1 | Retaining Ring |
| 26 | 261526 | 1 | Cover |
| 27 | 225134 | 2 | Plate 6 88589 Plow Bolt, 3/8" x 1" 6 80708 Washer, 3/8" 6 80680 Lockwasher, 3/8" 6 84944 Nut, 3/8" |
| 28 | 225131 | 4 | Adjuster |
| 29 | 702847 | 1 | Cover |
| 30 | 700425 | 1 | Channel 2 280503 Bolt, Round Head, Short Square Neck, Grade 5, 3/8" x 1" 2 80680 Lockwasher, 3/8" 2 84944 Nut, 3/8" |
| 31 | 612715 | 1 | Elbow, 45° |
| 32 | 606943 | 1 | Lube Fitting, 1/8" PT, 1 3/4" Long |
| 33 | 784653 | 12 | Baffle |

AR - As Required

MODEL 790 FORAGE HARVESTER
KNIFE SHARPENER GROUP

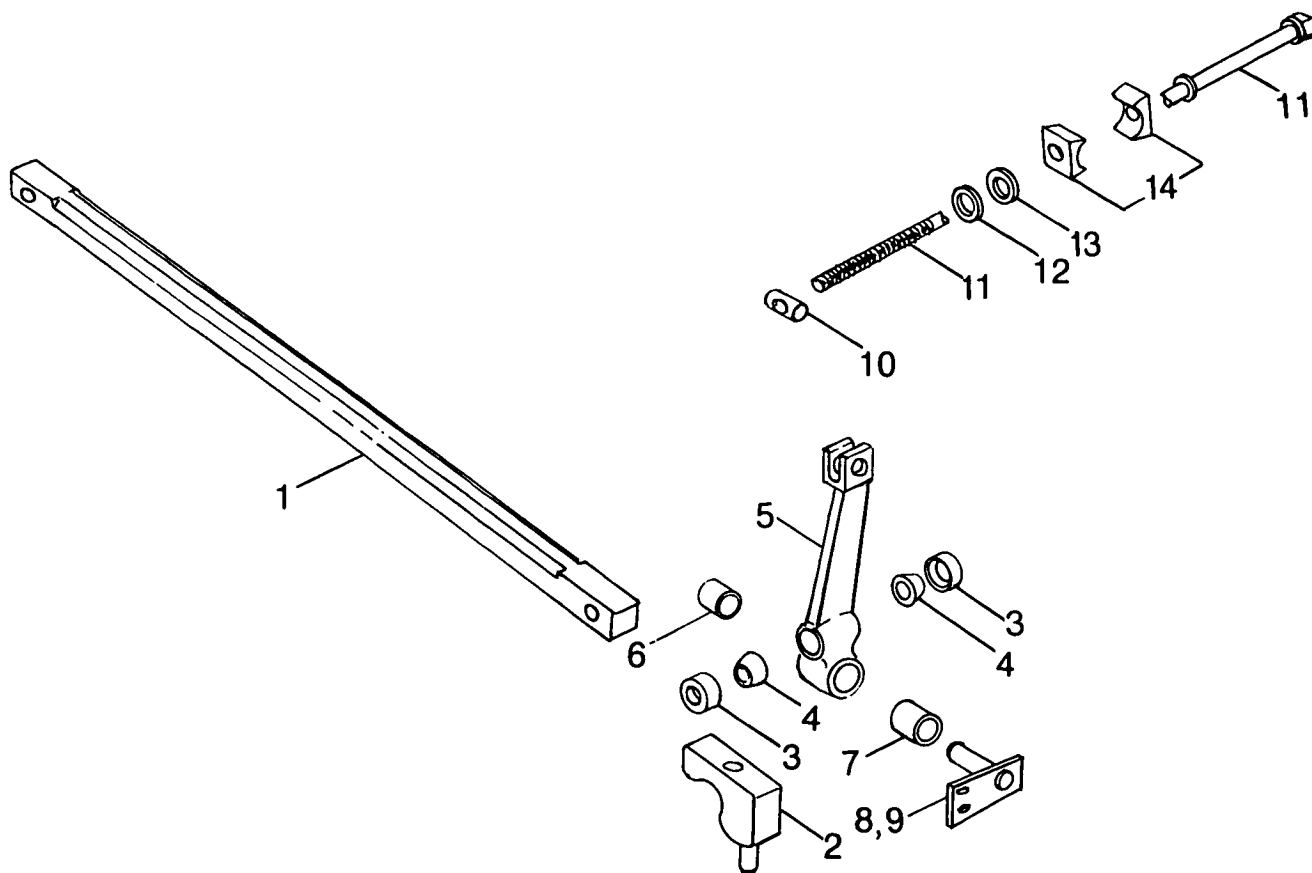


MODEL 790 FORAGE HARVESTER
KNIFE SHARPENER GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 768236 | 1 | Stone Holder Cap |
| 2 | 768242 | 1 | Spacer |
| 3 | 9619871 | 1 | Sharpening Stone Kit (Includes Ref. No. 4) |
| 4 | 768240 | 4 | "0" Ring |
| 5 | 768235 | 1 | Stone Holder |
| 6 | 851797 | 1 | Spacer |
| 7 | 768238 | 1 | Carrier w/Bushing (Ref. No. 8) |
| 8 | 223316 | 2 | Bushing |
| 9 | 122889 | AR | Shim, .015" Thick (.381mm) |
| 10 | 578788 | 1 | Lug |
| | | | 1 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" |
| | | | 1 80680 Lockwasher, 3/8" |
| 11 | 768239 | 1 | Plug |
| 12 | 12621 | 1 | Retainer |
| 13 | 786144 | 1 | Handle Weld Assembly |
| 14 | 784964 | 1 | Sharpener Rail Weld Assembly |
| | | | 1 87872 Cap Screw, Hex Head, 5/16" x 3/4" |
| | | | 2 88077 Plow Bolt, 7/16" x 1 1/4" |
| | | | 2 87363 Washer, 7/16" |
| | | | 1 80681 Lockwasher, 5/16" |
| | | | 2 81547 Lockwasher, 7/16" |
| | | | 2 280717 Nut, 7/16" |
| 15 | 715674 | 2 | Angle |
| | | | 4 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" |
| | | | 4 80680 Lockwasher, 3/8" |
| | | | 4 84944 Nut, 3/8" |
| 16 | 35674 | 2 | Spring |
| 17 | 715051 | 1 | Kicker |
| | | | 1 280112 Cap Screw, Hex Head, Grade 5, 1/4" x 1 1/2" |
| | | | 1 88444 Cap Screw, Hex Head, Grade 5, 3/8" x 2 3/4" |
| | | | 1 80701 Washer, 1/4" |
| | | | 1 280129 Locknut, Grade C, 1/4" |
| | | | 1 88902 Locknut, Grade C, 3/8" |
| 18 | 784963 | 1 | Shaft |
| | | | 2 87670 Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/4" |
| | | | 2 87364 Washer, 1/2" |
| | | | 2 80679 Lockwasher, 1/2" |
| 19 | 9807679 | 1 | Wrench Assembly (Includes Ref. No. 20) |
| 20 | 126697 | 1 | Grip |

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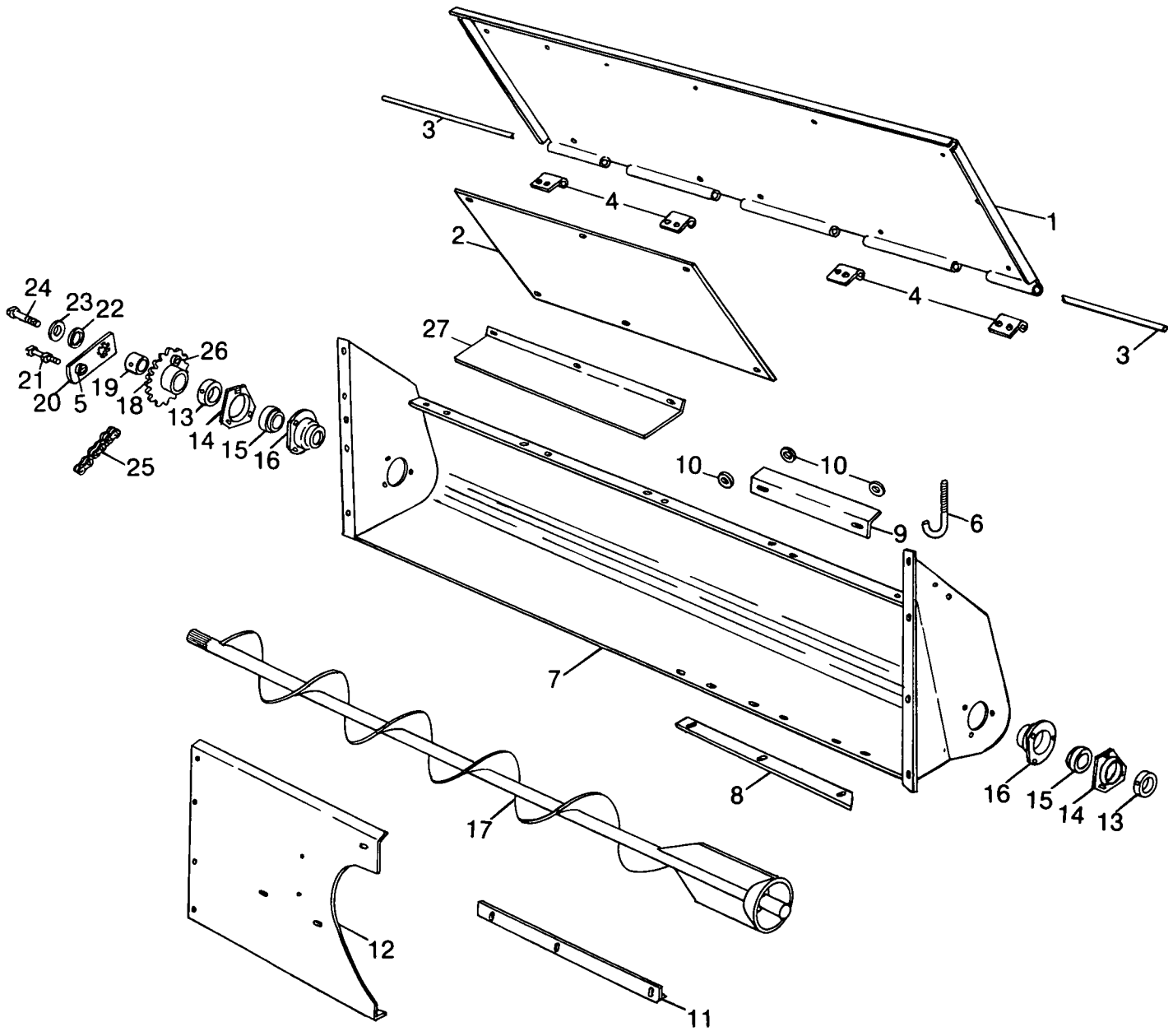
MODEL 790 FORAGE HARVESTER
SHEAR BAR GROUP



MODEL 790 FORAGE HARVESTER
SHEAR BAR GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 1 | 9610799 | 1 | Shear Bar Kit (Includes Grease and Instructions) --- Replaces 708030 |
| | | 2 | 88143 Cap Screw, Hex Head, Grade 5, 1/2" x 3 1/4" UNF |
| | | 2 | 80700 Washer, 1/2" |
| | | 2 | 80679 Lockwasher, 1/2" |
| | | | AR 9605288 Cartridge, Non Soap Base Grease, 14 1/2 oz. |
| 2 | 853716 | 2 | Clamp |
| | | 2 | 87339 Cap Screw, Hex Head, Grade 5, 1/2" x 3" |
| | | 2 | 80700 Washer, 1/2" |
| | | 2 | 80679 Lockwasher, 1/2" |
| 3 | 9616874 | 4 | Washer --- Replaces 785103 |
| 4 | 9616873 | 4 | Washer --- Replaces 177459 |
| 5 | 850934 | 2 | Pivot Arm (Includes Ref. No. 6) |
| | | 2 | 87569 Lube Fitting, 1/4"-28, 45° |
| 6 | 141378 | 2 | Bushing |
| 7 | 785108 | 2 | Spacer |
| 8 | 9616871 | 1 | Plate Weld Assembly, LH --- Replaces 851675 |
| | | 2 | 32383 Wheel Bolt |
| 9 | 9616872 | 1 | Plate Weld Assembly, RH --- Replaces 851677 |
| | | 2 | 32383 Wheel Bolt |
| 10 | 9623519 | 2 | Pin --- Replaces 851700 |
| 11 | 851709 | 2 | Rod Weld Assembly --- 851698 |
| | | 6 | 88635 Nut, Slotted, 5/8" |
| | | 6 | 80754 Cotter Pin, 3/16" x 1 1/2" |
| 12 | 80700 | 2 | Washer, 1/2" SAE |
| | 87365 | 2 | Washer, 5/8" |
| 13 | 251496 | 4 | Spacer |
| 14 | 851697 | 4 | Clamp |

MODEL 790 FORAGE HARVESTER
AUGER, AUGER SHIELDING AND DRIVE GROUP

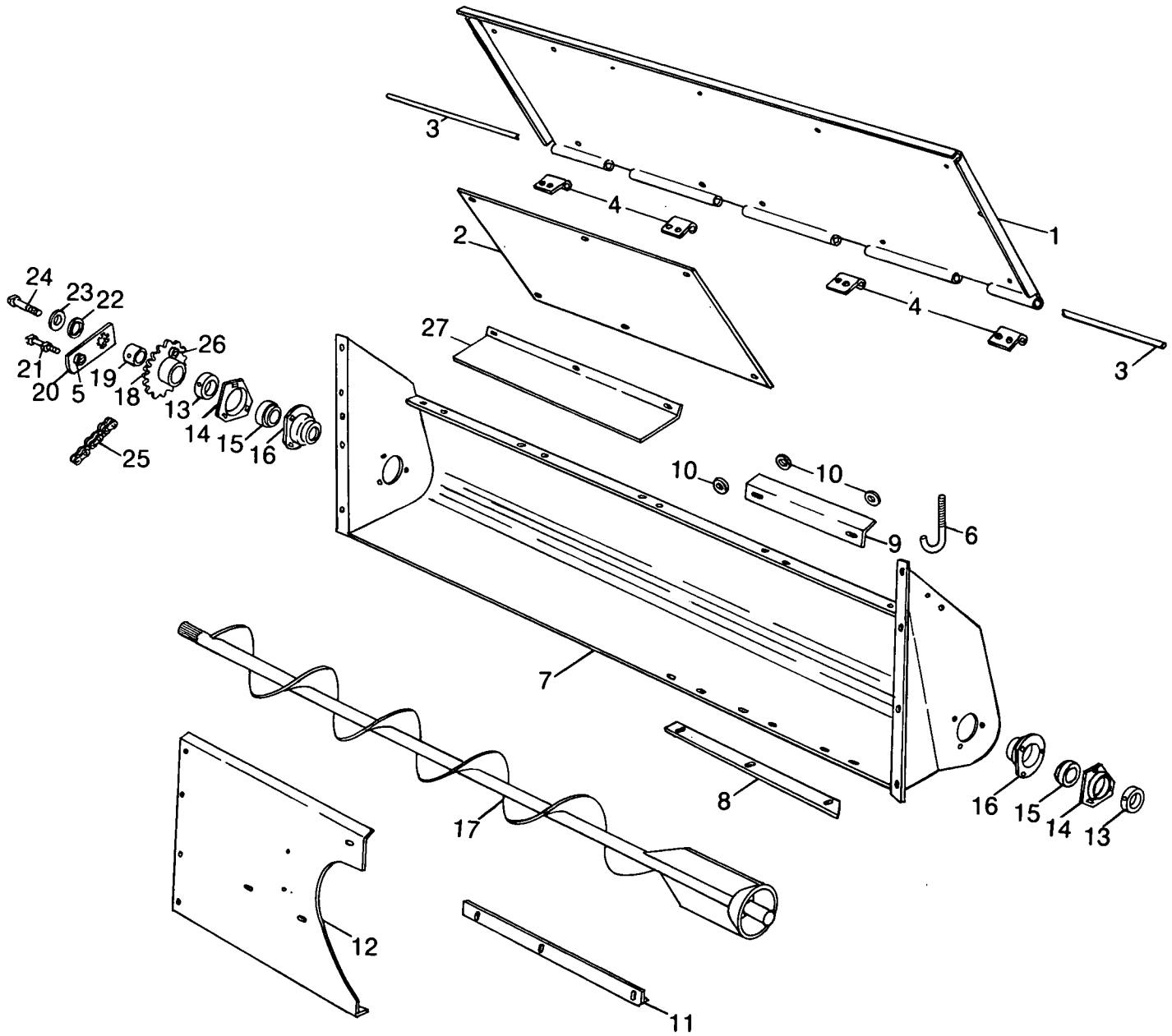


MODEL 790 FORAGE HARVESTER
AUGER, AUGER SHIELDING AND DRIVE GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 578801 | 1 | Cover |
| | 9801269 | AR | Cover Assembly "Air Door" |
| 2 | 701702 | 1 | Plate |
| | | 6 | 84896 Machine Screw, Truss Head, 5/16" x 3/4" |
| | | 12 | 87362 Washer, 5/16" SAE |
| | | 6 | 80681 Lockwasher, 5/16" |
| | | 6 | 84943 Nut, 5/16" |
| 3 | 619939 | 2 | Rod, Cut to Length Required |
| 4 | 791531 | 4 | Hinge |
| | | 8 | 87872 Cap Screw, Hex Head, Grade 5, 5/16" x 3/4" |
| | | 8 | 80664 Washer, 5/16" |
| | | 8 | 80681 Lockwasher, 5/16" |
| | | 8 | 84943 Nut, 5/16" |
| 5 | 46585 | 1 | Shear Bolt Sleeve |
| 6 | 602641 | 1 | J-Bolt |
| | | 1 | 110310 Wing Nut |
| | | 1 | 84944 Nut, 3/8" |
| 7 | 578738 | 1 | Auger Housing Weld Assembly |
| | | 4 | 87872 Cap Screw, Hex Head, Grade 5, 5/16" x 3/4" |
| | | 4 | 280503 Bolt, Round Head, Short Square Neck, Grade 5, 3/8" x 1" |
| | | 4 | 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" |
| | | 4 | 80664 Washer, 5/16" |
| | | 4 | 80702 Washer, 3/8" |
| | | 4 | 80681 Lockwasher, 5/16" |
| | | 8 | 80680 Lockwasher, 3/8" |
| | | 4 | 84943 Nut, 5/16" |
| | | 8 | 84944 Nut, 3/8" |
| 8 | 215221 | 1 | Strip |
| | | 3 | 88306 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 7/8" |
| | | 3 | 80664 Washer, 5/16" |
| | | 3 | 80681 Lockwasher, 5/16" |
| | | 3 | 84943 Hex Nut, 5/16" |
| 9 | 243101 | 1 | Angle |
| 10 | 64264 | 3 | Washer, Special |
| | | 3 | 280503 Bolt, Round Head, Short Square Neck, Grade 5, 3/8" x 1" |
| | | 3 | 80702 Washer, 3/8" |
| | | 3 | 80680 Lockwasher, 3/8" |
| | | 3 | 84944 Nut, 3/8" |
| 11 | 706067 | 1 | Angle |
| | | 3 | 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" |
| | | 3 | 80702 Washer, 3/8" |
| | | 3 | 80680 Lockwasher, 3/8" |
| | | 3 | 84944 Nut, 3/8" |
| 12 | 578743 | 1 | Front Sheet |
| | | 3 | 88434 Cap Screw, Hex Head, Grade 5, 3/8" x 3/4" |
| | | 3 | 80680 Lockwasher, 3/8" |
| | | 3 | 84944 Nut, 3/8" |
| 13 | 38767 | 2 | Locking Collar w/Set Screw |
| | | 2 | 80429 Set Screw, Hex Socket Head, Cup Point, 5/16" x 5/16" |
| 14 | 43048 | 2 | Flangette |
| | | 6 | 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" |
| | | 6 | 80680 Lockwasher, 3/8" |
| | | 6 | 84944 Nut, 3/8" |
| 15 | 38766 | 2 | Ball Bearing |
| 16 | 245743 | 2 | Shield and Bearing Support |
| | | 2 | 87414 Lube Fitting, 1/4"-28, Straight |

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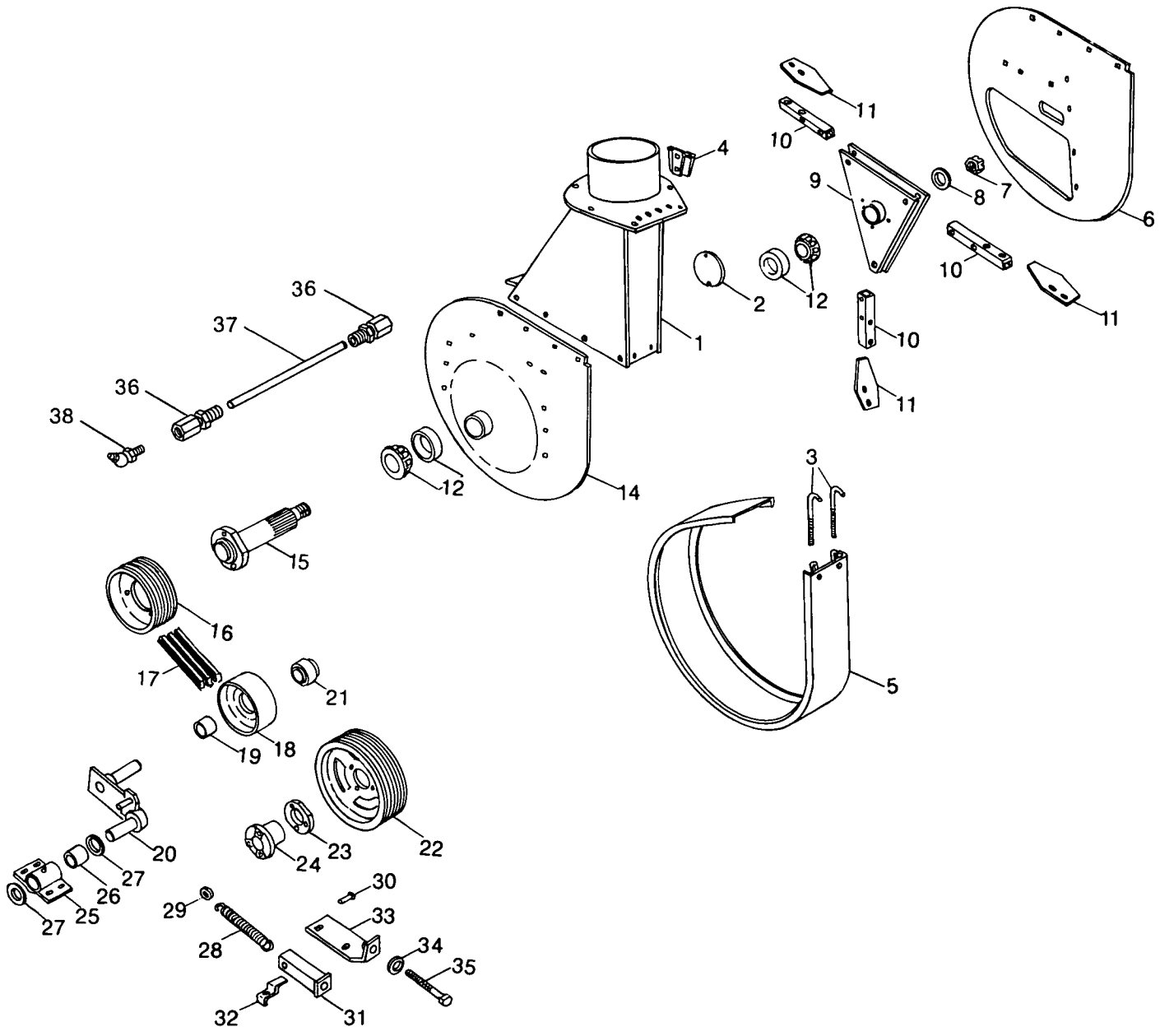
MODEL 790 FORAGE HARVESTER
AUGER, AUGER SHIELDING AND DRIVE GROUP (CONTINUED)



MODEL 790 FORAGE HARVESTER
 AUGER, AUGER SHIELDING AND DRIVE GROUP (CONTINUED)

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 17 | 578727 | 1 | Auger Weld Assembly |
| 18 | 179965 | 1 | Sprocket Weld Assembly w/Bushing (Ref. Nos. 19 and 26) 1 87414 Lube Fitting, 1/4"-28, Straight |
| 19 | 122956 | 1 | Bushing |
| 20 | 215442 | 1 | Hub and Sleeve Weld Assembly (Includes Ref. No. 5) |
| 21 | 46520 | 1 | Shear Bolt w/Nut |
| 22 | 164995 | 1 | Washer, Special |
| 23 | 25939 | 1 | Washer, Special |
| 24 | 87670 | 1 | Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/4" 1 80679 Lockwasher, 1/2" |
| 25 | 253768 | 1 | Chain Assembly, RC 40, 140 Pitches 137 25804 Roller Link 1 25195 Coupler Link 2 25815 Offset Link |
| 26 | 46522 | 1 | Shear Bolt Sleeve |
| 27 | 675885 | 1 | Baffle |

MODEL 790 FORAGE HARVESTER
FAN, TRANSITION AND SPOUT GROUP



MODEL 790 FORAGE HARVESTER
FAN, TRANSITION AND SPOUT GROUP

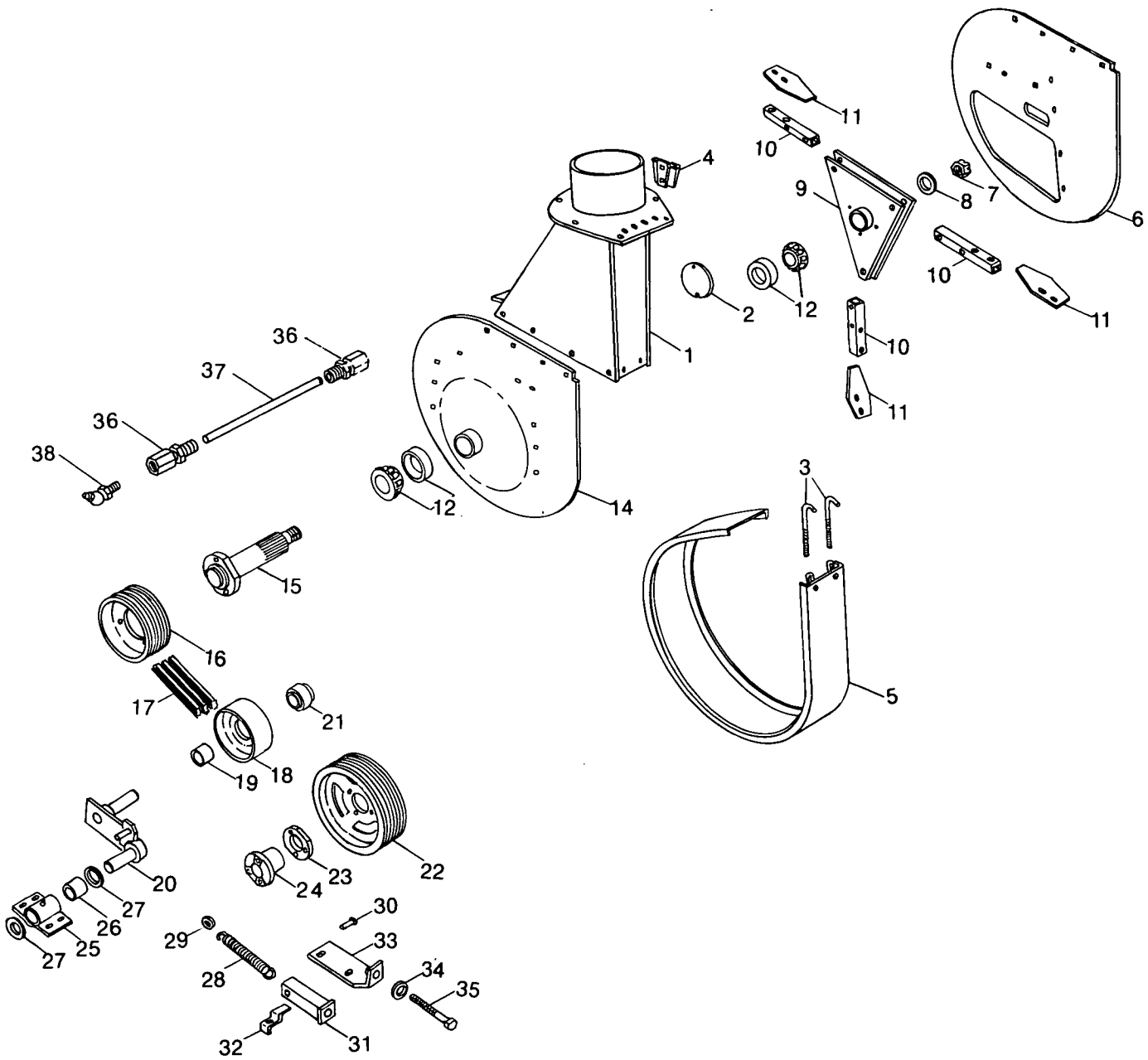
| Ref. No. | Part No. | No. Used | Description |
|----------|------------|----------|---|
| 1 | (e) 189392 | 1 | Transition Weld Assembly |
| | (f) 858934 | 1 | Transition Weld Assembly |
| | | | 3 87414 Lube Fitting, 1/4"-28 |
| | | | 1 87909 Cap Screw, Hex Head, Grade 5, 1/2" x 1" |
| | | | 14 280499 Bolt, Round Head, Short Square Neck, Grade 5, 1/2" x 1" |
| | | | 4 80700 Washer, 1/2" |
| | | | 16 80679 Lockwasher, 1/2" |
| | | | 16 280431 Nut, Grade 5, 1/2" |
| 2 | 181298 | 1 | Cover Plate |
| | | | 1 80701 Washer, 1/4" |
| | | | 2 280129 Locknut, Grade C, 1/4" |
| 3 | 238405 | 2 | "J" Bolt |
| | | | 2 87364 Washer, 1/2" SAE |
| | | | 2 80679 Lockwasher, 1/2" |
| | | | 2 280431 Nut, Grade 5, 1/2" |
| 4 | 847590 | 1 | Socket, Bracket --- Replaces 38027 |
| | | | 2 280497 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 3/4" |
| | | | 2 80681 Lockwasher, 5/16" |
| | | | 2 84943 Nut, 5/16" |
| 5 | 798096 | 1 | Band Weld Assembly |
| 6 | 853905 | 1 | Blower Sheet, Rear --- Replaces 701615 |
| 7 | 88886 | 1 | Hex Slotted Nut, 3/4" UNF |
| | | | 1 87395 Cotter Pin, 1/8" x 1 1/4" |
| 8 | 572807 | 1 | Washer, Special |
| 9 | 857262 | 1 | Fan Plate Weld Assembly --- Replaces 851488 |
| 10 | 238159 | 3 | Paddle Arm |
| | | | 6 87972 Cap Screw, Hex Head, Grade 5, 1/2" x 2 1/2" |
| | | | 6 64053 Washer, Special |
| | | | 6 280431 Nut, Grade 5, 1/2" |
| 11 | 9604054 | 3 | Paddle, Set of 3 --- Replaces 578744, 857758 |
| | | | 6 88328 Bolt, Round Head, Short Square Neck, Grade 5, 5/8" x 3 1/4" |
| | | | 6 80299 Washer, 5/8" |
| | | | 6 84057 Lockwasher, 5/8" |
| | | | 6 84947 Nut, 5/8" |
| 12 | 851494 | 2 | Tapered Roller Bearing Assembly |
| 14 | 798089 | 1 | Blower Front Weld Assembly |
| | | | 5 280499 Bolt, Round Head, Short Square Neck, Grade 5, 1/2" x 1" |
| | | | 5 80700 Washer, 1/2" |
| | | | 5 80679 Lockwasher, 1/2" |
| | | | 5 280431 Nut, Grade 5, 1/2" |
| 15 | 857264 | 1 | Fan Shaft Weld Assembly --- Replaces 851491 |
| | | | 1 80710 Lube Fitting, 1/8" PT, Straight |
| 16 | 796532 | 1 | Sheave, 540 RPM, 9.188" (233.37mm) OD |
| | 796534 | 1 | Sheave, 1000 RPM |
| | | | 3 88338 Cap Screw, Hex Head, Grade 5, 1/2" UNF x 1 1/2" |
| | | | 3 80679 Lockwasher, 1/2" |
| 17 | 796624 | 1 | Banded Belt, 540 RPM, 81.15 (2061.21mm) |
| | 796623 | 1 | Banded Belt, 1000 RPM, 75.70 (1917.70mm) |
| 18 | 612584 | 1 | Idler Assembly |
| | | | 1 88434 Cap Screw, Hex Head, Grade 5, 3/8" x 3/4" |
| | | | 1 29962 Washer, Special |
| | | | 1 80680 Lockwasher, 1/2" |

(e) Used on and below Serial No. 759354

(f) Used on and above Serial No. 759355

CONTINUED

MODEL 790 FORAGE HARVESTER
FAN, TRANSITION AND SPOUT GROUP (CONTINUED)



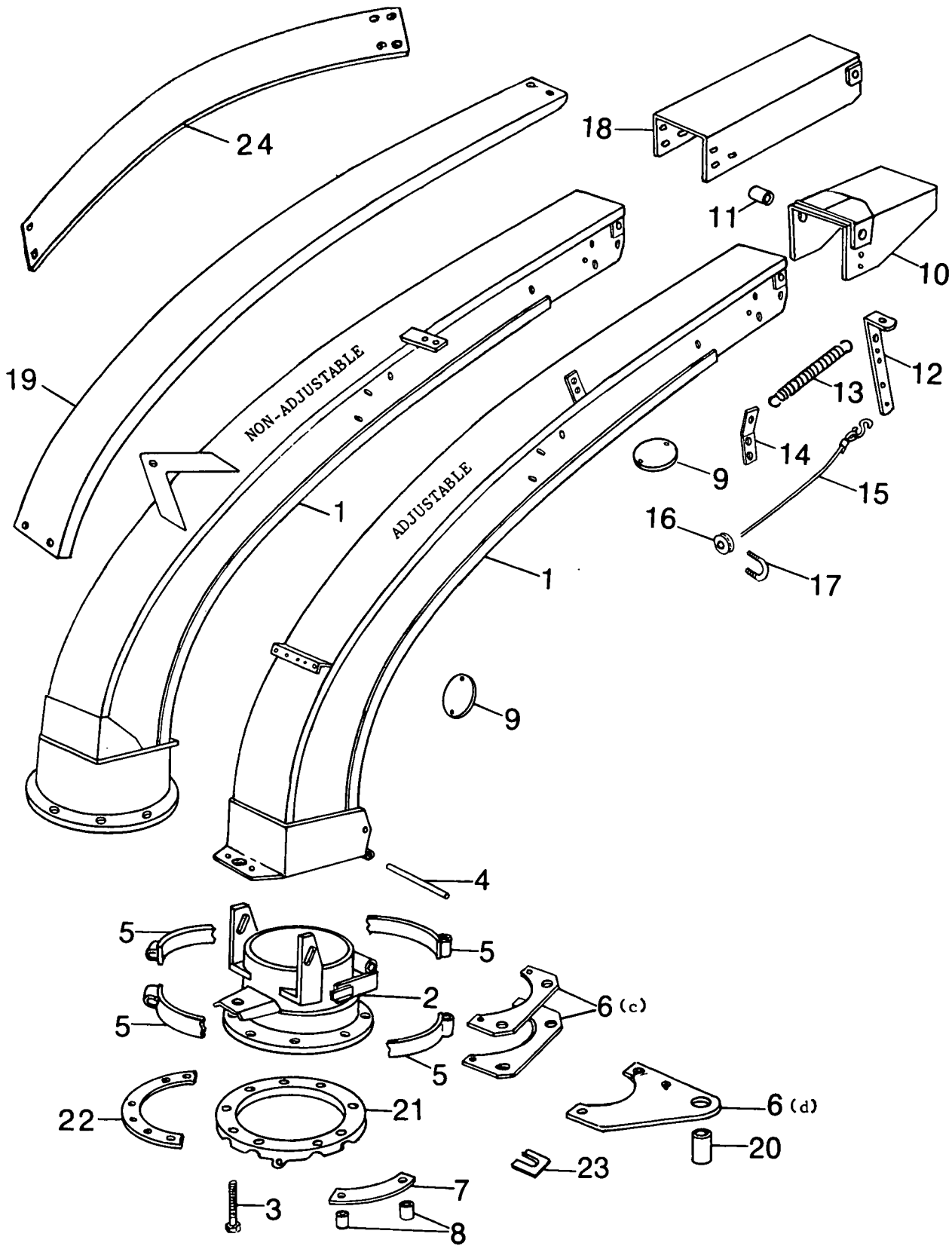
MODEL 790 FORAGE HARVESTER
FAN, TRANSITION AND SPOUT GROUP (CONTINUED)

| Ref. No. | Part No. | No. Used | Description |
|----------|------------|----------|---|
| 19 | 217994 | 1 | Hub |
| 20 | 797686 | 1 | Arm Weld Assembly |
| | | | 1 80753 Cotter Pin, 1/4" x 1 1/2" |
| 21 | 9807906 | 2 | Bearing --- Replaces 705211 |
| 22 | 796536 | 1 | Sheave, 540 RPM, 14,1881 (360.57mm) OD |
| | 796532 | 1 | Sheave, 1000 RPM, 9.188 (233.37mm) OD |
| | | | 3 88338 Cap Screw, Hex Head, Grade 5, 1/2" UNF x 1 1/2" |
| | | | 3 80679 Lockwasher, 1/2" |
| 23 | 797687 | AR | Spacer |
| 24 | 797709 | 1 | Hub Weld Assembly |
| | | | 1 280319 Cap Screw, Hex Head, Grade 5, 5/8" x 1 1/4" |
| | | | 1 9801067 Washer, Special |
| | | | 1 84057 Lockwasher, 5/8" |
| 25 | 797682 | 1 | Pivot Weld Assembly (Includes Ref. No. 26) |
| | | | 4 88434 Cap Screw, Hex Head, Grade 5, 3/8" x 3/4" |
| | | | 4 80702 Washer, 1/2" |
| | | | 4 80680 Lockwasher, 1/2" |
| | | | 1 87414 Lube Fitting, 1/4"-28 |
| 26 | 54847 | 2 | Bushing |
| 27 | 26402 | AR | Washer |
| 28 | 575988 | 1 | Spring |
| 29 | 81541 | 1 | Washer, 7/16" |
| | | | 1 280250 Cotter Pin, 3/32" x 3/4" |
| 30 | 64162 | 1 | Clevis Pin |
| | | | 1 80744 Cotter Pin, 5/32" x 1" |
| 31 | 797678 | 1 | Channel Weld Assembly |
| 32 | 798961 | 1 | Stop |
| 33 | 797681 | 1 | Mount |
| | | | 2 88263 Cap Screw, Hex Head, 1/2" x 3/4" |
| | | | 2 80700 Washer, 1/2" |
| | | | 2 80679 Lockwasher, 1/2" |
| 34 | 65319 | 1 | Washer |
| 35 | 281022 | 1 | Hex Bolt, Tap, Grade 5, 1/2" x 6 1/2" |
| | | | 1 84970 Jam Nut, 1/2" |
| 36 | (f) 11787 | 2 | Fitting |
| 37 | (f) 122481 | 1 | Lube Line |
| 38 | (f) 87569 | 1 | Lube Fitting, 1/4"-28 x 45° |

AR - As Required

(f) Used on and above Serial No. 759355

MODEL 790 FORAGE HARVESTER
SPOUT GROUP



MODEL 790 FORAGE HARVESTER
SPOUT GROUP

| Ref. No. | Part No. | No. Used | | Description | |
|----------|------------|----------|---------|---|---|
| | | A | B | | |
| 1 | 857681 | 1 | | Spout Weld Assembly, Adjustable --- Replaces 767895 | |
| | | | 9622340 | 1 | Spout Weld Assembly, Non-Adjustable --- Replaces 767894 |
| | | | | 2 | 87414 Lube Fitting, 1/4"-28 |
| | | | 1 | 1 | 88084 Machine Screw, Truss Head, 3/8" x 2" (Stop) |
| | | | 2 | | 88062 Cap Screw, Hex Head, Grade 5, 5/8" x 1 1/2" |
| | | | 2 | | 130358 Hardened Washer |
| | | | 1 | 1 | 80680 Lockwasher, 3/8" |
| | | | 2 | | 84057 Lockwasher, 5/8" |
| | | | 1 | 1 | 84944 Nut, 3/8" |
| | 2 | 9619081 | 1 | | Support Weld Assembly --- Replaces 713530 |
| | | | 2 | 87414 Lube Fitting, 1/4"-28 | |
| 3 | 280135 | 1 | | Adjusting Bolt, 1/2" x 5" | |
| | | | 1 | 80700 Washer, 1/2" | |
| | | | 1 | 84970 Jam Nut, 1/2" | |
| | | | 1 | 280431 Nut, Grade 5, 1/2" | |
| 4 | 524606 | 1 | | Hinge Pin | |
| | | | 2 | 87364 Washer, 1/2" | |
| | | | 2 | 80756 Cotter Pin, 1/2" x 3/4" | |
| 5 | 285840 | 2 | 2 | Strap Weld Assembly | |
| | | | 2 | 87975 Cap Screw, Hex Head, Grade 5, 1/2" x 2 1/4" | |
| | | | 1 | 88576 Cap Screw, Hex Head, Grade 5, 1/2" x 5 1/2" | |
| | | | 2 | 87364 Washer, 1/2" SAE | |
| | | | 1 | 80679 Lockwasher, 1/2" | |
| | | | 1 | 280431 Nut, Grade 5, 1/2" | |
| | | | 2 | 88871 Locknut, Grade C, 1/2" | |
| 6 | (c) 285839 | 2 | 2 | Plate | |
| | (d) 854387 | 2 | 2 | Plate | |
| 7 | (e) 688048 | 2 | 2 | Retainer | |
| | | | 6 | 88817 Cap Screws, Hex Head, Grade 8, 3/8" x 1 1/2" | |
| | | | 6 | 88902 Locknut, Grade C, 3/8" | |
| 8 | (e) 646056 | 6 | 6 | Spacer | |
| 9 | * 164342 | 2 | 1 | Cover, Round | |
| | ** 684621 | 2 | | Cover, Oval | |
| | | | *4 | 88833 Carriage Bolt, Grade 5, 1/4" x 1" | |
| | | | *2 | 80701 Washer, 1/4" | |
| | | | *4 | 80682 Lockwasher, 1/4" | |
| | | | *4 | 84878 Wing Nut, 1/4" | |
| | | | **2 | 47325 Snap Fastener | |
| | | | **2 | 84821 Machine Screw, Truss Head, #10 x 1/2" | |
| | | | **2 | 87304 Nut #10 | |
| 10 | 764837 | 1 | 1 | Deflector | |
| | | | 2 | 280720 Machine Screw, Flat Head, 3/8" x 1 3/4" | |
| | | | 2 | 9801065 Washer, 1" (25mm) OD | |
| | | | 2 | 80680 Lockwasher, 3/8" | |
| | | | 2 | 84944 Nut, 3/8" | |
| 11 | 136696 | 2 | 2 | Spacer | |
| 12 | 764833 | 1 | 1 | Bracket | |
| | | | 2 | 88543 Cap Screw, Hex Head, Grade 5, 5/16" x 1" | |
| | | | 2 | 87872 Cap Screw, Hex Head, Grade 5, 5/16" x 3/4" | |
| | | | AR | 80664 Washer, 5/16" | |
| | | | 2 | 80681 Lockwasher, 5/16" | |
| | | | 2 | 84943 Nut, 5/16" | |

AR - As Required

A - Used on machines with the Adjustable Spout

B - Used on machines with the Non-Adjustable Spout

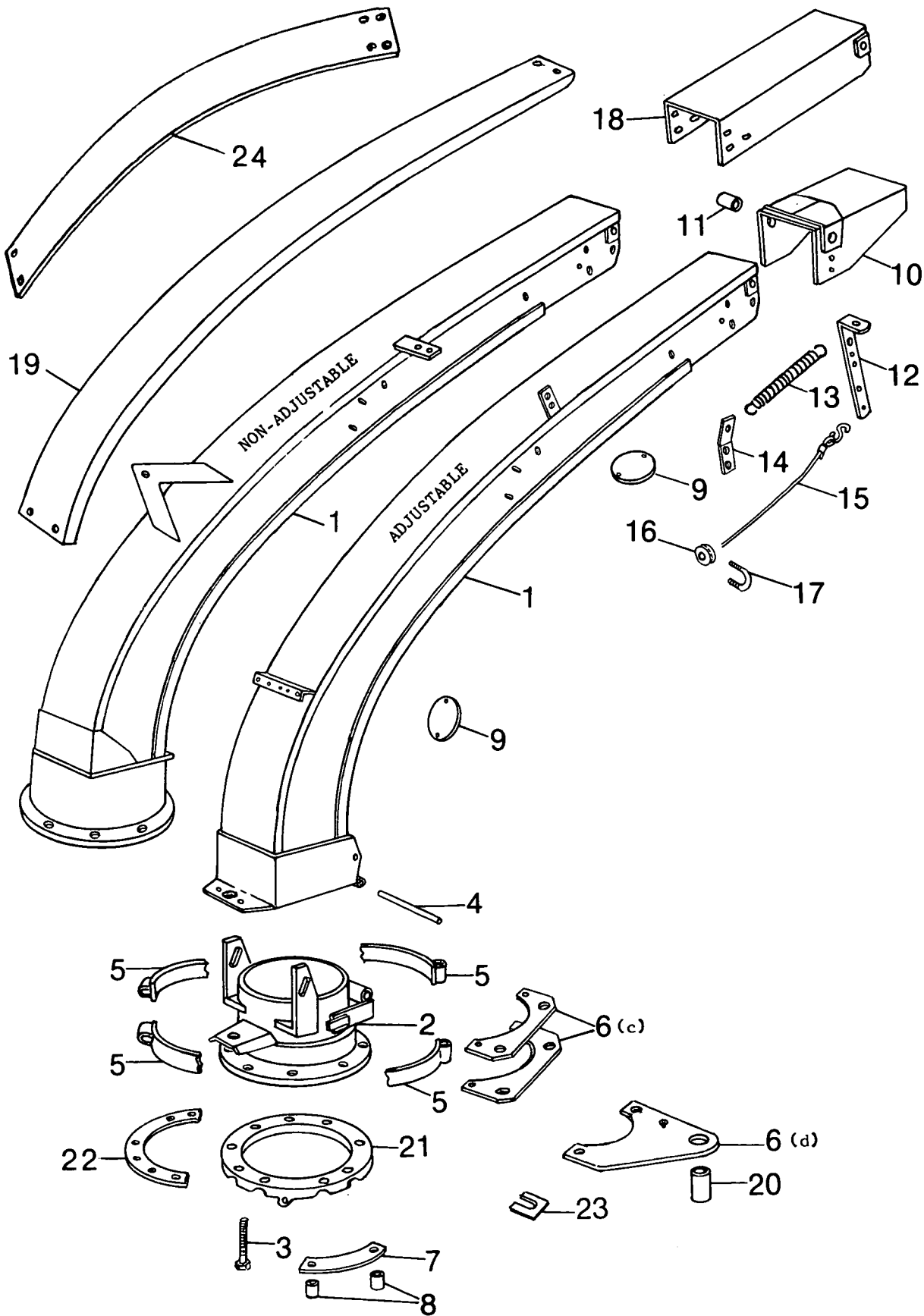
(c) Used on and below Serial No. 744440

(d) Used on and above Serial No. 744441

(e) Used on and below Serial No. 759354

CONTINUED

MODEL 790 FORAGE HARVESTER
SPOUT GROUP (CONTINUED)



MODEL 790 FORAGE HARVESTER
SPOUT GROUP (CONTINUED)

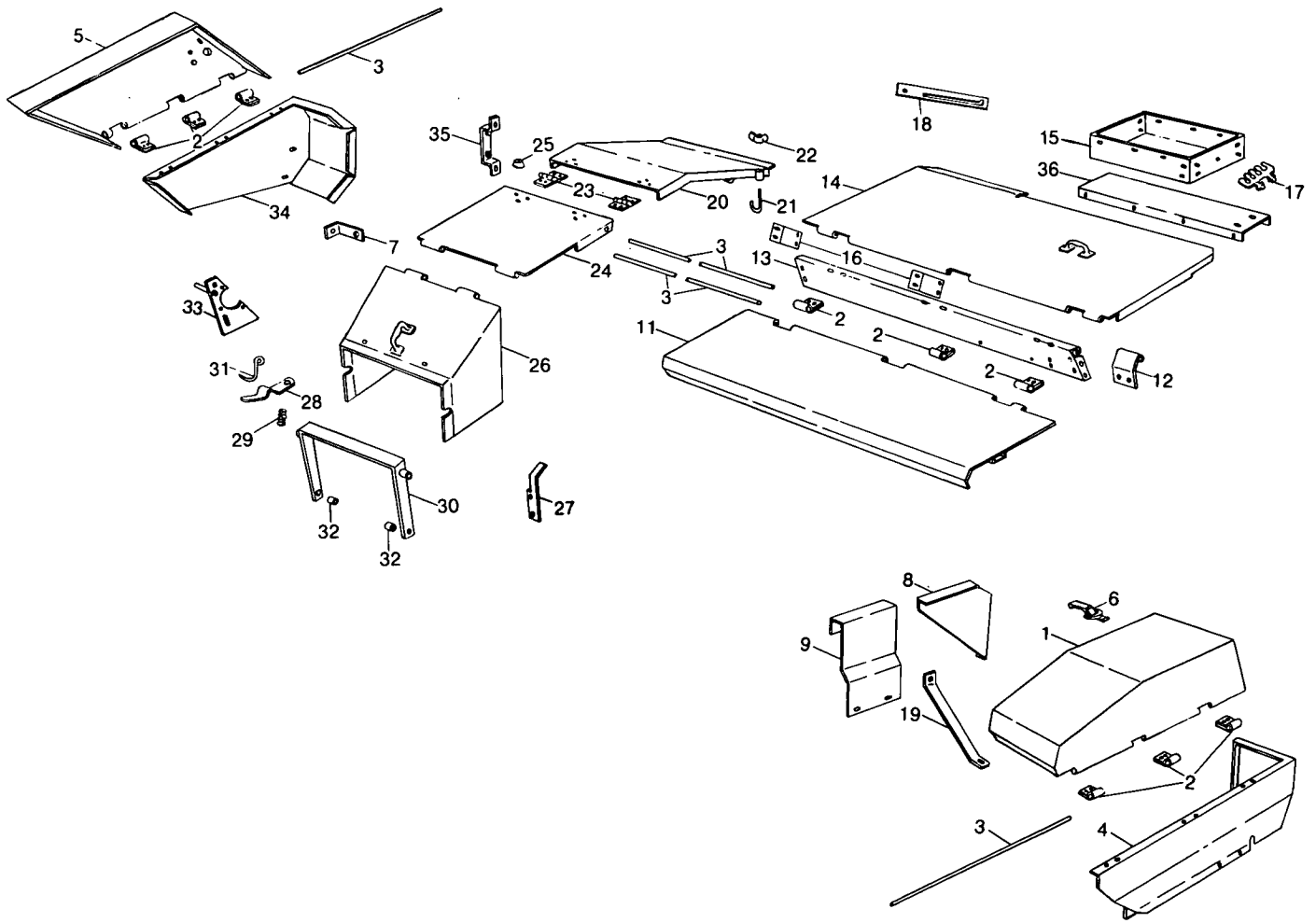
| Ref. No. | Part No. | No. Used | | Description |
|----------|------------|----------|----|---|
| | | A | B | |
| 13 | 29579 | 1 | 1 | Spring |
| 14 | 136682 | | 1 | Bracket |
| | | | | 2 87702 Machine Screw, Flat Head, 3/8" x 1" |
| | | | | 2 80702 Washer, 3/8" |
| | | | | 2 80680 Lockwasher, 3/8" |
| | | | | 2 84944 Nut, 3/8" |
| 15 | 238657 | 1 | 1 | Rope Assembly |
| | | | | 1 27084 Peg Ring |
| | | | | 1 115680 "S" Hook |
| 16 | 28110 | 2 | 2 | Rope Guide |
| 17 | 28114 | 2 | 2 | "U" Bolt |
| | | | | 4 80684 Lockwasher, #10 |
| | | | | 4 87304 Nut, #10 |
| 18 | 9617692 | 1 | | Spout Extension Weld Assembly, Short (Optional) See page 91 |
| | 9617694 | | 1 | Spout Extension Weld Assembly, Horizontal 2' (Optional) See Page 91 |
| | | | | 6 87101 Machine Screw, Truss Head, 3/8" x 3/4" |
| | | | | 6 87702 Machine Screw, Flat Head, 3/8" x 1" |
| | | | | 12 80702 Washer, 3/8" |
| | | | | 12 80680 Lockwasher, 3/8" |
| | | | | 12 84944 Nut, 3/8" |
| 19 | 269975 | 1 | | Spout Liner (Optional) |
| | 227969 | | 1 | Spout Liner (Optional) |
| | | | | 2 88702 Machine Screw, Flat Head, 3/8" x 1" |
| | | | | 2 280503 Bolt, Short Square Neck, Grade 5, 3/8" x 1" |
| | | | | 4 80702 Washer, 3/8" |
| | | | | 4 80680 Lockwasher, 3/8" |
| | | | | 4 84944 Nut, 3/8" |
| 20 | (d) 861180 | 1 | 1 | Spacer |
| | | | | 1 88780 Cap Screw, Hex Head, Grade 5, 5/16" x 2 1/4" |
| | | | | 1 80680 Lockwasher, 5/16" |
| | | | | 1 84943 Nut, 5/16" |
| 21 | 858834 | 1 | 1 | Hold Down Ring |
| | | | | 3 87414 Lube fitting, 1/4"-28 |
| | | | | 1 87415 Lube Fitting, 1/4"-28 x 90° |
| | | | | 5 87689 Cap Screw, Hex Head, Grade 5, 1/2" x 1/2" |
| | | | | 2 88551 Cap Screw, Hex Head, Grade 5, 1/2" x 1 3/4" |
| | | | | 7 80679 Lockwasher, 1/2" |
| | | | | 7 88871 Locknut, Grade C, 1/2" |
| 22 | 9616905 | AR | AR | Shim, .010 |
| 23 | 265405 | AR | AR | Shim, .015 |
| 24 | 269975 | 1 | | Spout Liner |
| | | | | 2 280503 Bolt, Round Head, Short Square Neck, 3/8" x 1" |
| | | | | 2 87702 Machine Screw, Flat Head, 3/8" x 1" |
| | | | | 4 80702 Washer, 3/8" |
| | | | | 4 80680 Lockwasher, 3/8" |
| | | | | 4 84944 Nut, 3/8" |
| | 227969 | | 1 | Spout Liner |
| | | | | 2 88639 Bolt, Round Head, Short Square Neck, 3/4" |
| | | | | 2 87702 Machine Screw, Flat Head, 3/8" x 1" |
| | | | | 2 87016 Washer, SAE, 3/8" |
| | | | | 4 80680 Lockwasher, 3/8" |
| | | | | 4 84944 Nut, 3/8" |

AR - As Required

A - Used on machines with the Adjustable Spout

B - Used on machines with the Non-Adjustable Spout

MODEL 790 FORAGE HARVESTER
SHIELDING GROUP

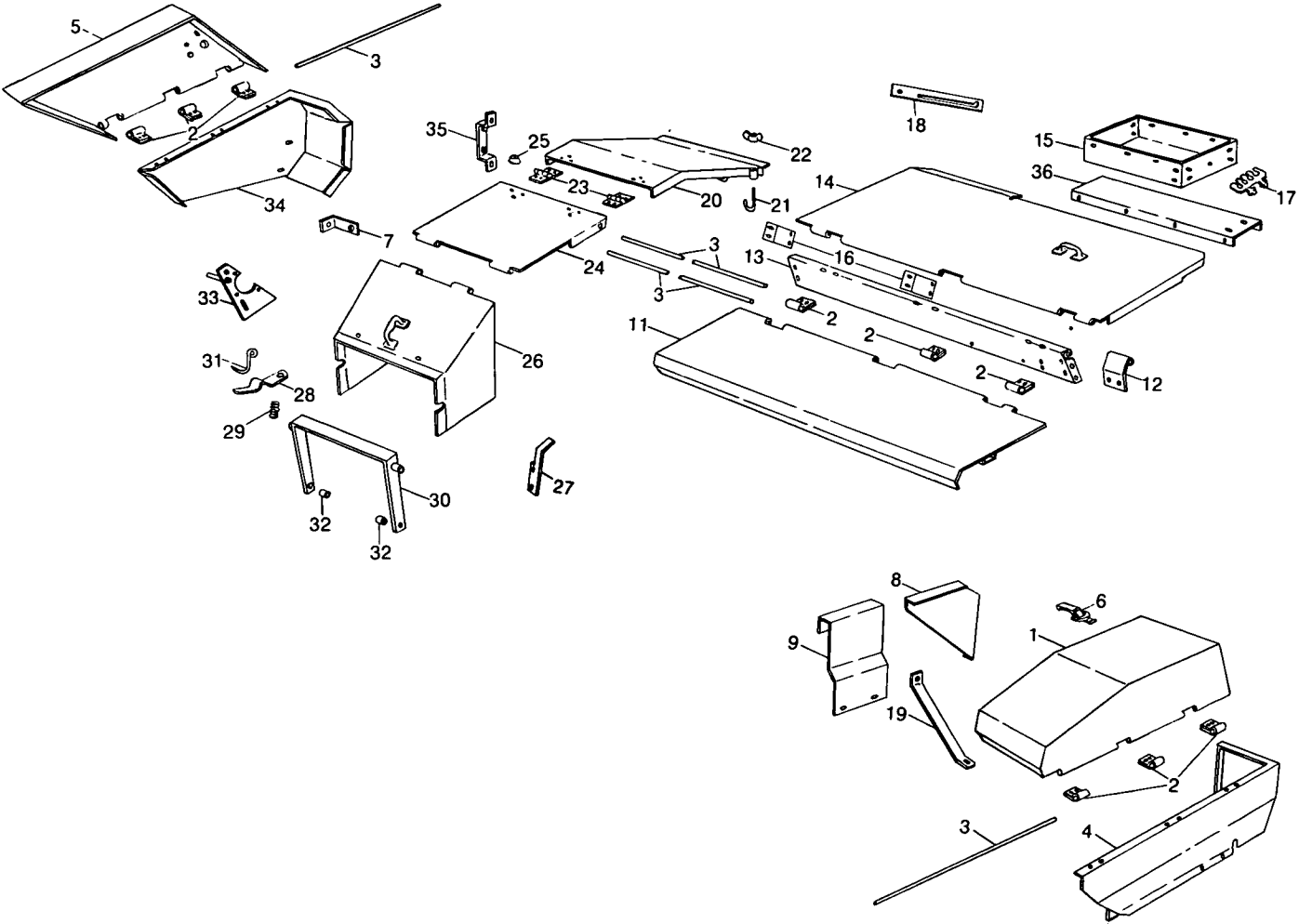


MODEL 790 FORAGE HARVESTER
SHIELDING GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 1 | 794064 | 1 | Cover Weld Assembly |
| 2 | 791531 | 9 | Hinge 20 145913 Lockscrew, USR, 5/16" x 3/4" 20 145458 Locknut, USR, 5/16" |
| 3 | 619939 | 4 | Hinge Pin, Cut to Length Required |
| 4 | 794077 | 1 | Shield Weld Assembly 2 145913 Lockscrew, USR, 5/16" x 3/4" 2 714555 Cap Screw, Hex Serrated Head, 3/8" x 1" 2 145458 Locknut, USR, 5/16" 2 247780 Locknut, USR, 3/8" |
| 5 | 9623567 | 1 | Side Shield, RH --- Replaces 785306 |
| 6 | 244457 | 1 | Fastener 2 145913 Lockscrew, USR, 5/16" x 3/4" 2 280306 Machine Screw, Hex Head, #10-24 x 5/8" 2 80684 Lockwasher, #10 2 87304 Hex Nut, #10-24 |
| 7 | 785176 | 1 | Angle 1 145913 Lockscrew, USR, 5/16" x 3/4" |
| 8 | 798027 | 1 | Support 2 145913 Lockscrew, USR, 5/16" x 3/4" 2 145458 Locknut, USR, 5/16" |
| 9 | 710394 | 1 | Guard 2 145913 Lockscrew, USR, 5/16" x 3/4" 2 145458 Locknut, USR, 5/16" |
| 11 | 791525 | 1 | Front Cover Weld Assembly |
| 12 | 850917 | 3 | Hinge 6 145913 Lockscrew, USR, 5/16" x 3/4" 6 145458 Locknut, USR, 5/16" |
| 13 | 791529 | 1 | Front 4 145913 Lockscrew, USR, 5/16" x 3/4" 4 145458 Locknut, USR, 5/16" |
| 14 | 861358 | 1 | Cover Weld Assembly --- Replaces 850330 |
| 15 | 798026 | 1 | Tool Box Weld Assembly 5 145913 Lockscrew, USR, 5/16" x 3/4" 5 145458 Locknut, USR, 5/16" |
| 16 | 850918 | 2 | Angle 4 145913 Lockscrew, USR, 5/16" x 3/4" 4 145458 Locknut, USR, 5/16" |
| 17 | 52367 | 2 | Shear Bolt Holder |
| 18 | 229241 | 1 | Latch 1 87872 Cap Screw, Hex Head, Grade 5, 5/16" x 3/4" 1 87256 Machine Screw, Truss Head, 5/16" x 1" 1 80681 Lockwasher, 5/16" 1 145458 Locknut, USR, 5/16" 2 84943 Nut, 5/16" |
| 19 | 798967 | 1 | Strap 2 145913 Lockscrew, USR, 5/16" x 3/4" 2 145458 Locknut, USR, 5/16" |
| 20 | 701309 | 1 | Lid Weld Assembly |
| 21 | 602641 | 2 | "J" Bolt 2 88902 Locknut, Grade C, 3/8" |
| 22 | 110310 | 2 | Wing Nut |
| 23 | 35115 | 2 | Hinge 12 523292 Lockscrew, USR, 1/4" x 3/4" 12 523282 Locknut, USR, 1/4" |
| 24 | 701306 | 1 | Top Weld Assembly 4 145913 Lockscrew, USR, 5/16" x 3/4" 4 145458 Locknut, USR, 5/16" |

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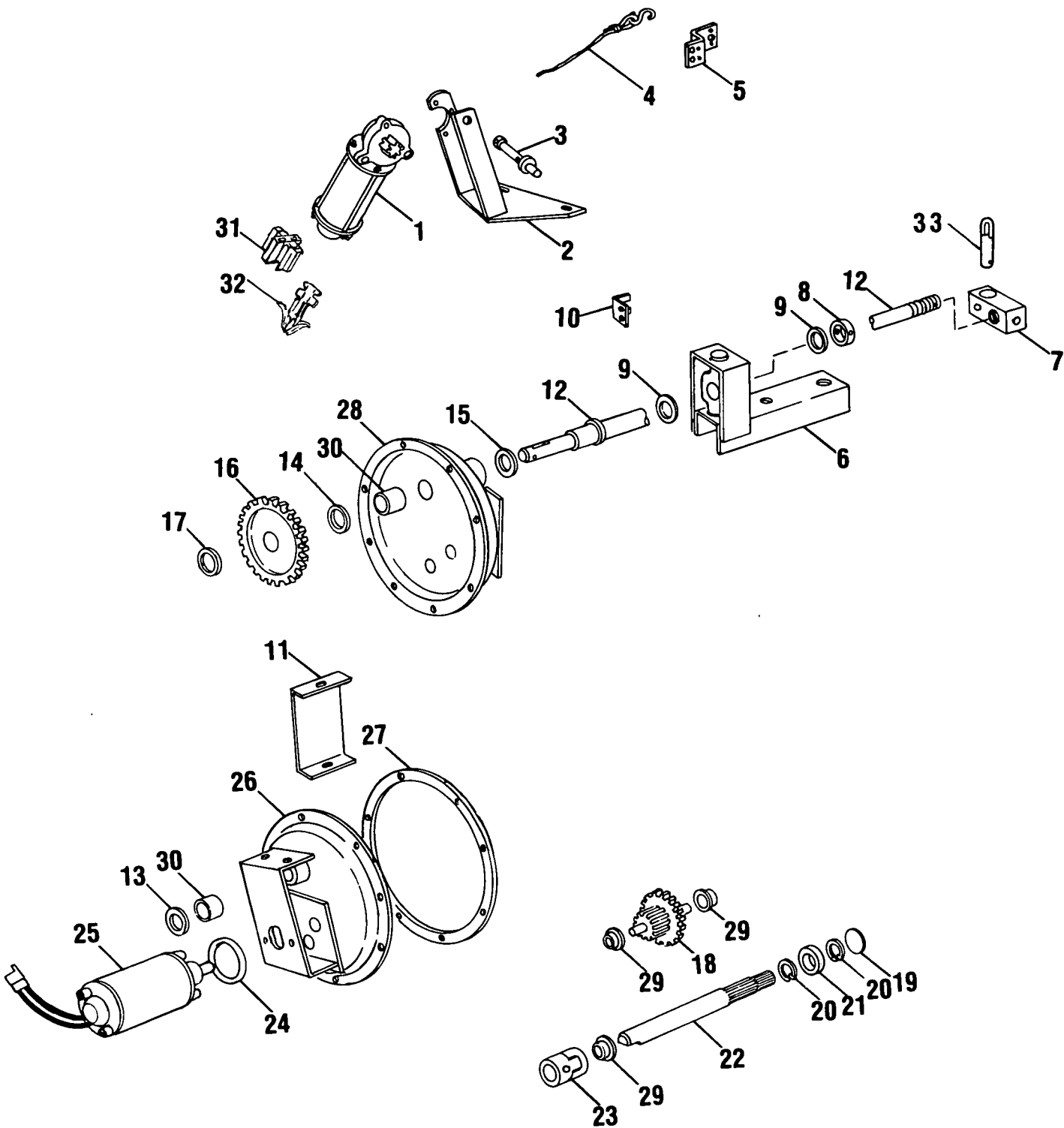
MODEL 790 FORAGE HARVESTER
SHIELDING GROUP (CONTINUED)



MODEL 790 FORAGE HARVESTER
SHIELDING GROUP (CONTINUED)

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 25 | 224985 | 1 | Bumper 1 88542 Cap Screw, Hex Head, Grade 5, 1/4" x 1/2" 1 80682 Lockwasher, 1/4" |
| 26 | 701304 | 1 | Lid Weld Assembly |
| 27 | 710332 | 1 | Angle 2 88992 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 1" 2 145458 Locknut, USR, 5/16" |
| 28 | 700481 | 1 | Latch |
| 29 | 35674 | 1 | Spring 1 88146 Cap Screw, Hex Head, Grade 5, 1/4" x 1" 2 80701 Washer, 1/4" 1 280129 Locknut, Grade 5, 1/4" |
| 30 | 702747 | 1 | Channel Weld Assembly 2 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" 1 88044 Cap Screw, Hex Head, Grade 5, 3/8" x 1 1/2" 3 80702 Washer, 3/8" 2 80680 Lockwasher, 3/8" 1 88902 Locknut, Grade C, 3/8" |
| 31 | 253179 | 1 | Hook |
| 32 | 514999 | 2 | Bushing |
| 33 | 716164 | 1 | Plate Weld Assembly |
| 34 | 785305 | 1 | Shield Weld Assembly 2 145913 Lockscrew, USR, 5/16" x 3/4" 1 280444 Cap Screw, Hex Head, 5/16" x 3 3/4" 1 80681 Lockwasher, 5/16" 1 80664 Washer, 5/16" |
| 35 | 700497 | 1 | Brace Weld Assembly 2 280497 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 3/4" 2 145458 Locknut, USR, 5/16" |
| 36 | 798031 | 1 | Channel 4 145913 Lockscrew, USR, 5/16" x 3/4" 4 145458 Locknut, USR, 5/16" |

MODEL 790 FORAGE HARVESTER
ELECTRIC CONTROLS
SPOUT AND DEFLECTOR CONTROLS GROUP



MODEL 790 FORAGE HARVESTER
ELECTRIC CONTROLS
SPOUT AND DEFLECTOR CONTROLS GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|------------|----------|--|
| 1 | 576242 | 1 | Motor Assembly 3 88573 Cap Screw, Hex Head, Grade 5, 1/4" x 3/4" 3 80701 Washer, 1/4" 3 80682 Lockwasher, 1/4" |
| 2 | 9617232 | 1 | Bracket Weld Assembly --- Replaces 254643 2 9602219 Plow Bolt, Grade 5, 3/8" x 2 1/4" 2 88902 Locknut, Grade C, 3/8" |
| 3 | 222785 | 1 | Spool Weld Assembly 2 88967 Set Screw, Cup Point, 1/4" x 1/2" 2 87305 Hex Jam Nut, 1/4" |
| 4 | 238657 | 1 | Deflector Rope Assembly |
| 5 | 136678 | 1 | Bracket (Used only with Spout Extension) 1 88206 Cap Screw, Hex Head, 3/8" x 1" 1 80702 Washer, 3/8" 1 80680 Lockwasher, 3/8" 1 84944 Nut, 3/8" |
| 6 | 9617182 | 1 | Bracket Weld Assembly --- Replaces 577675, 854382 1 87415 Grease Fitting, 1/4"-28, 90° 2 87670 Cap Screw, Hex Head, 1/2" x 1 1/4" 2 80679 Lockwasher, 1/2" 2 280431 Nut, Grade 5, 1/2" |
| 7 | (c) 136684 | 1 | Nut |
| | (d) 854381 | 1 | Pivot Nut 2 87414 Grease Fitting, Self-Tapping, 1/4"-28, Straight |
| 8 | 36993 | 1 | Drag Link Collar 1 87343 Groove Pin, Type "A", 1/4" x 1 3/4" |
| 9 | 33261 | 2 | Back-Up Washer |
| 10 | 237219 | 1 | Angle 2 88859 Cap Screw, Hex Head, 5/16" x 5/8" 2 80681 Lockwasher, 5/16" |
| 11 | 237548 | 1 | Shield 2 87667 Screw, Self-Tapping, Hex Head, 1/4" x 1/2" 2 80701 Washer, 1/4" 2 80682 Lockwasher, 1/4" |
| 12 | 854385 | 1 | Screw Weld Assembly, Spout Gearbox --- Replaces 237217 1 87538 Spring Pin, 1/4" x 1" 1 87397 Cotter Pin, 3/16" x 1" |
| 13 | 87381 | AR | Washer, 3/4" |
| 14 | 45960 | 1 | Washer, Special |
| 15 | 26260 | AR | Washer, Special |
| 16 | 224894 | 1 | Gear, 72 Tooth 2 80810 Woodruff Key, #9, 3/16" x 3/4" |
| 17 | 29534 | 1 | Washer, Special |
| 18 | 238943 | 1 | Gear Assembly |
| 19 | 229101 | 1 | Expansion Plug |
| 20 | 49894 | 2 | Snap Ring |
| 21 | 228662 | 1 | Ball Bearing |
| 22 | 228519 | 1 | Gear Shaft, 10 Tooth |
| 23 | 228661 | 1 | Flexible Coupling 2 87836 Set Screw, Hex Socket, Cup Point, 1/4" x 5/8" 2 87305 Hex Jam Nut, 1/4" |
| 24 | 241104 | 1 | "0" Ring |
| 25 | 224895 | 1 | Motor Assembly |
| 26 | 577767 | 1 | Shield Weld Assembly (Includes (2) Ref. 29 and (1) Ref. 30) |
| 27 | 225183 | AR | Shim |

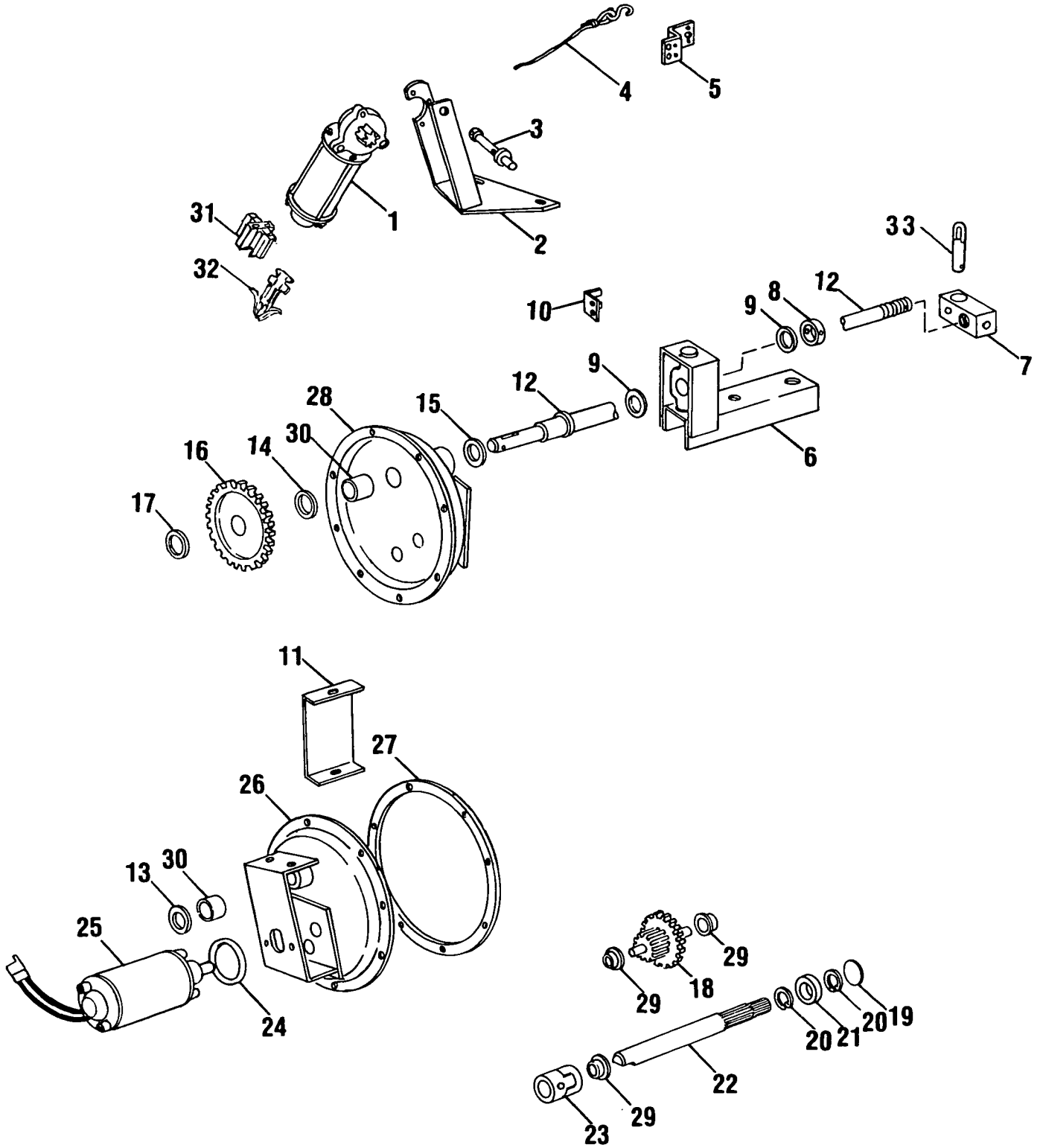
AR - As Required

(c) Used on and below Serial No. 744440

(d) Used on and above Serial No. 744441

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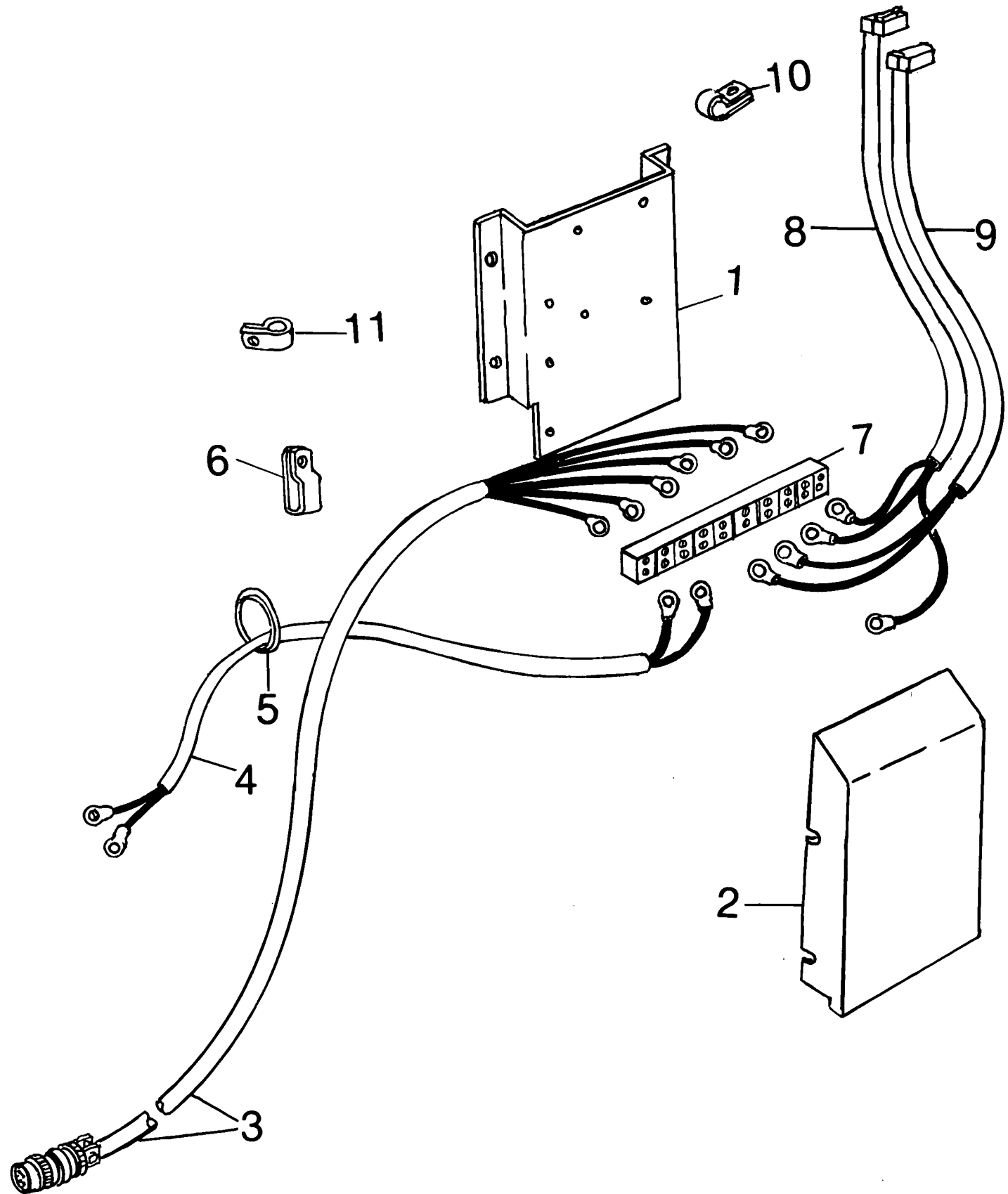
MODEL 790 FORAGE HARVESTER
ELECTRIC CONTROLS
SPOUT AND DEFLECTOR CONTROLS GROUP (CONTINUED)



MODEL 790 FORAGE HARVESTER
ELECTRIC CONTROLS
SPOUT AND DEFLECTOR CONTROLS GROUP (CONTINUED)

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 28 | 225180 | 1 | Shield Weld Assembly (Includes (1) Ref. Nos. 29 and 30) 8 280641 Cap Screw, Hex Head, Grade 5, 1/4" x 5/8" 8 80682 Lockwasher, 1/4" 8 84942 Nut, 1/4" |
| 29 | 133246 | 3 | Bushing |
| 30 | 66812 | 2 | Bushing |
| 31 | 289783 | 1 | Electrical Connector |
| 32 | 575943 | 2 | Electrical Connector |
| 33 | 138243 | 1 | Pin Weld Assembly |

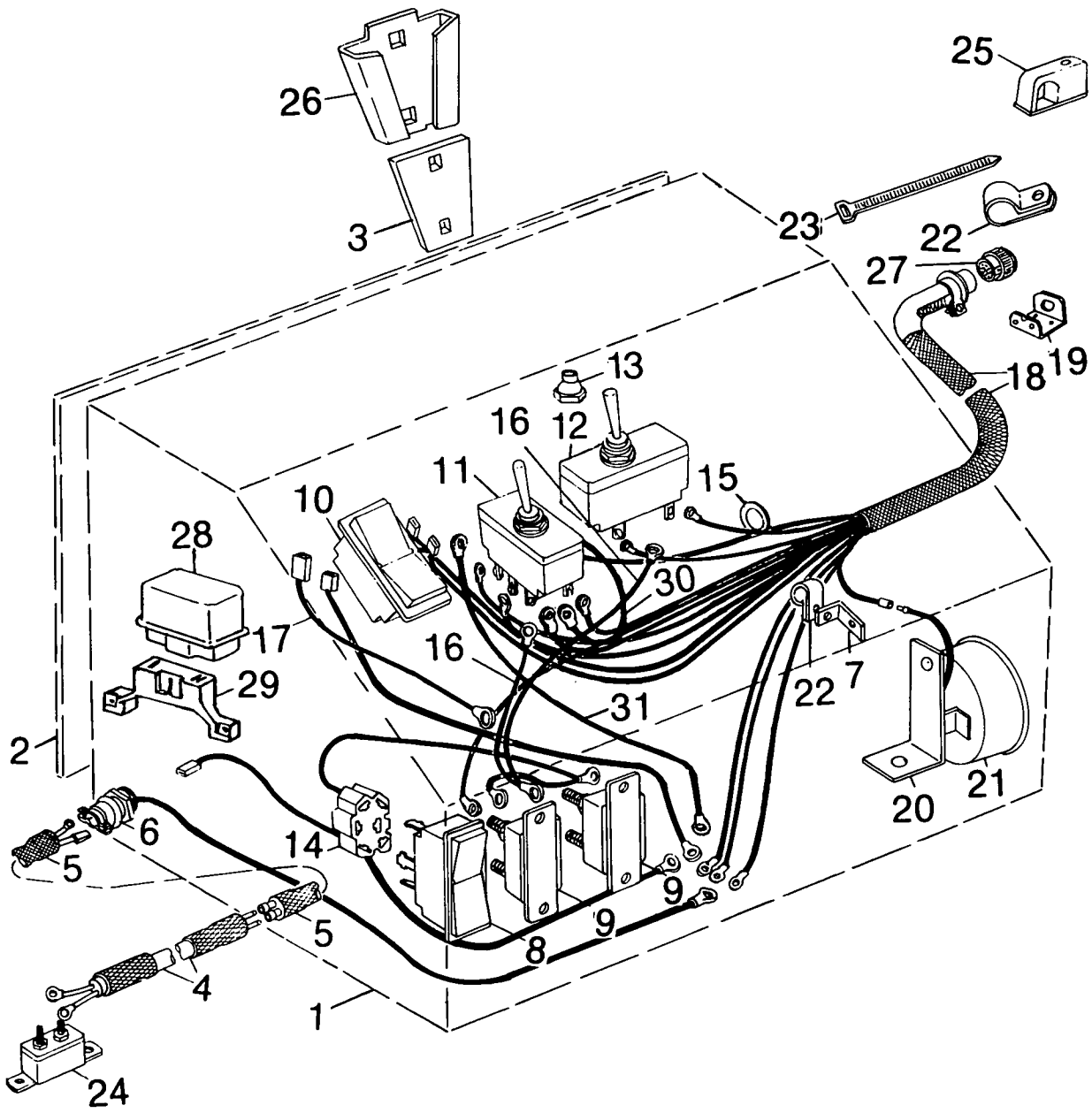
MODEL 790 FORAGE HARVESTER
WIRING GROUP
NON-METAL DETECTOR



MODEL 790 FORAGE HARVESTER
 WIRING GROUP
 NON-METAL DETECTOR

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 1 | 798866 | 1 | Mount Weld Assembly |
| | | 4 | 145913 Lockscrew, USR, 5/16" x 3/4" |
| 2 | 9601504 | 1 | Cover --- Replaces 798864 |
| | | 4 | 590860 Lockscrew, USR, 1/4" x 3/8" |
| 3 | 858553 | 1 | Wire Harness - Non-Metal Detector --- Replaces 786705 |
| | | 1 | 81743 Machine Screw, Truss Head, #8 x 1/2" |
| | | 1 | 87812 Lockwasher, #8 |
| | | 1 | 87653 Nut, #8 |
| 4 | 786590 | 1 | Wire Harness - Reversing Gearbox Switches |
| 5 | 574820 | 1 | Grommet |
| 6 | 715300 | 1 | Clamp |
| | | 1 | 590680 Lockscrew, USR, 1/4" x 3/8" |
| 7 | 785337 | 1 | Terminal Block |
| | | 2 | 60485 Machine Screw, Truss Head, #10 x 3/4" |
| | | 2 | 80684 Lockwasher, #10 |
| | | 2 | 87304 Nut, #10 |
| 8 | 785935 | 1 | Wire Harness - Flipper Motor |
| 9 | 785936 | 1 | Wire Harness - Spout Motor |
| 10 | 577927 | 2 | Clamp |
| | | 1 | 145913 Lockscrew, USR, 5/16" x 3/4" |
| 11 | 708182 | 2 | Clamp |
| | | 2 | 88543 Cap Screw, Hex Head, Grade 5, 5/16" x 1" |
| | | 2 | 145458 Locknut, USR, 5/16" |

MODEL 790 FORAGE HARVESTER
CONTROL BOX GROUP



MODEL 790 FORAGE HARVESTER
CONTROL BOX GROUP

| Ref. No. | Part No. | No. Used | | Description |
|----------|-------------|----------|---|---|
| | | A | B | |
| | 787187 | 1 | | Control Box Assembly, Machines with Metal Detector |
| | 787186 | | 1 | Control Box Assembly, Machines without Metal Detector |
| 1 | 858505 | 1 | 1 | Control Box Housing --- Replaces 781647 |
| 2 | 768720 | 1 | 1 | Back Cover |
| | | | | 4 87667 Self-Tapping Screw, Hex Head, 1/4" x 1/2" |
| 3 | 9801636 | 1 | 1 | Mounting Bracket --- Replaces 222782 |
| | | | | 2 280327 Carriage Bolt, Grade 5, 5/16" x 3/4" |
| | | | | 4 87362 Washer, 5/16" SAE |
| | | | | 2 80681 Lockwasher, 5/16" |
| | | | | 2 280736 Locknut, Grade C, 5/16" |
| | | | | 2 84943 Nut, 5/16" |
| 4 | 796719 | 1 | 1 | Wire Harness, Power Supply from Tractor --- Replaces 693846 |
| 5 | 796718 | 1 | 1 | Wire Harness, To Tractor Harness --- Replaces 636323 |
| 6 | N.S.*102046 | 2 | 2 | Clamp Assembly |
| 7 | 39644 | 1 | 1 | Bracket |
| | | | | 1 87872 Cap Screw, Hex Head, Grade 5, 5/16" x 3/4" |
| | | | | 1 80681 Lockwasher, 5/16" x 3/4" |
| | | | | 1 84943 Nut, 5/16" |
| 8 | 682360 | 1 | 1 | Rocker Switch, On-Off with Pilot Light |
| 9 | 768115 | 1 | 1 | Circuit Breaker, 15 Amp |
| | 768120 | 1 | 1 | Circuit Breaker, 20 Amp |
| | (b) 768106 | 1 | 1 | Circuit Breaker, for use with 6 or 12 volts |
| | | | | AR 84821 Machine Screw, Truss Head, #10 x 1/2" |
| | | | | AR 80684 Lockwasher, #10 |
| | | | | AR 87304 Hex Nut, #10 |
| K 10 | 682361 | 1 | 1 | Rocker Switch, Feedroll Clutch |
| 11 | 578471 | 1 | 1 | Toggle Switch, Spout Direction Control |
| 12 | 602996 | 1 | 1 | Toggle Switch, Deflector Control |
| 13 | 602997 | 2 | 2 | Seal, Toggle Switch |
| 14 | 632908 | 1 | 1 | Wire Harness, Power Switch |
| 15 | 798838 | 1 | 1 | Split Grommet |
| 16 | 636309 | 1 | 1 | Wire Harness, Breaker to Toggle Switches |
| 17 | **630488 | 1 | 1 | Wire Assembly, 14 Gauge, 6" (152mm) Long |
| 18 | 858556 | | 1 | Wire Harness, To Machine Harness (Includes Clamp) |
| | | | | --- Replaces 786706 |
| | 858554 | 1 | | Wire Harness, To Machine Harness (Includes Clamp) |
| | | | | --- Replaces 786707 |
| | | | | 1 762832 Repair Kit |
| | | | | 1 636664 Clamp, Strain Relief, 90° |
| | | | | 1 636665 Lockwasher |
| | | | | 1 636666 Nut |
| 19 | 9801101 | 1 | 1 | Bracket --- Replaces 787868 |
| 20 | 630394 | 1 | | Bracket, Buzzer |
| | | | | 1 84467 Machine Screw, Truss Head, 1/4" x 1/2" |
| | | | | 1 80682 Lockwasher, 1/4" |
| | | | | 1 84942 Hex Nut, 1/4" |
| 21 | 701592 | 1 | | Buzzer Assembly (Includes Lead Wire) |
| | | | | 1 136224 Connector Plug |
| | | | | 1 87270 Machine Screw, Round Head, #8 x 1/4" |
| | | | | 1 87812 Lockwasher, #8 |

AR - As Required

N.S.* - Not Stocked - Purchase Locally

** Wire Assemblies are not stocked by Ford New Holland; they should be fabricated locally

A - Used on machines with the Metal Detector

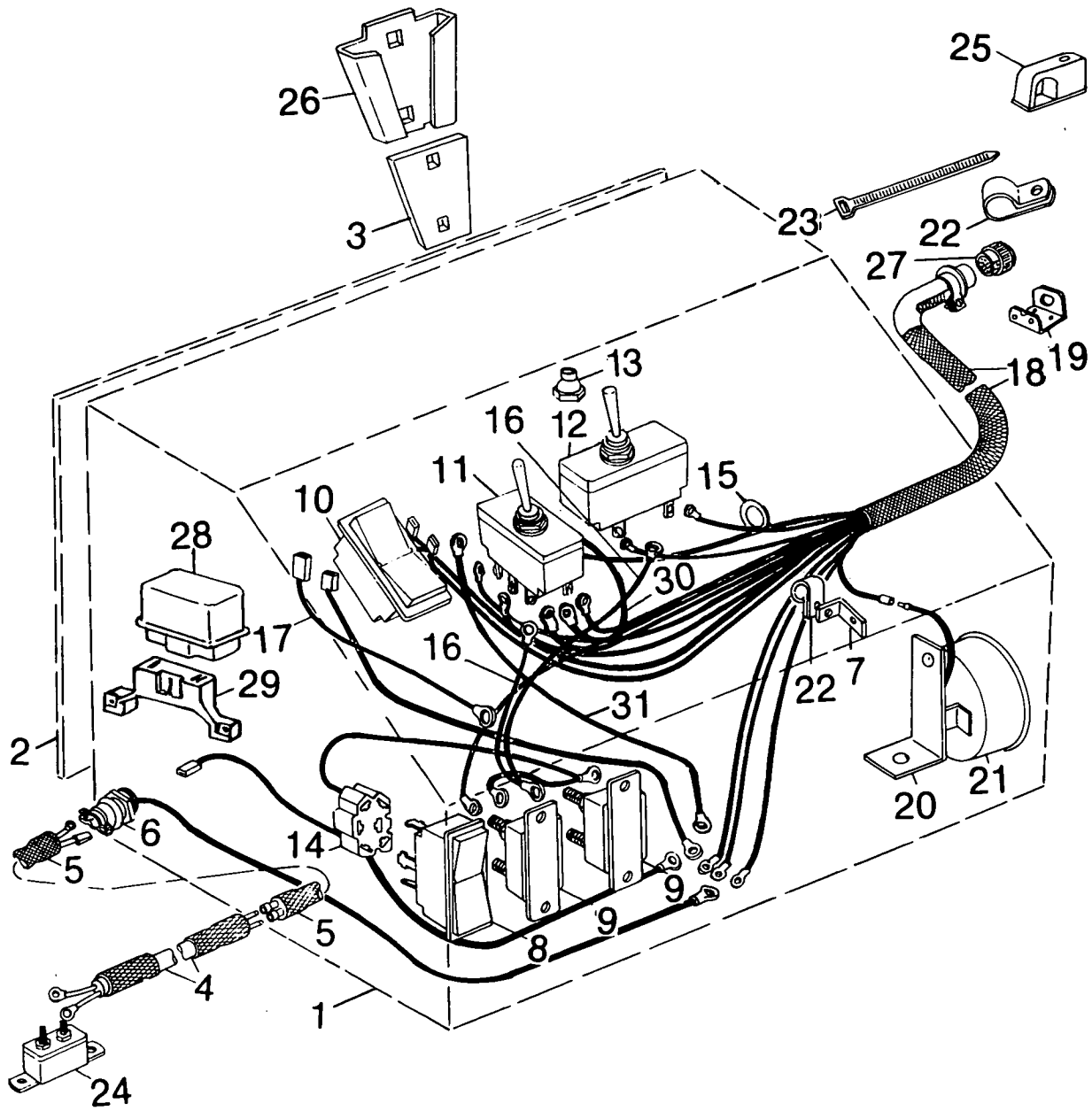
B - Used on machines without the Metal Detector

(b) Used on and above Serial No. 744441

(CONTINUED)

* See SB US 97-09-15 (failure of switch caused by voltage spikes)
↳ use 2 x fuse 249364)

MODEL 790 FORAGE HARVESTER
CONTROL BOX GROUP (CONTINUED)



MODEL 790 FORAGE HARVESTER
CONTROL BOX GROUP (CONTINUED)

| Ref. No. | Part No. | No. Used | | Description |
|----------|------------|----------|----|---|
| | | A | B | |
| 22 | 711051 | 2 | | Clamp, 3/4" (19mm) ID 1 88832 Carriage Bolt, Grade 5, 1/4" x 3/4" 2 84909 Machine Screw, Truss Head, Grade 5, 1/4" x 3/4" 3 80701 Washer, 1/4" 3 80682 Lockwasher, 1/4" 1 523282 Locknut, USR, 1/4" 2 84942 Hex Nut, 1/4" |
| | 715300 | | 2 | Clamp, 7/16" (11mm) ID |
| 23 | 263117 | AR | AR | Cable Tie |
| 24 | 767893 | 1 | 1 | Circuit Breaker, 30 AMP (Mounted on Tractor) |
| 25 | 604898 | 1 | 1 | Clamp, 3/4" (19mm) ID 1 280164 Cap Screw, Hex Head, Grade 5, 1/4" x 1 3/4" 1 80682 Lockwasher, 1/4" 1 84942 Hex Nut, 1/4" |
| 26 | 847590 | 1 | 1 | Socket --- Replaces 38027 |
| 27 | 767456 | 1 | 1 | Dust Cover Plug 1 617887 "S" Hook |
| 28 | (b) 859973 | 1 | | Relay |
| 29 | (b) 857902 | 1 | | Wire Harness Relay 2 84821 Machine Screw, Truss Head, #10 x 1/2" 2 80684 Lockwasher, #10 2 87304 Nut, #10 |
| 30 | 615296 | 1 | 1 | Wire Harness |
| 31 | 629146 | 1 | 1 | Wire Harness |

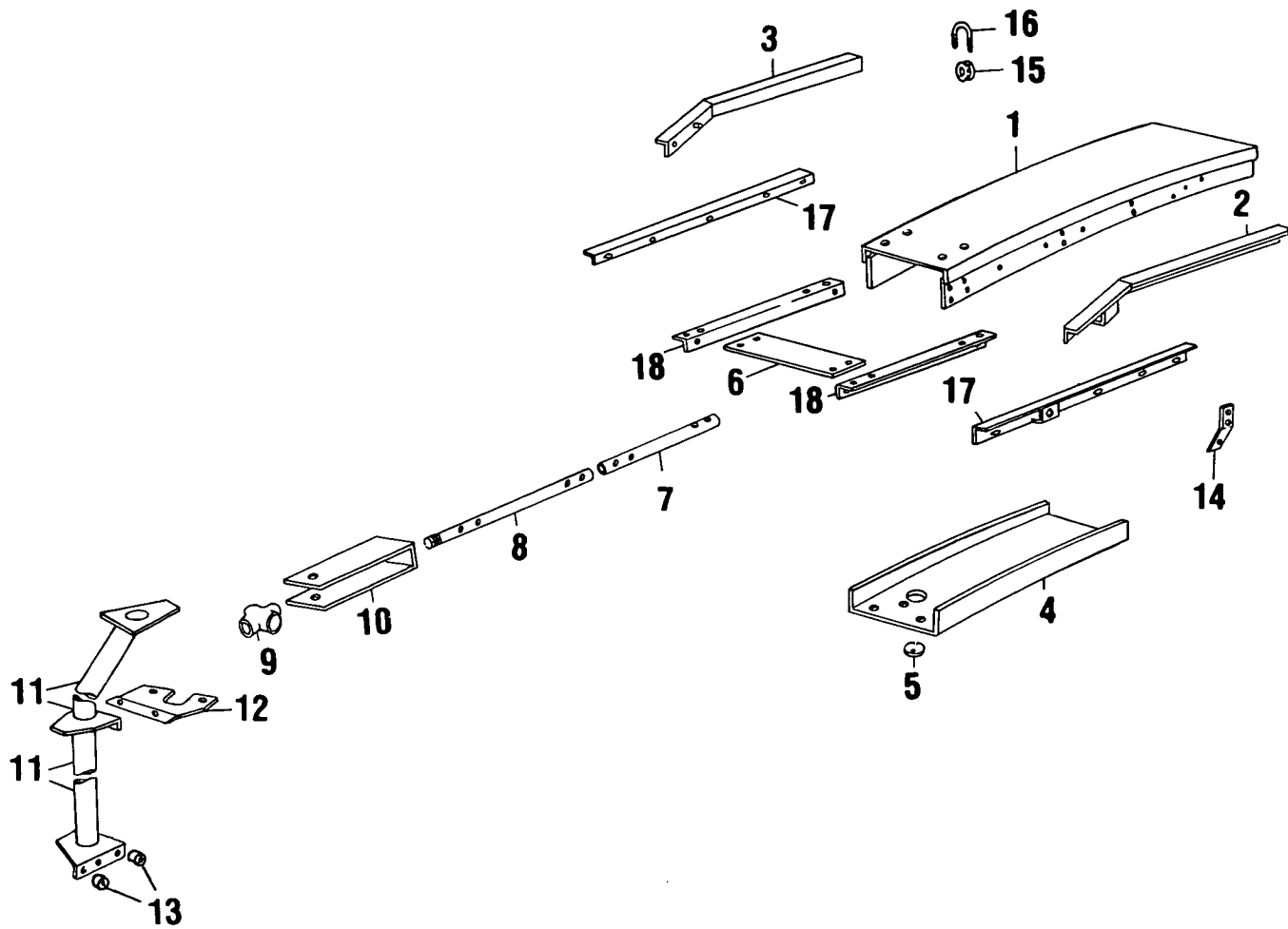
AR - As Required

A - Used on machines with the Metal Detector

B - Used on machines without the Metal Detector

(b) Used on and above Serial No. 744441

MODEL 790 FORAGE HARVESTER
ATTACHMENTS
HORIZONTAL SPOUT EXTENSION AND SUPPORT BUNDLE

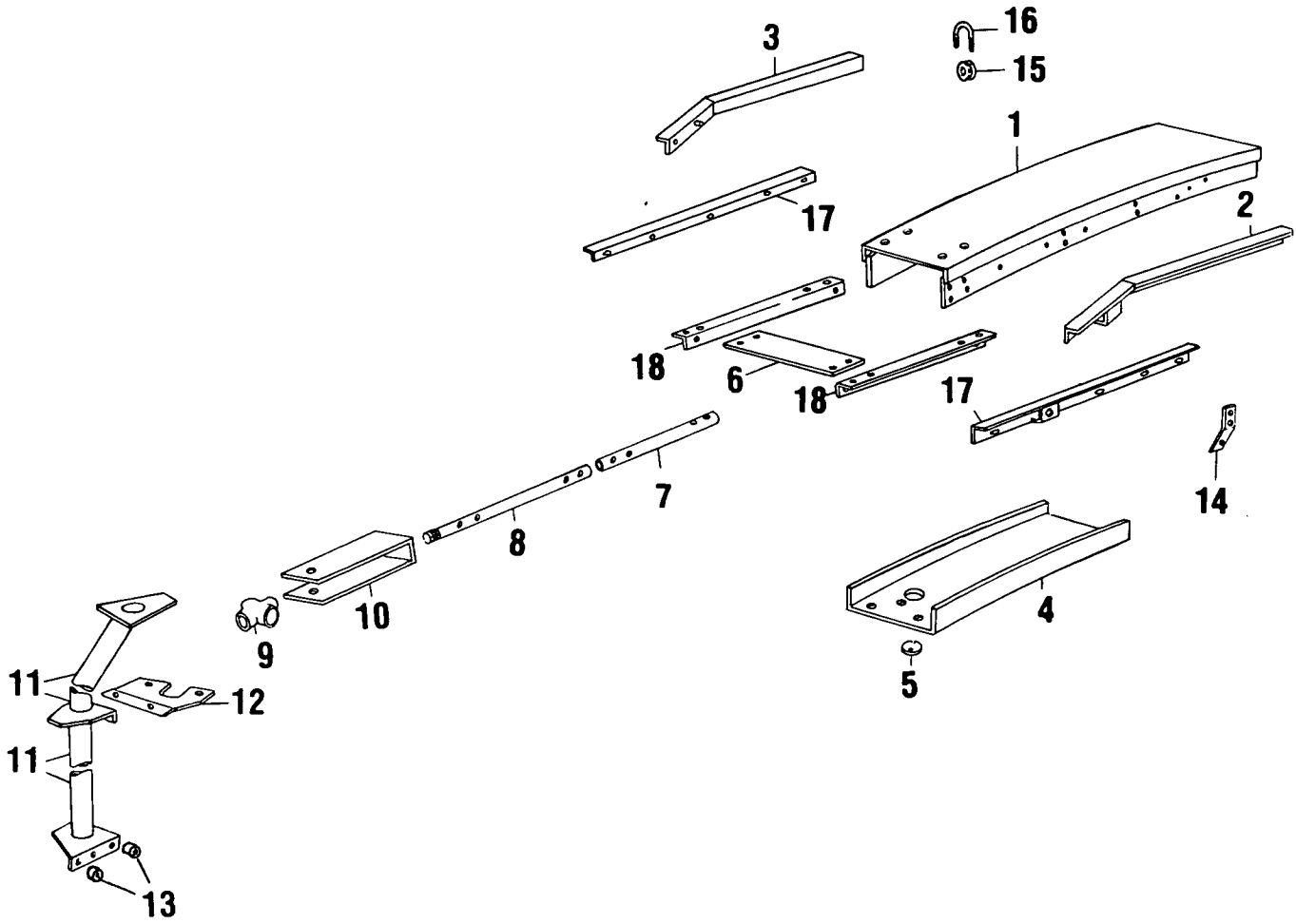


MODEL 790 FORAGE HARVESTER
ATTACHMENTS
HORIZONTAL SPOUT EXTENSION AND SUPPORT BUNDLE

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 1 | 288166 | 1 | Horizontal Spout Extension and Support Bundle Spout Weld Assembly 4 88639 Bolt, Round Head, Short Square Neck, Grade 5, 3/8" x 3/4" 4 81739 Machine Screw, Flat Head, 3/8" x 3/4" 8 80702 Washer, 3/8" 8 80680 Lockwasher, 3/8" 8 84944 Nut, 3/8" |
| 2 | 703941 | 1 | Angle Weld Assembly, LH 8 88639 Bolt, Round Head, Short Square Neck, Grade 5, 3/8" x 3/4" 2 280503 Bolt, Round Head, Short Square Neck, Grade 5, 3/8" x 1" 10 80702 Washer, 3/8" 10 80680 Lockwasher, 3/8" 10 84944 Nut, 3/8" |
| 3 | 703940 | 1 | Angle Weld Assembly, RH 8 88639 Bolt, Round Head, Short Square Neck, Grade 5, 3/8" x 3/4" 2 280503 Bolt, Round Head, Short Square Neck, Grade 5, 3/8" x 1" 10 80702 Washer, 3/8" 10 80680 Lockwasher, 3/8" 10 84944 Nut, 3/8" |
| 4 | 9618073 | 1 | Shield --- Replaces 251381 2 280497 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 3/4" 6 84896 Machine Screw, Truss Head, 5/16" x 3/4" 8 80664 Washer, 5/16" 8 80681 Lockwasher, 5/16" 8 84943 Nut, 5/16" |
| 5 | 164342 | 1 | Plate, Cover 2 88833 Carriage Bolt, 1/4" x 1" 1 80701 Washer, 1/4" 2 80682 Lockwasher, 1/4" 2 84878 Wing Nut, 1/4" |
| 6 | 771757 | 1 | Plate --- Replaces 713576 |
| 7 | 288161 | 1 | Tube 2 88436 Cap Screw, Hex Head, Grade 5, 3/8" x 2" 2 80702 Washer, 3/8" 2 80680 Lockwasher, 3/8" 2 84944 Nut, 3/8" |
| 8 | 786170 | 1 | Tube Weld Assembly 2 88436 Cap Screw, Hex Head, Grade 5, 3/8" x 2" 2 80680 Lockwasher, 3/8" 2 84944 Nut, 3/8" |
| 9 | 122878 | 1 | Block 1 60473 Cap Screw, Hex Head, 7/16" x 3 1/2" 1 280980 Hex Locknut, 7/16" |
| 10 | 786100 | 1 | Bracket 1 280953 Tap Bolt, Hex Head, Grade 5, 5/8" x 3 1/2" 1 88604 Cap Screw, Hex Head, Grade 5, 7/16" x 2 1/2" 1 84971 Jam Nut, 5/8" 1 87365 Washer, 5/8" SAE |
| 11 | 709986 | 1 | Tube Weld Assembly 2 87670 Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/4" 1 87996 Cap Screw, Hex Head, Grade 5, 1/2" x 4 1/2" 2 280114 Cap Screw, Hex Head, Grade 5, 1/2" x 4" 20 80700 Washer, . 1/2" 3 80679 Lockwasher, 1/2" 3 280431 Nut, Grade 5, 1/2" 2 88871 Locknut, 1/2" |

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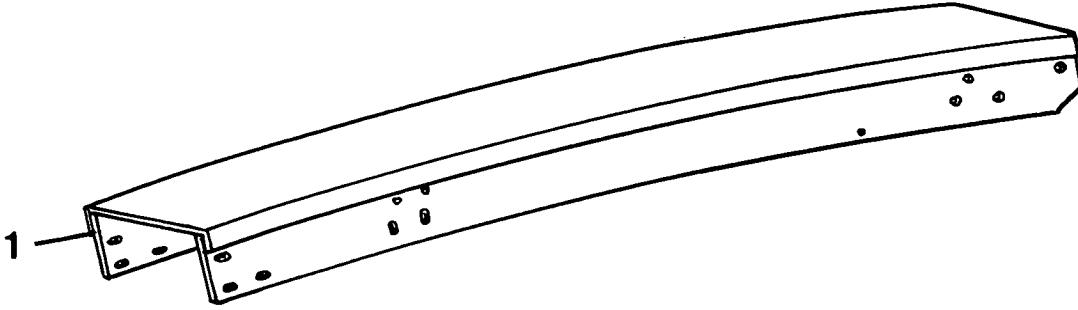
MODEL 790 FORAGE HARVESTER
ATTACHMENTS
HORIZONTAL SPOUT EXTENSION AND SUPPORT BUNDLE
(CONTINUED)



MODEL 790 FORAGE HARVESTER
 ATTACHMENTS
 HORIZONTAL SPOUT EXTENSION AND SUPPORT BUNDLE
 (CONTINUED)

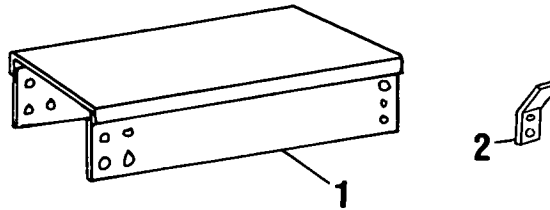
| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 12 | 709552 | 1 | Angle Mount |
| 13 | 34387 | 2 | Spacer |
| 14 | 136682 | 1 | Bracket |
| | | 2 | 87702 Machine Screw, Flat Head, 3/8" x 1" |
| | | 2 | 80702 Washer, 3/8" |
| | | 2 | 80680 Lockwasher, 3/8" |
| | | 2 | 84944 Nut, 3/8" |
| 15 | 28110 | 1 | Rope Guide |
| 16 | 28114 | 1 | "U" Bolt |
| | | 2 | 80684 Lockwasher, #10 |
| | | 2 | 87304 Nut, #10-24 |
| 17 | 621335 | 2 | Angle |
| 18 | 771758 | 2 | Angle |
| | | 4 | 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" |
| | | 4 | 80680 Lockwasher, 3/8" |
| | | 4 | 84944 Nut, 3/8" |
| | | 2 | 80755 Cotter Pin, 1/8" x 1" |

MODEL 790 FORAGE HARVESTER
 ATTACHMENTS
 SPOUT EXTENSION BUNDLE FOR REGULAR SPOUT



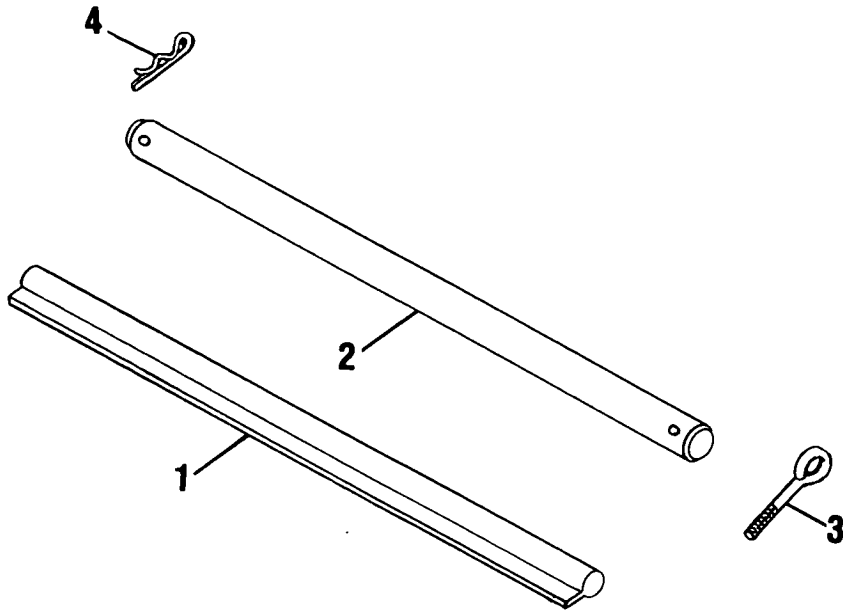
| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 1 | 9617694 | 1 | Spout Extension Weld Assembly --- Replaces 602530 |
| | | 10 | 87101 Machine Screw, Truss Head, 3/8" x 3/4" |
| | | 4 | 87702 Machine Screw, Flat Head, 3/8" x 1" |
| | | 4 | 80702 Washer, 3/8" |
| | | 4 | 80680 Lockwasher, 3/8" |
| | | 4 | 84944 Hex Nut, 3/8" |

MODEL 790 FORAGE HARVESTER
 ATTACHMENTS
 SPOUT EXTENSION BUNDLE FOR SHORT SPOUT



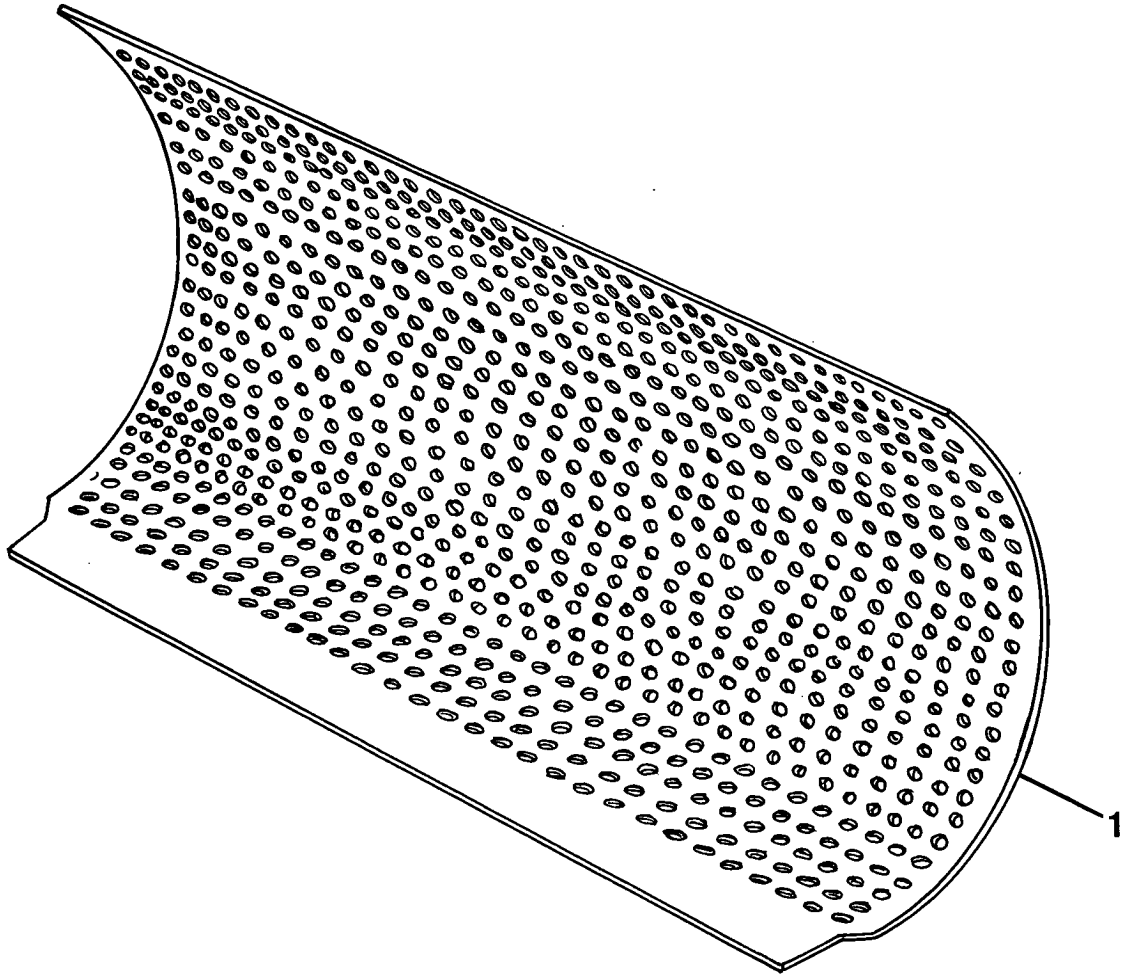
| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 9617692 | 1 | Spout Extension Bundle Spout Weld Assembly --- Replaces 614694 10 87101 Machine Screw, Truss Head, 3/8" x 3/4" 4 87702 Machine Screw, Flat Head, 3/8" x 1" 4 80702 Washer, 3/8" 4 80680 Lockwasher, 3/8" 4 84944 Hex Nut, 3/8" |
| 2 | 136682 | 1 | Bracket 2 87702 Machine Screw, Flat Head, 3/8" x 1" 2 80702 Washer, 3/8" 2 80680 Lockwasher, 3/8" 2 84944 Hex Nut, 3/8" |

MODEL 790 FORAGE HARVESTER
 ATTACHMENTS
 RECUTTER SCREEN MOUNTING KIT



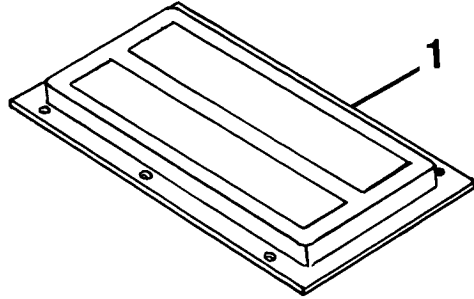
| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|------------------------------|
| 1 | 700440 | 1 | Recutter Screen Mounting Kit |
| 2 | 702328 | 1 | Rod Weld Assembly |
| 3 | 225080 | 2 | Shaft |
| | | | Eye Bolt |
| | | 4 | 87016 Washer, 3/8" |
| | | 4 | 84944 Nut, 3/8" |
| 4 | 37851 | 2 | Hairpin Cotter |

MODEL 790 FORAGE HARVESTER
 ATTACHMENTS
 RECUTTER SCREENS



| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|----------------------------------|
| 1 | | 1 | Screen, 3/4" Dia. Holes (20mm) |
| | | 1 | Screen, 1" Dia. Holes (25mm) |
| | | 1 | Screen, 1 1/2" Dia. Holes (40mm) |
| | | 1 | Screen, 15 Slots 2 1/4" x 7" |
| | | 1 | Screen, 12 Slots 3" x 7 1/4" |

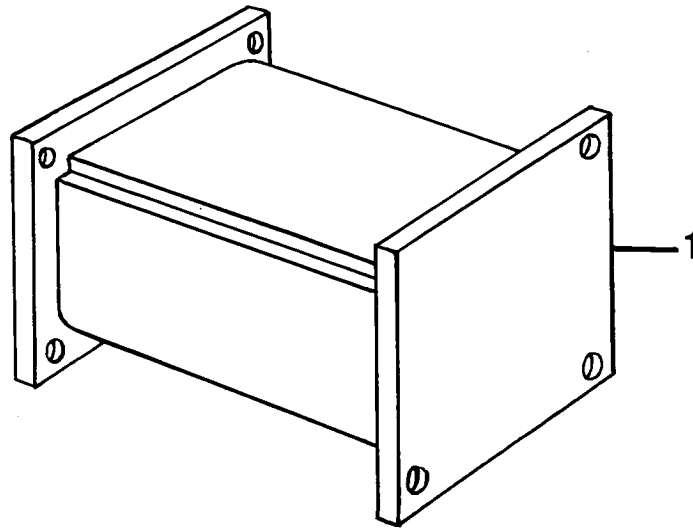
MODEL 790 FORAGE HARVESTER
ATTACHMENTS
MAGNET BUNDLE



| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|-------------------------|
| 1 | N.S.S. | 1 | Magnet Bundle Magnet |

N.S.S. - Not Service Separately

MODEL 790 FORAGE HARVESTER
 ATTACHMENTS
 AXLE EXTENSION

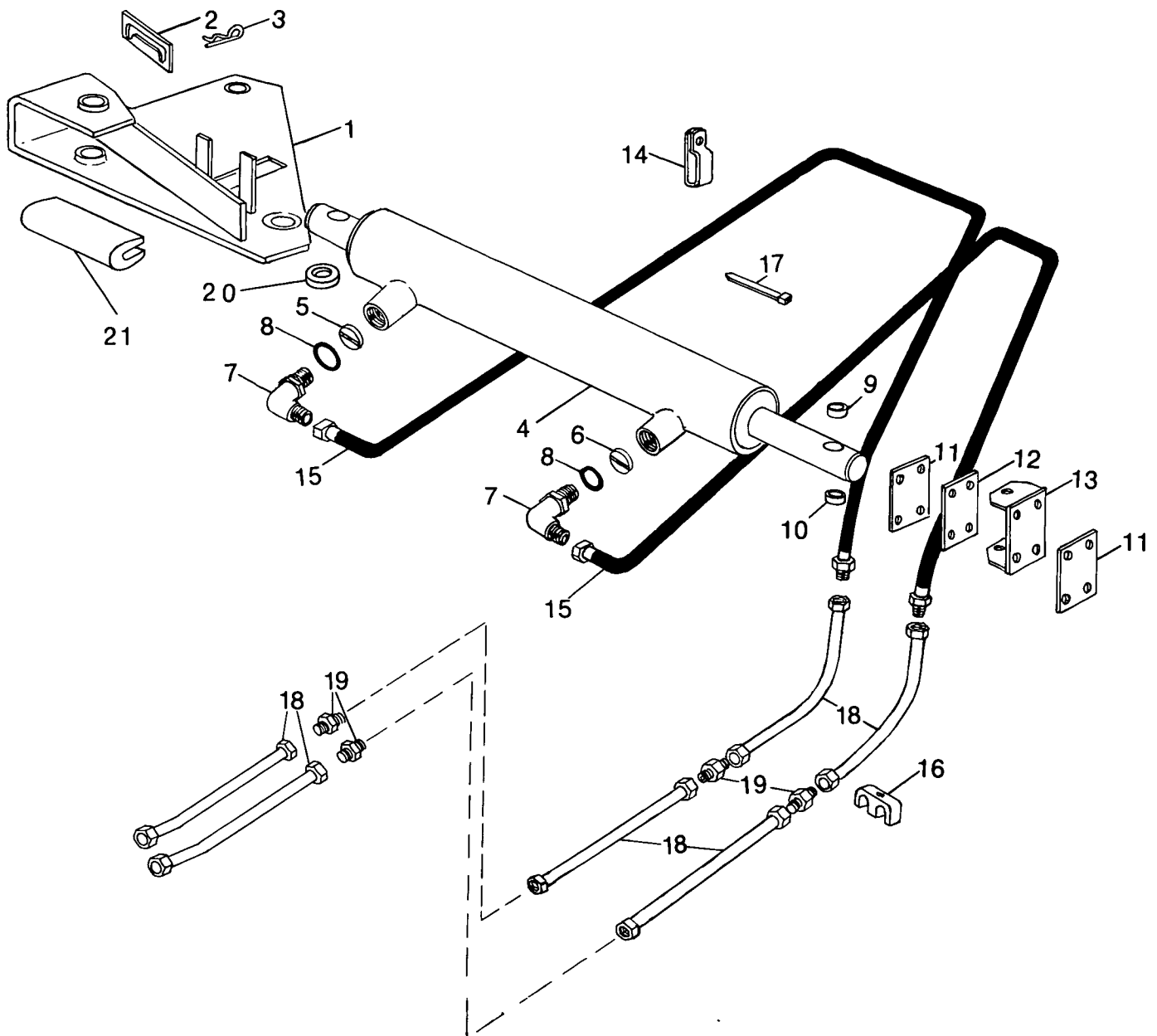


| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | * | AR | Axle Extension |
| | | | AR 88555 Cap Screw, Hex Head, Grade 5, 5/8" x 2" |
| | | | AR 84057 Lockwasher, 5/8" |
| | | | AR 84947 Nut, 5/8" |

AR - As Required

* Order as an Attachment

MODEL 790 FORAGE HARVESTER
TONGUE SWING BUNDLE



MODEL 790 FORAGE HARVESTER
TONGUE SWING BUNDLE

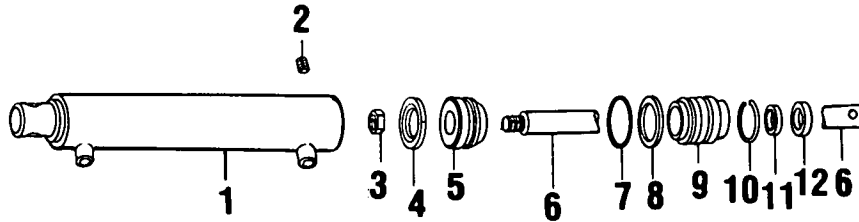
| Ref. No. | Part No. | No. Used | Description |
|----------|------------|----------|---|
| 1 | 784895 | 1 | Bracket Weld Assembly |
| 2 | 786435 | 1 | Flat |
| 3 | 33778 | 2 | Hairpin Cotter |
| 4 | 787354 | 1 | Hydraulic Cylinder (Refer to Separate Breakdown) |
| | | | (a)1 281065 Cap Screw, Hex Head, Grade 5, 5/8" UNF x 4 1/2" |
| | | | 1 280986 Cap Screw, Hex Head, Grade 5, 5/8" UNF x 5 1/2" |
| | | | 2 87627 Locknut, Grade B, 5/8", UNF |
| 5 | 686586 | 1 | Orifice, .046 (1.17mm) |
| 6 | 261066 | 1 | Orifice, .032 (.813mm) |
| 7 | 76344 | 2 | Elbow, 90° (Includes Ref. No. 8) |
| 8 | 9617873 | 2 | "O" Ring |
| 9 | (a) 143675 | 1 | Spacer, 1" (2.54mm) OD |
| 10 | (a) 615951 | 1 | Spacer, 1 1/4" (31.75mm) OD |
| 11 | 798965 | 2 | Cushion Pad |
| 12 | 798966 | 1 | Plate |
| 13 | 857582 | 1 | Bracket Weld Assembly --- Replaces 798962 |
| | | | 4 87975 Cap Screw, Hex Head, Grade 5, 1/2" x 2 1/4" |
| | | | 4 88871 Locknut, Grade C, 1/2" |
| 14 | 578070 | 1 | Clamp |
| 15 | 76679 | 2 | Hose Assembly |
| 16 | 636307 | 3 | Double Clamp |
| | | | 3 280164 Cap Screw, Hex Head, Grade 5, 1/4" x 1 3/4" |
| 17 | 263117 | 3 | Cable Tie |
| 18 | N.S. | 6 | Tube Assembly, 3/8" OD |
| | | | AR 235670 Sleeve |
| | | | AR 136658 Nut |
| 19 | 128821 | 4 | Union Connector |
| 20 | 693102 | 1 | Washer |
| 21 | 708517 | | Edging |

AR - As Required

N.S. - Not Stocked - Hydraulic Tubing Assemblies are not available thru the Ford New Holland Service Parts System. For field repairs, refer to Ford New Holland Standard Parts Catalog for instructions and part numbers.

(a) Used on and below Serial No. 744038

MODEL 790 FORAGE HARVESTER
TONGUE SWING

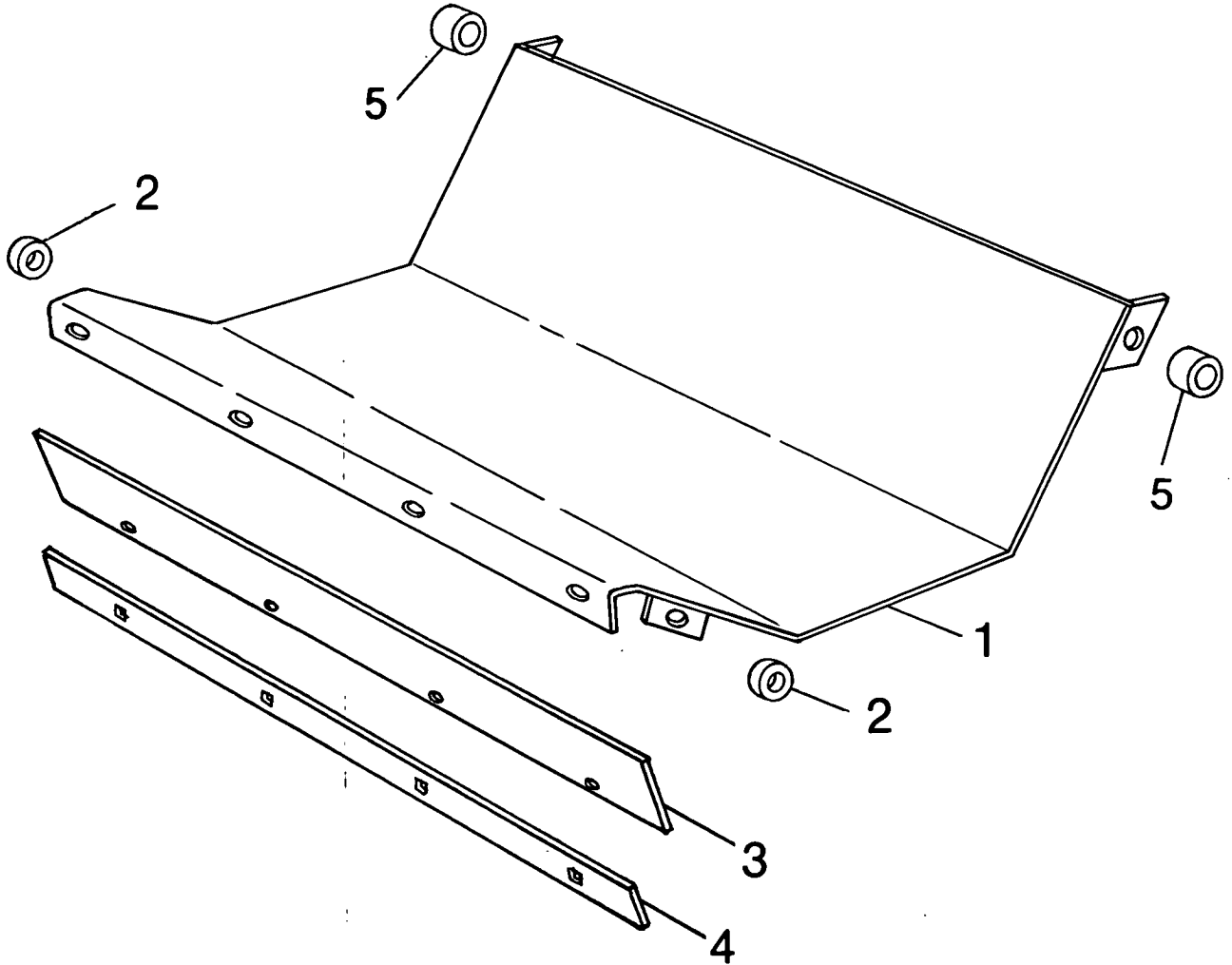


| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| | 787354 | 1 | Hydraulic Cylinder Assembly, DUAL PORT (Includes Ref. Nos. 1 thru 12) |
| 1 | 787355 | 1 | Cylinder Weld Assembly |
| 2 | 529034 | 1 | Set Screw, 1/4" |
| 3 | 280724 | 1 | Hex Locknut, 3/4" UNF |
| 4 | * N.S.S. | 1 | Seal |
| 5 | 787319 | 1 | Piston |
| 6 | 591986 | 1 | Piston Rod |
| 7 | * N.S.S. | 1 | "O" Ring |
| 8 | * N.S.S. | 1 | Back-Up Washer |
| 9 | 9802971 | 1 | Cylinder Head Assembly (Includes Ref. Nos. 7, 8, 11 and 12) |
| 10 | * 517561 | 1 | Retaining Ring |
| 11 | * N.S.S. | 1 | Seal |
| 12 | * 511979 | 1 | Oil Seal |
| | * 792803 | AR | Seal Repair Kit (Includes Ref. Nos. 4, 7, 8, 10, 11 and 12) |

AR - As Required

N.S.S. - Not Serviced Separately

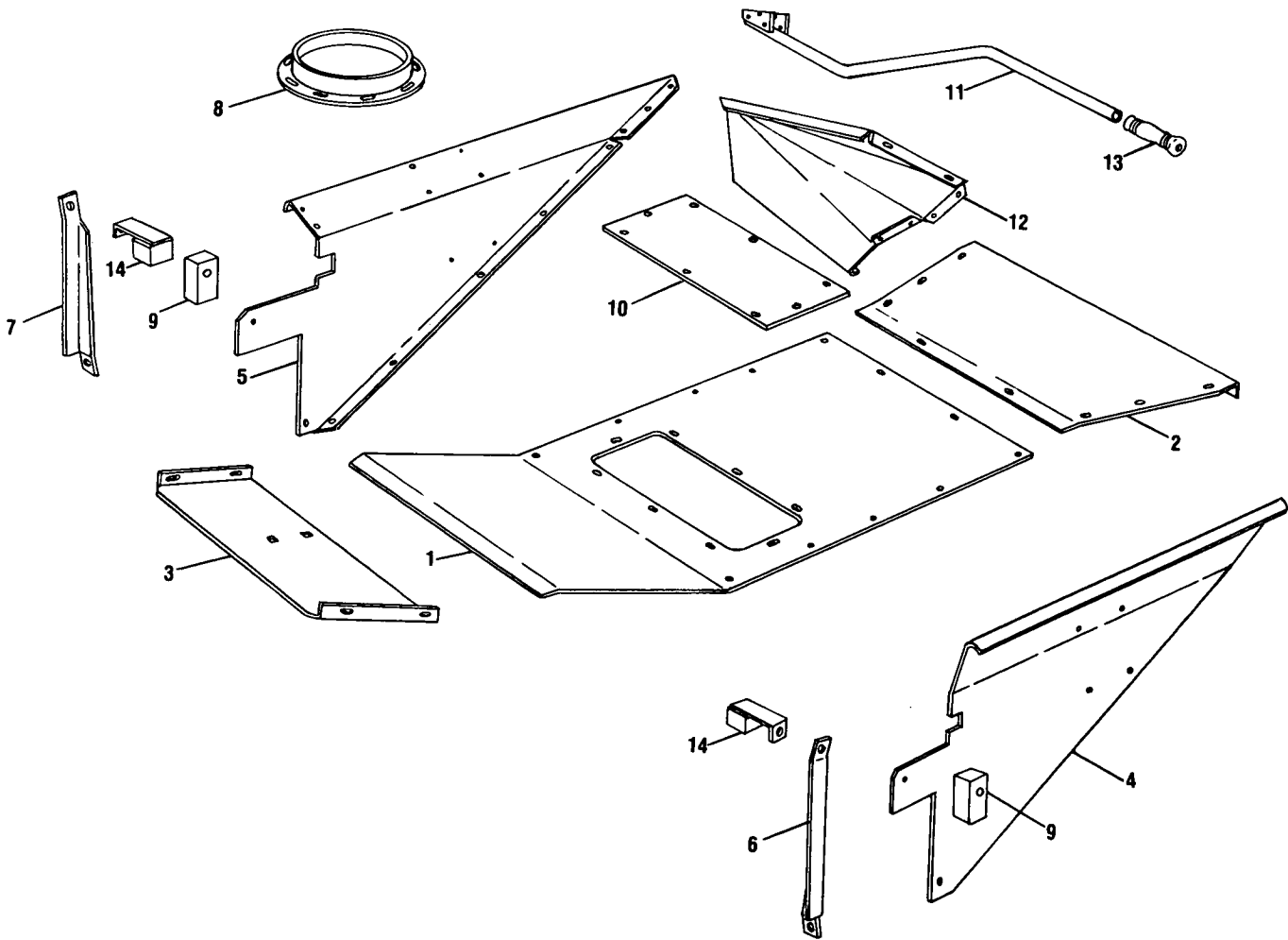
MODEL 790 FORAGE HARVESTER
GRAIN SAVER PAN BUNDLE



| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | * 765863 | 1 | Grain Saver Pan Bundle Pan |
| | | 4 | 88011 Cap Screw, Hex Head, Grade 5, 3/8" x 1 1/4" |
| | | 4 | 80680 Lockwasher, 3/8" |
| 2 | 128699 | 2 | Spacer |
| 3 | 765865 | 1 | Flap |
| 4 | 765864 | 1 | Strip |
| | | 4 | 280497 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 3/4" |
| 5 | 254146 | 2 | 4 145458 Locknut, USR, 5/16" Spacer |

* Order as an Attachment

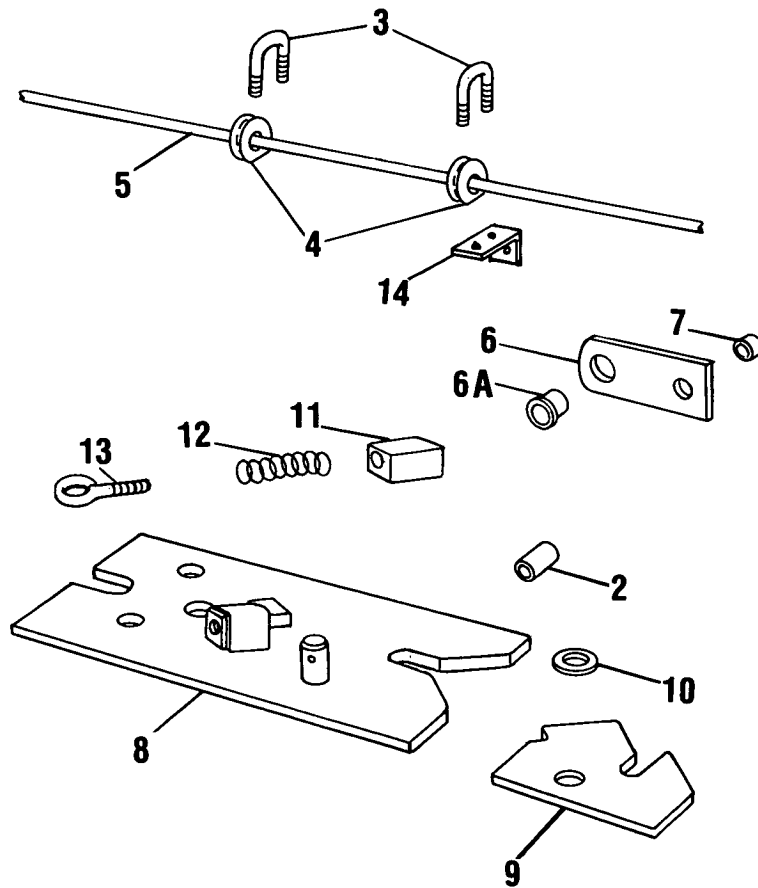
MODEL 790 FORAGE HARVESTER
ATTACHMENTS
EAR CORN HOPPER BUNDLE



MODEL 790 FORAGE HARVESTER
ATTACHMENTS
EAR CORN HOPPER BUNDLE

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 704644 | 1 | Ear Corn Hopper Bundle Bottom Weld Assembly 10 87872 Cap Screw, Hex Head, Grade 5, 5/16" x 3/4" 2 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" 10 80664 Washer, 5/16" 2 80702 Washer, 3/8" 10 80681 Lockwasher, 5/16" 2 80680 Lockwasher, 3/8" 10 84943 Nut, 5/16" 2 84944 Nut, 3/8" |
| 2 | 704642 | 1 | Front Sheet 6 87872 Cap Screw, Hex Head, Grade 5, 5/16" x 3/4" 6 80664 Washer, 5/16" 6 80681 Lockwasher, 5/16" 6 84943 Nut, 5/16" |
| 3 | 704641 | 1 | Rear Sheet 4 87872 Cap Screw, Hex Head, Grade 5, 5/16" x 3/4" 4 80664 Washer, 5/16" 6 80681 Lockwasher, 5/16" 6 84943 Nut, 5/16" |
| 4 | 704645 | 1 | Side Sheet, RH 1 87909 Cap Screw, Hex Head, Grade 5, 1/2" x 1" 1 80700 Washer, 1/2" 1 80679 Lockwasher, 1/2" 1 280431 Nut, Grade 5, 1/2" |
| 5 | 704646 | 1 | Side Sheet, LH 1 87909 Cap Screw, Hex Head, Grade 5, 1/2" x 1" 1 80700 Washer, 1/2" 1 80679 Lockwasher, 1/2" 1 280431 Nut, Grade 5, 1/2" |
| 6 | 709177 | 1 | Support, RH |
| 7 | 709178 | 1 | Support, LH |
| 8 | 184118 | 1 | Tilt Section Assembly 2 88543 Cap Screw, Hex Head, Grade 5, 5/16" x 1" 2 280736 Locknut, Grade C, 5/16" |
| 9 | 716407 | 2 | Block 2 88546 Cap Screw, Hex Head, Grade 5, 3/8" x 2 1/4" |
| 10 | 132673 | 1 | Plate 8 84909 Machine Screw, Truss Head, 1/4" x 3/4" 8 80701 Washer, 1/4" 8 80682 Lockwasher, 1/4" 8 84942 Nut, 1/4" |
| 11 | 709221 | 1 | Shift Lever Weld Assembly 3 88436 Cap Screw, Hex Head, Grade 5, 3/8" x 2" 3 80680 Lockwasher, 3/8" 3 84944 Nut, 3/8" |
| 12 | 716408 | 1 | Shield 4 87872 Cap Screw, Hex Head, Grade 5, 5/16" x 3/4" 4 80664 Washer, 5/16" 4 80681 Lockwasher, 5/16" 4 84943 Nut, 5/16" |
| 13 | 185350 | 1 | Hand Grip |
| 14 | 704640 | 2 | Strap Weld Assembly |

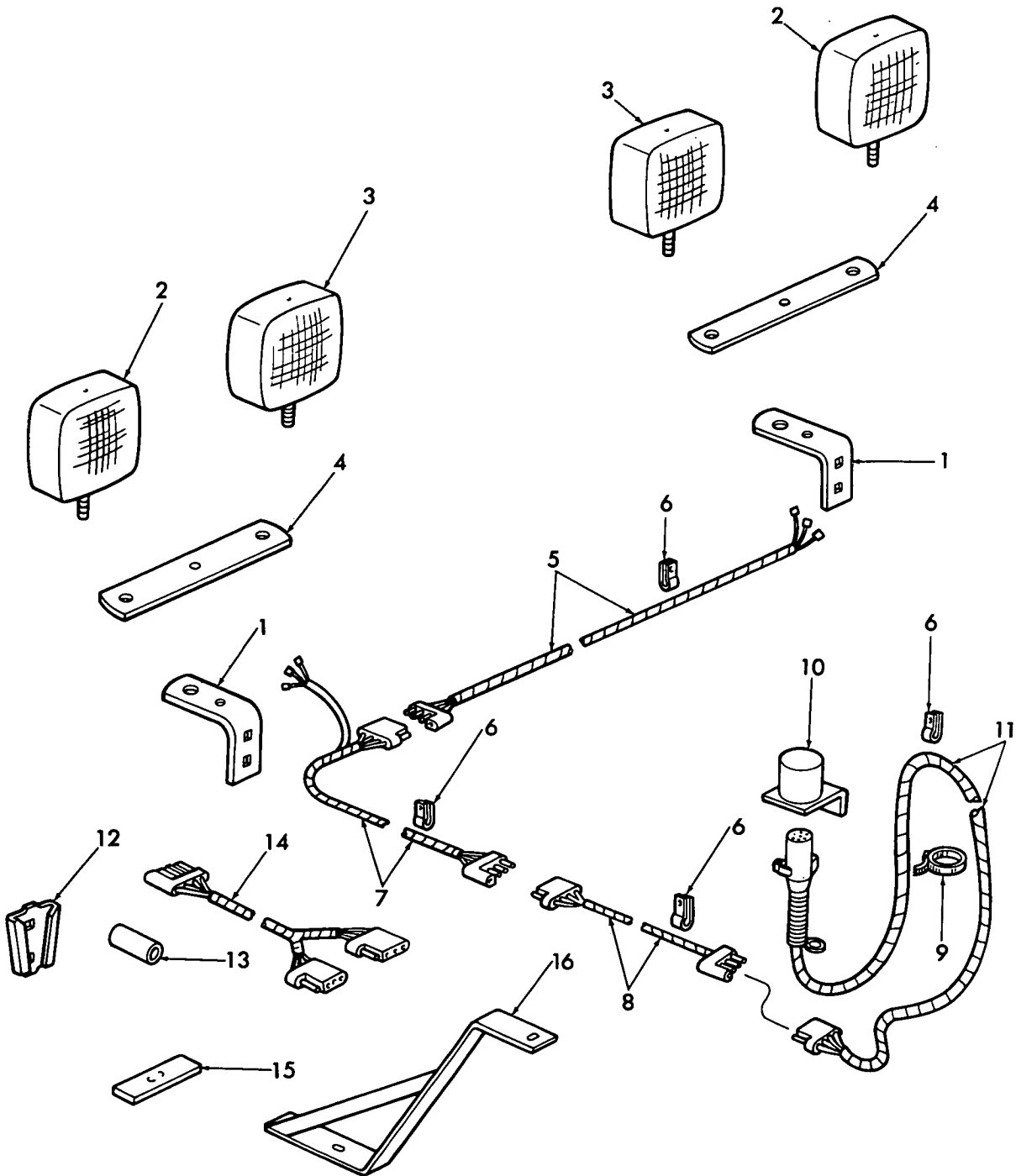
MODEL 790 FORAGE HARVESTER
ATTACHMENTS
AUTOMATIC HITCH KIT



MODEL 790 FORAGE HARVESTER
 ATTACHMENTS
 AUTOMATIC HITCH KIT

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 218409 | 1 | Automatic Hitch Kit Automatic Hitch Assembly (Includes Ref. Nos. 8 thru 13) 2 88551 Cap Screw, Hex Head, Grade 5, 1/2" x 1 3/4" 1 88693 Cap Screw, Hex Head, Grade 5, 5/8" x 2 3/4" 2 80700 Washer, 1/2" 1 80299 Washer, 5/8" 2 88871 Locknut, Grade C, 1/2" 1 47832 Locknut, Grade B, 5/8" |
| 2 | 602685 | 1 | Spacer 1 88551 Cap Screw, Hex Head, Grade 5, 1/2" x 1 3/4" 1 80700 Washer, 1/2" 1 88871 Locknut, Grade C, 1/2" |
| 3 | 28114 | 5 | "U" Bolt 10 88859 Lockwasher, 3/16" 10 87304 Nut, 3/16" |
| 4 | 28110 | 5 | Rope Guide |
| 5 | 762068 | 1 | Rope |
| 6 | 718832 | 2 | Bracket and Grommet Assembly (Includes Ref. No. 6A) 1 88206 Cap Screw, Hex Head, 3/8" x 1" 1 87337 Cap Screw, Hex Head, Grade 5, 3/4" x 3" 1 84239 Washer, 3/4" 1 80680 Lockwasher, 3/8" 1 280375 Locknut, Grade C, 3/4" 1 84944 Nut, 3/8" |
| 6A | 00709 | 2 | Grommet |
| 7 | 178493 | 1 | Spacer |
| 8 | 213736 | 1 | Hitch Weld Assembly |
| 9 | 213744 | 1 | Plate 1 87395 Cotter Pin, 1/8" x 1 1/4" |
| 10 | 26301 | 1 | Washer, Special |
| 11 | 213737 | 1 | Block |
| 12 | 37193 | 1 | Spring |
| 13 | 181662 | 2 | Eyebolt 4 84969 Hex Jam Nut, 3/8" |
| 14 | 627807 | 3 | Clip |

MODEL 790 FORAGE HARVESTER
ATTACHMENTS
TRAILING LIGHT KIT



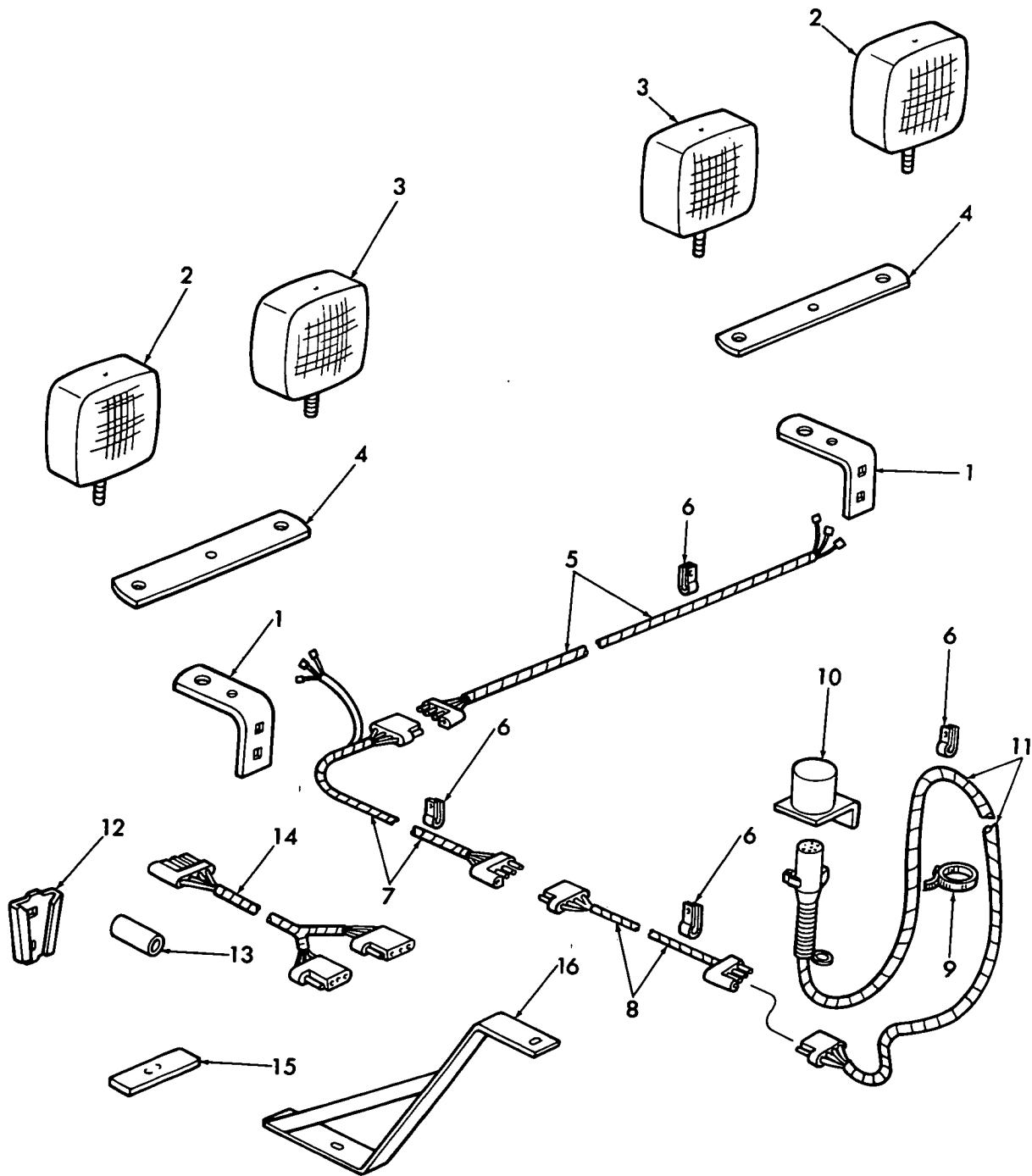
MODEL 790 FORAGE HARVESTER
 ATTACHMENTS
 TRAILING LIGHT KIT

| Ref. No. | Part No. | No. Used | Description |
|----------|--------------------------------------|-------------------|---|
| 1 | 9611464 | 2 | Lamp Bracket 4 570821 Self-Tapping Screw, Hex Washer Head° 5/16" x 5/8" |
| 2 | 608852 | 2 | Lamp, Double Face, Amber 2 80679 Lockwasher, 1/2" 2 80700 Washer, 1/2" 2 280963 Nut, Grade 5, 1/2" 4 853710 Lens, Amber 2 529068 Lamp, Bulb 2 853709 Gasket 2 80664 Flat Washer, 5/16" 2 80681 Lockwasher, 5/16" 2 145458 Nut, Flange, USR, 5/16" |
| 3 | 608851 | 2 | Lamp, Double Face, Red 2 80679 Lockwasher, 1/2" 2 80700 Washer 1/2" 2 280963 Nut, Grade 5, 1/2" 2 853711 Lens, Red 2 853710 Lens, Amber 2 529068 Lamp, Bulb 2 853709 Gasket 2 80664 Flat Washer, 5/16" 2 80681 Lockwasher, 5/16" 2 145458 Nut, Flange, USR, 5/16" |
| 4 | 9611465 | 2 | Bracket |
| 5 | 9612080 | 1 | Wire Harness 1 145913 Self-Locking Screw, Hex Washer Head, 5/16" x 3/4" 1 145458 Nut, Flange, USR, 5/16" |
| 6 | 134577 237980 576020 627040 | 5 1 4 21 | "J" Clamp Clamp .44 x .26 Bolt Clamp Clamp .38 x .38 Bolt |
| 7 | 9612079 | 1 | Wire Harness AR 145913 Self-Locking Screw, Hex Washer Head, 5/16" x 3/4" AR 145458 Nut, Flange, USR, 5/16" 2 570821 Self-Tapping Screw, Hex Washer Head, 5/16" x 5/8" |
| 8 | 9612727 | 1 | Wire Harness AR 714555 Self-Locking Screw, Hex Washer Head, 5/16" x 3/4" AR 247780 Nut, Flange, USR, 3/8" 1 627040 Clamp, 3/8" AR 80664 Washer .31 NA2031 AR 88346 Cap Screw Hex Head, Grade 5, .31 x 2.50 NA2024 AR 88544 Cap Screw Hex Head, Grade 5, .31 x 2.00 NA2024 AR 523282 Nut, Flange, USR, 1/4" 1 570821 Self-Tapping Screw, Hex Washer Head, 5/16" x 5/8" 1 145458 Nut, Flange, USR, 5/16" |
| 9 | 263117 594116 | 12 2 | Cable Tie Plastic Band |
| 10 | 9611467 | 1 | Plug Holder 2 677808 Self-Tapping Screw, Hex Washer Head, USR, 1/4" x 5/8" |

AR - As Required

CONTINUED

MODEL 790 FORAGE HARVESTER
ATTACHMENTS
TRAILING LIGHT KIT (CONTINUED)



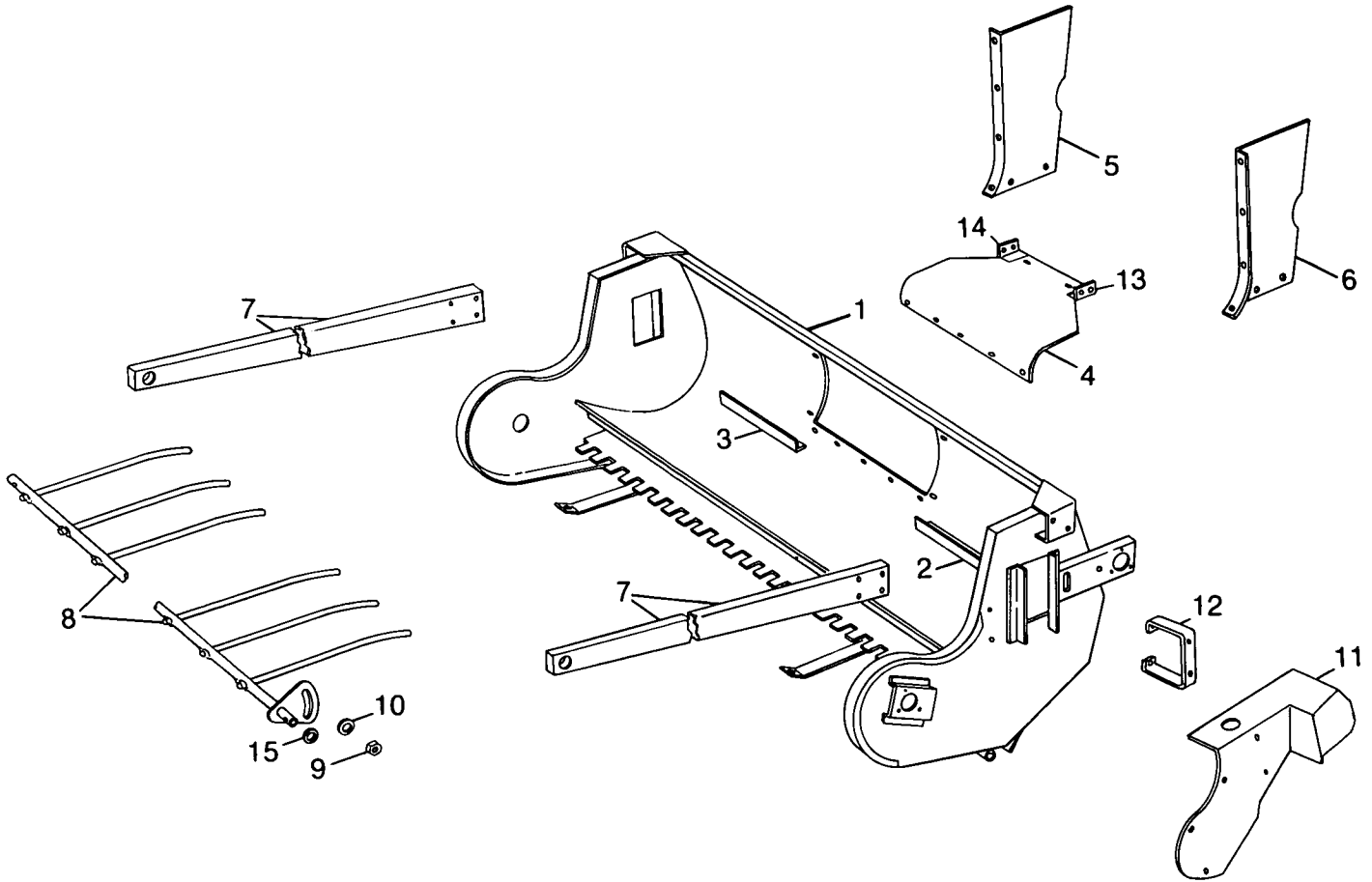
MODEL 790 FORAGE HARVESTER
ATTACHMENTS
TRAILING LIGHT KIT (CONTINUED)

| Ref. No. | Part No. | No. Used | Description |
|----------|------------|----------|--------------------------|
| 11 | 794009 | 1 | Wire Harness |
| 12 | * 847590 | 2 | Socket Assembly |
| 13 | * 846671 | 1 | Spacer |
| 14 | ** 9616365 | 1 | Wire Harness Y Connector |
| 15 | * 621326 | 4 | Pad |
| 16 | * 9616272 | 2 | Bracket W.A. |

* These Parts are included in the Trailing Light Kit so the kit can be adapted to various models across all product lines.

** Needed on some models to run light kit wire harness along both sides of unit.

MODEL 790W PICK-UP
MAIN FRAME GROUP

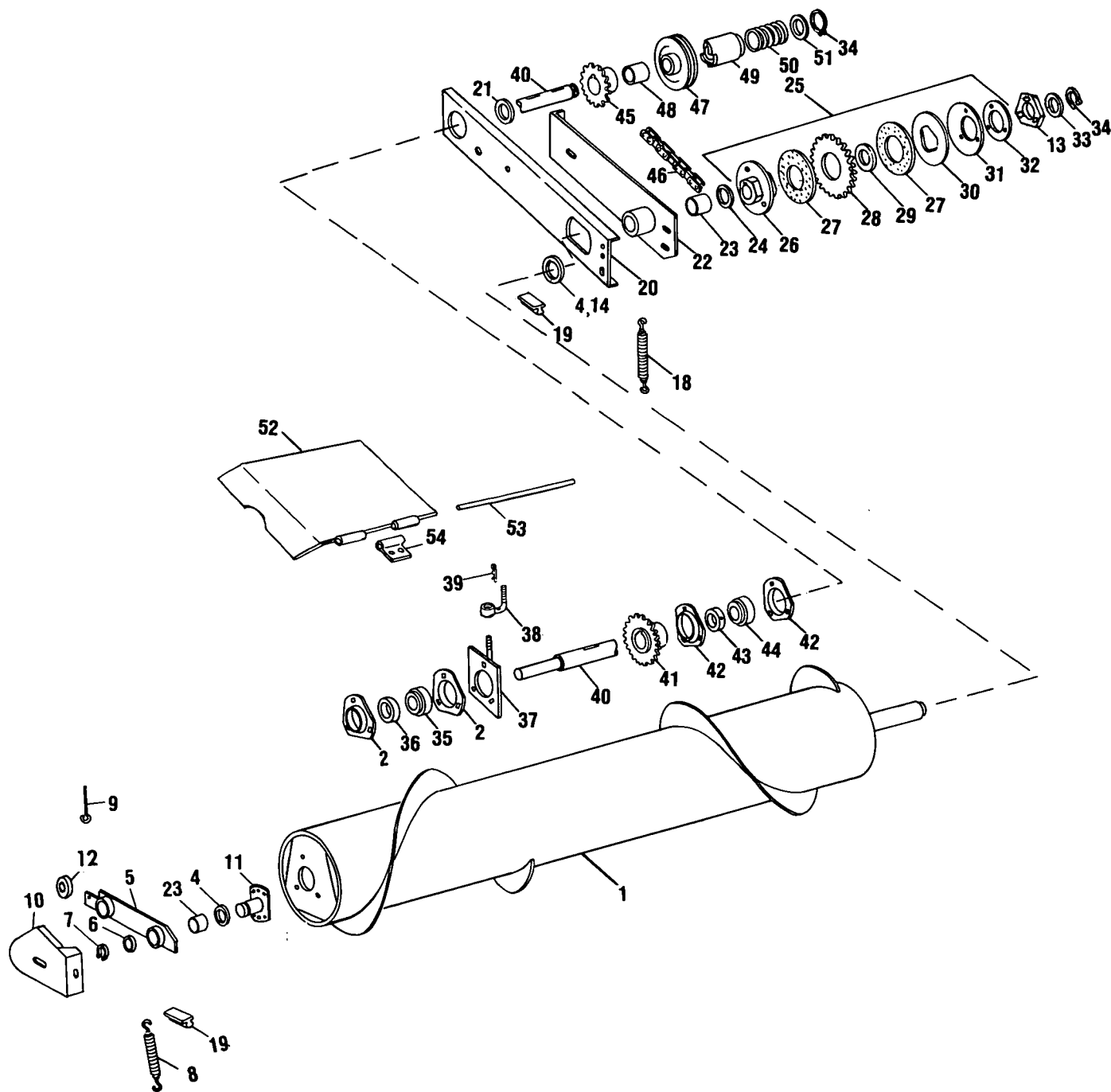


MODEL 790W PICK-UP
MAIN FRAME GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 787021 | 1 | Main Frame W.A. |
| 2 | 703999 | 1 | Auger Stripper Angle, Left |
| | | 2 | 88639 Bolt, Rd. Hd. Short Sq. Neck Gr. 5, 3/8" x 3/4" |
| | | 2 | 80680 Lockwasher, 3/8" |
| | | 2 | 84944 Nut, 3/8" |
| 3 | 787208 | 1 | Auger Stripper Angle, Right |
| | | 2 | 88639 Bolt, Rd. Hd. Short Sq. Neck Gr. 5, 3/8" x 3/4" |
| | | 2 | 80680 Lockwasher, 3/8" |
| | | 2 | 84944 Nut, 3/8" |
| 4 | 703997 | 1 | Sheet, Bottom |
| | | 5 | 280497 Bolt Rd. Hd. Short Sq. Neck Gr. 5, 5/16" x 3/4" |
| | | 5 | 145458 Locknut, USR, 5/16" |
| 5 | 703996 | 1 | Side Sheet, Right |
| | | 1 | 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" |
| | | 1 | 213404 Spacer |
| | | 5 | 280503 Bolt, Rd. Hd., Sh. Sq. Neck, Grade 5, 3/8" x 1" |
| | | 5 | 247780 Locknut, USR, 3/8" |
| 6 | 703995 | 1 | Side Sheet, Left |
| | | 1 | 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" |
| | | 1 | 213404 Spacer |
| | | 4 | 280503 Bolt, Rd. Hd., Sh. Sq. Neck, Grade 5, 3/8" x 1" |
| | | 4 | 247780 Locknut, USR, 3/8" |
| 7 | 786053 | 2 | Arm W.A. |
| | | 2 | 87909 Cap Screw, Hex Head, Grade 5, 1/2" x 1" |
| | | 4 | 87974 Cap Screw, Hex Head, Grade 5, 1/2" x 2 3/4" |
| | | 4 | 88871 Locknut, Grade C, 1/2" |
| | | 6 | 143479 Washer, Special |
| 8 | 851850 | 1 | Windguard W.A. --- Replaces 786056 |
| 9 | 44612 | 2 | Spacer |
| | | 2 | 88011 Cap Screw, Hex Head, Grade 5, 3/8" x 1 1/4" |
| | | 2 | 80680 Lockwasher, 3/8" |
| | | 2 | 84944 Nut, 3/8" |
| 10 | 9801065 | 2 | Washer, Special --- Replaces 34187 |
| 11 | 705789 | 1 | Shield W.A. |
| | | 5 | 523292 Lockscrew, USR, 1/4" x 3/4" |
| 12 | 705787 | 1 | Bracket W.A. |
| | | 2 | 88639 Bolt, Rd. Hd. Short Sq. Neck Gr. 5, 3/8" x 3/4" |
| | | 2 | 80680 Lockwasher, 3/8" |
| | | 2 | 84944 Nut, 3/8" |
| 13 | 704027 | 1 | Angle, L.H. |
| | | 2 | 280497 Bolt Rd. Hd. Short Sq. Neck Gr. 5, 5/16" x 3/4" |
| | | 1 | 88639 Bolt, Rd. Hd. Short Sq. Neck Gr. 5, 3/8" x 3/4" |
| | | 2 | 145458 Locknut, USR, 5/16" |
| | | 1 | 247780 Locknut, USR, 3/8" |
| 14 | 704028 | 1 | Angle, R.H. |
| | | 2 | 280497 Bolt Rd. Hd. Short Sq. Neck Gr. 5, 5/16" x 3/4" |
| | | 1 | 88639 Bolt, Rd. Hd. Short Sq. Neck Gr. 5, 3/8" x 3/4" |
| | | 2 | 145458 Locknut, USR, 5/16" |
| | | 1 | 247780 Locknut, USR, 3/8" |
| 15 | 9800957 | 3 | Washer --- Replaces 33112 |

127567 Decal Set for 790W Pick-Up

MODEL 790W PICK-UP
 AUGER AND AUGER DRIVE GROUP



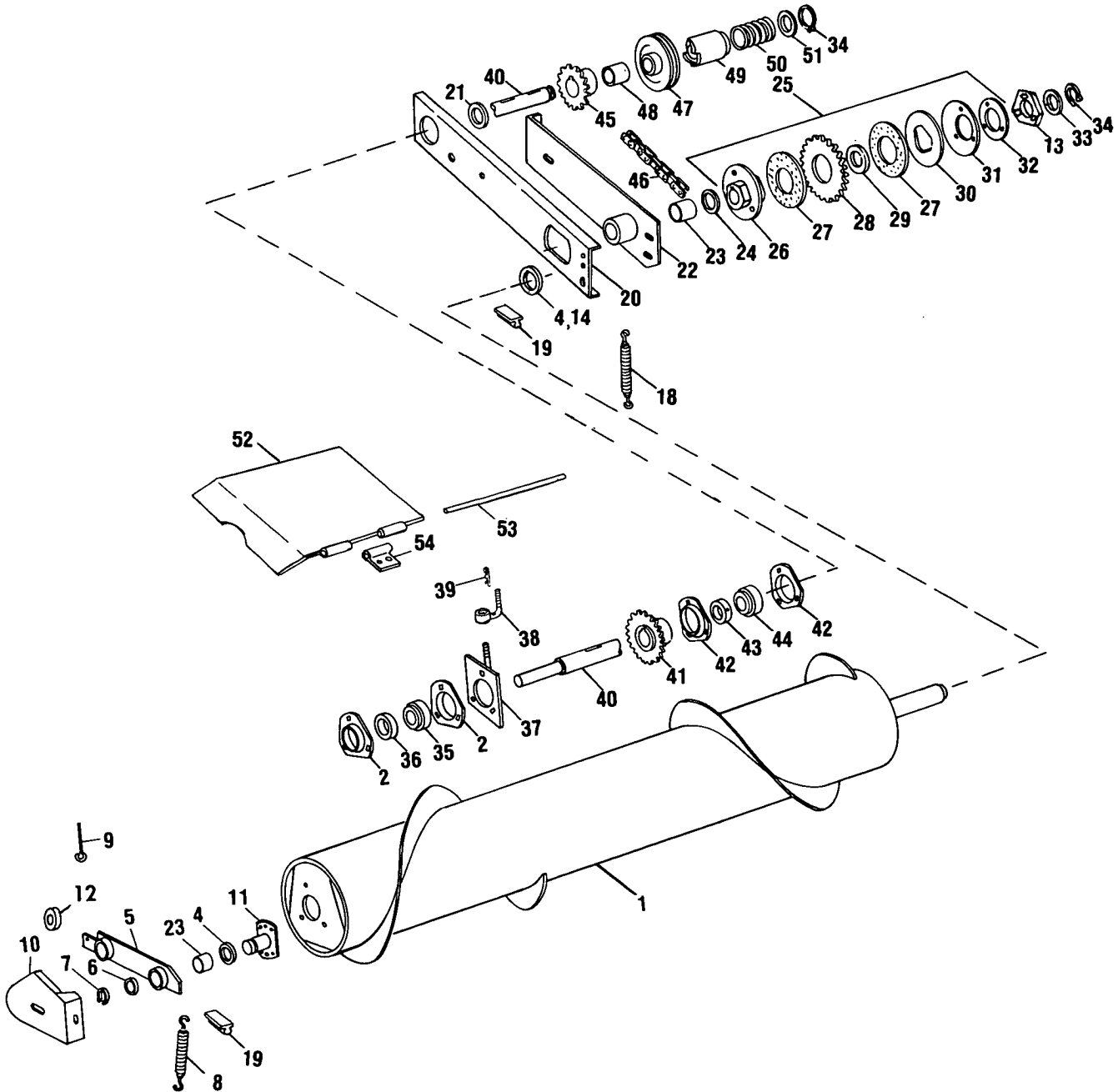
MODEL 790W PICK-UP
AUGER AND AUGER DRIVE GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 785952 | 1 | Auger Weld Assembly |
| 2 | 43056 | 2 | Bearing Flange |
| | | 3 | 280497 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 3/4" |
| | | 3 | 80681 Lockwasher, 5/16" |
| | | 3 | 84943 Nut, 5/16" |
| 4 | 146258 | AR | Washer |
| 5 | 785943 | 1 | Arm Weld Assembly (Includes Ref. No. 23) |
| 6 | 64972 | 1 | Washer |
| 7 | 244638 | 1 | Retaining Ring |
| 8 | 575988 | 1 | Spring |
| 9 | 46041 | 1 | Eye Bolt |
| | | 2 | 84944 Nut, 3/8" |
| 10 | 795165 | 1 | Shield |
| | | 2 | 145913 Lockscrew, USR, 5/16" x 3/4" |
| 11 | 785956 | 1 | Shaft Weld Assembly |
| | | 3 | 87689 Cap Screw, Hex Head, Grade 5, 5 1/2" x 1 1/2" |
| | | 3 | 80679 Lockwasher, 3/8" |
| 12 | 43458 | 1 | Washer |
| | | 1 | 88955 Carriage Bolt, Grade 5, 1/2" x 2 3/4" |
| | | 1 | 88871 Locknut, Grade C, 1/2" |
| 13 | 707372 | 1 | Bracket |
| 14 | 28781 | 1 | Spacer |
| 18 | 43295 | 1 | Spring, Auger Holddown |
| 19 | 216328 | 2 | Bumper |
| 20 | 122616 | 1 | Channel Weld Assembly |
| | | 1 | 80983 Set Screw, Square Head, Cup Point 3/8" x 2" |
| | | 1 | 84969 Hex Jam Nut, 3/8" |
| 21 | 124150 | 1 | Washer, Special |
| | | 1 | 87909 Cap Screw, Hex Head, Grade 5, 1/2" x 1" |
| | | 1 | 88871 Locknut, Grade C, 1/2" |
| 22 | 122617 | 1 | Bearing Bracket W.A. (Includes Ref. 23 Bushing) |
| | | 1 | 87659 Grease Fitting, Self-Tapping, 1/4"-28, 45° |
| | | 2 | 88434 Cap Screw, Hex Head, 3/8" x 3/4" |
| | | 1 | 88206 Cap Screw, Hex Head, 3/8" x 1" |
| | | 3 | 80702 Washer, 3/8" |
| | | 1 | 80680 Lockwasher, 3/8" |
| | | 2 | 88902 Locknut, Grade 5, 3/8" |
| 23 | 27639 | 4 | Bushing |
| 24 | 27696 | AR | Washer, Spacer |
| 25 | 122619 | 1 | Slip Clutch Assembly (Includes Ref. Nos. 26 thru 32) |
| | | 1 | 87053 Woodruff Key, #127, 1/4" x 2 1/8" |
| 26 | 122672 | 1 | Clutch Hub |
| 27 | 127434 | 2 | Friction Disc |
| 28 | 49842 | 1 | Sprocket, 33 Teeth (Includes Ref. 29) |
| | 138340 | 1 | Sprocket, 38 Teeth (Includes Ref. 29) (Optional) |
| 29 | 49686 | 1 | Bushing |
| 30 | 49683 | 1 | Clutch Plate |
| 31 | 121092 | 1 | Spring Washer |
| 32 | 126287 | 1 | Washer, Special |
| | | 3 | 88011 Cap Screw, Hex Head, 3/8" x 1 1/4" |
| 33 | 48360 | AR | Washer, Special |
| 34 | 40974 | 2 | Retaining Ring |
| 35 | 574844 | 1 | Bearing |

AR - As Required

CONTINUED

MODEL 790W PICK-UP
AUGER AND AUGER DRIVE GROUP (CONTINUED)

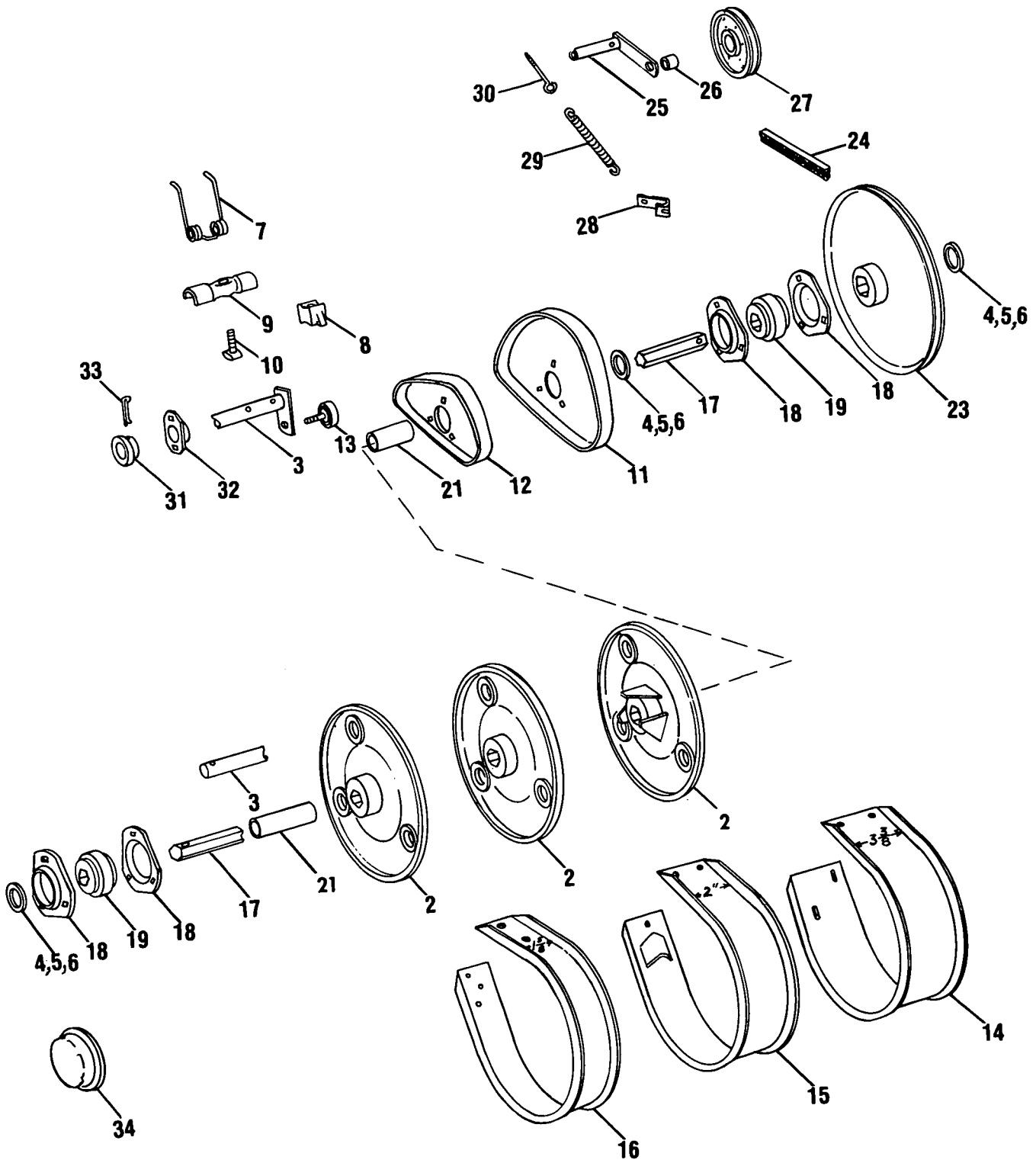


MODEL 790W PICK-UP
AUGER AND AUGER DRIVE GROUP (CONTINUED)

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 36 | 38260 | 1 | Collar |
| 37 | 710696 | 1 | Bearing Plate Weld Assembly |
| 38 | 710694 | 1 | Handle Weld Assembly |
| 39 | 37851 | 1 | Hairpin Cotter |
| 40 | 122624 | 1 | Shaft |
| 41 | 225506 | 1 | Sprocket and Hub Weld Assembly 27 Tooth |
| | | | 1 84241 Woodruff Key, #D, 5/16" x 1 1/4" |
| | | | 1 87616 Set Screw, Square Head, Cup Point, 3/8" x 3/4" |
| | | | 1 84969 Hex Jam Nut, 3/8" |
| 42 | 43048 | 2 | Bearing Flange |
| | | | 3 88703 Cap Screw, Hex Head, Grade 5, 3/8" x 5/8" |
| | | | 3 80680 Lockwasher, 3/8" |
| 43 | 38767 | 1 | Collar w/Set Screw |
| | | | 1 80429 Set Screw, Hex Socket, Cup Point, 5/16" x 5/16" |
| 44 | 38766 | 1 | Bearing |
| 45 | 792647 | 1 | Sprocket and Hub W.A., 24 Teeth, RC 50 |
| | 792644 | 1 | Sprocket and Hub W.A., 20 Teeth, RC 50 (Optional) |
| | | | 1 84361 Woodruff Key, #21, 1/4" x 1 1/4" |
| | | | 1 88274 Set Screw, Square Head, Cup Point, 3/8" x 1" |
| | | | 1 84969 Jam Nut, 3/8" |
| 46 | 645435 | 1 | Drive Chain Assembly, RC 50, 72 Pitches |
| | | | AR 25805 Roller Link, RC 50 |
| | | | AR 42472 Connector Link, RC 50 |
| | | | AR 25816 Offset Link, RC 50 |
| 47 | 122615 | 1 | Sheave Clutch & Bearing Assembly (Includes Ref. #48 Bushing) |
| 48 | 44776 | 1 | Bushing |
| 49 | 122625 | 1 | Clutch |
| | | | 1 87414 Grease Fitting, Straight, Self-Tapping, 1/4"-28 |
| | | | 1 46166 Key, Special, Woodruff Hypro |
| 50 | 33486 | 1 | Clutch Spring |
| 51 | 00675 | AR | Washer, Special |
| 52 | 712612 | 1 | Shield W.A. (Includes Ref. Nos. 53 and 54) |
| | | | 2 87255 Machine Screw, Truss Head, 5/16" x 5/8" |
| | | | 1 80701 Washer, 1/4" |
| | | | 2 145458 Locknut, USR, 5/16" |
| | | | 1 84878 Wing Nut, 1/4" |
| 53 | N.S.S. | 1 | Hinge Pin |
| 54 | N.S.S. | 1 | Hinge |
| | | | 2 87255 Machine Screw, Truss Head, 5/16" x 5/8" |
| | | | 2 80681 Lockwasher, 5/16" |
| | | | 2 84943 Hex Nut, 5/16" |

AR - As Required
N.S.S. - Not Serviced Separately

MODEL 790W PICK-UP
PICK-UP AND PICK-UP DRIVE GROUP

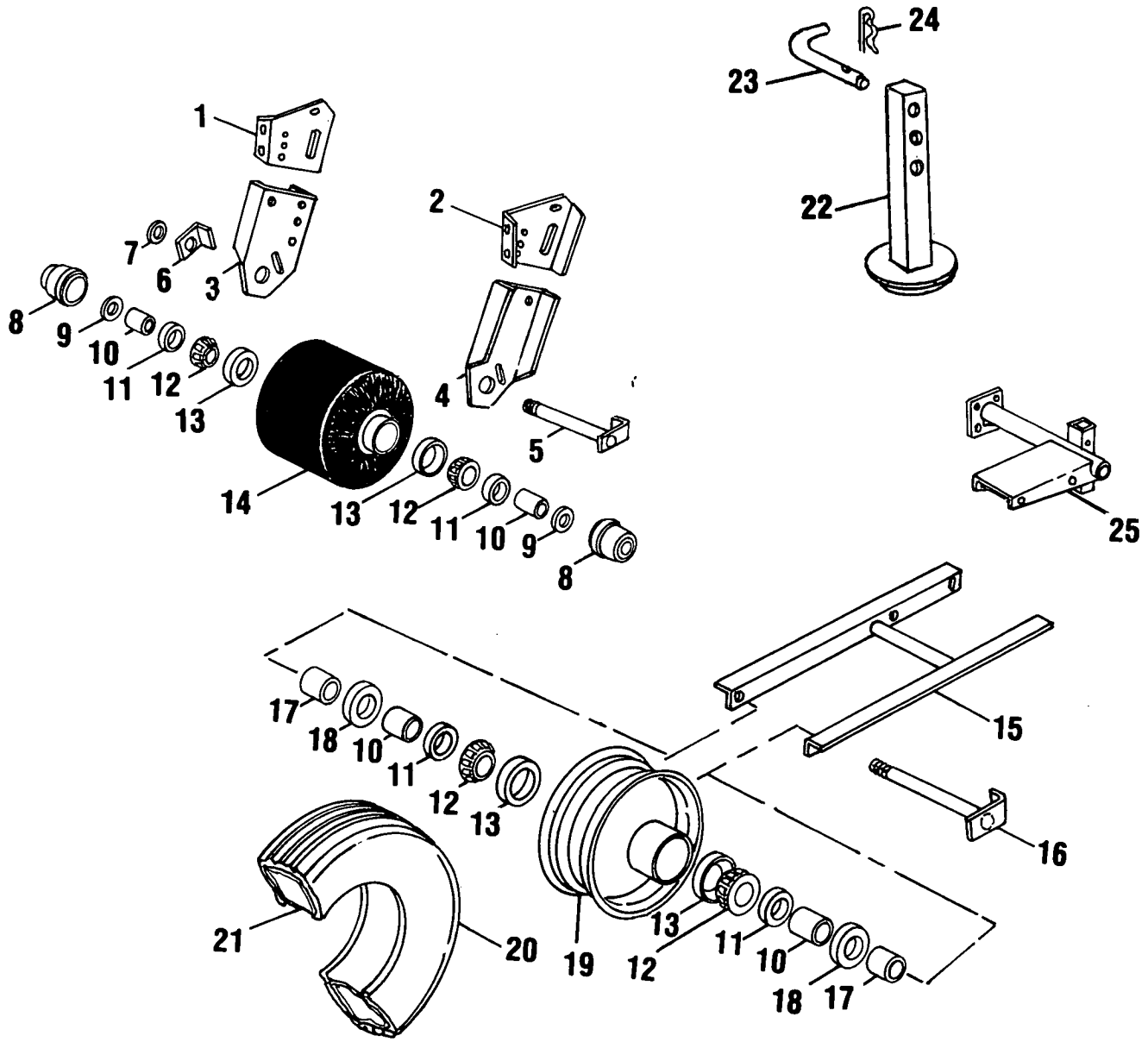


MODEL 790W PICK-UP
PICK-UP AND PICK-UP DRIVE GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 2 | 134532 | 3 | Disc W.A. 6 88019 Set Screw, Square Head, Cup Point, 5/16" x 3/4" 6 84968 Hex Jam Nut, 5/16" |
| 3 | 219796 | 3 | Tooth Pipe W.A. |
| 4 | 00672 | AR | Washer, .031"(.787mm) Thk. |
| 5 | 00673 | AR | Washer, .060"(1.524mm) Thk. |
| 6 | 00674 | AR | Washer, .125"(3.175mm) Thk. |
| 7 | 131673 | 36 | Pick-Up Finger |
| 8 | 136137 | 36 | Spacer, Tooth |
| 9 | 134921 | 36 | Bracket, Pick-Up Tooth |
| 10 | 130891 | 36 | Bolt 36 280736 Locknut, Grade C, 5/16" |
| 11 | 136736 | 1 | Cam, Outer |
| 12 | 136735 | 1 | Cam, Inner 3 280503 Bolt, Round Head, Short Square Neck, 3/8" x 1" 3 80680 Lockwasher, 3/8" 3 84944 Nut, 3/8" |
| 13 | 249062 | 3 | Cam Follower 3 88130 Locknut, 1/2" UNF 6 87364 Washer, 1/2" SAE |
| 14 | 692733 | 1 | Pick-Up Guard, Left 2 280857 Screw, Self-Tapping Hex Hd. Gr. 5, 5/16" x 1/2" |
| 15 | 134526 | 23 | Guard 92 280857 Screw, Self-Tapping Hex Hd. Gr. 5, 5/16" x 1/2" |
| 16 | 225509 | 1 | Pick-Up Guard, Right 2 280857 Screw, Self-Tapping Hex Hd. Gr. 5, 5/16" x 1/2" |
| 17 | 258961 | 1 | Shaft - 73 3/8" Long (1864.2mm) 2 87398 Cotter Pin, 3/16" x 1 1/4" |
| 18 | 43056 | 4 | Bearing Flange 3 87872 Cap Screw, Hex Head, Grade 5, 5/16" x 3/4" 3 88992 Bolt, Round Head, Short Square Neck, 5/16" x 1" 6 80681 Lockwasher, 5/16" 6 84943 Nut, 5/16" |
| 19 | 50775 | 2 | Bearing, Hex Bore |
| 21 | 126289 | 2 | Spacer, Shaft |
| 23 | 225511 | 1 | Sheave W.A. |
| 24 | 129696 | 1 | "V" Belt |
| 25 | 129630 | 1 | Idler Arm W.A. 1 87398 Cotter Pin, 3/16" x 1 1/4" |
| 26 | 87364 | 5 | Washer, 1/2" SAE |
| 27 | 126027 | 1 | Idler Assembly 1 87974 Cap Screw, Hex Head, Grade 5, 1/2" x 3/4" 1 80679 Lockwasher, 1/2" 1 84970 Jam Nut, 1/2" |
| 28 | 65939 | 1 | Clamp 1 280879 Carriage Bolt, 3/8" x 2" 1 80702 Washer, 3/8" 1 80680 Lockwasher, 3/8" 1 84944 Nut, 3/8" |
| 29 | 34490 | 1 | Spring |
| 30 | 36835 | 1 | Eye Bolt 2 84944 Nut, 3/8" |
| 31 | 54770 | 3 | Bearing |
| 32 | 54695 | 3 | Bearing Carrier 6 88639 Bolt Round Hd. Short Sq. Neck Gr. 5, 3/8"x 3/4" 6 80680 Lockwasher, 3/8" 6 84944 Nut, 3/8" |
| 33 | 136521 | 3 | Cotter Pin, Hardened |
| 34 | 41894 | 1 | Cap 3 87872 Cap Screw, Hex Head, 5/16" x 3/4" 3 80664 Washer, 5/16" 3 80681 Lockwasher, 5/16" |

AR - As Required

MODEL 790W PICK-UP
WHEEL AND ROLLER BUNDLE

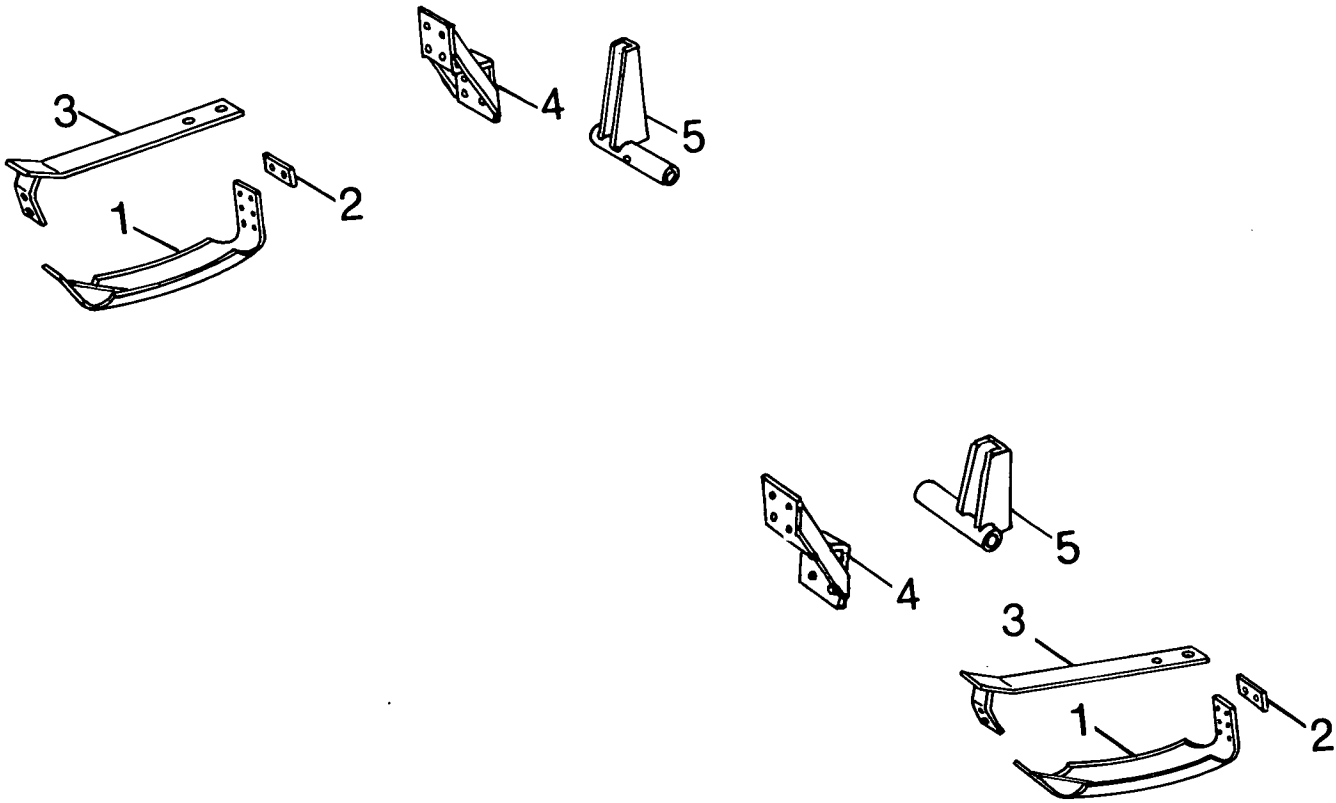


MODEL 790W PICK-UP
WHEEL AND ROLLER BUNDLE

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 1 | 786547 | 1 | Bracket, R.H. 2 87670 Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/4" AR 64263 Washer AR 36823 Shim 2 143479 Washer, Hardened |
| 2 | 786546 | 1 | Bracket, L.H. 2 87670 Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/4" AR 64263 Washer AR 36823 Shim 2 143479 Washer, Hardened |
| 3 | 762537 | 1 | Bearing Mount, L.H. 2 87689 Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/2" 2 143479 Washer, Special 2 280431 Nut, Grade 5, 1/2" |
| 4 | 762538 | 1 | Bearing Mount, R.H. 2 87689 Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/2" 2 143479 Washer, Special 2 280431 Nut, Grade 5, 1/2" |
| 5 | 772352 | 1 | Shaft W.A. 1 603373 Slotted Jam Nut 1 87400 Cotter Pin, 3/16" x 2" |
| 6 | 773052 | 1 | Tab |
| 7 | 26129 | AR | Washer |
| 8 | 772305 | 2 | Hub 2 87414 Lube Fitting, 1/4"-28 |
| 9 | 245532 | AR | Washer |
| 10 | 612121 | 4 | Spacer |
| 11 | 136376 | 4 | Seal |
| 12 | 132710 | 4 | Bearing Cone |
| 13 | 132709 | 4 | Bearing Cup |
| 14 | 762422 | 1 | Roller |
| 15 | 699954 | 1 | Angle W.A. 2 280831 Cap Screw, Hex Head, Grade 5, 1/2" x 8" 4 143479 Washer, Special 2 280431 Nut, Grade 5, 1/2" |
| 16 | 289668 | 1 | Shaft W.A. 1 603373 Slotted Jam Nut 1 87400 Cotter Pin, 3/16" x 2" AR 26402 Washer |
| 17 | 76165 | 2 | Hub |
| 18 | 612120 | 2 | Cover |
| 19 | 136377 | 1 | Wheel |
| 20 | 36255 | 1 | Tire, 4.00-8, Smooth Tread, 4 Ply |
| 21 | 25447 | 1 | Tube, 4.00-8 (Purchase Locally) |
| 22 | 765635 | 1 | Stand W.A. |
| 23 | 28267 | 1 | Pin |
| 24 | 37851 | 1 | Hairpin Cotter |
| 25 | 786739 | 1 | Channel W.A. 4 88062 Cap Screw, Hex Head, Grade 5, 5/8" x 1 1/2" 4 130358 Washer, Special |

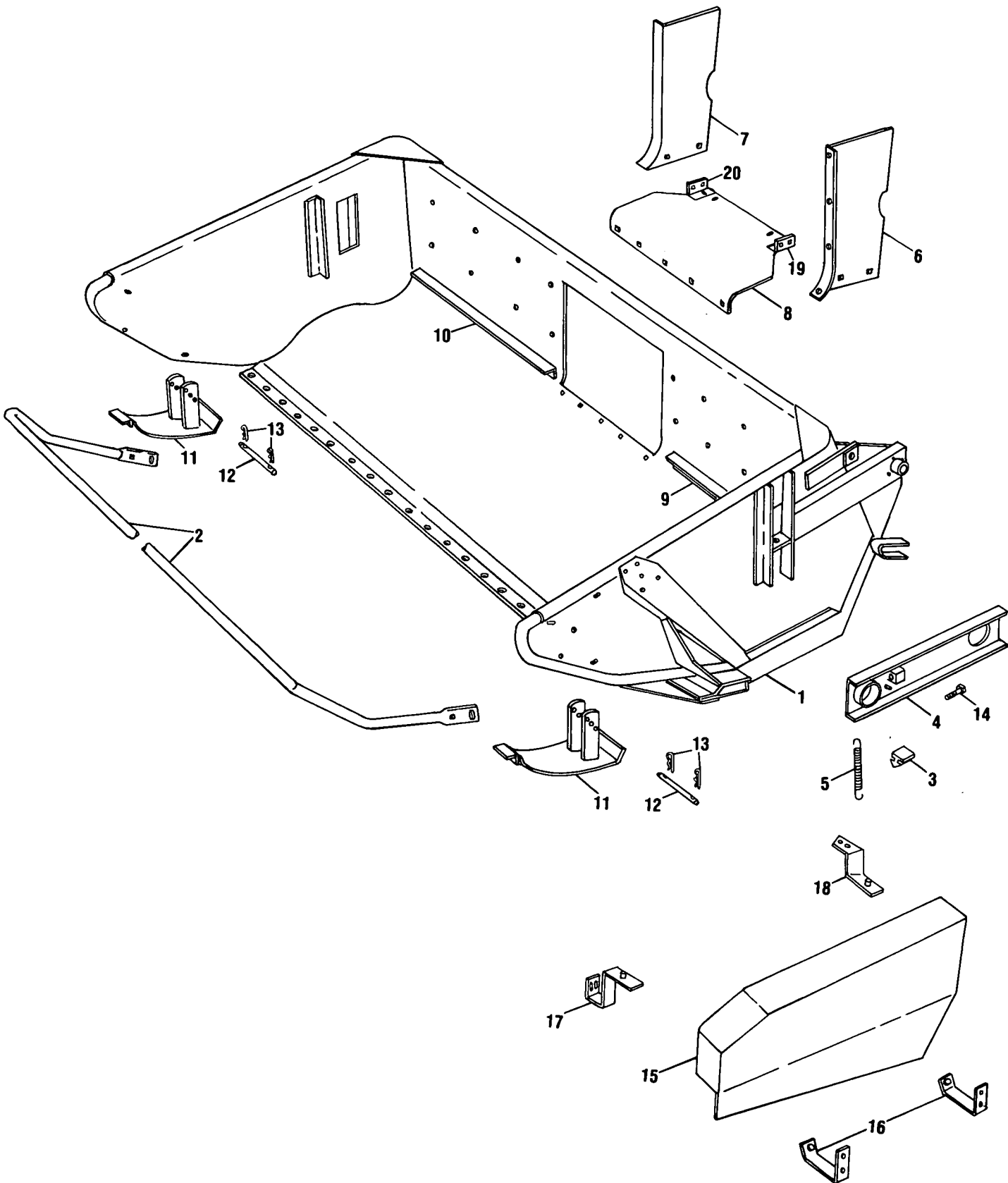
AR - As Required

MODEL 790W PICK-UP
SKID SHOE GROUP



| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 225508 | 2 | Shoe W.A. 4 88011 Cap Screw, Hex Head, Grade 5, 3/8" x 1 1/4" 2 87670 Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/4" 4 80680 Lockwasher, 3/8" 4 84944 Nut, 3/8" 2 88871 Locknut, Grade C, 3/8" |
| 2 | 52387 | 2 | Pad |
| 3 | 224165 | 2 | Strap W.A. 4 280146 Self-Tapping Screw, Hex Head, 5/16" x 1" 2 88044 Cap Screw, Hex Head, Grade 5, 3/8" x 1 1/2" 4 80681 Lockwasher, 5/16" 2 80680 Lockwasher, 3/8" 2 84944 Nut, 3/8" |
| 4 | 786743 | 2 | Support W.A. 8 87670 Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/4" 8 80679 Lockwasher, 1/2" |
| 5 | 786548 | 2 | Channel W.A. 4 87670 Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/4" 4 87364 Washer, 1/2" SAE 4 80679 Lockwasher, 1/2" |

MODEL 717S SICKLE BAR
MAIN FRAME, GUIDES, SHOES, PUSH BAR AND GUARD GROUP



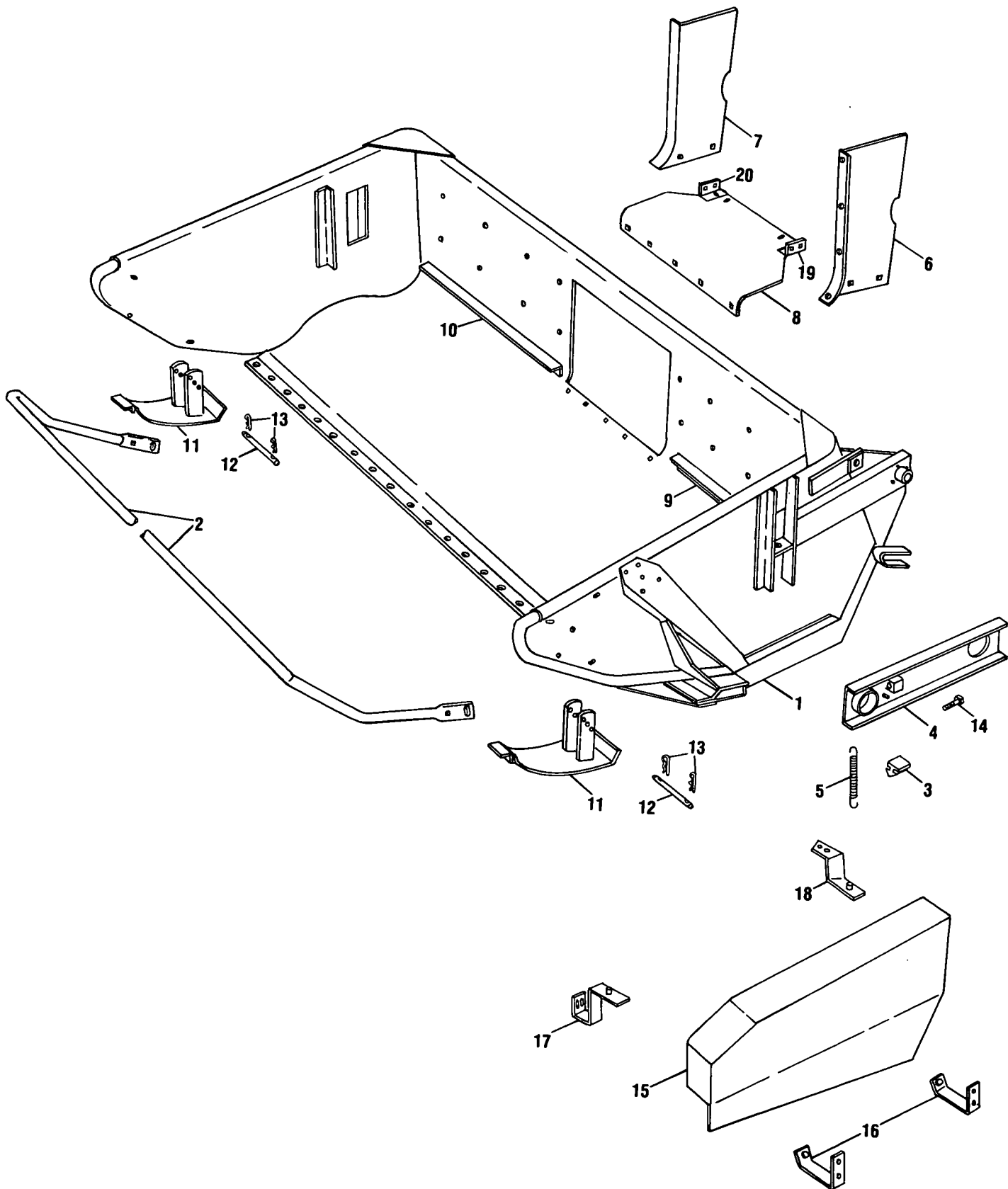
MODEL 717S SICKLE BAR
 MAIN FRAME, GUIDES, SHOES, PUSH BAR AND GUARD GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|------------|----------|--|
| 1 | 703781 | 1 | Main Frame Weld Assembly |
| | | | 1 87415 Lube Fitting, Self-Tapping, 1/4"-28, 90° |
| 2 | 122630 | 1 | Push Bar Weld Assembly |
| | | | 4 280503 Bolt, Round Head, Short Square Neck, Grade 5, 3/8" x 1" |
| | | | 4 80680 Lockwasher, 3/8" |
| | | | 4 84944 Nut, 3/8" |
| 3 | 216328 | 2 | Bumper |
| 4 | 122616 | 1 | Channel Weld Assembly |
| | | | 1 87569 Lube Fitting, Self-Tapping, 1/4"-28, 45° |
| 5 | 43295 | 1 | Spring |
| 6 | (a) 131374 | 1 | Crop Guide, LH |
| | (b) 703995 | 1 | Crop Guide, LH |
| | | | 4 280430 Carriage Bolt, Grade 5, 3/8" x 3/4" |
| | | | 2 280647 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 5/8" |
| | | | 4 87016 Washer, 3/8" |
| | | | 4 80680 Lockwasher, 3/8" |
| | | | 2 80681 Lockwasher, 5/16" |
| | | | 4 84944 Nut, 3/8" |
| | | | 2 84943 Nut, 5/16" |
| 7 | (a) 122632 | 1 | Crop Guide, RH |
| | (b) 703996 | 1 | Crop Guide, RH |
| | | | 3 88682 Carriage Bolt, Grade 5, 3/8" x 1" |
| | | | 2 280647 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 5/8" |
| | | | 3 280430 Carriage Bolt, Grade 5, 3/8" x 3/4" |
| | | | 4 87016 Washer, 3/8" |
| | | | 4 80680 Lockwasher, 3/8" |
| | | | 2 80681 Lockwasher, 5/16" |
| | | | 4 84944 Nut, 3/8" |
| | | | 2 84943 Nut, 5/16" |
| 8 | (a) 122633 | 1 | Sheet |
| | (b) 703997 | 1 | Sheet |
| | | | 5 280647 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 5/8" |
| | | | 5 80681 Lockwasher, 5/16" |
| | | | 5 84943 Nut, 5/16" |
| 9 | 703999 | 1 | Stripper Angle |
| | | | 3 88639 Bolt, Round Head, Short Square Neck, Grade 5, 3/8" x 3/4" |
| | | | 3 80680 Lockwasher, 3/8" |
| | | | 3 84944 Nut, 3/8" |
| 10 | 122635 | 1 | Stripper Angle |
| | | | 3 88639 Bolt, Round Head, Short Square Neck, Grade 5, 3/8" x 3/4" |
| | | | 3 80680 Lockwasher, 3/8" |
| | | | 3 84944 Nut, 3/8" |
| 11 | 121663 | 2 | Shoe Weld Assembly |
| 12 | 121766 | 2 | Pin |
| 13 | 37851 | 4 | Hair Pin Cotter |
| 14 | 80983 | 1 | Set Screw, Square Head, Cup Point, 3/8" x 2" |
| | | | 1 84969 Jam Nut, 3/8" |
| 15 | (b) 706883 | 1 | Shield Weld Assembly |
| | | | 4 80701 Washer, 1/4" |
| | | | 4 84878 Wing Nut, 1/4" |

(a) Used on and below Serial No. 287989
 (b) Used on and above Serial No. 287990

CONTINUED

MODEL 717S SICKLE BAR
MAIN FRAME, GUIDES, SHOES, PUSH BAR AND GUARD GROUP
(CONTINUED)



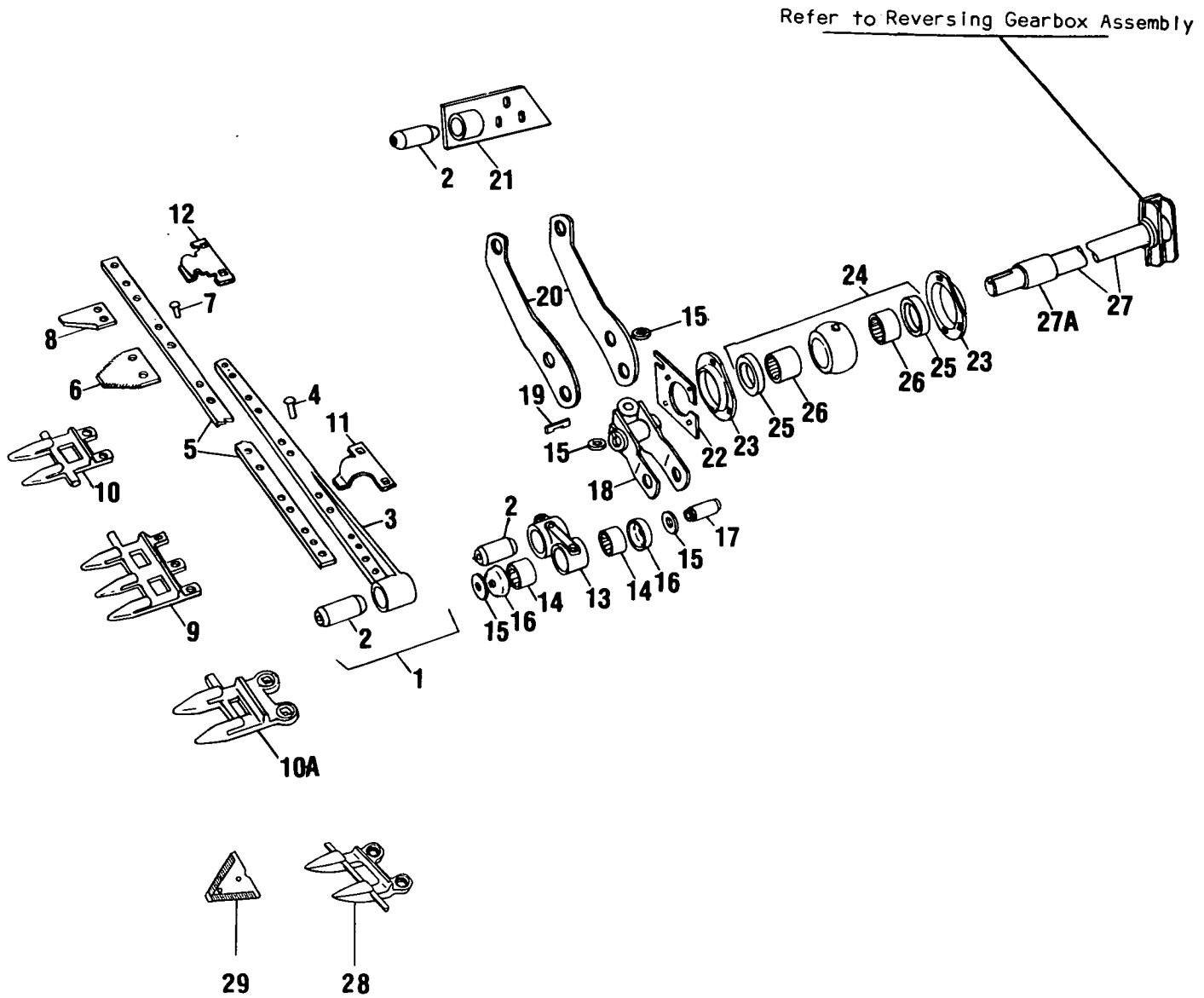
MODEL 717S SICKLE BAR
 MAIN FRAME, GUIDES, SHOES, PUSH BAR AND GUARD GROUP
 (CONTINUED)

| Ref. No. | Part No. | No. Used | Description |
|----------|------------|----------|---|
| 16 | (b) 706878 | 2 | Bracket Weld Assembly 4 88682 Carriage Bolt, Grade 5, 3/8" x 1" 4 80702 Washer, 3/8" 4 80680 Lockwasher, 3/8" 4 84944 Nut, 3/8" |
| 17 | (b) 708333 | 1 | Bracket Weld Assembly 2 88543 Cap Screw, Hex Head, Grade 5, 5/16" x 1" 4 80664 Washer, 5/16" 2 80681 Lockwasher, 5/16" 2 84943 Nut, 5/16" |
| 18 | (b) 706879 | 1 | Bracket Weld Assembly 2 88543 Cap Screw, Hex Head, Grade 5, 5/16" x 1" 2 80681 Lockwasher, 5/16" 2 84943 Nut, 5/16" |
| 19 | (b) 704027 | 1 | Angle, LH 2 280647 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 5/8" 1 88639 Bolt, Round Head, Short Square Neck, Grade 5, 3/8" x 3/4" 1 80702 Washer, 3/8" 2 80681 Lockwasher, 5/16" 1 80680 Lockwasher, 3/8" 2 84943 Nut, 5/16" 1 84944 Nut, 3/8" |
| 20 | (b) 704028 | 1 | Angle, RH 2 280647 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 5/8" 2 88639 Bolt, Round Head, Short Square Neck, Grade 5, 3/8" x 3/4" 1 80702 Washer, 3/8" 2 80681 Lockwasher, 5/16" 1 80680 Lockwasher, 3/8" 2 84943 Nut, 5/16" 1 84944 Nut, 3/8" |
| | 127567 | AR | Decal Set |

AR - As Required

(b) Used on and above Serial No. 287990

MODEL 717S SICKLE BAR
WOBBLE SHAFT AND KNIFE GROUP



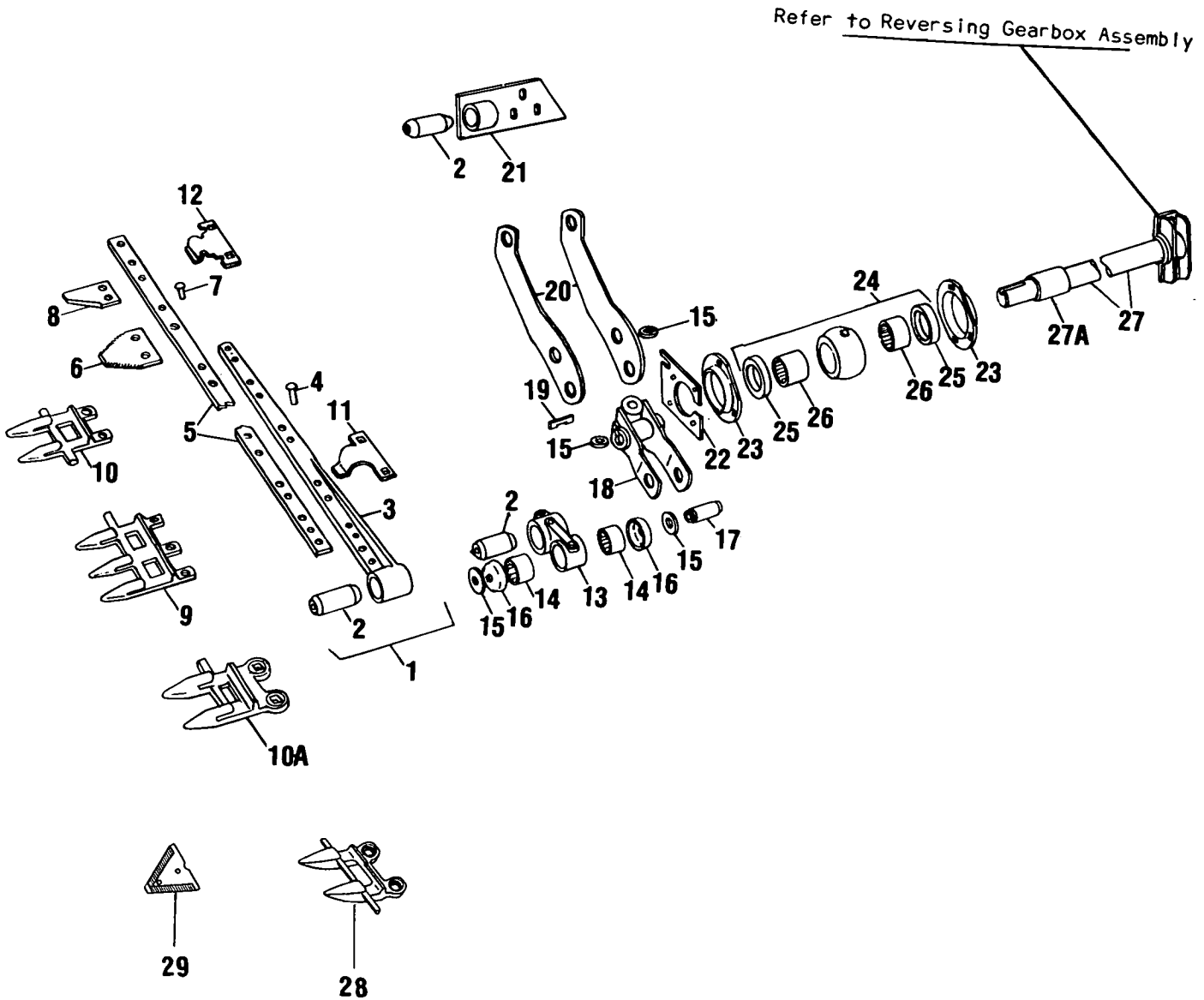
MODEL 717S SICKLE BAR
WOBBLE SHAFT AND KNIFE GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 166120 | 1 | Underserrated Knife Assembly (Includes Ref. Nos. 2 thru 8) |
| | 166088 | 1 | Smooth Knife Assembly (For Service Only) (Includes Ref. Nos. 2 thru 8) |
| 2 | 76417 | 3 | Rubber Bushing |
| 3 | 166119 | 1 | Knife Head |
| 4 | 65474 | 11 | Rivet |
| 5 | N.S.S. | 1 | Knife Back |
| 6 | 29875 | 24 | Underserrated Knife Section |
| | 26622 | 24 | Smooth Knife Section |
| 7 | 46436 | 41 | Section Rivet |
| 8 | 187216 | 1 | Half Section |
| 9 | 130712 | 1 | Triple Guard Weld Assembly |
| | | 3 | 606656 Carriage Bolt, Grade 5, 7/16" x 1 1/4" |
| | | 3 | 280717 Nut, 7/16" |
| 10 | 65327 | 10 | Sickle Guard |
| | | 10 | 606656 Carriage Bolt, Grade 5, 7/16" x 1 1/4" |
| | | 10 | 280717 Nut, 7/16" |
| 10A | 9622745 | 1 | Sickle Guard --- Replaces 237167 |
| | | 1 | 606656 Carriage Bolt, Grade 5, 7/16" x 1 1/4" |
| | | 1 | 280717 Nut, 7/16" |
| 11 | 67358 | 1 | High Knife Clip |
| | | 2 | 606657 Carriage Bolt, 7/16" x 1 1/2" |
| | | 2 | 280717 Nut, 7/16" |
| 12 | 67357 | 5 | Low Knife Clip |
| | | 10 | 606657 Carriage Bolt, 7/16" x 1 1/2" |
| | | 10 | 280717 Nut, 7/16" |
| 13 | 67188 | 1 | Connecting Rod Assembly w/Bushing #76417, 2-66810 Bearing and Hardware |
| | | 1 | 87415 Lube Fitting, Self-Tapping, 1/4"-28, 90° |
| | | 1 | 88044 Cap Screw, Hex Head, 3/8" x 1 1/2" |
| | | 1 | 80680 Lockwasher, 3/8" |
| | | 1 | 84944 Nut, 3/8" |
| 14 | 66810 | 2 | Needle Bearing |
| 15 | 26312 | 4 | Washer |
| 16 | 63778 | 2 | Shield |
| 17 | 137707 | 1 | Spacer |
| | | 1 | 88043 Cap Screw, Hex Head, Grade 5, 1/2" x 3 1/4" |
| | | 1 | 80679 Lockwasher, 1/2" |
| | | 1 | 280431 Nut, Grade 5, 1/2" |
| 18 | 135839 | 1 | Link Weld Assembly |
| | | 1 | 88207 Cap Screw, Hex Head, Grade 5, 1/2" x 3 3/4" |
| | | 1 | 80679 Lockwasher, 1/2" |
| | | 1 | 280431 Nut, Grade 5, 1/2" |
| 19 | 87495 | 1 | Key, Square, 5/16" x 2 1/2" |
| 20 | 166117 | 2 | Wobble Arm |
| | | 3 | 88207 Cap Screw, Hex Head, Grade 5, 1/2" x 3 3/4" |
| | | 6 | 80700 Washer, 1/2" |
| | | 3 | 80679 Lockwasher, 1/2" |
| | | 3 | 280431 Nut, Grade 5, 1/2" |
| 21 | 166109 | 1 | Plate Weld Assembly w/Bushing, #76417 |
| | | 3 | 87689 Cap Screw, Hex Head, 1/2" x 1 1/2" |
| | | 3 | 80700 Washer, 1/2" |
| | | 3 | 80679 Lockwasher, 1/2" |

N.S.S. - Not Serviced Separately

CONTINUED

MODEL 717S SICKLE BAR
WOBBLE SHAFT AND KNIFE GROUP (CONTINUED)



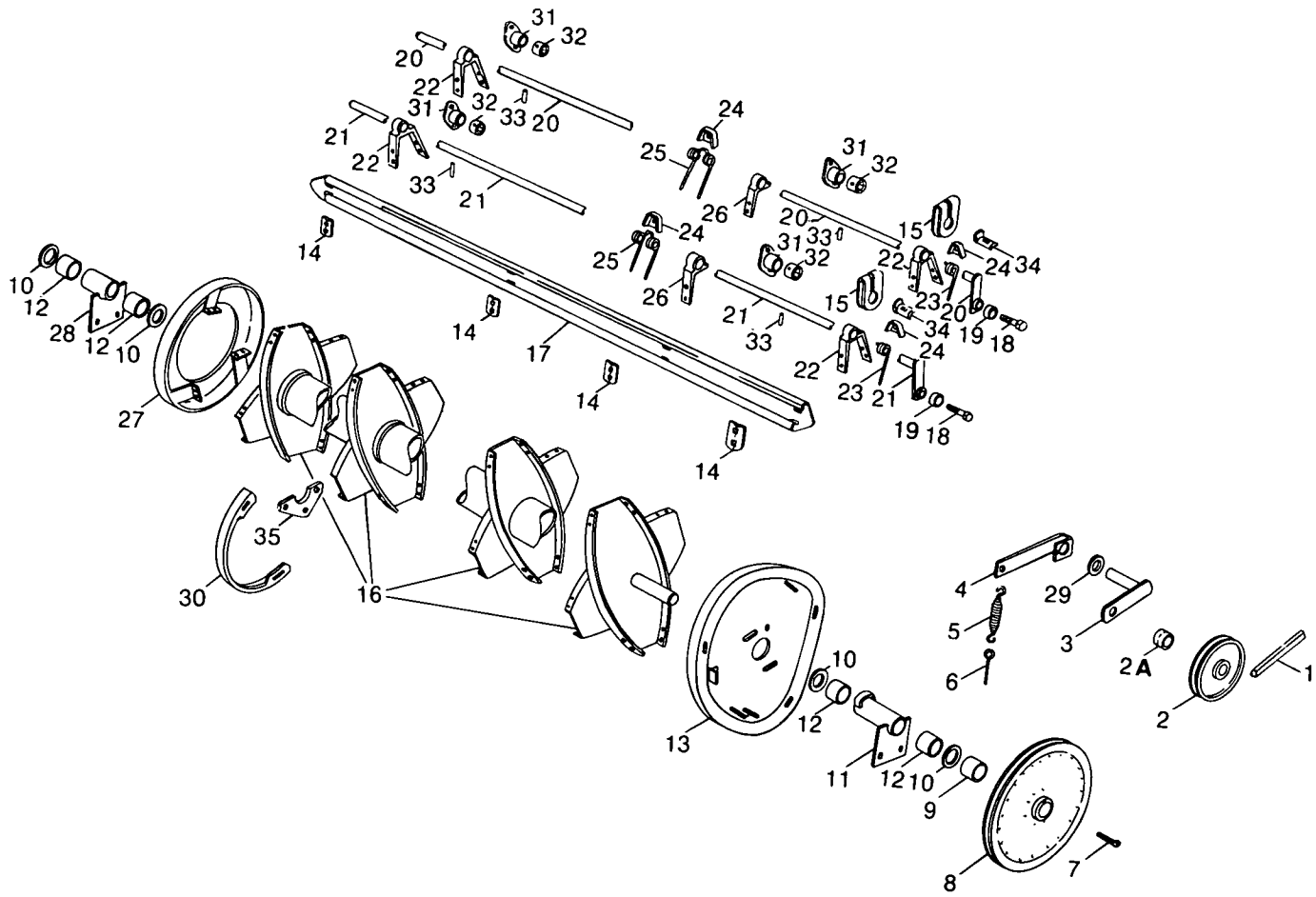
MODEL 717S SICKLE BAR
 WOBBLE SHAFT AND KNIFE GROUP (CONTINUED)

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 22 | 135877 | 1 | Guide 1 88206 Cap Screw, Hex Head, 3/8" x 1" 1 87016 Washer, 3/8" 1 80680 Lockwasher, 3/8" 1 84944 Nut, 3/8" |
| 23 | 52481 | 2 | Bearing Flange 4 87868 Bolt, Round Head, Short Square Neck, Grade 5, 1/2" x 1 1/4" 4 80679 Lockwasher, 1/2" 4 280431 Nut, 1/2" |
| 24 | 67202 | 1 | Bearing Assembly w/2-37707 Oil Seals and 2-144015 Needle Bearing 1 87569 Lube Fitting, Self-Tapping, 1/4"-28, 45° |
| 25 | 37707 | 2 | Oil Seal |
| 26 | 144015 | 2 | Needle Bearing |
| 27 | 166177 | 1 | Wobble Shaft Weld Assembly |
| 27A | 221619 | AR | Sleeve Kit (Includes Sleeve, Loctite and instructions to replace Bearing Sleeve on 166177 Shaft) AR Loctite Primer AR Loctite Sealant |
| 28 | *858764 | 10 | Stub Guard --- Replaces 132146, 257634 10 606656 Carriage Bolt, Grade 5, 7/16" x 1 1/4" 10 280717 Nut, 7/16" |
| 29 | 132120 | 20 | Shear Plate (For 132146 Guard) 20 84864 Rivet, Countersunk Head, #5, 1/2" x 7/8" |

AR - As Required

* Ref. No. 28, Part No. 858764, Stub Guard, is an optional item to be used in lieu of Ref. No. 10 when plugging occurs in extremely thick crops with dead or wet undergrowth. Additional holddown clips should be installed when using P/N 858764 Stub Guards.

MODEL 717S SICKLE BAR
REEL AND DRIVE GROUP



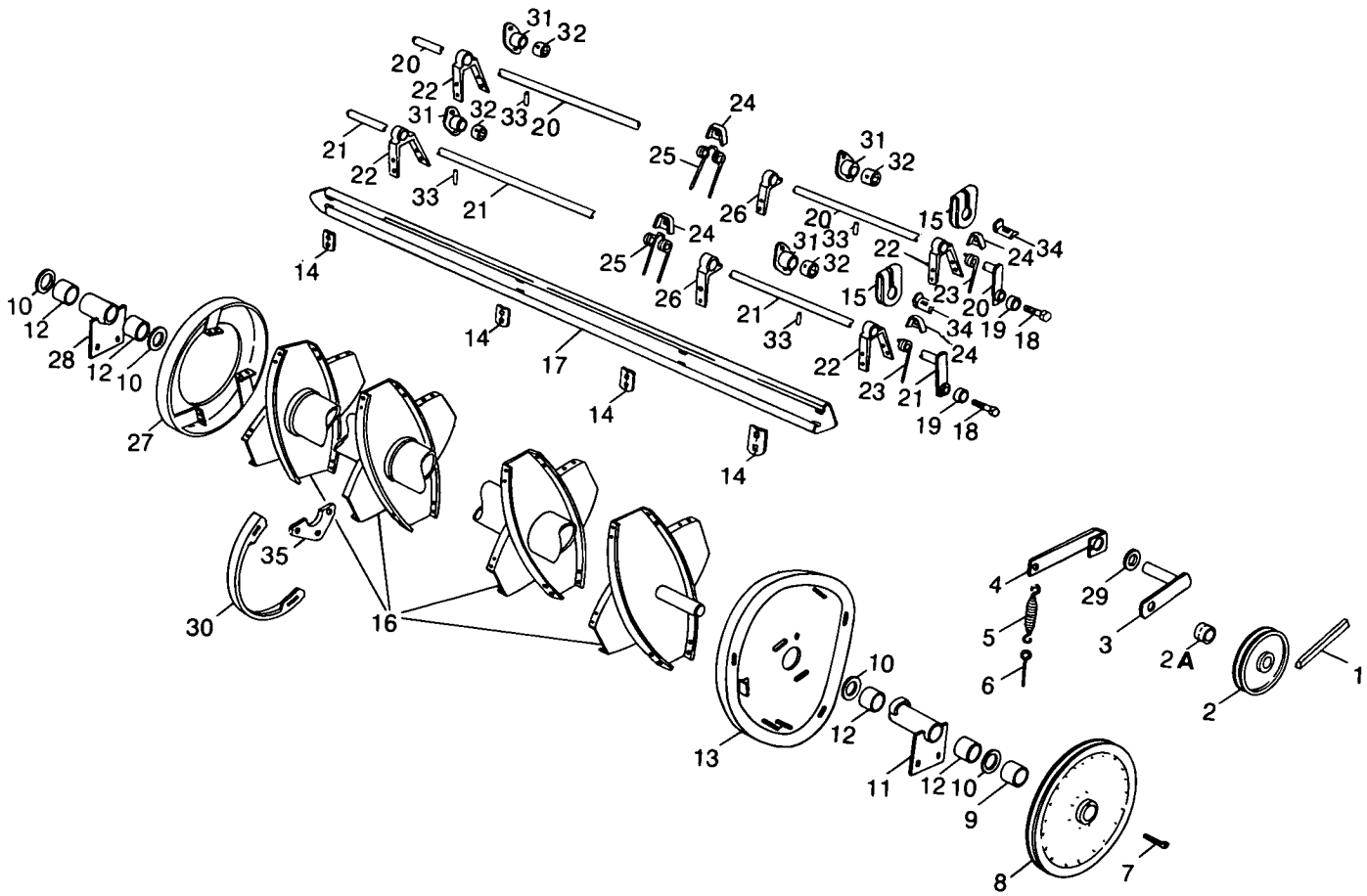
MODEL 717S SICKLE BAR
REEL AND DRIVE GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|------------|----------|---|
| 1 | 321582 | 1 | "V" Belt |
| 2 | 126027 | 1 | Belt Idler |
| 2A | 42610 | 1 | Spacer |
| | | | 1 87974 Cap Screw, Hex Head, Grade 5, 1/2" x 2 3/4" |
| | | | 1 80679 Lockwasher, 1/2" |
| | | | 1 280431 Nut, Grade 5, 1/2" |
| 3 | 129630 | 1 | Idler Arm Weld Assembly |
| | | | 2 87398 Cotter Pin, 3/16" x 1 1/4" |
| 4 | 65939 | 1 | Clamp |
| | | | 1 88436 Cap Screw, Hex Head, 3/8" x 2" |
| | | | 1 87016 Washer, 3/8" |
| | | | 1 80680 Lockwasher, 3/8" |
| | | | 1 84944 Nut, 3/8" |
| 5 | 34490 | 1 | Spring |
| 6 | 36835 | 1 | Eye Bolt |
| | | | 2 84969 Jam Nut, 3/8" |
| 7 | 606173 | 1 | Gib Key, 1/4" x 1/4" x 2 1/4" |
| 8 | 144228 | 1 | Sheave Assembly |
| 9 | 122698 | 1 | Spacer |
| 10 | 9800957 | AR | Washer --- Replaces 33112 |
| 11 | 183849 | 1 | Bearing Weld Assembly w/Bushing #36819 |
| | | | 1 87414 Lube Fitting, Self-Tapping, 1/4"-28, Straight |
| | | | 2 87689 Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/2" |
| | | | 2 80700 Washer, 1/2" |
| | | | 2 80679 Lockwasher, 1/2" |
| 12 | 167051 | 4 | Bushing --- Replaces 36819 |
| 13 | 252653 | 1 | Cam Weld Assembly |
| | | | 2 280503 Bolt, Round Head, Short Square Neck, Grade 5, 3/8" x 1" |
| | | | 2 88639 Bolt, Round Head, Short Square Neck, Grade 5, 3/8" x 3/4" |
| | | | 4 87016 Washer, 3/8" |
| | | | 4 80680 Lockwasher, 3/8" |
| | | | 4 84944 Nut, 3/8" |
| 14 | 137710 | AR | Reinforcement |
| | | | 8 88992 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 1" |
| | | | 16 280827 Bolt, Round Head, Short Square Neck, 5/16" x 1 1/4" |
| | | | 24 80681 Lockwasher, 5/16" |
| | | | 24 84943 Nut, 5/16" |
| 15 | (a) 135874 | 4 | Clamp |
| | | | 4 88709 Cap Screw, Hex Head, Grade 5, 5/16" x 2 1/2" |
| | | | 8 87362 Washer, 5/16" |
| | | | 4 80681 Lockwasher, 5/16" |
| | | | 4 84943 Nut, 5/16" |
| 16 | (b) 709490 | 1 | Reel Weld Assembly |
| | | | (a)1 88182 Cotter Pin, 1/4" x 2" |
| | | | (b)1 87343 Roll Pin, 1/4" x 1 3/4" |
| 17 | (a) 144231 | 4 | Bat |
| | (b) 709497 | 4 | Bat |
| 18 | 121831 | 4 | Special Bolt |
| | | | 4 84057 Lockwasher, 5/8" |
| | | | 4 87262 Nut, 5/8" (NF) |
| 19 | 165484 | 4 | Roller |
| 20 | (a) 144235 | 2 | Tine Bar Weld Assembly, Long |
| | (b) 709493 | 2 | Tine Bar Weld Assembly, Long |

(a) Used on and below Serial No. 287989
(b) Used on and above Serial No. 187990

CONTINUED

MODEL 717S SICKLE BAR
REEL AND DRIVE GROUP (CONTINUED)



MODEL 717S SICKLE BAR
REEL AND DRIVE GROUP (CONTINUED)

| Ref. No. | Part No. | No. Used | Description |
|----------|------------|----------|--|
| 21 | (a) 144236 | 2 | Tine Bar Weld Assembly, Short |
| | (b) 709494 | 2 | Tine Bar Weld Assembly, Short |
| 22 | (a) 135900 | 8 | Bearing |
| | | 8 | 87415 Lube Fitting, Self-Tapping, 1/4"-28, 90° |
| | | 16 | 88543 Cap Screw, Hex Head, Grade 5, 5/16" x 1" |
| | | 16 | 87362 Washer, 5/16" |
| | | 16 | 84943 Nut, 5/16" |
| | | 16 | 80681 Lockwasher, 5/16" |
| 23 | (c) 121952 | 4 | Reel Tine |
| | (d) 570218 | 4 | Reel Tine |
| 24 | 772028 | 36 | Tine Clip |
| | | 36 | 280618 Carriage Bolt, 5/16" x 2" |
| | | 36 | 280736 Locknut, Grade C, 5/16" |
| 25 | (c) 121951 | 32 | Reel Tine |
| | (d) 570217 | 32 | Reel Tine |
| 26 | (a) 135883 | 2 | Pipe Pivot |
| 27 | (a) 238706 | 1 | Ring Weld Assembly |
| | (b) 690724 | 1 | Ring Weld Assembly |
| | | 8 | 87872 Cap Screw, Hex Head, Grade 5, 5/16" x 3/4" |
| | | 8 | 87362 Washer, 5/16" SAE |
| | | 8 | 80681 Lockwasher, 5/16" |
| | | 8 | 84943 Nut, 5/16" |
| 28 | 122693 | 1 | Bearing Weld Assembly, (w/Bushing #36819, Ref. No. 12) |
| | | 1 | 87414 Lube Fitting, Self-Tapping, 1/4"-28, Straight |
| | | 2 | 87689 Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/2" |
| | | 2 | 87364 Washer, 1/2" |
| | | 2 | 80679 Lockwasher, 1/2" |
| | | 2 | 280431 Nut, Grade 5, 1/2" |
| 29 | 87366 | 1 | Washer, 7/8" |
| 30 | (b) 689590 | 1 | Guard |
| | | 2 | 280428 Carriage Bolt, Grade 5, 5/16" x 1" |
| | | 2 | 80664 Washer, 5/16" |
| | | 2 | 80681 Lockwasher, 5/16" |
| | | 2 | 84943 Nut, 5/16" |
| 31 | (b) 575246 | 8 | Bearing Housing |
| 32 | (b) 286078 | 8 | Bushing |
| 33 | (b) 579116 | 8 | Pin |
| 34 | (b) 264871 | 4 | Clip |
| | | 4 | 88544 Cap Screw, Hex Head, Grade 5, 5/16" x 2" |
| | | 4 | 80664 Washer, 5/16" |
| | | 4 | 280736 Locknut, Grade C, 5/16" |
| 35 | (b) 289416 | 4 | Guide |
| | | 12 | 145913 Lockscrew, USR, 5/16" x 3/4" |
| | | 24 | 80681 Lockwasher, 5/16" |
| | | 12 | 145458 Locknut, USR, 5/16" |

- (a) Used on and below Serial No. 287989
- (b) Used on and above Serial No. 287990
- (c) Used on and below Serial No. 138158
- (d) Used on and above Serial No. 138159

MODEL 717S SICKLE BAR
AUGER AND AUGER DRIVE GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|------------|----------|---|
| 1 | 709014 | 1 | Auger Weld Assembly --- Replaces 166123 |
| 2 | 166107 | 1 | Shaft Weld Assembly 1 87402 Cotter Pin, 1/4" x 1 1/4" 2 88434 Cap Screw, Grade 5, 3/8" x 3/4" 2 80680 Lockwasher, 3/8" |
| 3 | 143787 | 1 | Bearing Block Guide |
| 4 | 43295 | 1 | Spring |
| 5 | 50775 | 3 | Hex Bearing |
| 6 | 43056 | 8 | Bearing Flange 12 87872 Cap Screw, Hex Head, Grade 5, 5/16" x 3/4" 12 80681 Lockwasher, 5/16" 3 84943 Nut, 5/16" |
| 7 | 128438 | 1 | Block 2 88546 Cap Screw, Hex Head, Grade 5, 3/8" x 2 1/4" 2 88902 Locknut, Grade C, 3/8" |
| 8 | 27318 | AR | Washer, .060 (1.524mm) Thick |
| | 27317 | AR | Washer, .035" (.9mm) Thick |
| 9 | 87366 | 2 | Washer, 7/8" |
| 10 | 128441 | 1 | Shaft Weld Assembly 1 88546 Cap Screw, Hex Head, Grade 5, 3/8" x 2 1/4" 1 88902 Locknut, Grade C, 3/8" |
| 11 | 709381 | 8 | Finger Weld Assembly w/Bushing #245221, 8 7/32" Length (208.5mm) |
| 12 | 245221 | 8 | Bushing |
| 13 | (a) 128467 | 8 | Strap |
| 14 | (a) 128460 | 8 | Bearing Block |
| 15 | (a) 136142 | 8 | Strap |
| | (b) 265588 | 8 | Finger Guide 16 87872 Cap Screw, Hex Head, Grade 5, 5/16" x 3/4" (a)16 88592 Retainer Nut, 5/16" (b)16 280736 Locknut, Grade C, 5/16" |
| 16 | 702259 | 1 | Cover Weld Assembly 8 87872 Cap Screw, Hex Head, Grade 5, 5/16" x 3/4" 8 88592 Retainer Nut, 5/16" |
| 17 | 121105 | 1 | Shaft Weld Assembly |
| 18 | 122617 | 1 | Bearing Bracket w/Ref. No. 19 Bushing 1 87569 Lube Fitting, Self-Tapping, 1/4"-28, 45° 2 88434 Cap Screw, 3/8" x 3/4" 1 88206 Cap Screw, Hex Head, 3/8" x 1" 3 87016 Washer, 3/8" 1 80680 Lockwasher, 3/8" 2 88902 Locknut, Grade C, 3/8" |
| 19 | 27639 | 2 | Bearing Bracket Bushing |
| 20 | 27696 | AR | Washer |
| 21 | 122619 | 1 | Clutch Assembly (Includes Ref. Nos. 22 thru 28) 1 87053 Woodruff Key, #127, 1/4" x 2 1/8" |
| 22 | 122672 | 1 | Clutch Hub |
| 23 | 127434 | 2 | Friction Disc |
| 24 | 49842 | 1 | Sprocket w/Ref. No. 25 Bushing |
| 25 | 49686 | 1 | Sprocket Bushing |
| 26 | 49683 | 1 | Clutch Plate |
| 27 | 121092 | 1 | Spring Washer |

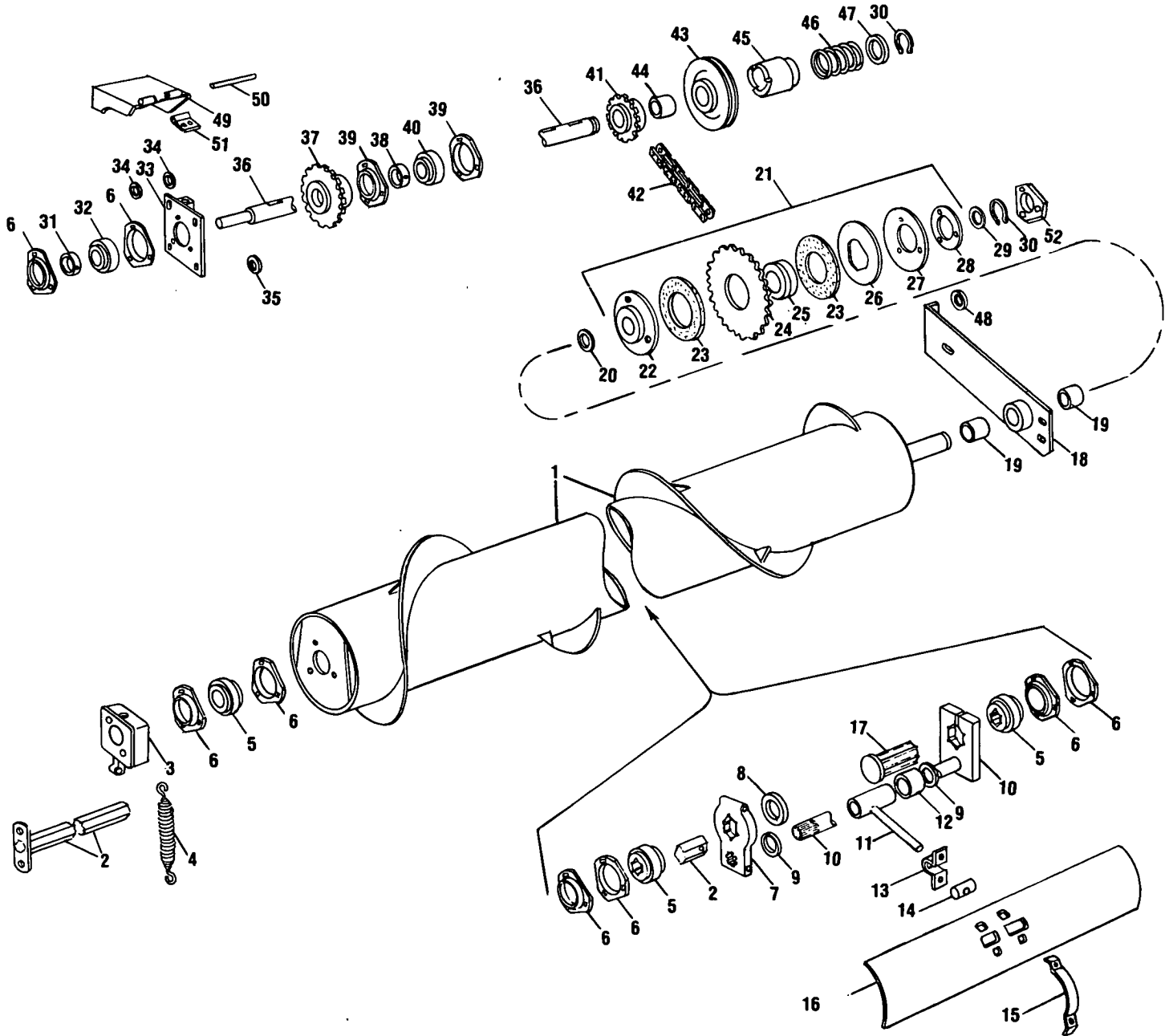
AR - As Required

(a) Used on and below Serial No. 287989; if Auger has been replaced by 709014 Auger, use above Serial No. Parts

(b) Used on and above Serial No. 287990

CONTINUED

MODEL 717S SICKLE BAR
AUGER AND AUGER DRIVE GROUP
(CONTINUED)



MODEL 717S SICKLE BAR
AUGER AND AUGER DRIVE GROUP
(CONTINUED)

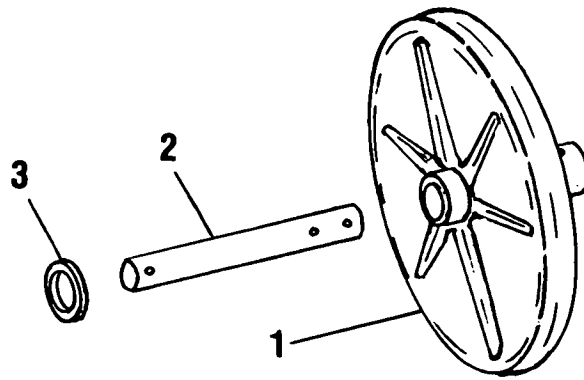
| Ref. No. | Part No. | No. Used | Description |
|----------|------------|----------|--|
| 28 | 126287 | 1 | Clutch Washer 3 87542 Cap Screw, Hex Head, Grade 5, 3/8" UNF x 1 1/4" or 3 88011 Cap Screw, Hex Head, Grade 5, 3/8" x 1 1/4" |
| 29 | 48360 | AR | Space Washer |
| 30 | 40974 | 2 | Retaining Ring |
| 31 | 38260 | 1 | Bearing Collar |
| 32 | 574844 | 1 | Ball Bearing |
| 33 | 122614 | 1 | Bracket Weld Assembly 4 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" 4 80680 Lockwasher, 3/8" 1 80983 Set Screw, Square Head, Cup Point, 3/8" x 2" 1 84969 Jam Nut, 3/8" |
| 34 | 29962 | 8 | Washer |
| 35 | 48604 | 4 | Spacer |
| 36 | 122624 | 1 | Drive Shaft |
| 37 | 40309 | 1 | Sprocket Weld Assembly 1 88871 Set Screw, Square Head, Cup Point, 3/8" x 3/4" 1 84969 Jam Nut, 3/8" 1 84241 Woodruff Key, 5/16" x 1 1/4" |
| 38 | 38767 | 1 | Bearing Collar |
| 39 | 43048 | 2 | Bearing Flange 3 88703 Cap Screw, Hex Head, Grade 5, 3/8" x 5/8" 3 80680 Lockwasher, 3/8" |
| 40 | 38766 | 1 | Ball Bearing |
| 41 | 49640 | 1 | Auger Drive Sprocket, #RC 50, 15T 1 88274 Set Screw, Square Head, Cone Point, 3/8" x 1" 1 84969 Jam Nut, 3/8" 1 84361 Woodruff Key, 1/4" x 1 1/4" |
| 42 | 13796 | 1 | Auger Drive Chain, #RC 50, 71 Pitches AR 25805 Roller Link, #RC 50 AR 25194 Coupler Link, #RC 50 AR 25816 Offsetr Link, #RC 50 |
| 43 | 122615 | 1 | Sheave Clutch w/Ref. No. 44 Bushing (Reel Drive) |
| 44 | 44776 | 1 | Sheave Bushing |
| 45 | 122625 | 1 | Clutch 1 87414 Grease Fitting, Self-Tapping, 1/4"-28, Straight 1 46166 Special Woodruff Hypro Key |
| 46 | 33486 | 1 | Clutch Spring |
| 47 | 00675 | 1 | Washer |
| 48 | 124150 | 1 | Washer 1 87909 Cap Screw, Hex Head, Grade 5, 1/2" x 1" 1 88871 Locknut, 1/2" |
| 49 | (b) 712612 | 1 | Shield Weld Assembly (Includes Ref. Nos. 50 and 51) 1 80701 Washer, 1/4" 1 84878 Wing Nut, 1/4" |
| 50 | (b) N.S.S. | 1 | Hinge Pin |
| 51 | (b) N.S.S. | 1 | Hinge 2 87255 Machine Screw, Truss Head, 5/16" x 5/8" 2 80681 Lockwasher, 5/16" 2 84943 Nut, 5/16" |
| 52 | 707372 | 1 | Bracket |

AR - As Required

N.S.S. - Not Serviced Separately

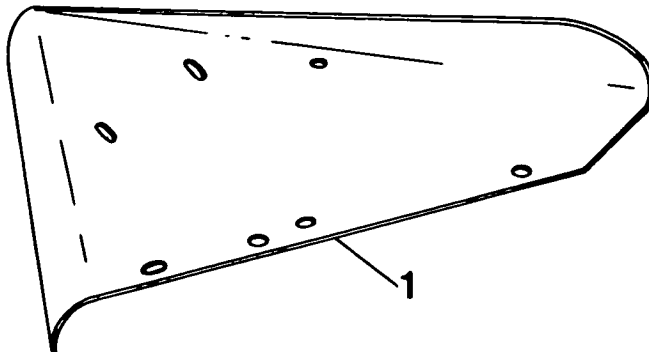
(b) Used on and above Serial No. 287990

TRANSPORT WHEEL BUNDLE



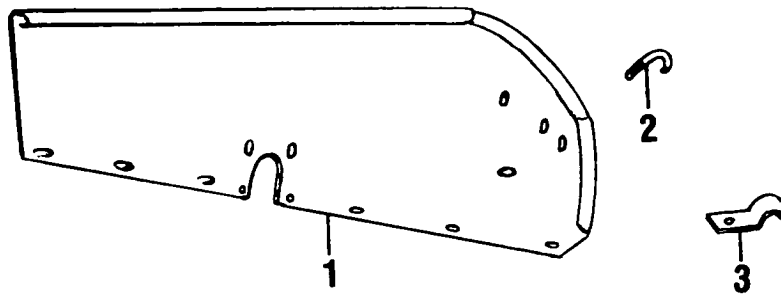
| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 25479 | 2 | Steel Wheel 2 87414 Grease Fitting, Self-Tapping, 1/4"-28, Straight |
| 2 | 121728 | 2 | Dolly Shaft 4 87399 CotterPin, 3/16" x 1 1/4" |
| 3 | 27531 | 2 | Special Washer |

MODEL 717S ATTACHMENTS
HEAD SAVER



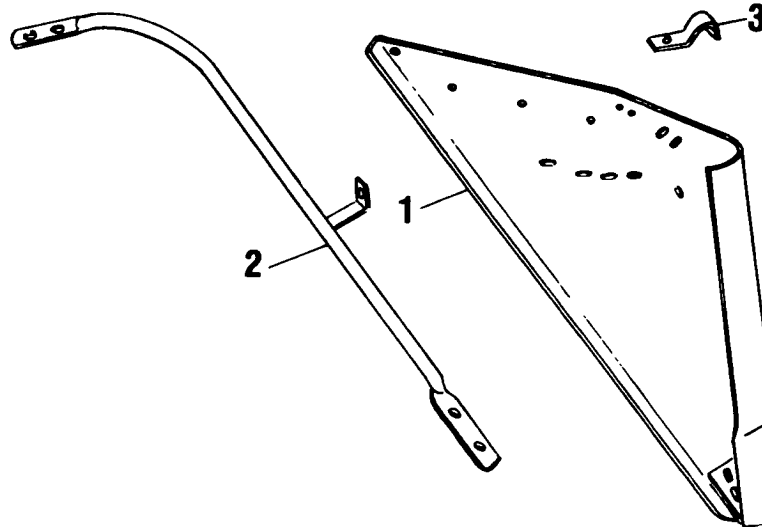
| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 121815 | 1 | Head Saver Deflector --- Replaces 97101 1 87101 Machine Screw, Truss Head, 3/8" x 3/4" 1 87016 Washer, 3/8" 1 80680 Lockwasher, 3/8" 1 84944 Nut, 3/8" |

MODEL 717S ATTACHMENTS
SIDE SHEET EXTENSION



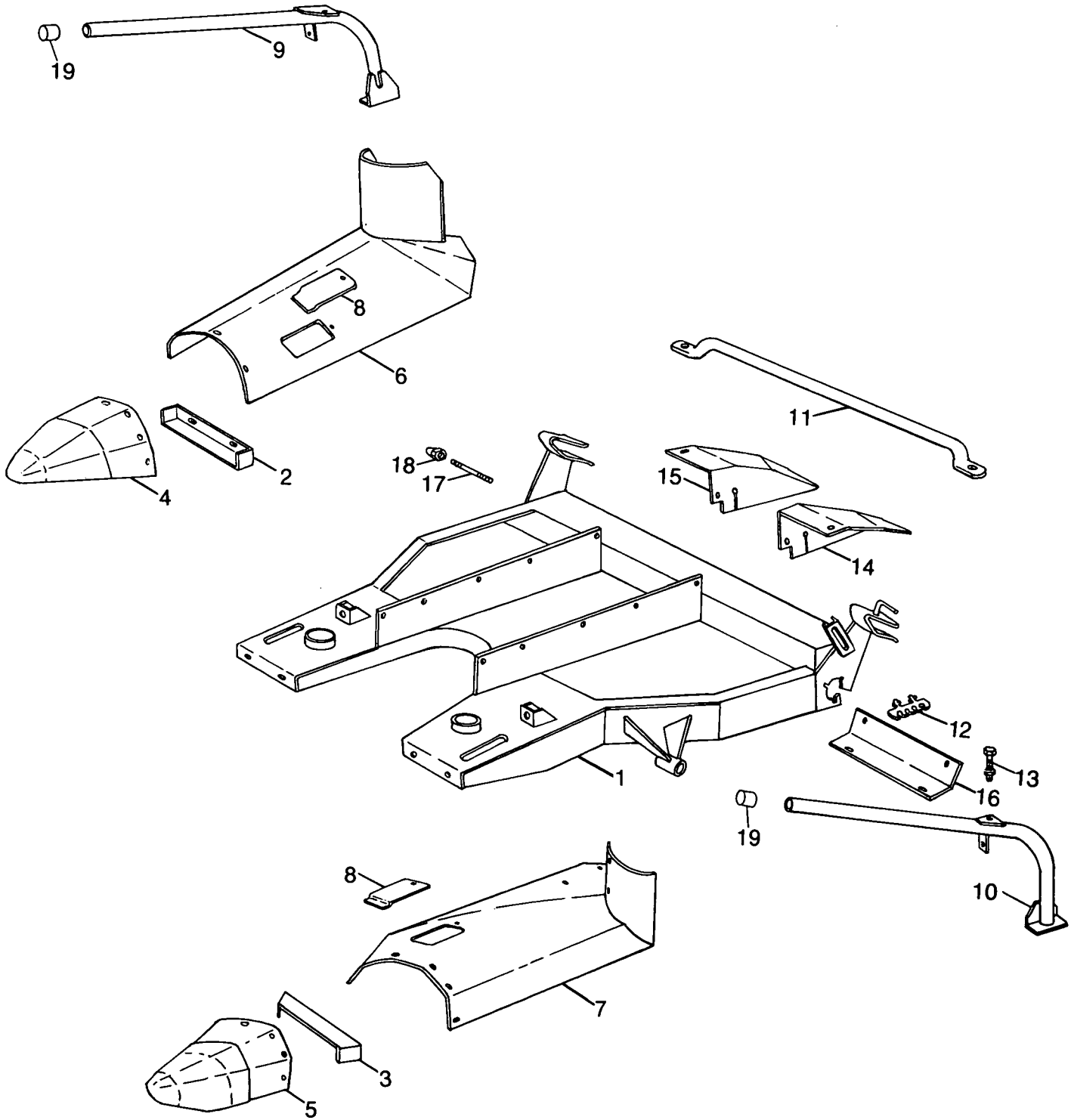
| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 1 | 121708 | 1 | Side Sheet Extension Weld Assembly 3 280497 Bolt, Round Head, Short Square Neck, 5/16" x 3/4" 3 87362 Washer, 5/16" 3 80681 Lockwasher, 5/16" 3 84943 Nut, 5/16" |
| 2 | 126039 | 1 | "J" Bolt 1 84943 Nut, 5/16" |
| 3 | 121687 | 1 | Clamp 1 87101 Machine Screw, Truss Head, 3/8" x 3/4" 1 87016 Washer, 3/8" 1 80680 Lockwasher, 3/8" 1 84944 Nut, 3/8" |

POINTER DIVIDER



| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 121859 | 1 | Pointed Divider Weld Assembly 2 88206 Cap Screw, 3/8" x 1" 2 80680 Lockwasher, 3/8" 2 84944 Nut, 3/8" |
| 2 | 121790 | 1 | Brace Weld Assembly 4 87260 Machine Screw, Truss Head, 3/8" x 1 1/4" 2 88456 Cap Screw, 3/8" x 3 3/4" 3 87016 Washer, 3/8" 4 80680 Lockwasher, 3/8" 4 84944 Nut, 3/8" |
| 3 | 121687 | 1 | Clamp 1 87260 Machine Screw, Truss Head, 3/8" x 1 1/4" 1 80680 Lockwasher, 3/8" 1 84944 Nut, 3/8" |

MODEL 722R ROW CROP
MAIN FRAME GROUP

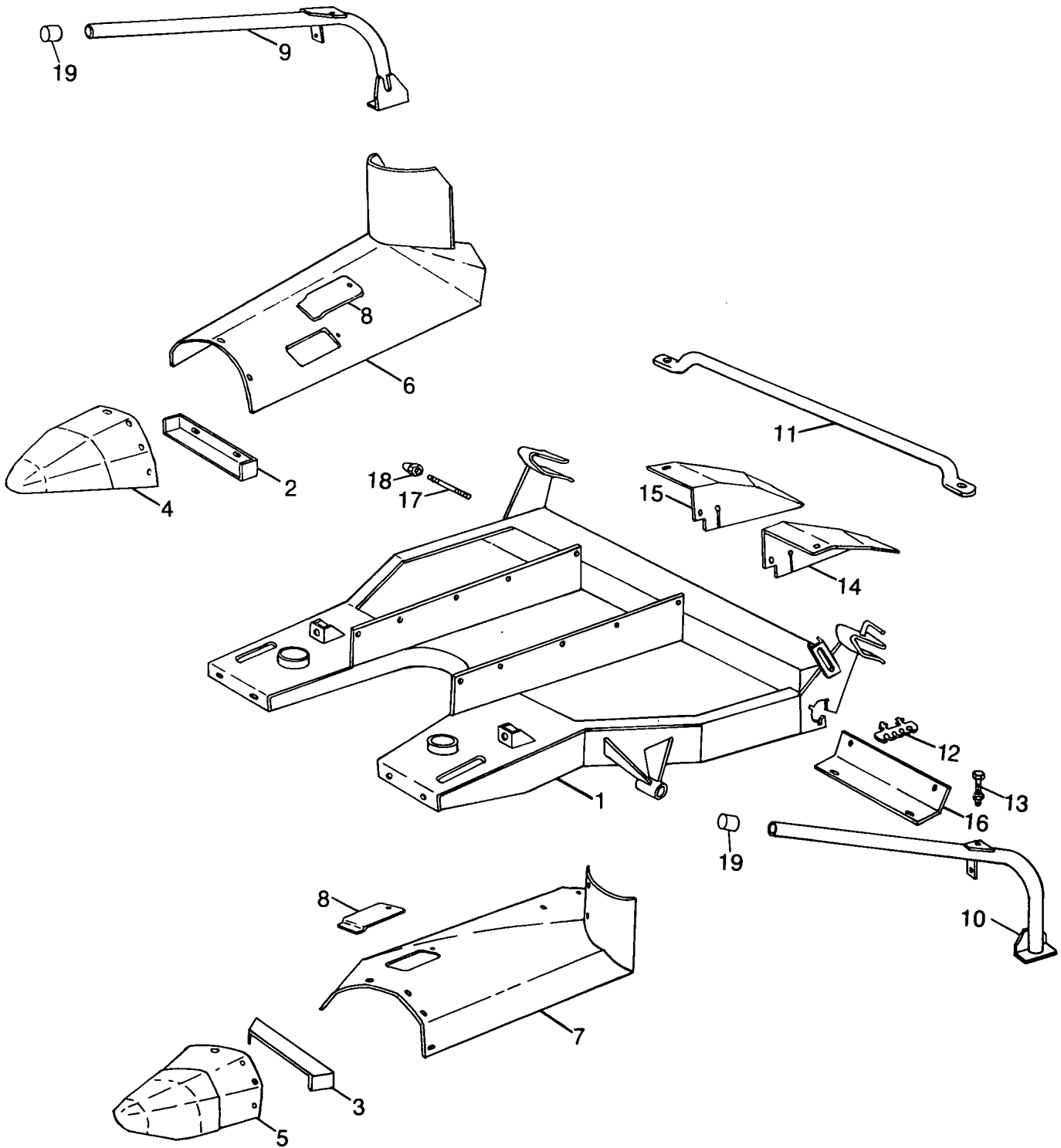


MODEL 722R ROW CROP
MAIN FRAME GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 1 | 702115 | 1 | Main Frame Weld Assembly |
| | | 2 | 87414 Lube Fitting, 1/4"-28, Straight |
| 2 | 700754 | 1 | Mount Weld Assembly |
| | | 2 | 280503 Bolt, Round Head, Short Square Neck, Grade 5, 3/8" x 1" |
| | | 2 | 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" |
| | | 4 | 80702 Washer, 3/8" |
| | | 4 | 80680 Lockwasher, 3/8" |
| | | 2 | 84944 Nut, 3/8" |
| 3 | 702226 | 1 | Strap Weld Assembly |
| | | 2 | 280503 Bolt, Round Head, Short Square Neck, Grade 5, 3/8" x 1" |
| | | 2 | 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" |
| | | 4 | 80702 Washer, 3/8" |
| | | 4 | 80680 Lockwasher, 3/8" |
| | | 2 | 84944 Nut, 3/8" |
| 4 | 701999 | 1 | Point Weld Assembly, RH |
| | | 4 | 280497 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 3/4" |
| | | 4 | 145458 Locknut, USR, 5/16" |
| 5 | 702298 | 1 | Point Weld Assembly, LH |
| | | 4 | 280497 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 3/4" |
| | | 4 | 145458 Locknut, USR, 5/16" |
| 6 | 702513 | 1 | Cover Weld Assembly, RH |
| | | 4 | 88599 Machine Screw, Flat Head, 5/16" x 3/4" |
| | | 2 | 280497 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 3/4" |
| | | 4 | 80681 Lockwasher, 5/16" |
| | | 2 | 145458 Locknut, USR, 5/16" |
| | | 4 | 84943 Nut, 5/16" |
| 7 | 702514 | 1 | Cover Weld Assembly, LH |
| | | 4 | 88599 Machine Screw, Flat Head, 5/16" x 3/4" |
| | | 2 | 280497 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 3/4" |
| | | 4 | 80681 Lockwasher, 5/16" |
| | | 2 | 145458 Locknut, USR, 5/16" |
| | | 4 | 84943 Nut, 5/16" |
| 8 | 573453 | 2 | Cover |
| | | 2 | 256873 Lockscrew, USR, 5/16" x 1/2" |
| 9 | 702146 | 1 | Stalk Guide Weld Assembly, RH |
| | | 1 | 280647 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 5/8" |
| | | 2 | 87909 Cap Screw, Hex Head, Grade 5, 1/2" x 1" |
| | | 2 | 80679 Lockwasher, 1/2" |
| | | 1 | 145458 Locknut, USR, 5/16" |
| | | 2 | 280431 Nut, Grade 5, 1/2" |
| 10 | 702147 | 1 | Stalk Guide Weld Assembly, LH |
| | | 1 | 280647 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 5/8" |
| | | 2 | 87909 Cap Screw, Hex Head, Grade 5, 1/2" x 1" |
| | | 2 | 80679 Lockwasher, 1/2" |
| | | 1 | 145458 Locknut, USR, 5/16" |
| | | 2 | 280431 Nut, Grade 5, 1/2" |
| 11 | 573455 | 1 | Stalk Bumper |
| | | 2 | 88707 Bolt, Round Head, Short Square Neck, Grade 5, 1/2" x 1 1/4" |
| | | 2 | 80679 Lockwasher, 1/2" |
| | | 2 | 280431 Nut, Grade 5, 1/2" |
| 12 | 52367 | 1 | Shear Bolt Holder |
| 13 | 46520 | 4 | Shear Bolt and Nut |

CONTINUED

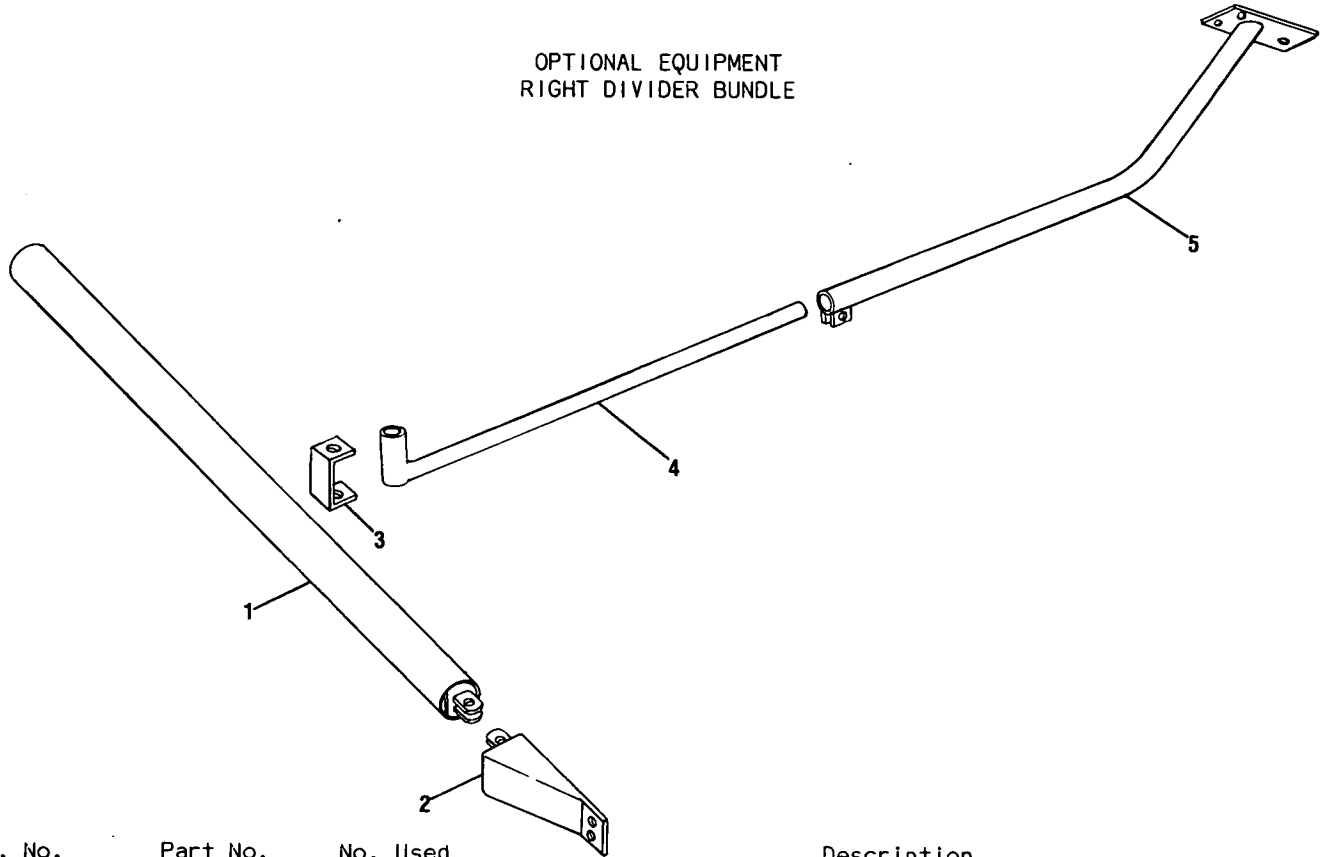
MODEL 722R ROW CROP
MAIN FRAME GROUP (CONTINUED)



MODEL 722R ROW CROP
MAIN FRAME GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 14 | 702355 | 1 | Cover, LH 1 271288 Lockscrew, USR, 5/16" x 5/8" |
| 15 | 702356 | 1 | Cover, RH 1 271288 Lockscrew, USR, 5/16" x 5/8" |
| 16 | 711978 | 1 | Shield 4 271288 Lockscrew, USR, 5/16" x 5/8" |
| 17 | 84859 | 2 | Pipe Nipple, 1/8" x 6" |
| 18 | 84303 | 2 | Lube Fitting, 1/8" PT, Female |
| 19 | 615309 | 2 | Cap |
| | 717872 | AR | Decal Set |

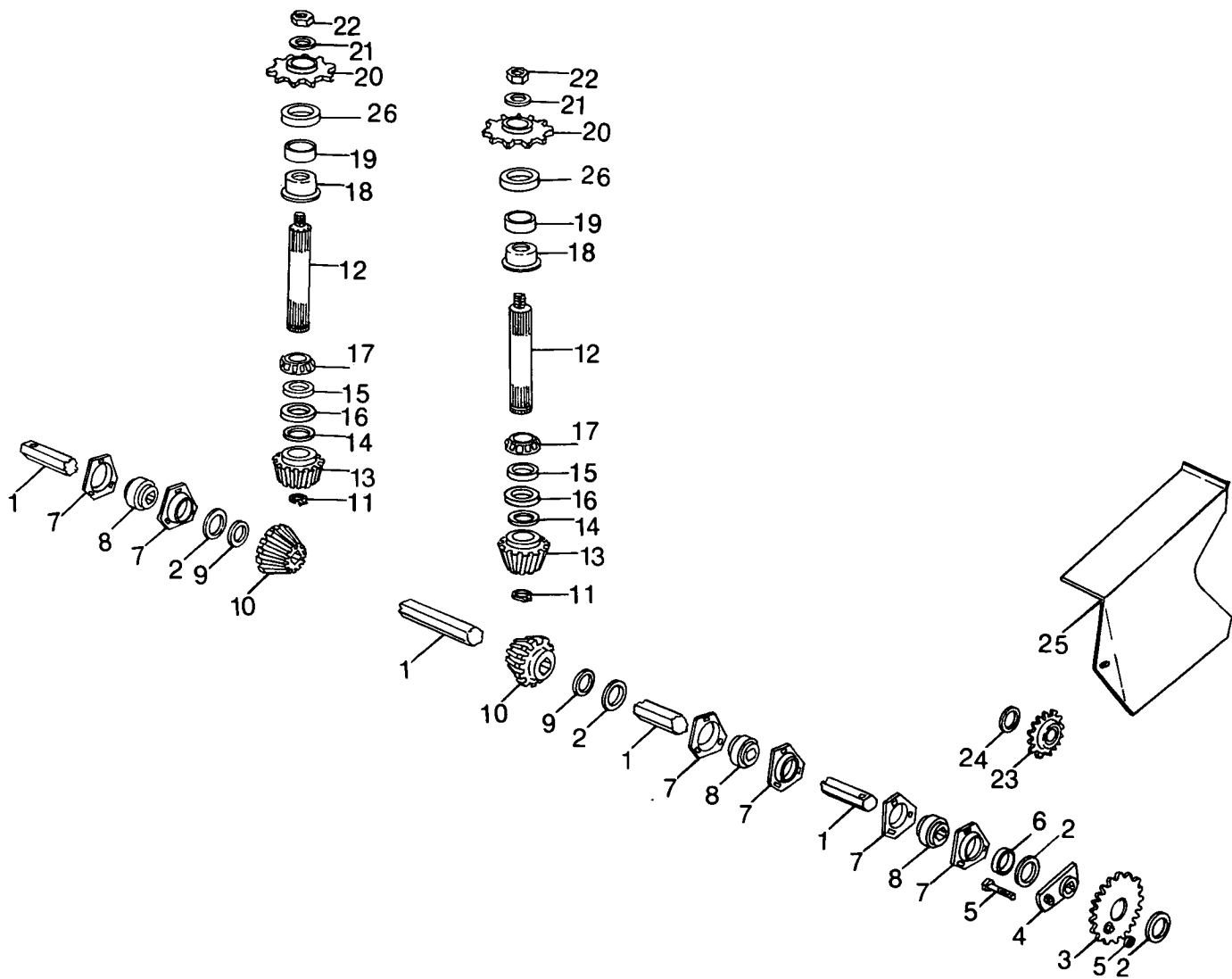
OPTIONAL EQUIPMENT
RIGHT DIVIDER BUNDLE



| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 700777 | 1 | RIGHT DIVIDER BUNDLE Divider Weld Assembly 1 87909 Cap Screw, Hex Head, Grade 5, 1/2" x 1" 1 87364 Washer, 1/2" 1 88871 Locknut, 1/2" |
| 2 | 701126 | 1 | Cover Weld Assembly 2 280497 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 3/4" 1 88011 Cap Screw, Hex Head, Grade 5, 3/8" x 1 1/4" 2 145458 Locknut, USR, 5/16" 1 88902 Locknut, 3/8" |
| 3 | 137563 | 1 | Bracket 1 88272 Cap Screw, Hex Head, Grade 5, 1/2" x 4" 1 88871 Locknut, 1/2" |
| 4 | 574623 | 1 | Support Shaft Weld Assembly |
| 5 | 613380 | 1 | Support Pipe Weld Assembly 1 88436 Cap Screw, Hex Head, Grade 5, 3/8" x 2" 3 88681 Carriage Bolt, 3/8" x 1 1/4" 4 88902 Locknut, Grade C, 3/8" |

AR - As Required

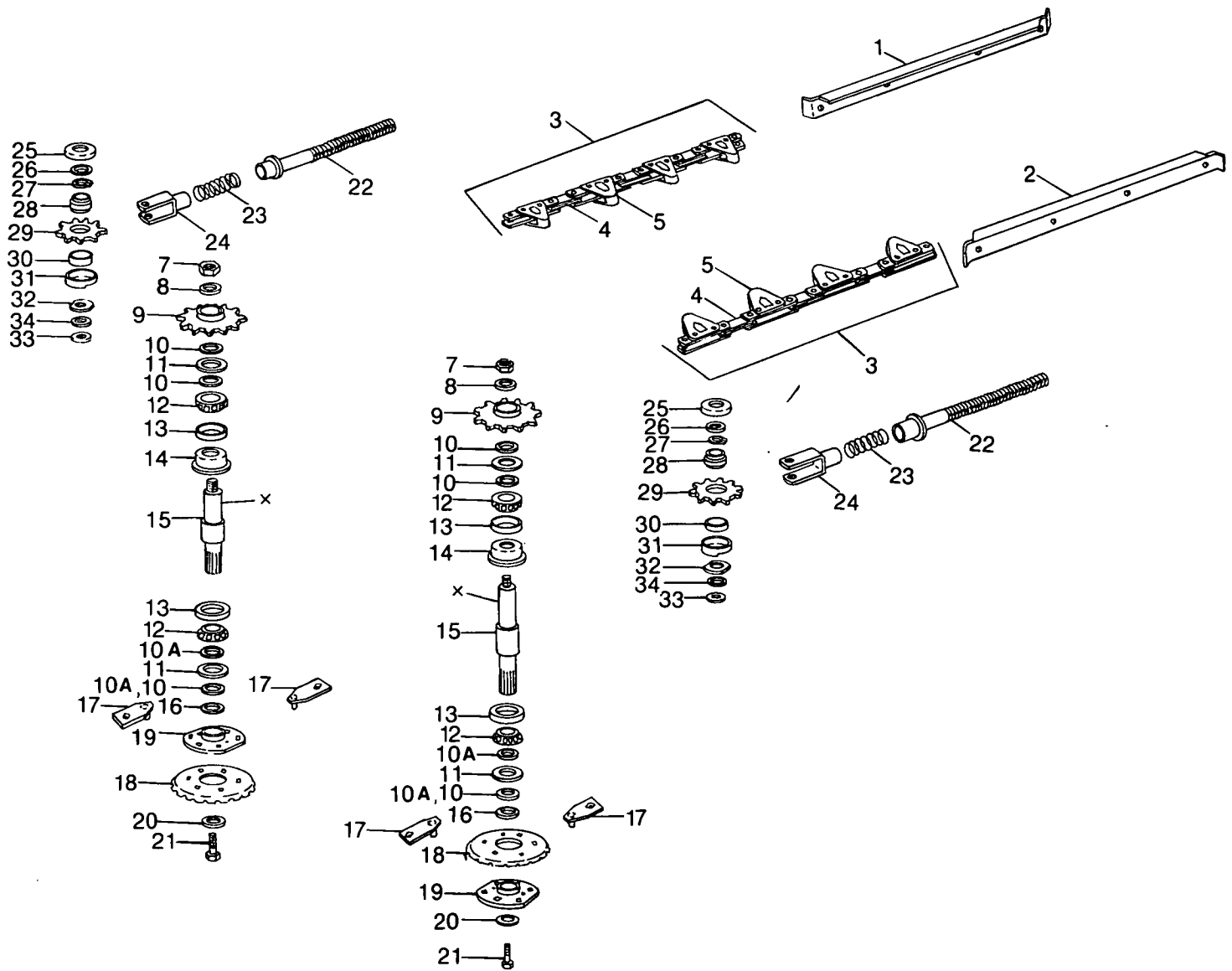
MODEL 722R ROW CROP
MAIN DRIVE GROUP



MODEL 722R ROW CROP
MAIN DRIVE GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 701737 | 1 | Shaft, Drive |
| | | 2 | 80754 Cotter Pin, 3/16" x 1 1/2" |
| 2 | 572894 | AR | Washer, Special, 1 5/16" ID x 2" OD x .075" Thick |
| 3 | 572734 | 1 | Sprocket Weld Assembly, 26 Tooth |
| | 572735 | 1 | Sprocket Weld Assembly, 20 Tooth |
| | 572736 | 1 | Sprocket Weld Assembly, 30 Tooth |
| | | 1 | *280649 Tap Bolt, Hex Head, 5/16" x 2" |
| | | 1 | *00322 Washer, Special |
| | | 1 | *47568 Spacer |
| | | 1 | *80681 Lockwasher, 5/16" |
| | | 1 | *84943 Nut, 5/16" |
| 4 | 572421 | 1 | Hub Weld Assembly |
| 5 | 46520 | 1 | Shear Bolt and Nut |
| 6 | 572893 | 1 | Spacer |
| 7 | 578189 | 6 | Bearing Flangette |
| | | 9 | 88682 Carriage Bolt, Grade 5, 3/8" x 1" |
| | | 9 | 80680 Lockwasher, 3/8" |
| | | 9 | 84944 Nut, 3/8" |
| 8 | 121602 | 3 | Ball Bearing, Hex Bore |
| 9 | 214539 | AR | Washer, Special |
| 10 | 719563 | 2 | Bevel Gear, 15 Tooth, Hex Bore |
| 11 | 244638 | 2 | Retaining Ring |
| 12 | 700518 | 2 | Shaft |
| 13 | 719565 | 2 | Bevel Gear, 15 Tooth |
| 14 | 146258 | AR | Washer, Special, .060" Thick (1.52mm) |
| | 33212 | AR | Washer, Special, .036" Thick (.914mm) |
| 15 | 579912 | 2 | Spacer |
| 16 | 135955 | 2 | Oil Seal |
| 17 | 218230 | 4 | Bearing Cup and Cone Assembly |
| 18 | 708566 | 2 | Shield |
| 19 | 774773 | 2 | Ring |
| 20 | 9623892 | 2 | Sprocket Weld Assembly, 7 Tooth, Includes 707373 Seal Collar |
| 21 | 130358 | 2 | Washer, Special |
| 22 | 280567 | 2 | Hex Slotted Nut, 5/8" UNF |
| | | 2 | 80754 Cotter Pin, 3/16" x 1 1/2" |
| 23 | 511265 | 1 | Idler Sprocket, 15 Tooth |
| | | 1 | 280667 Bolt, Round Head, Short Square Neck, Grade 5, 5/8" x 2 1/4" |
| | | AR | 87365 Washer, 5/8" |
| | | 1 | 84057 Lockwasher, 5/8" |
| | | 1 | 84947 Nut, 5/8" |
| 24 | 184353 | 1 | Washer, Special |
| 25 | 712836 | 1 | Shield Weld Assembly |
| | | 1 | 280689 Wing Screw, 5/16" x 3/4" |
| | | 1 | 80664 Washer, 5/16" |
| 26 | 616414 | 2 | Seal |

MODEL 722R ROW CROP
GATHERING CHAIN GROUP



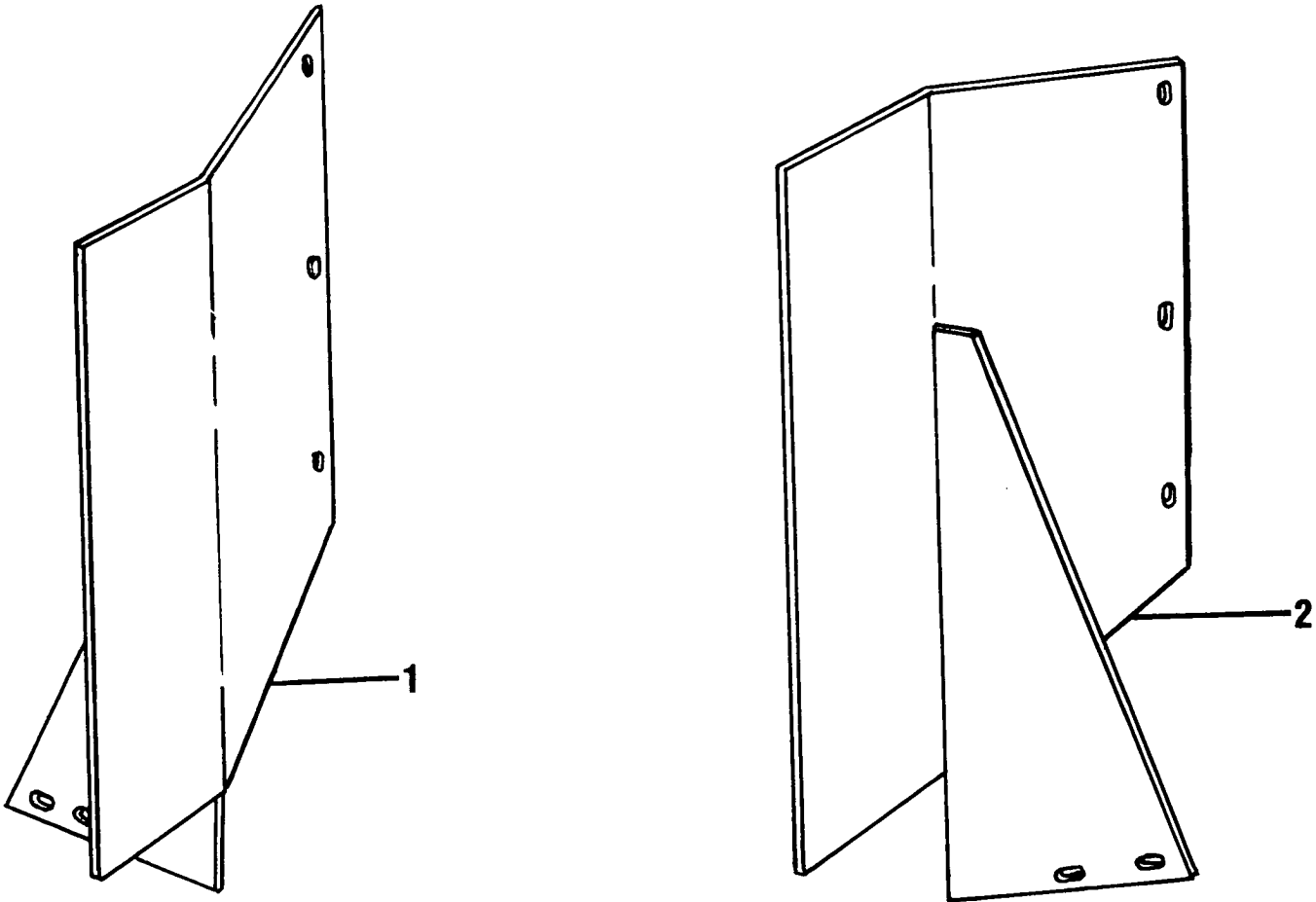
MODEL 722R ROW CROP
GATHERING CHAIN GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 1 | 573265 | 1 | Wear Strip, RH 3 271288 Lockscrew, USR, 5/16" x 5/8" |
| 2 | 573264 | 1 | Wear Strip, LH 3 271288 Lockscrew, USR, 5/16" x 5/8" |
| 3 | 713605 | 2 | Gathering Chain Assembly, CA620, 56 Pitches |
| 4 | 43614 | 28 | Roller Link, CA620 |
| 5 | 707682 | 28 | Connector Link, CA620 |
| 7 | 280567 | 2 | Hex Slotted Nut, 5/8" UNF 2 80754 Cotter Pin, 3/16" x 1 1/2" |
| 8 | 130358 | 2 | Washer, Special |
| 9 | *617175 | 2 | Sprocket, 9 Tooth --- Replaces 707027 2 47471 Woodruff Key, 1/4" x 1" |
| 10 | 33212 | AR | Washer, Special, .036" Thick (.914mm) |
| 10A | 146258 | AR | Washer, Special, .060" Thick (1.52mm) |
| 11 | 618966 | 2 | Washer, Special --- Replaces 707190 |
| 12 | 48198 | 4 | Tapered Bearing Cone and Seal |
| 13 | 36723 | 4 | Tapered Bearing Cup |
| 14 | 711448 | 2 | Shield |
| 15 | *617173 | 2 | Shaft --- Replaces 573030 |
| 16 | 708756 | AR | Shim |
| 17 | 579925 | 4 | Plate 4 281004 Plow Bolt, 3/8" x 1 1/4" 4 80680 Lockwasher, 3/8" 4 84944 Nut, 3/8" |
| 18 | 767263 | 2 | Disc, Cutting 8 88682 Carriage Bolt, Grade 5, 3/8" x 1" 8 80680 Lockwasher, 3/8" 8 84944 Nut, 3/8" |
| 19 | 287370 | 2 | Disc Weld Assembly |
| 20 | 692300 | 2 | Washer, Special, 1/4" (6.35mm) Thick |
| 21 | 87670 | 2 | Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/4" AR 80679 Lockwasher, 1/2" |
| 22 | 706916 | 2 | Rod Weld Assembly 2 84947 Nut, 5/8" 2 84971 Jam Nut, 5/8" |
| 23 | 35324 | 2 | Spring |
| 24 | 700568 | 2 | Idler Bracket Weld Assembly |
| 25 | 138728 | 2 | Cap 2 280119 Cap Screw, Hex Head, 5/8" x 3 1/2" 2 84057 Lockwasher, 5/8" 2 84947 Nut, 5/8" |
| 26 | 87365 | AR | Washer, 5/8" SAE |
| 27 | 12084 | 2 | Retaining Ring |
| 28 | 66553 | 2 | Ball Bearing |
| 29 | 139289 | 2 | Idler Sprocket, 7 Tooth |
| 30 | 27258 | 2 | Spacer |
| 31 | 139267 | 2 | Guard Weld Assembly |
| 32 | 137560 | 2 | Washer, Special |
| 33 | 27697 | AR | Washer, Special |
| 34 | 234567 | 2 | Washer, Special |

AR - As Required

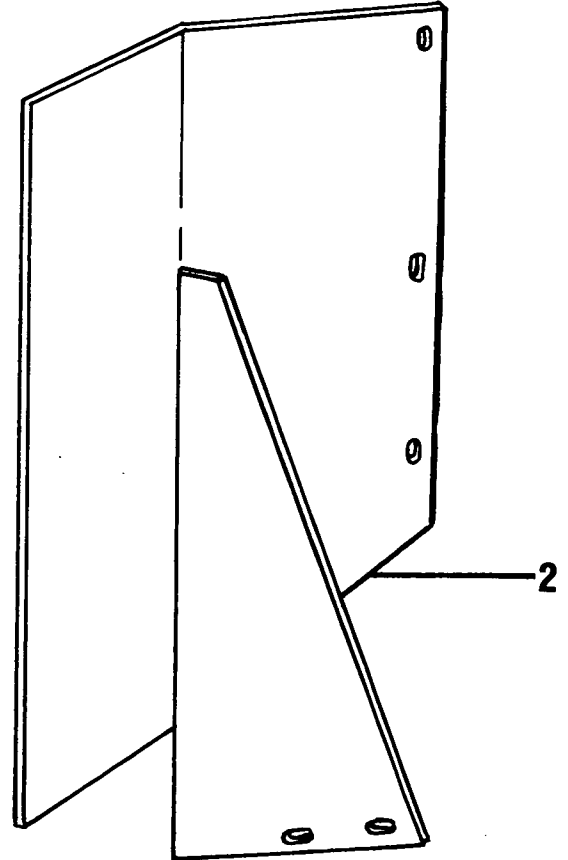
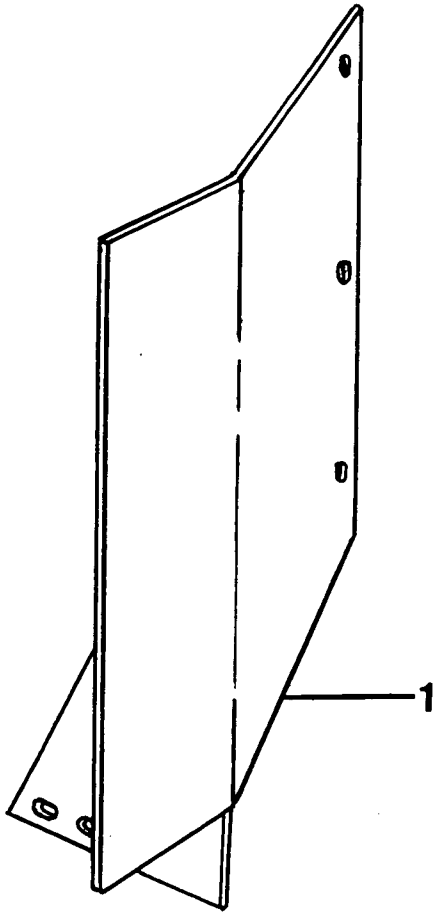
* If replacing a splined sprocket or a shaft with splines at location "X", the machine must be converted to use a Woodruff Key at "X" by using (1) 617173 (Ref. 15) Shaft, (1) 47471 Key and (1) 617175 (Ref. 9) Sprocket; the change to key drive was made at Serial No. 365731.

MODEL 722R ROW CROP
 COMPLETING BUNDLE FOR 782 AND 790 FORAGE HARVESTER



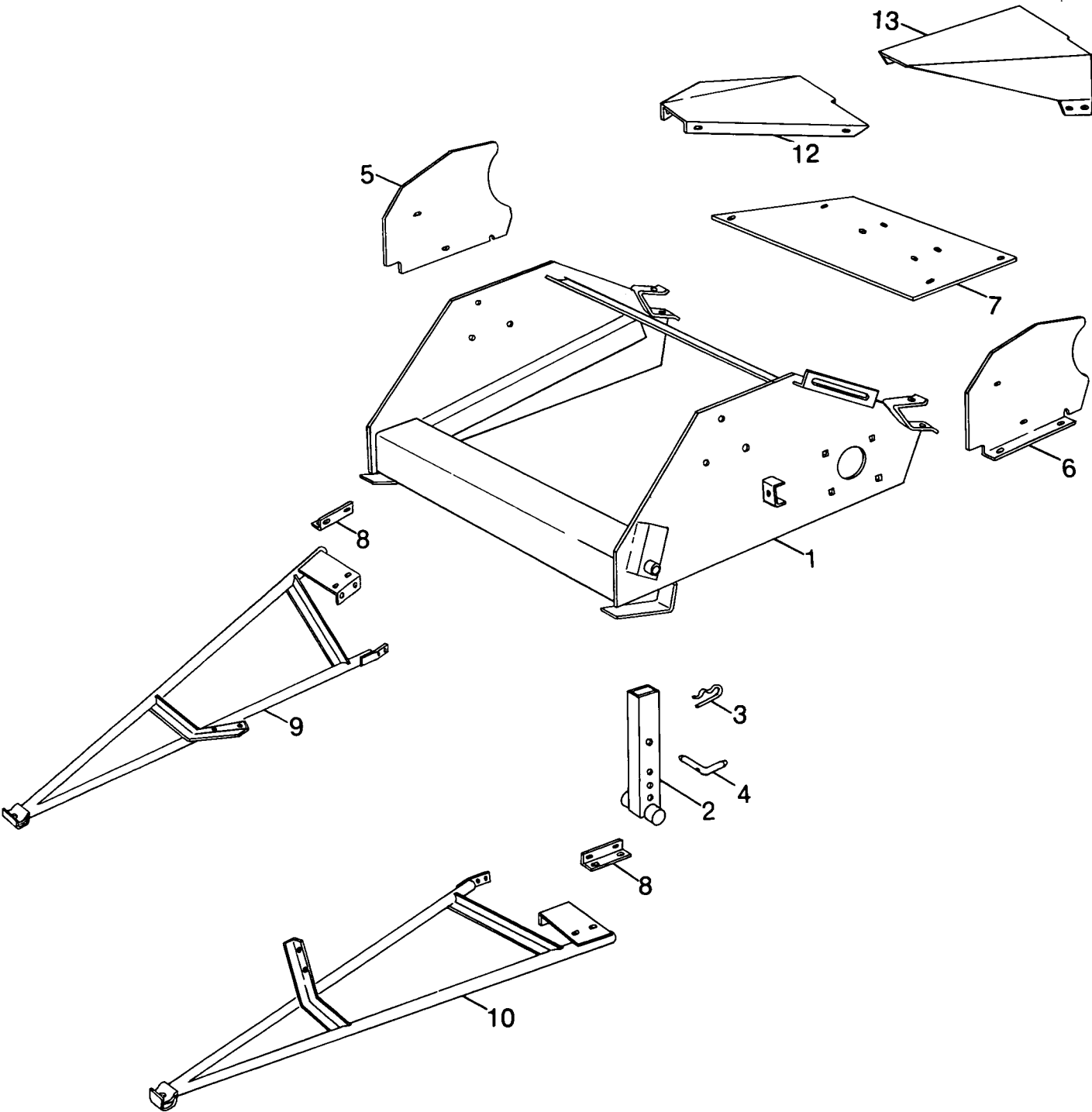
| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 1 | 702232 | 1 | Completing Bundle for 782 and 790 Forage Harvester Extension Weld Assembly, LH 3 280647 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 5/8" 2 88011 Cap Screw, Hex Head, Grade 5, 3/8" x 1 1/4" 4 80701 Washer, 3/8" 2 80680 Lockwasher, 3/8" 3 145458 Locknut, Grade 5, 5/16" 2 84944 Nut, 3/8" |
| 2 | 702233 | 1 | Extension Weld Assembly, RH 3 280647 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 5/8" 2 88011 Cap Screw, Hex Head, Grade 5, 3/8" x 1 1/4" 4 80701 Washer, 3/8" 2 80680 Lockwasher, 3/8" 3 145458 Locknut, Grade 5, 5/16" 2 84944 Nut, 3/8" |

MODEL 722R ROW CROP
 COMPLETING BUNDLE FOR 718 FORAGE HARVESTER



| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 1 | 702234 | 1 | Completing Bundle for 718 Forage Harvester Extension Weld Assembly, LH |
| | | 3 | 280647 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 5/8" |
| | | 2 | 88011 Cap Screw, Hex Head, Grade 5, 3/8" x 1 1/4" |
| | | 4 | 80702 Washer, 3/8" |
| | | 2 | 80680 Lockwasher, 3/8" |
| | | 3 | 145458 Locknut, USR, 5/16" |
| | | 2 | 84944 Nut, 3/8" |
| 2 | 702235 | 1 | Extension Weld Assembly, RH |
| | | 3 | 280647 Bolt, Round Head, Short Square Neck, Grade 5, 5/16" x 5/8" |
| | | 2 | 88011 Cap Screw, Hex Head, Grade 5, 3/8" x 1 1/4" |
| | | 4 | 80702 Washer, 3/8" |
| | | 2 | 80680 Lockwasher, 3/8" |
| | | 3 | 145458 Locknut, USR, 5/16" |
| | | 2 | 84944 Nut, 3/8" |

MODEL 770E CORN SNAPPING ATTACHMENT
MAIN FRAME GROUP

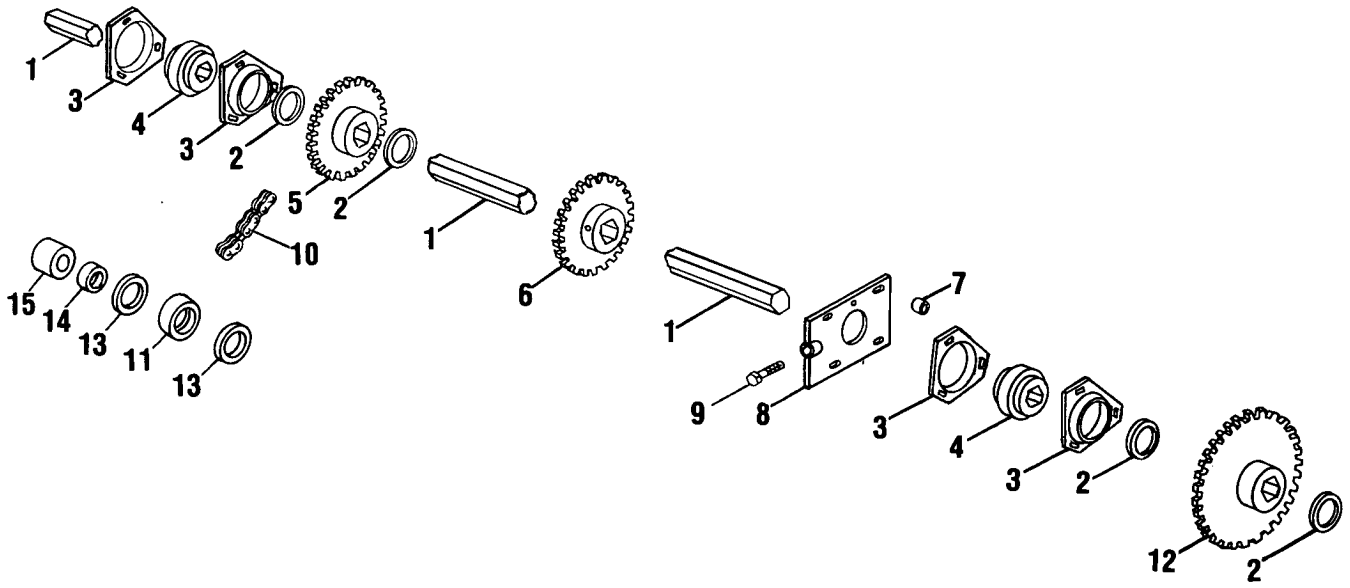


MODEL 770E CORN SNAPPING ATTACHMENT
MAIN FRAME GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 1 | 255869 | 1 | Main Frame Weld Assembly |
| 2 | 248929 | 2 | Leg Weld Assembly |
| 3 | 37851 | 2 | Hairpin Cotter |
| 4 | 255899 | 2 | Pin |
| 5 | 717135 | 1 | Side Sheet, RH |
| | | | 2 88682 Carriage Bolt, Grade 5, 3/8" x 1" |
| | | | 2 80702 Washer, 3/8" |
| | | | 2 80680 Lockwasher, 3/8" |
| | | | 2 84944 Nut, 3/8" |
| 6 | 717136 | 1 | Side Sheet, LH |
| | | | 2 88682 Carriage Bolt, Grade 5, 3/8" x 1" |
| | | | 2 80702 Washer, 3/8" |
| | | | 2 80680 Lockwasher, 3/8" |
| | | | 2 84944 Nut, 3/8" |
| 7 | 717134 | 1 | Floor |
| 8 | 254788 | 2 | Angle |
| | | | 4 88682 Carriage Bolt, Grade 5, 3/8" x 1" |
| | | | 4 80702 Washer, 3/8" |
| | | | 4 80680 Lockwasher, 3/8" |
| | | | 4 84944 Nut, 3/8" |
| 9 | 262330 | 1 | Tube Weld Assembly, RH |
| | | | 6 88682 Carriage Bolt, Grade 5, 3/8" x 1" |
| | | | 6 80702 Washer, 3/8" |
| | | | 6 80680 Lockwasher, 3/8" |
| | | | 6 84944 Nut, 3/8" |
| 10 | 262331 | 1 | Tube Weld Assembly, LH |
| | | | 6 88682 Carriage Bolt, Grade 5, 3/8" x 1" |
| | | | 6 80702 Washer, 3/8" |
| | | | 6 80680 Lockwasher, 3/8" |
| | | | 6 84944 Nut, 3/8" |
| 11 | | 1 | Row Unit Assembly (Refer to Separate Breakdown) |
| | | | 8 87670 Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/4" |
| | | | 8 80700 Washer, 1/2" |
| | | | 8 80679 Lockwasher, 1/2" |
| | | | 4 280431 Nut, Grade 5, 1/2" |
| 12 | 717137 | 1 | Filler, RH |
| | | | 3 88682 Carriage Bolt, Grade 5, 3/8" x 1" |
| | | | 3 80702 Washer, 3/8" |
| | | | 3 80680 Lockwasher, 3/8" |
| | | | 3 84944 Nut, 3/8" |
| 13 | 717138 | 1 | Filler, LH |
| | | | 3 88682 Carriage Bolt, Grade 5, 3/8" x 1" |
| | | | 3 80702 Washer, 3/8" |
| | | | 3 80680 Lockwasher, 3/8" |
| | | | 3 84944 Nut, 3/8" |
| | 247532 | AR | Decal Set |

AR - As Required

MODEL 770E CORN SNAPPING ATTACHMENT
MAIN DRIVE GROUP

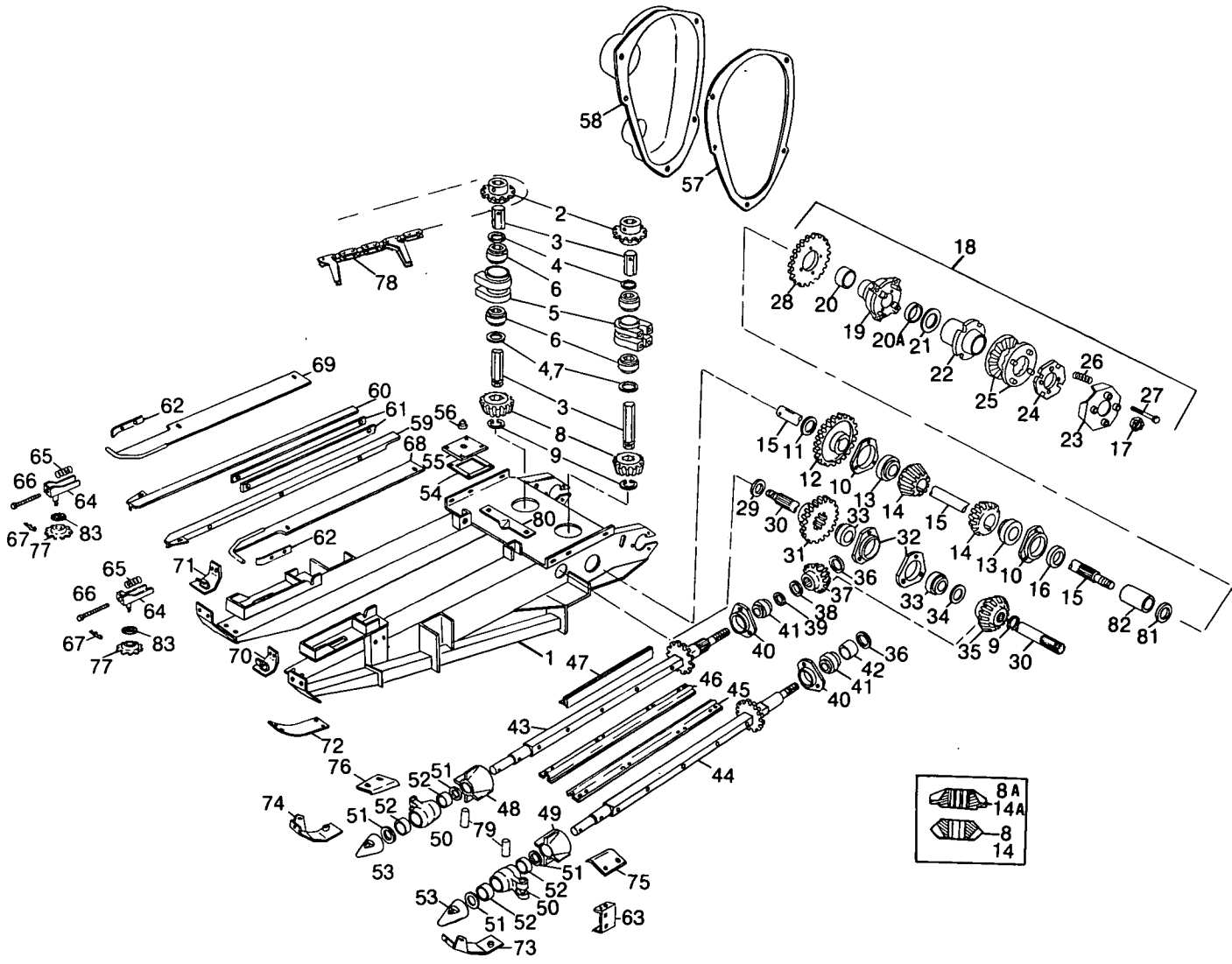


MODEL 770E CORN SNAPPING ATTACHMENT
MAIN DRIVE GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 255892 | 1 | Shaft, Hex 3 87041 Cotter Pin, 1/4" x 1 3/4" |
| 2 | 58630 | AR | Shim |
| 3 | 578189 | 4 | Flangette 3 88682 Carriage Bolt, Grade 5, 3/8" x 1" 3 281005 Plow Bolt, 3/8" x 1 1/2" 6 80680 Lockwasher, 3/8" 6 84944 Nut, 3/8" |
| 4 | 121602 | 2 | Bearing |
| 5 | 255893 | 1 | Sprocket Weld Assembly, 20 Tooth |
| | 255897 | 1 | Sprocket Weld Assembly, 17 Tooth 1 37836 Spacer 1 280514 Carriage Bolt, Grade 5, 3/8" x 2 1/4" 1 80702 Washer, 3/8" 1 36803 Washer 2 88902 Locknut, Grade C, 3/8" |
| 6 | 263395 | 1 | Sprocket Weld Assembly, 16 Tooth 2 88949 Set Screw, Square Head, Cup Point, 5/16" x 5/8" 2 84968 Jam Nut, 5/16" |
| 7 | 35370 | 3 | Spacer |
| 8 | 255882 | 1 | Flat Weld Assembly 4 88682 Carriage Bolt, Grade 5, 3/8" x 1" 4 80702 Washer, 3/8" 4 80680 Lockwasher, 3/8" 4 84944 Nut, 3/8" |
| 9 | 280615 | 1 | Tap Bolt, 1/2" x 2 1/2" 1 36491 Washer 1 84970 Jam Nut, 1/2" |
| 10 | 136758 | 1 | Chain Assembly, RC 60, 40 Pitches |
| | 256025 | 1 | Chain Assembly, RC 60, 33 Pitches AR 25808 Roller Link AR 25812 Connector Link AR 25817 Offset Link |
| 11 | 49309 | 1 | Bearing 1 87974 Cap Screw, Hex Head, Grade 5, 1/2" x 2 3/4" 2 87364 Washer, 1/2" 1 80679 Lockwasher, 1/2" 1 280431 Nut, Grade 5, 1/2" |
| 12 | 255895 | 1 | Sprocket Weld Assembly, 15 Tooth |
| 13 | 00721 | 2 | Washer, Special |
| 14 | 25937 | 1 | Spacer |
| 15 | 54627 | 1 | Spacer |

AR - As Required

MODEL 770E CORN SNAPPING ATTACHMENT
ROW UNIT GROUP



MODEL 770E CORN SNAPPING ATTACHMENT
ROW UNIT GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|------------|----------|---|
| 1 | (a) 262450 | 1 | Frame Weld Assembly |
| | (b) 703546 | 1 | Frame Weld Assembly |
| 2 | (a) 135426 | AR | Sprocket Weld Assembly, 8 Tooth |
| | (a) 263106 | AR | Sprocket Weld Assembly, 7 Tooth |
| | (b) 572371 | 2 | Sprocket Weld Assembly, 7 Tooth 2 87681 Spring Pin, 5/16" x 1 3/4" |
| 3 | 195353 | 2 | Hex Shaft |
| 4 | 33212 | AR | Washer, Special |
| 5 | 218065 | 2 | Bearing Housing 8 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" 8 80680 Lockwasher, 3/8" |
| 6 | 135423 | 4 | Ball Bearing |
| 7 | 197862 | AR | Shim |
| 8 | 135225 | 2 | Miter Gear |
| 8A | *607718 | 2 | Miter Gear |
| 9 | 25121 | 3 | Retaining Ring |
| 10 | 224454 | 2 | Bearing Housing 6 88011 Cap Screw, Hex Head, Grade 5, 3/8" x 1 1/4" 6 80680 Lockwasher, 3/8" 6 84944 Nut, 3/8" |
| 11 | 229746 | 1 | Washer, Special |
| 12 | 238265 | 1 | Gear, 34 Tooth 1 127438 Woodruff Key, 1/4" x 1 1/4", HT, #21 |
| 13 | 45882 | 2 | Bearing |
| 14 | 238266 | 2 | Miter Gear |
| 14A | *607717 | 2 | Miter Gear 2 47471 Woodruff Key, 1/4" x 1", HT, #15 |
| 15 | 202928 | 1 | Shaft (Includes Ref. Nos. 81 and 82) 1 88313 Groove Pin, Type "E", 1/4" x 1 3/4" |
| 16 | 255083 | 1 | Washer, Special |
| 17 | 88886 | 1 | Slotted Nut, 3/4" UNF 1 80754 Cotter Pin, 3/16" x 1 1/2" 1 165144 Washer, Special |
| 18 | 716381 | 1 | Clutch Assembly (Includes Ref. Nos. 19 thru 28) |
| 19 | 255589 | 1 | Clutch Hub w/Ref. Nos. 20 and 20A |
| 20 | 132915 | 1 | Bushing |
| 20A | 255080 | 1 | Bushing |
| 21 | 263422 | 1 | Washer, Special |
| 22 | 255078 | 1 | Ratchet Hub 1 87414 Lube Fitting, 1/4"-28, Straight |
| 23 | 634976 | 1 | Bracket Weld Assembly --- Replaces 285004 |
| 24 | 263030 | 1 | Clutch Plate |
| 25 | 714379 | 2 | Ratchet Clutch |
| 26 | 634975 | 5 | Compression Spring --- Replaces 165526 |
| 27 | 719249 | 4 | Bolt 4 87240 Slotted Nut, 1/2" 4 80756 Cotter Pin, 1/8" x 3/4" |
| 28 | 262363 | 1 | Sprocket, 22 Tooth 4 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" 4 80680 Lockwasher, 3/8" |
| 29 | 124150 | 1 | Washer, Special |
| 30 | 238260 | 1 | Shaft 1 87440 Hex Slotted Nut, 1/2" UNF 1 80755 Cotter Pin, 1/8" x 1" |
| 31 | 238263 | 1 | Pinion, 16 Tooth |

AR - As Required

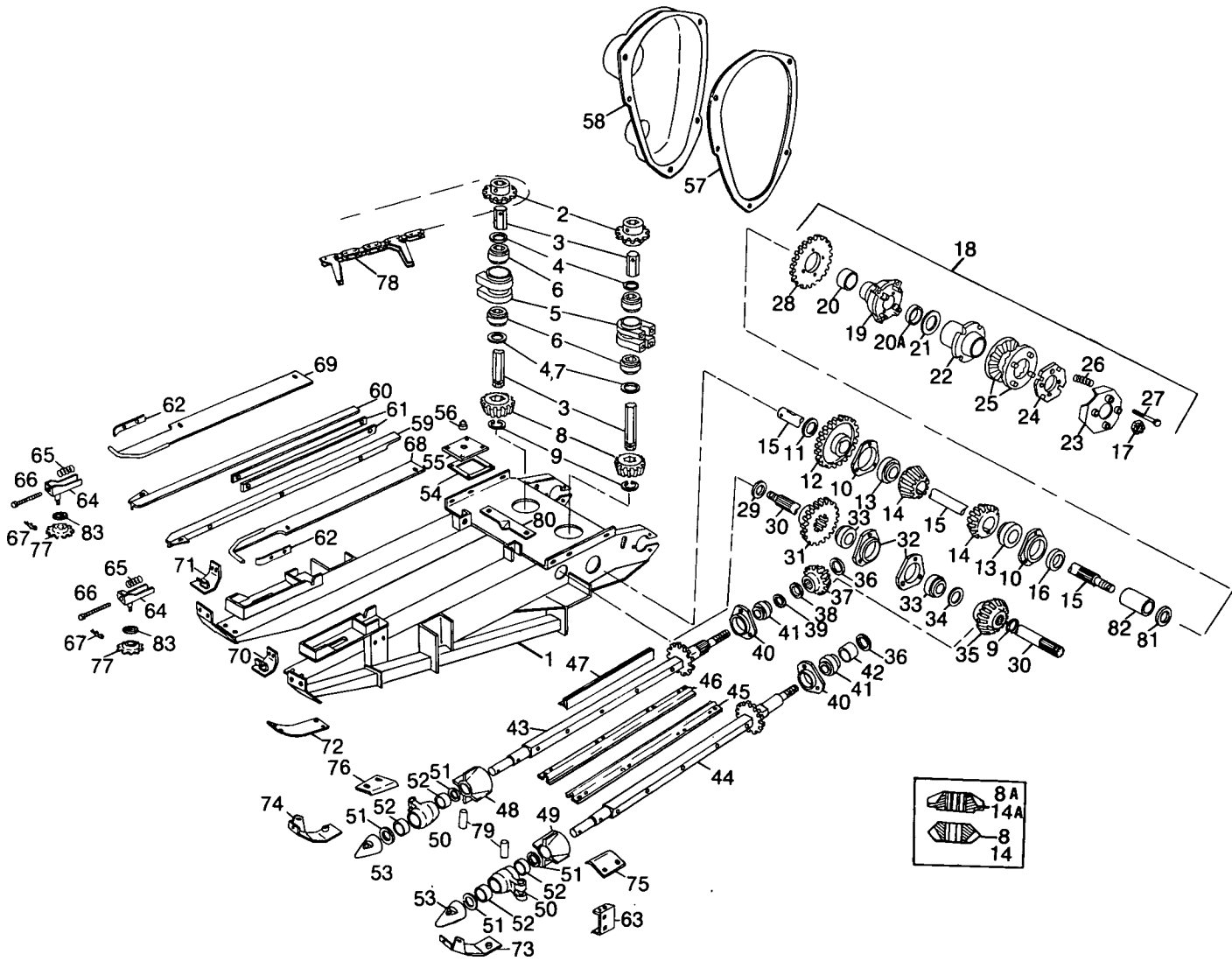
* Gear change to occur approximately Dec. 1979

(a) Used on and below Serial No. 256988

(b) Used on and above Serial No. 256989

CONTINUED

MODEL 770E CORN SNAPPING ATTACHMENT
ROW UNIT GROUP (CONTINUED)



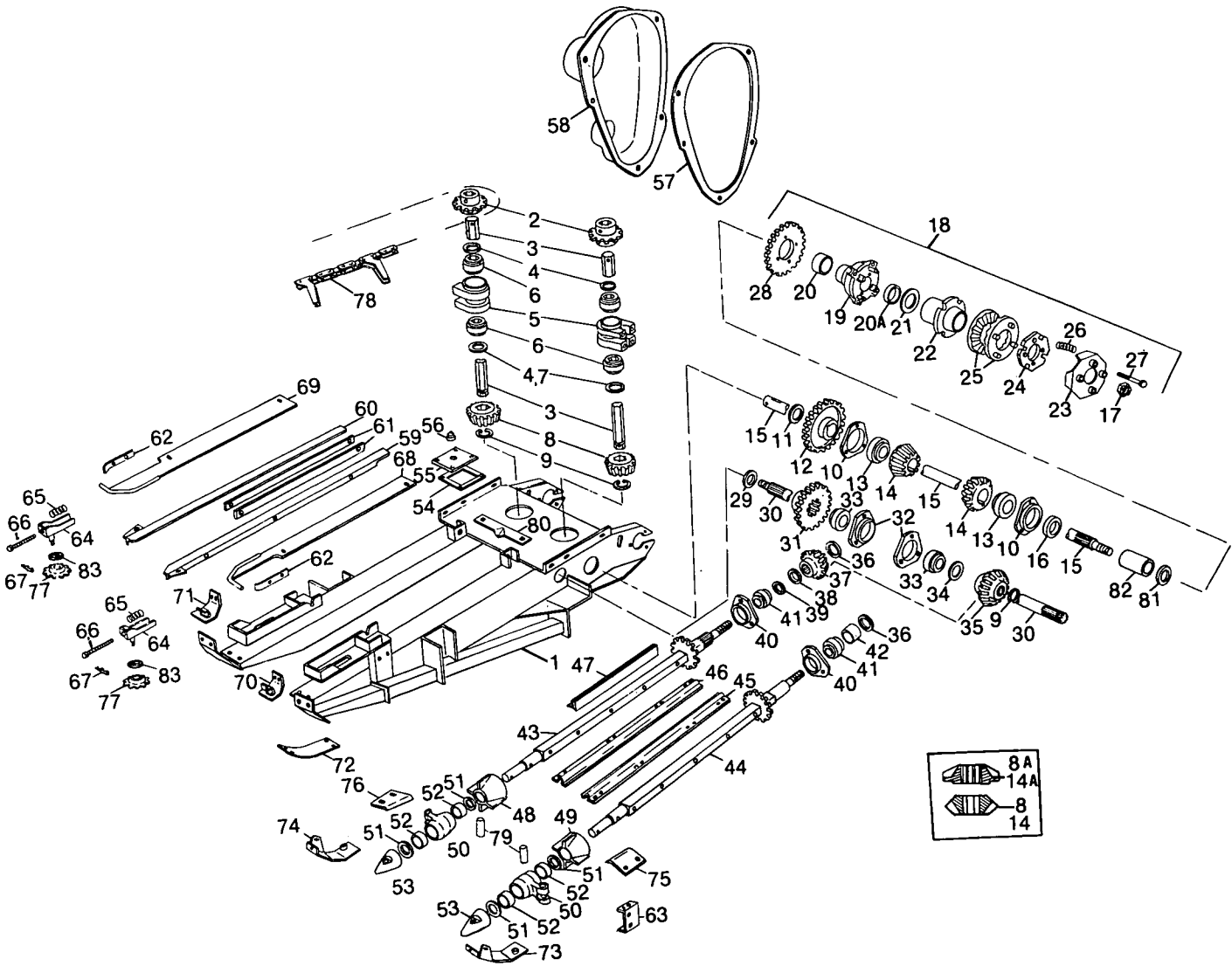
MODEL 770E CORN SNAPPING ATTACHMENT
ROW UNIT GROUP (CONTINUED)

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 32 | 238259 | 2 | Bearing Housing 3 280428 Carriage Bolt, Grade 5, 5/16" x 1" 3 88543 Cap Screw, Hex Head, 5/16" x 1" 6 80681 Lockwasher, 5/16" 6 84943 Nut, 5/16" |
| 33 | 574844 | 2 | Ball Bearing |
| 34 | 26129 | AR | Washer, Spacer |
| 35 | 238257 | 1 | Bevel Gear, 21 Tooth |
| 36 | 165145 | 2 | Washer |
| 37 | 224594 | 1 | Bevel Pinion, 15 Tooth |
| 38 | 00672 | AR | Washer, Spacer |
| 39 | 56705 | AR | Washer, Spacer |
| 40 | 224453 | 2 | Bearing Housing 6 88682 Carriage Bolt, Grade 5, 3/8" x 1" 6 80680 Lockwasher, 3/8" 6 84944 Nut, 3/8" |
| 41 | 131230 | 2 | Bearing |
| 42 | 76727 | 1 | Tube |
| 43 | 262270 | 1 | Shaft Weld Assembly, Driver 1 80754 Cotter Pin, 3/16" x 1 1/2" 1 87340 Lockwasher, 3/4" 1 88886 Hex Slotted Nut, 3/4" UNF |
| 44 | 262269 | 1 | Shaft Weld Assembly, Driven 1 80754 Cotter Pin, 3/16" x 1 1/2" 1 87340 Lockwasher, 3/4" 1 88886 Hex Slotted Nut, 3/4" UNF |
| 45 | 703414 | 4 | Roll Blade, LH 8 87975 Cap Screw, Hex Head, Grade 5, 1/2" x 2 1/4" 8 88871 Locknut, Grade C, 1/2" |
| 46 | 703415 | 4 | Roll Blade, RH 8 87975 Cap Screw, Hex Head, Grade 5, 1/2" x 2 1/4" 8 88871 Locknut, Grade C, 1/2" |
| 47 | 262333 | 2 | Roll Knife, Cut-Off 2 88546 Cap Screw, Hex Head, Grade 5, 3/8" x 2 1/4" 2 88902 Locknut, Grade C, 3/8" |
| 48 | 261511 | 1 | Extension, RH 1 87597 Spring Pin, 3/8" x 2 1/2" 1 280179 Spring Pin, 7/32" x 2 1/2" |
| 49 | 261509 | 1 | Extension, LH 1 87597 Spring Pin, 3/8" x 2 1/2" 1 280179 Spring Pin, 7/32" x 2 1/2" |
| 50 | 262293 | 2 | Bearing Housing 4 87415 Lube Fitting, Self-Tapping, 1/4"-28, 90° 2 87996 Cap Screw, Hex Head, Grade 5, 1/2" x 4 1/2" 2 80700 Washer, 1/2" 2 88871 Locknut, Grade C, 1/2" |
| 51 | 64852 | 4 | Oil Seal |
| 52 | 63805 | 4 | Needle Bearing |
| 53 | 620382 | 2 | Roll Point 2 87757 Spring Pin, 3/16" x 1 1/2" 2 87947 Spring Pin, 5/16" x 1 1/2" |
| 54 | 216551 | 1 | Gasket |
| 55 | 216305 | 1 | Cover 4 87872 Cap Screw, Hex Head, Grade 5, 5/16" x 3/4" 4 80681 Lockwasher, 5/16" |

AR - As Required

CONTINUED

MODEL 770E CORN SNAPPING ATTACHMENT
ROW UNIT GROUP (CONTINUED)



MODEL 770E CORN SNAPPINT ATTACHMENT
ROW UNIT GROUP (CONTINUED)

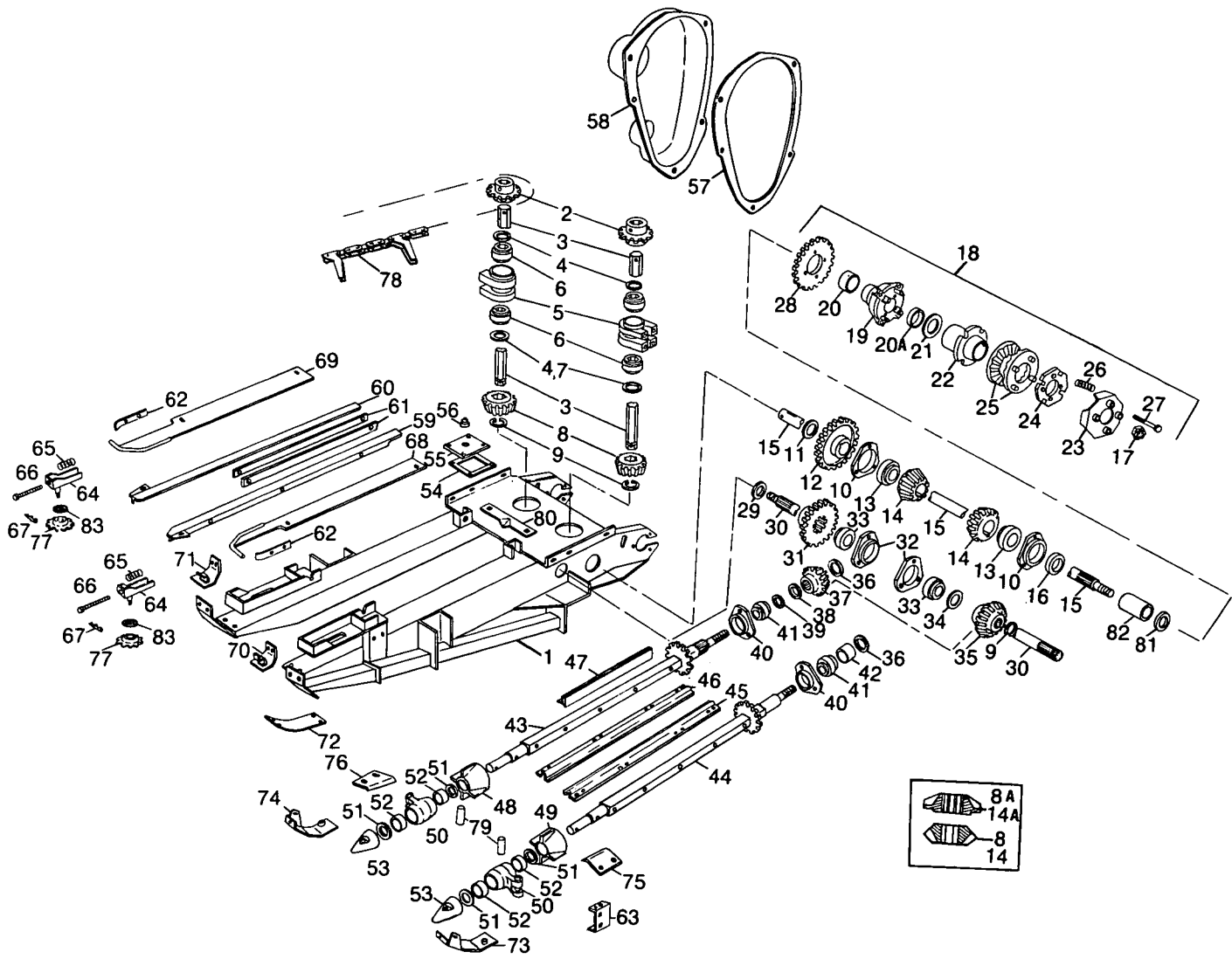
| Ref. No. | Part No. | No. Used | Description |
|----------|------------|----------|--|
| 56 | 13751 | 2 | Pipe Plug Assembly 2 87395 Cotter Pin, 1/8" x 1 1/4" 2 80788 Pipe Plug, 3/4" |
| 57 | 239444 | 1 | Gasket |
| 58 | 239443 | 1 | Cover 4 88542 Cap Screw, Hex Head, Grade 5, 1/4" x 1/2" 4 80682 Lockwasher, 1/4" |
| 59 | 254805 | 1 | Chain Guide Weld Assembly, LH 2 88589 Plow Bolt, 3/8" x 1" 2 80680 Lockwasher, 3/8" 2 84944 Nut, 3/8" |
| 60 | 254806 | 1 | Chain Guide Weld Assembly, RH 2 88589 Plow Bolt, 3/8" x 1" 2 80680 Lockwasher, 3/8" 2 84944 Nut, 3/8" |
| 61 | 224718 | 2 | Wear Strip 4 88589 Plow Bolt, 3/8" x 1" 4 80680 Lockwasher, 3/8" 4 84944 Nut, 3/8" |
| 62 | 254265 | 2 | Wear Strip 4 88589 Plow Bolt, 3/8" x 1" 4 80680 Lockwasher, 3/8" 4 84944 Nut, 3/8" |
| 63 | 262319 | 2 | Angle Weld Assembly |
| 64 | (a) 262210 | 2 | Bracket Weld Assembly |
| | (b) 634584 | 2 | Bracket Weld Assembly --- Replaces 254814 |
| 65 | 254526 | 2 | Compression Spring |
| 66 | 619144 | 2 | Bolt --- Replaces 254790 4 84971 Hex Jam Nut, 5/8" |
| 67 | 37851 | 2 | Hairpin Cotter |
| 68 | 254799 | 1 | Deck Plate Weld Assembly, LH 3 88682 Carriage Bolt, Grade 5, 3/8" x 1" 2 285072 Washer, Special 3 80680 Lockwasher, 3/8" 3 84944 Nut, 3/8" |
| 69 | 254801 | 1 | Deck Plate Weld Assembly, RH 3 88682 Carriage Bolt, Grade 5, 3/8" x 1" 2 285072 Washer, Special 3 80680 Lockwasher, 3/8" 3 84944 Nut, 3/8" |
| 70 | 198723 | 1 | Bracket Weld Assembly, LH 2 88682 Carriage Bolt, Grade 5, 3/8" x 1" 2 80680 Lockwasher, 3/8" 2 84944 Nut, 3/8" |
| 71 | 198724 | 1 | Bracket Weld Assembly, RH 2 88682 Carriage Bolt, Grade 5, 3/8" x 1" 2 80680 Lockwasher, 3/8" 2 84944 Nut, 3/8" |
| 72 | 254264 | 2 | Wear Shoe 6 88682 Carriage Bolt, Grade 5, 3/8" x 1" 2 80702 Washer, 3/8" 6 80680 Lockwasher, 3/8" 6 84944 Nut, 3/8" |

(a) Used on and below Serial No. 256988

(b) Used on and above Serial No. 256989

CONTINUED

MODEL 770E CORN SNAPPING ATTACHMENT
ROW UNIT GROUP (CONTINUED)



MODEL 770E CORN SNAPPING ATTACHMENT
ROW UNIT GROUP (CONTINUED)

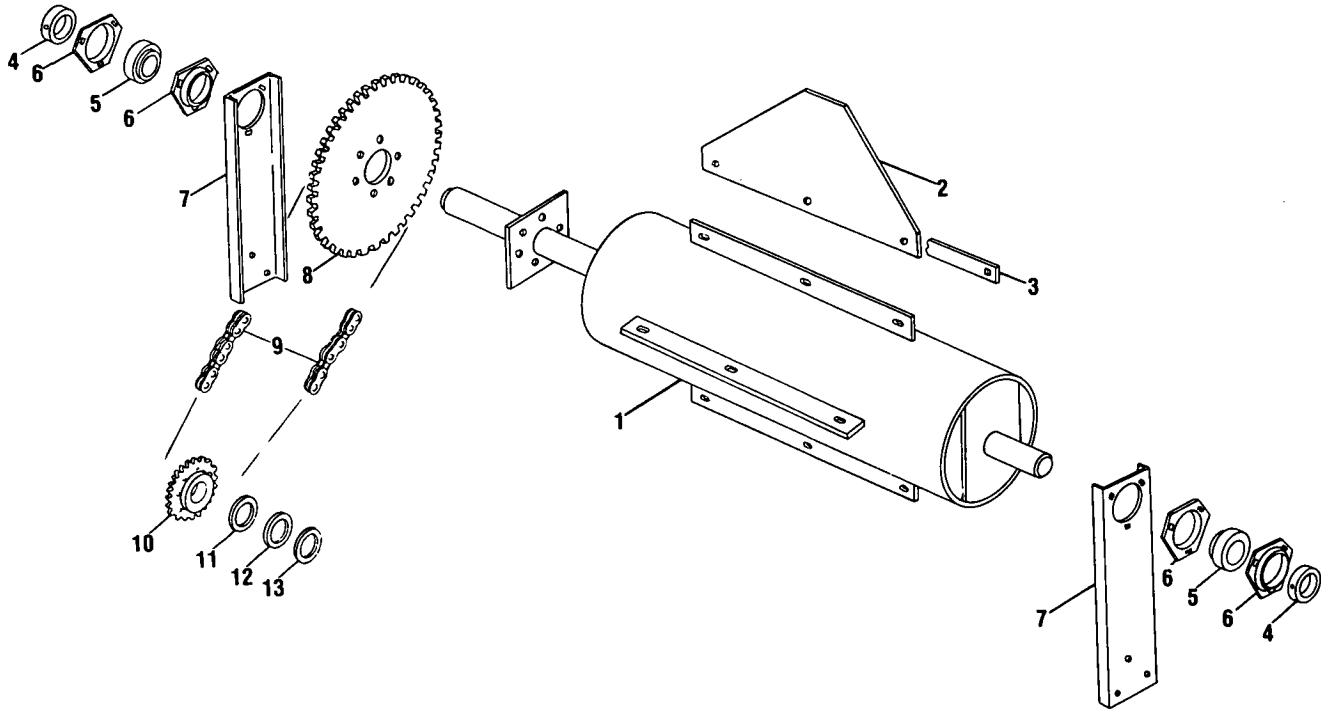
| Ref. No. | Part No. | No. Used | Description |
|----------|--------------------------|----------|---|
| 73 | 262320 | 1 | Shield, LH 1 88682 Carriage Bolt, Grade 5, 3/8" x 1" 1 88044 Cap Screw, Hex Head, 3/8" x 1 1/2" 1 80702 Washer, 3/8" 2 80680 Lockwasher, 3/8" 2 84944 Nut, 3/8" |
| 74 | 262321 | 1 | Shield, RH 1 88682 Carriage Bolt, Grade 5, 3/8" x 1" 1 88044 Cap Screw, Hex Head, 3/8" x 1 1/2" 1 80702 Washer, 3/8" 2 80680 Lockwasher, 3/8" 2 84944 Nut, 3/8" |
| 75 | 262317 | 1 | Front Knife, LH 1 88681 Carriage Bolt, Grade 5, 3/8" x 1 1/4" 1 280503 Bolt, Round Head, Short Square Neck, Grade 5, 3/8" x 1" 2 80702 Washer, 3/8" 2 80680 Lockwasher, 3/8" 2 84944 Nut, 3/8" |
| 76 | 262318 | 1 | Front Knife, RH 1 88681 Carriage Bolt, Grade 5, 3/8" x 1 1/4" 1 280503 Bolt, Round Head, Short Square Neck, Grade 5, 3/8" x 1" 2 80702 Washer, 3/8" 2 80680 Lockwasher, 3/8" 2 84944 Nut, 3/8" |
| 77 | (a) 135444 (b) 573399 | 2 2 | Idler Sprocket Idler Sprocket 2 80755 Cotter Pin, 1/8" x 1" 2 80700 Washer, 1/2" 2 87240 Slotted Nut, 1/2" UNC |
| 78 | (a) 262179 (b) 254926 | 2 2 | Gathering Chain Assembly, CA 2060H, 64 Pitches Gathering Chain Assembly, CA 555, 60 Pitches (a)AR 164387 Regular Link (b)AR 604952 Roller Link (a)AR 137356 Connecting Link (a)AR 137354 Attachment Link (b)AR 604953 Offset Link |
| 79 | 262364 | 2 | Spacer |
| 80 | 791996 | 1 | Wear Plate --- Replaces 255032 2 88682 Carriage Bolt, Grade 5, 3/8" x 1" 2 80702 Washer, 3/8" 2 80680 Lockwasher, 3/8" 2 84944 Nut, 3/8" |
| 81 | 268244 | 1 | Washer |
| 82 | 268242 | 1 | Collar |
| 83 | 617726 | 2 | Spacer |

AR - As Required

(a) Used on and below Serial No. 256988

(b) Used on and above Serial No. 256989

MODEL 770E CORN SNAPPING ATTACHMENT
BEATER AND BEATER DRIVE GROUP

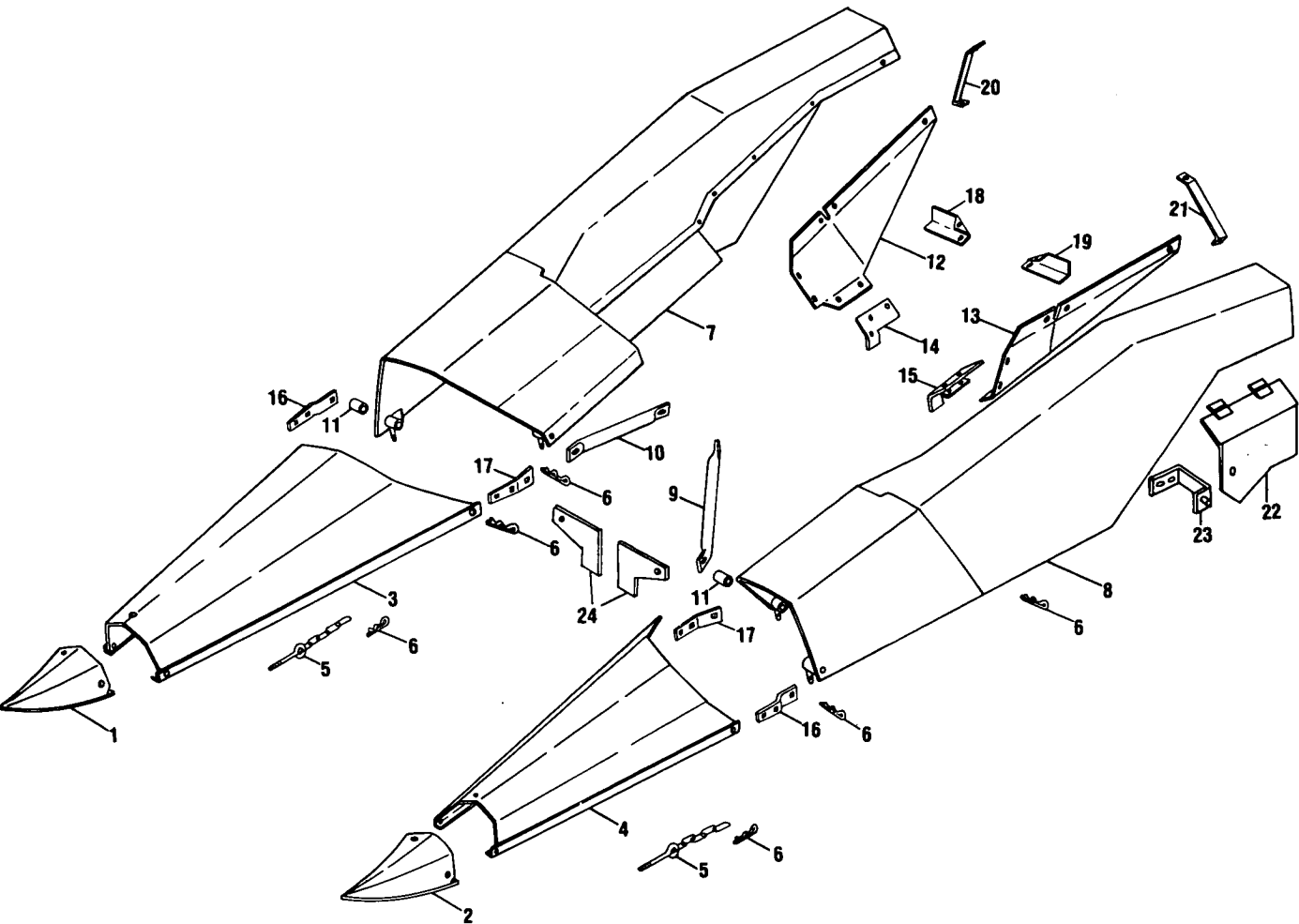


MODEL 770E CORN SNAPPING ATTACHMENT
 BEATER AND BEATER DRIVE GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 263386 | 1 | Beater Weld Assembly |
| 2 | 263393 | 4 | Paddle, Flexible |
| 3 | 263392 | 4 | Strip, Paddle |
| | | | 12 88681 Carriage Bolt, Grade 5, 3/8" x 1 1/4" |
| | | | 12 80702 Washer, 3/8" |
| | | | 12 88902 Locknut, Grade C, 3/8" |
| 4 | 38767 | 2 | Collar, Locking |
| 5 | 38766 | 2 | Bearing |
| 6 | 43048 | 4 | Flangette |
| | | | 6 88682 Carriage Bolt, Grade C, 3/8" x 1" |
| | | | 6 80680 Lockwasher, 3/8" |
| | | | 6 84944 Nut, 3/8" |
| 7 | 263394 | 2 | Channel |
| | | | 6 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" |
| | | | 6 80680 Lockwasher, 3/8" |
| | | | 6 84944 Nut, 3/8" |
| 8 | 67332 | 1 | Sprocket, 76 Tooth |
| | | | 6 87657 Cap Screw, Hex Head, Grade 5, 5/16" x 1 1/4" |
| | | | 6 80681 Lockwasher, 5/16" |
| | | | 6 84943 Nut, 5/16" |
| 9 | 263396 | 1 | Chain Assembly, RC 40, 126 Pitches |
| | | | AR 25804 Roller Link |
| | | | AR 25195 Connector Link |
| | | | AR 25815 Offset Link |
| 10 | 103243 | 1 | Idler Sprocket, 18 Tooth |
| | | | 1 280508 Carriage Bolt, Grade 5, 5/8" x 2 1/4" |
| | | | 1 84057 Lockwasher, 5/8" |
| | | | 1 84947 Nut, 5/8" |
| 11 | 27697 | AR | Washer |
| 12 | 80299 | 1 | Washer, 5/8" |
| 13 | 87366 | 1 | Washer, 7/8" |

AR - As Required

MODEL 770E CORN SNAPPING ATTACHMENT
OUTER SHEET METAL GROUP

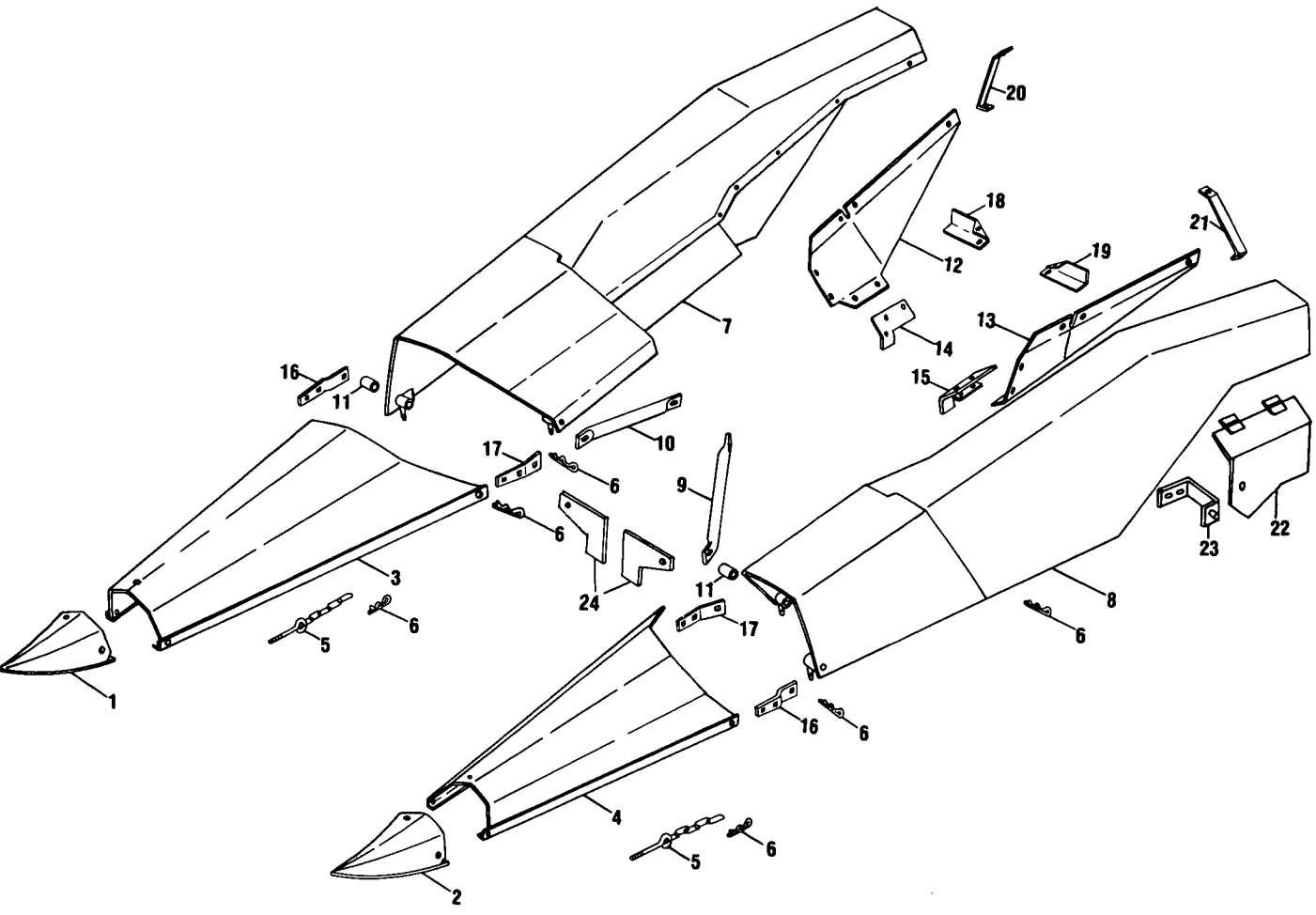


MODEL 770E CORN SNAPPING ATTACHMENT
OUTER SHEET METAL GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 255504 | 1 | Point Weld Assembly, RH 3 135632 Lockscrew, USR, 5/16" x 1/2" 3 145458 Locknut, USR, 5/16" |
| 2 | 255503 | 1 | Point Weld Assembly, LH 3 135632 Lockscrew, USR, 5/16" x 1/2" 3 145458 Locknut, USR, 5/16" |
| 3 | 255519 | 1 | Divider Weld Assembly, RH |
| 4 | 255518 | 1 | Divider Weld Assembly, LH |
| 5 | 198721 | 2 | Chain Assembly 4 58225 Washer, Special 6 84969 Jam Nut, 3/8" |
| 6 | 37851 | 10 | Hairpin Cotter |
| 7 | 248238 | 1 | Outer Sheet Weld Assembly, RH |
| 8 | 248237 | 1 | Outer Sheet Weld Assembly, LH |
| 9 | 262599 | 1 | Tube, Long 2 88434 Cap Screw, Hex Head, Grade 5, 3/8" x 3/4" 2 80702 Washer, 3/8" 2 80680 Lockwasher, 3/8" 2 84944 Nut, 3/8" 2 88902 Locknut, Grade C, 3/8" |
| 10 | 262600 | 1 | Tube, Short 2 88434 Cap Screw, Hex Head, Grade 5, 3/8" x 3/4" 2 80680 Lockwasher, 3/8" 2 84944 Nut, 3/8" |
| 11 | 198722 | 4 | Divider Pivot Tube 4 280806 Carriage Bolt, Grade 5, 3/8" x 3" 4 80702 Washer, 3/8" 4 80680 Lockwasher, 3/8" 4 84944 Nut, 3/8" |
| 12 | 255890 | 1 | Cover Sheet, RH 5 135632 Lockscrew, USR, 5/16" x 1/2" 5 145458 Locknut, USR, 5/16" |
| 13 | 255891 | 1 | Cover Sheet, LH 5 135632 Lockscrew, USR, 5/16" x 1/2" 5 145458 Locknut, USR, 5/16" |
| 14 | 222345 | 1 | Angle, RH 5 135632 Lockscrew, USR, 5/16" x 1/2" 5 145458 Locknut, USR, 5/16" |
| 15 | 222344 | 1 | Angle, LH 5 135632 Lockscrew, USR, 5/16" x 1/2" 5 145458 Locknut, USR, 5/16" |
| 16 | 255509 | 2 | Pivot Strap 4 88682 Carriage Bolt, Grade 5, 3/8" x 1" 4 80680 Lockwasher, 3/8" 4 84944 Nut, 3/8" |
| 17 | 255510 | 2 | Pivot Bracket 4 88682 Carriage Bolt, Grade 5, 3/8" x 1" 4 80680 Lockwasher, 3/8" 4 84944 Nut, 3/8" |
| 18 | 262238 | 1 | Filler, RH 2 135270 Lockscrew, USR, 5/16" x 3/4" 2 145458 Locknut, USR, 5/16" |
| 19 | 262239 | 1 | Filler, LH 2 135270 Lockscrew, USR, 5/16" x 3/4" 2 145458 Locknut, USR, 5/16" |

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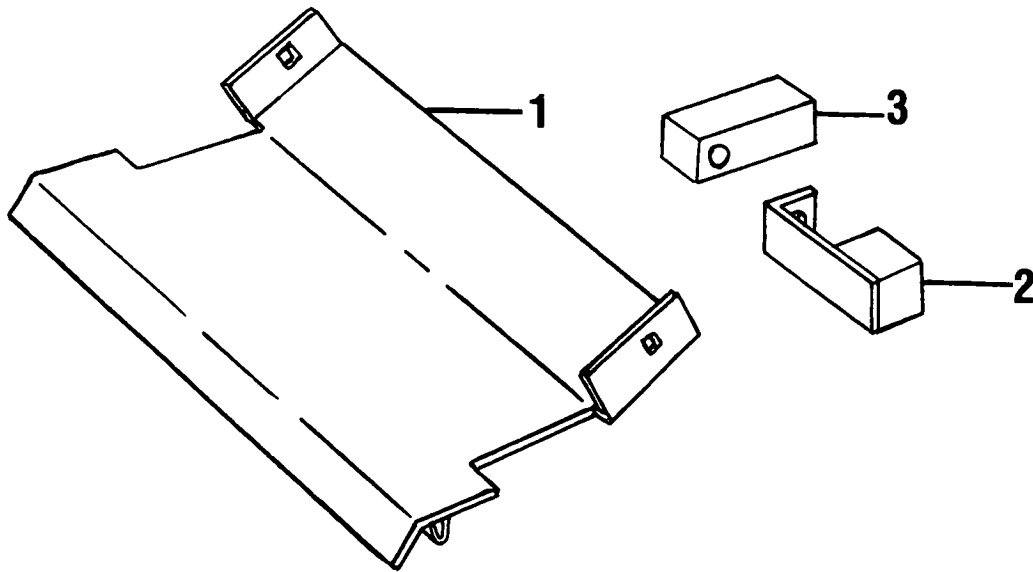
MODEL 770E CORN SNAPPING ATTACHMENT
OUTER SHEET METAL GROUP (CONTINUED)



MODEL 770E CORN SNAPPING ATTACHMENT
 OUTER SHEET METAL GROUP (CONTINUED)

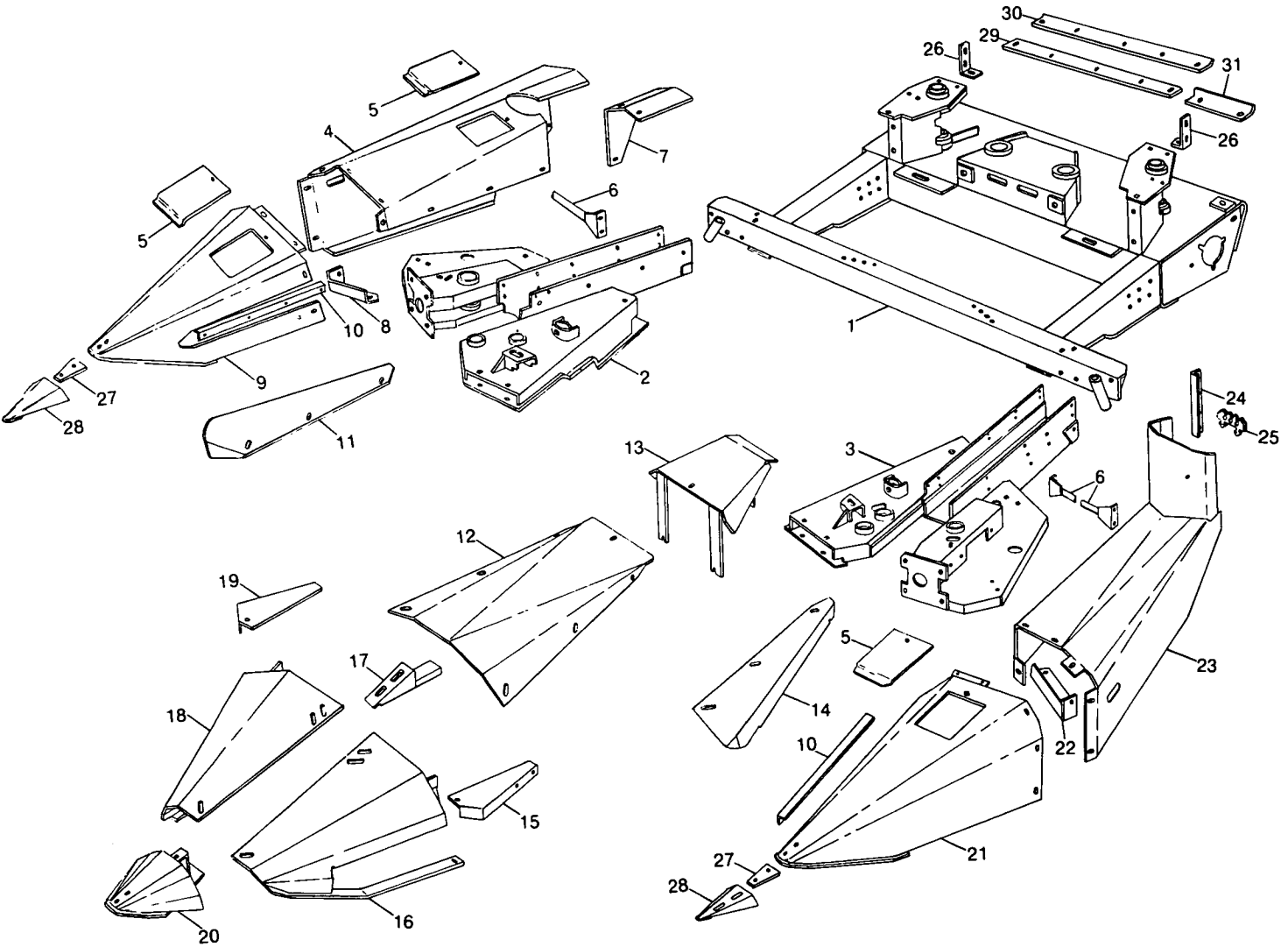
| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 20 | 266135 | 1 | Strip, RH 2 135632 Lockscrew, USR, 5/16" x 1/2" 2 145458 Locknut, USR, 5/16" |
| 21 | 266134 | 1 | Strip, LH 2 135632 Lockscrew, USR, 5/16" x 1/2" 2 145458 Locknut, USR, 5/16" |
| 22 | 712069 | 1 | Shield Weld Assembly 4 88573 Cap Screw, Hex Head, Grade 5, 1/4" x 3/4" 4 80701 Washer, 1/4" 4 80682 Lockwasher, 1/4" 4 84942 Nut, 1/4" |
| 23 | 712071 | 1 | Bracket Weld Assembly 2 88543 Cap Screw, Hex Head, Grade 5, 5/16" x 1" 5 80664 Washer, 5/16" 2 80681 Lockwasher, 5/16" 2 84943 Nut, 5/16" 1 80801 Wing Nut, 5/16" |
| 24 | 603103 | 2 | Ear Retainer 2 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" 2 80702 Washer, 3/8" 2 88902 Locknut, Grade C, 3/8" |

MODEL 770E CORN SNAPPING ATTACHMENT
COMPLETING PARTS GROUP



| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|----------------------------|
| 1 | 709968 | 1 | Floor Weld Assembly |
| | | 2 | 88589 Plow Bolt, 3/8" x 1" |
| | | 2 | 80680 Lockwasher, 3/8" |
| | | 2 | 84944 Nut, 3/8" |
| 2 | 704640 | 2 | Strap Weld Assembly |
| 3 | 716407 | 2 | Block |

MODEL 824 ROW CROP
MAIN FRAME AND SHIELDING GROUP



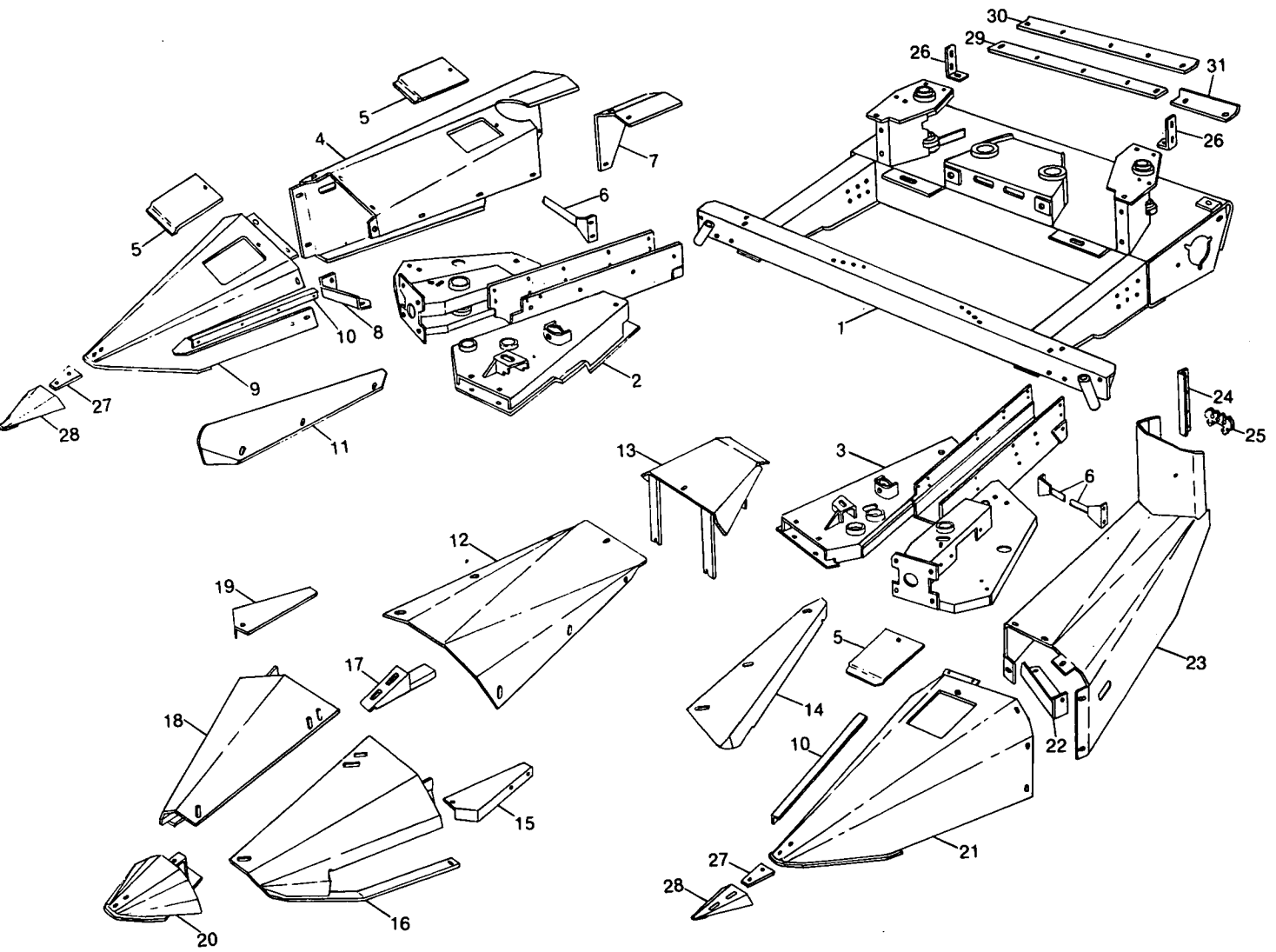
MODEL 824 ROW CROP
MAIN FRAME AND SHIELDING GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 769738 | 1 | Main Frame Weld Assembly |
| 2 | 785827 | 1 | Row Unit Weld Assembly, RH --- Replaces 646449 1 87868 Carriage Bolt, Grade 5, 1/2" x 1 1/4" 1 280856 Carriage Bolt, Grade 5, 1/2" x 5" 1 87996 Cap Screw, Hex Head, Grade 5, 1/2" x 4 1/2" 1 143479 Washer, Special 3 80679 Lockwasher, 1/2" 3 280431 Nut, Grade 5, 1/2" 1 143479 Washer |
| 3 | 785828 | 1 | Row Unit Weld Assembly, LH.--- Replaces 646428 1 87868 Carriage Bolt, Grade 5, 1/2" x 1 1/4" 1 280725 Carriage Bolt, Grade 5, 1/2" x 4 1/2" 1 87996 Cap Screw, Hex Head, Grade 5, 1/2" x 4 1/2" 1 143479 Washer, Special 3 80679 Lockwasher, 1/2" 3 280431 Nut, Grade 5, 1/2" 1 143479 Washer |
| 4 | 646905 | 1 | Fender, RH 11 145913 Lockscrew, USR, 5/16" x 3/4" 9 145458 Locknut, USR, 5/16" |
| 5 | 573453 | 3 | Cover 3 135632 Lockscrew, USR, 5/16" x 1/2" |
| 6 | 646903 | 2 | Support Weld Assembly 4 280731 Cap Screw, Flat Head, 5/16" x 3/4" 4 145913 Lockscrew, USR, 5/16" x 3/4" 8 145458 Locknut, USR, 5/16" |
| 7 | 646966 | 1 | Shield 3 145913 Lockscrew, USR, 5/16" x 3/4" 3 145458 Locknut, USR, 5/16" |
| 8 | 646361 | 1 | Bracket, RH 2 280327 Carriage Bolt, Grade 5, 5/16" x 3/4" 2 87362 Washer, 5/16" 2 80681 Lockwasher, 5/16" 2 84943 Nut, 5/16" |
| 9 | 646615 | 1 | Point Weld Assembly, RH 6 145913 Lockscrew, USR, 5/16" x 3/4" 6 145458 Locknut, USR, 5/16" |
| 10 | 646602 | 2 | Angle 4 145913 Lockscrew, USR, 5/16" x 3/4" 4 145458 Locknut, USR, 5/16" |
| 11 | 646638 | 1 | Cover Weld Assembly, RH 3 135632 Lockscrew, USR, 5/16" x 1/2" 3 145458 Locknut, USR, 5/16" |
| 12 | *679742 | 1 | Center Cover, 24" (610mm) Wide |
| | **679959 | 1 | Center Cover, 18 3/4" (476mm) Wide |
| 13 | 646549 | 1 | Shield Weld Assembly 1 145913 Lockscrew, USR, 5/16" x 3/4" 3 255918 Lockscrew, USR, 3/8" x 3/4" |
| 14 | 646637 | 1 | Cover Weld Assembly, LH 3 135632 Lockscrew, USR, 5/16" x 1/2" 3 145458 Locknut, USR, 5/16" |
| 15 | 646529 | 1 | Bracket, LH 2 280503 Bolt, Short Square Neck, Grade 5, 3/8" x 1" 2 247780 Locknut, Grade 5, 3/8" |

* Used on Wide Row Machines
** Used on Narrow Row Machines

CONTINUED

MODEL 824 ROW CROP
MAIN FRAME AND SHIELDING GROUP
(CONTINUED)



MODEL 824 ROW CROP
MAIN FRAME AND SHIELDING GROUP
(CONTINUED)

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 16 | *646713 | 1 | Cover Weld Assembly, LH, 19" (482mm) Wide |
| | **679961 | 1 | Cover Weld Assembly, LH, 16" (406mm) Wide |
| | | | 1 255918 Lockscrew, USR, 3/8" x 3/4" |
| | | | 1 145913 Lockscrew, USR, 5/16" x 3/4" |
| | | | 2 135270 Lockscrew, USR, 5/16" x 3/4" |
| | | | 2 145458 Locknut, USR, 5/16" |
| 17 | 679792 | 1 | Support Weld Assembly |
| | | | 2 135270 Lockscrew, USR, 5/16" x 3/4" |
| | | | 2 145458 Locknut, USR, 5/16" |
| 18 | *646714 | 1 | Cover Weld Assembly, RH, 19" (482mm) Wide |
| | **679960 | 1 | Cover Weld Assembly, RH, 16" (406mm) Wide |
| | | | 1 255918 Lockscrew, USR, 3/8" x 3/4" |
| | | | 1 145913 Lockscrew, USR, 5/16" x 3/4" |
| | | | 2 135270 Lockscrew, USR, 5/16" x 3/4" |
| | | | 2 145458 Locknut, USR, 5/16" |
| 19 | 646528 | 1 | Bracket, RH |
| | | | 2 280503 Bolt, Short Square Neck, Grade 5, 3/8" x 1" |
| | | | 2 247780 Locknut, USR, 3/8" |
| 20 | 648787 | 1 | Point Weld Assembly, Center |
| | | | 1 145913 Lockscrew, USR, 5/16" x 3/4" |
| | | | 2 88682 Carriage Bolt, Grade 5, 3/8" x 1" |
| | | | 2 87016 Washer, 3/8" |
| | | | 2 80680 Lockwasher, 3/8" |
| | | | 2 84944 Nut, 3/8" |
| 21 | 646614 | 1 | Point Weld Assembly, LH |
| | | | 6 145913 Lockscrew, USR, 5/16" x 3/4" |
| | | | 6 145458 Locknut, USR, 5/16" |
| 22 | 646362 | 1 | Bracket, LH |
| | | | 2 280327 Carriage Bolt, Grade 5, 5/16" x 3/4" |
| | | | 2 87362 Washer, 5/16" |
| | | | 2 80681 Lockwasher, 5/16" |
| | | | 2 84943 Nut, 5/16" |
| 23 | 646904 | 1 | Fender Weld Assembly, LH |
| | | | 11 145913 Lockscrew, USR, 5/16" x 3/4" |
| | | | 9 145458 Locknut, USR, 5/16" |
| 24 | 680728 | 1 | Angle, LH |
| | | | 4 145913 Lockscrew, USR, 5/16" x 3/4" |
| | | | 4 145458 Locknut, USR, 5/16" |
| 25 | 52367 | 1 | Shear Bolt Holder |
| 26 | 646755 | 2 | Bracket, Throat Support |
| | | | 2 145913 Lockscrew, USR, 5/16" x 3/4" |
| 27 | +681467 | 3 | Plate and Nut Weld Assembly (Requires Welding) |
| 28 | +681465 | 3 | Lifter Point |
| | | | 6 135270 Lockscrew, USR, 5/16" x 3/4" |
| 29 | ++644897 | 1 | Seal |
| 30 | ++686737 | 1 | Support Strip |
| 31 | ++686738 | 1 | Back-Up Strip |
| | | | 5 88946 Self-Tapping Screw, 1/4" x 3/4" |

* Used on Wide Row Machines

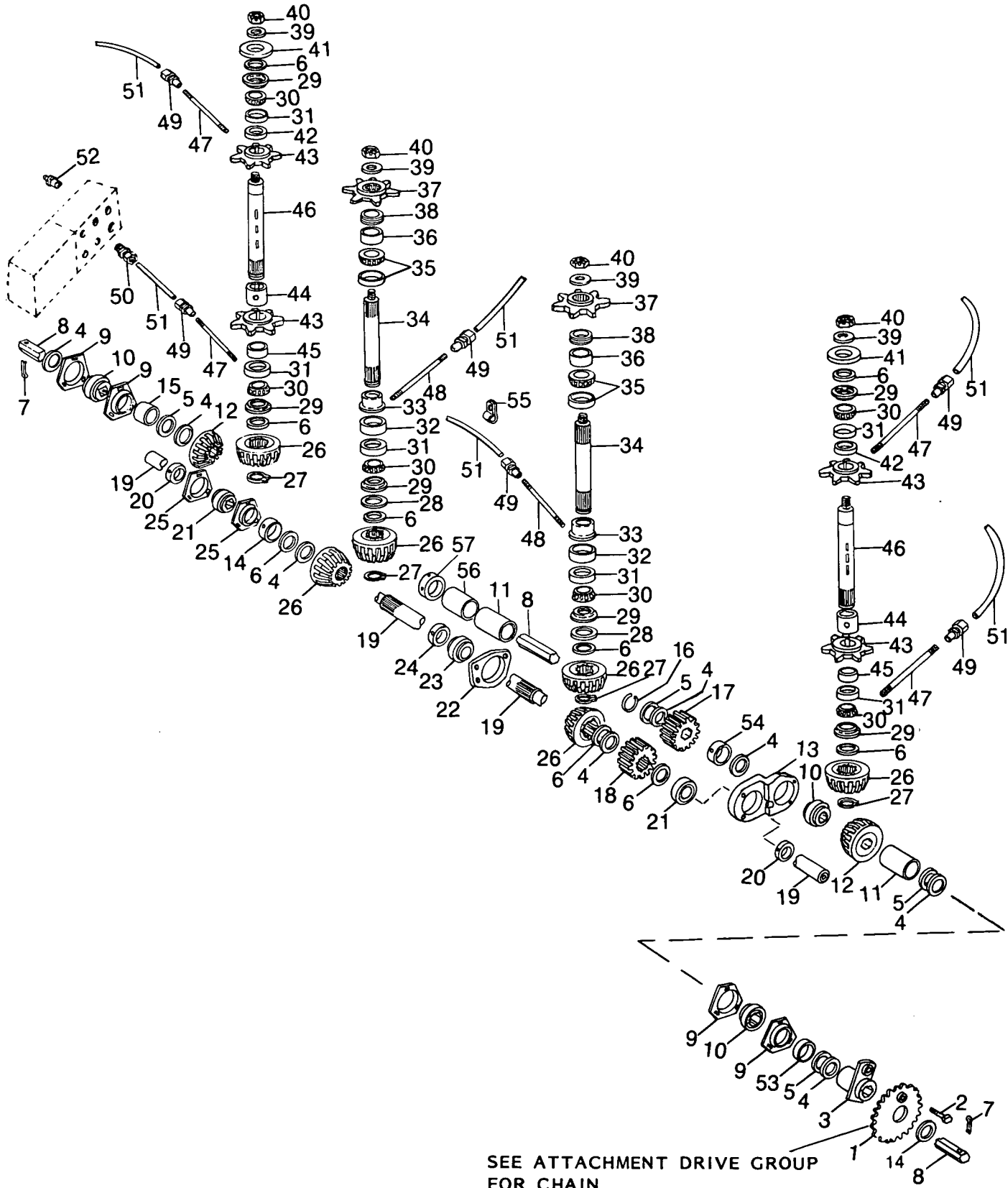
** Used on Narrow Row Machines

+ These Parts are included in 209141 Lifter Bundle

++ These Parts are included in 208986 Floor Extension Kit

DECAL SET FOR MODEL 824 - PART NO. 644592

MODEL 824 ROW CROP
MAIN DRIVE GROUP



SEE ATTACHMENT DRIVE GROUP
FOR CHAIN

MODEL 824 ROW CROP
MAIN DRIVE GROUP

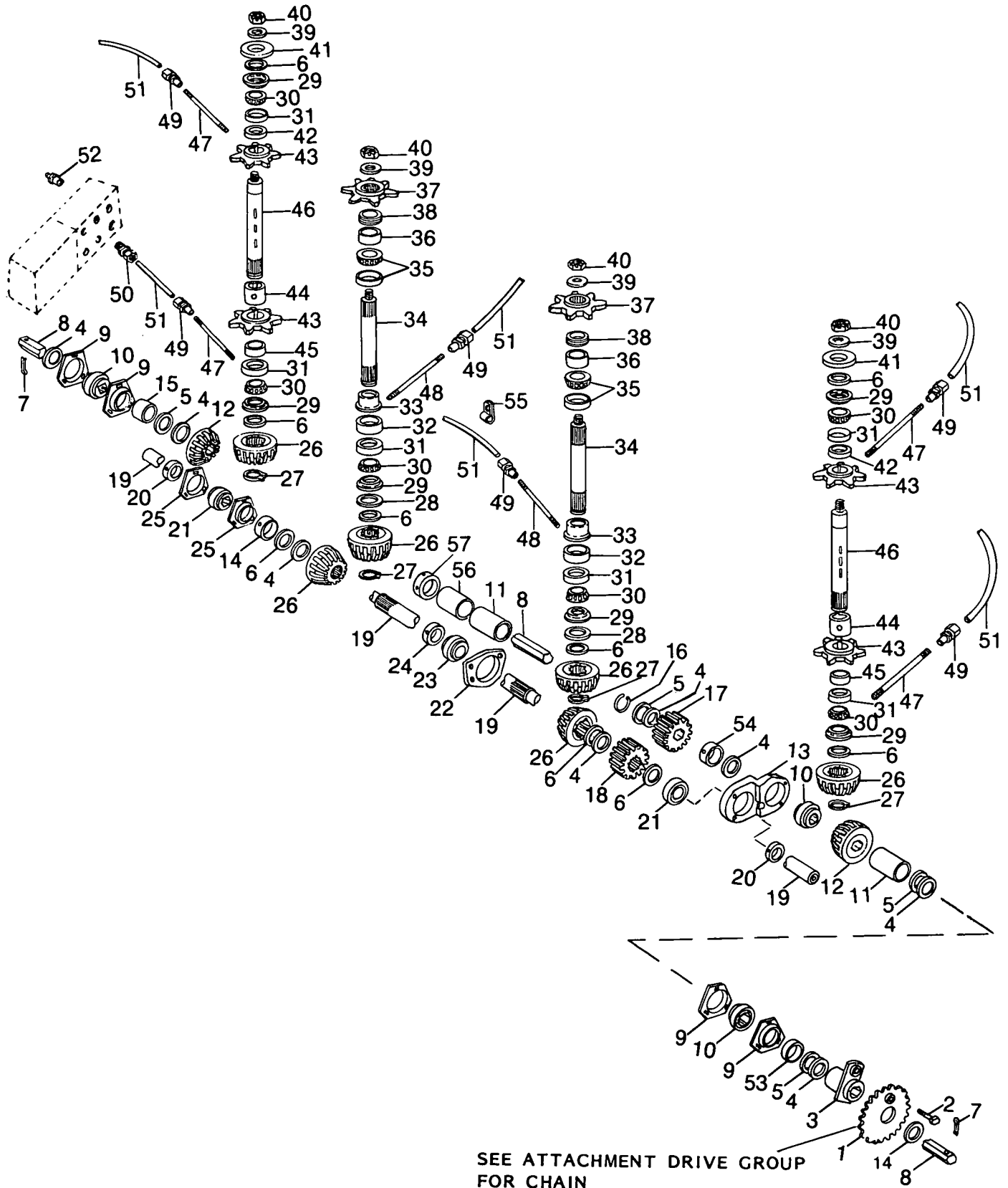
| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 1 | 572735 | 1 | Sprocket Weld Assembly, 20 Tooth |
| | 572734 | 1 | Sprocket Weld Assembly, 26 Tooth |
| | 572736 | 1 | Sprocket Weld Assembly, 30 Tooth |
| | 611785 | 1 | Sprocket Weld Assembly, 34 Tooth |
| 2 | 46520 | 1 | Shear Bolt with Locknut |
| 3 | 572421 | 1 | Shear Hub Weld Assembly |
| 4 | 572894 | AR | Washer, 2" (50mm) OD, .075" (1.9mm) Thick |
| 5 | 214539 | AR | Washer, 1 3/4" (44mm) OD, .020" (0.5mm) Thick |
| 6 | 146258 | AR | Washer, 1 3/4" (44mm) OD, .060" (1.5mm) Thick |
| 7 | 80754 | 1 | Cotter Pin, 3/16" x 1 1/2" |
| 8 | *763338 | 1 | Hex Shaft, 37 3/4" (959mm) Long --- Replaces 644893 |
| 9 | 578189 | 4 | Flangette 6 280503 Bolt, Short Square Neck, Grade 5, 3/8" x 1" 6 80680 Lockwasher, 3/8" 6 84944 Nut, 3/8" |
| 10 | 121602 | 3 | Ball Bearing, Hex Bore |
| 11 | *644895 | 1 or 2 | Spacer, 3.56" (90mm) Long |
| 12 | 719563 | 2 | Bevel Gear, 15 Tooth, Hex Bore |
| 13 | 691097 | 1 | Bearing Housing Assembly (Includes Ref. Nos. 10 and 21) 1 280552 Bolt, Short Square Neck, Grade 5, 3/8" x 1 1/2" 2 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" 3 80680 Lockwasher, 3/8" 1 84944 Nut, 3/8" |
| 14 | 644474 | 1 | Spacer, 75" (19mm) Long |
| 15 | 572891 | 1 | Spacer, .937" (24mm) Long |
| 16 | *690514 | 1 | Retaining Ring |
| 17 | 782447 | 1 | Gear, 20 Tooth, Hex Bore |
| 18 | 782446 | 1 | Gear, 20 Tooth, Splined Bore |
| 19 | 644894 | 1 | Shaft, 16 3/4" (425mm) Long |
| 20 | 45876 | 2 | Locking Collar |
| 21 | 45882 | 2 | Ball Bearing, 1 1/8" (28.5mm) ID |
| 22 | 691100 | 1 | Bearing Housing Assembly (Includes Ref. No. 23) 3 87909 Cap Screw, Hex Head, Grade 5, 1/2" x 1" 3 80679 Lockwasher, 1/2" |
| 23 | 38766 | 1 | Ball Bearing, 1 1/4" (31.7mm) ID |
| 24 | 38767 | 1 | Locking Collar |
| 25 | 43048 | 2 | Flangette 3 280503 Bolt, Short Square Neck, Grade 5, 3/8" x 1" 3 80680 Lockwasher, 3/8" 3 84944 Nut, 3/8" |
| 26 | 719565 | 6 | Bevel Gear, 15 Tooth, Splined Bore |
| 27 | 244638 | 4 | Retaining Ring |
| 28 | 33212 | AR | Washer, 1.75" (44mm) OD, .036" (.9mm) Thick |
| 29 | 618966 | 6 | Special Stepped Washer |
| 30 | 48198 | 6 | Bearing Cone and Seal |
| 31 | 36723 | 6 | Bearing Cup |
| 32 | 644973 | 2 | Spacer, .906" (23mm) Long |
| 33 | 708566 | 2 | Shield |
| 34 | 644470 | 2 | Shaft, 7.31" (186mm) Long |
| 35 | 218230 | 2 | Bearing Cup and Cone Assembly |

AR - As Required

* When replacing a Shaft (Ref. No. 8) which uses a Retaining Ring, it must be replaced by using (1) 197631, (2) 529216, (1) 572892, (1) 644895, (1) 763338

CONTINUED

MODEL 824 ROW CROP
 MAIN DRIVE GROUP (CONTINUED)



SEE ATTACHMENT DRIVE GROUP
 FOR CHAIN

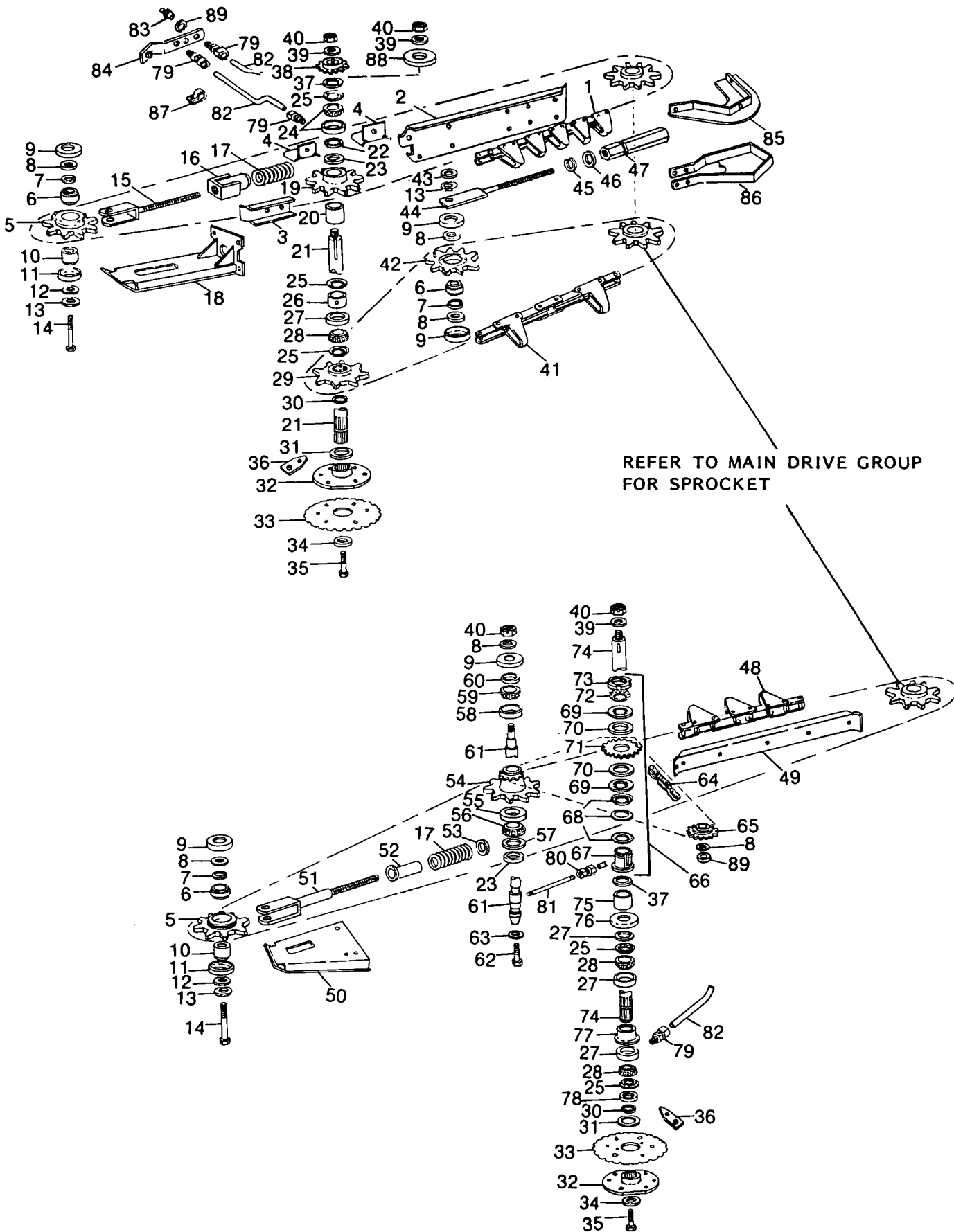
MODEL 824 ROW CROP
 MAIN DRIVE GROUP (CONTINUED)

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 36 | 774773 | 2 | Bearing Ring |
| 37 | 9623892 | 2 | Sprocket Assembly, 17 Tooth (Includes Ref. No. 38) --- Replaces 286686, 694005 |
| 38 | 707373 | 2 | Plastic Collar, used with 694005 |
| | 616414 | 2 | Plastic Collar, used with 9623892 |
| 39 | 64053 | 4 | Hardened Washer, 1 1/2" (38mm) OD, .160" (4mm) Thick |
| 40 | 280567 | 4 | Slotted Nut, 5/8" UNF 4 87395 Cotter Pin, 1/8" x 1 1/4" |
| 41 | 685461 | 2 | Cover, 3 1/8" (79mm) OD |
| 42 | 690503 | 2 | Seal, 1.877 (47.6mm) OD |
| 43 | 644107 | 4 | Sprocket, 7 Tooth 4 47471 Woodruff Key, #15, Heat Treated, 1/4" x 1" |
| 44 | 685462 | 2 | Spacer, 1.75" (44.4mm) Long |
| 45 | 644974 | 2 | Spacer, .562" (14.3mm) Long |
| 46 | 644463 | 2 | Shaft, 10 1/8" (257mm) Lohg |
| 47 | 88980 | 4 | Nipple, 1/8" x 4 3/4" |
| 48 | 124160 | 2 | Nipple, 1/8" x 2 1/2" |
| 49 | 646429 | 6 | Compression Fitting, 1/8" NPT Female x 3/16" Tube |
| 50 | 11787 | 6 | Compression Fitting, 1/8" NPT, Male x 3/16" Tube |
| 51 | 631516 | AR | Lube Line, 67" (1700mm) |
| | 258571 | AR | Lube Line, 31" (787mm) |
| | 122481 | AR | Lube Line, 12 3/4" (324mm) |
| 52 | 84303 | 6 | Lube Fitting, 1/8" NPT Female |
| 53 | 572893 | 1 | Spacer, 3/8" (9.5mm) Long |
| 54 | 697920 | 1 | Spacer, .812" (20.6mm) Long |
| 55 | 237980 | 1 | Clamp 1 88573 Cap Screw, Hex Head, 1/4" x 1" 1 80701 Washer, 1/4" 1 80682 Lockwasher, 1/4" 1 84942 Nut, 1/4" |
| 56 | *572892 | 1 | Spacer, 2.625" (66.7mm) Long |
| 57 | *197631 | 1 | Collar 2 529216 Set Screw, Socket Head, Cup Point, 5/16" x 1/4" |

AR - As Required

* When replacing a Shaft (Ref. No. 8) which uses a Retaining Ring, it must be replaced by using (1) 197631, (2) 529216, (1) 572892, (1) 644895, (1) 763338

MODEL 824 ROW CROP
GATHERING CHAINS AND CUT-OFF GROUP



MODEL 824 ROW CROP
GATHERING CHAINS AND CUT-OFF GROUP

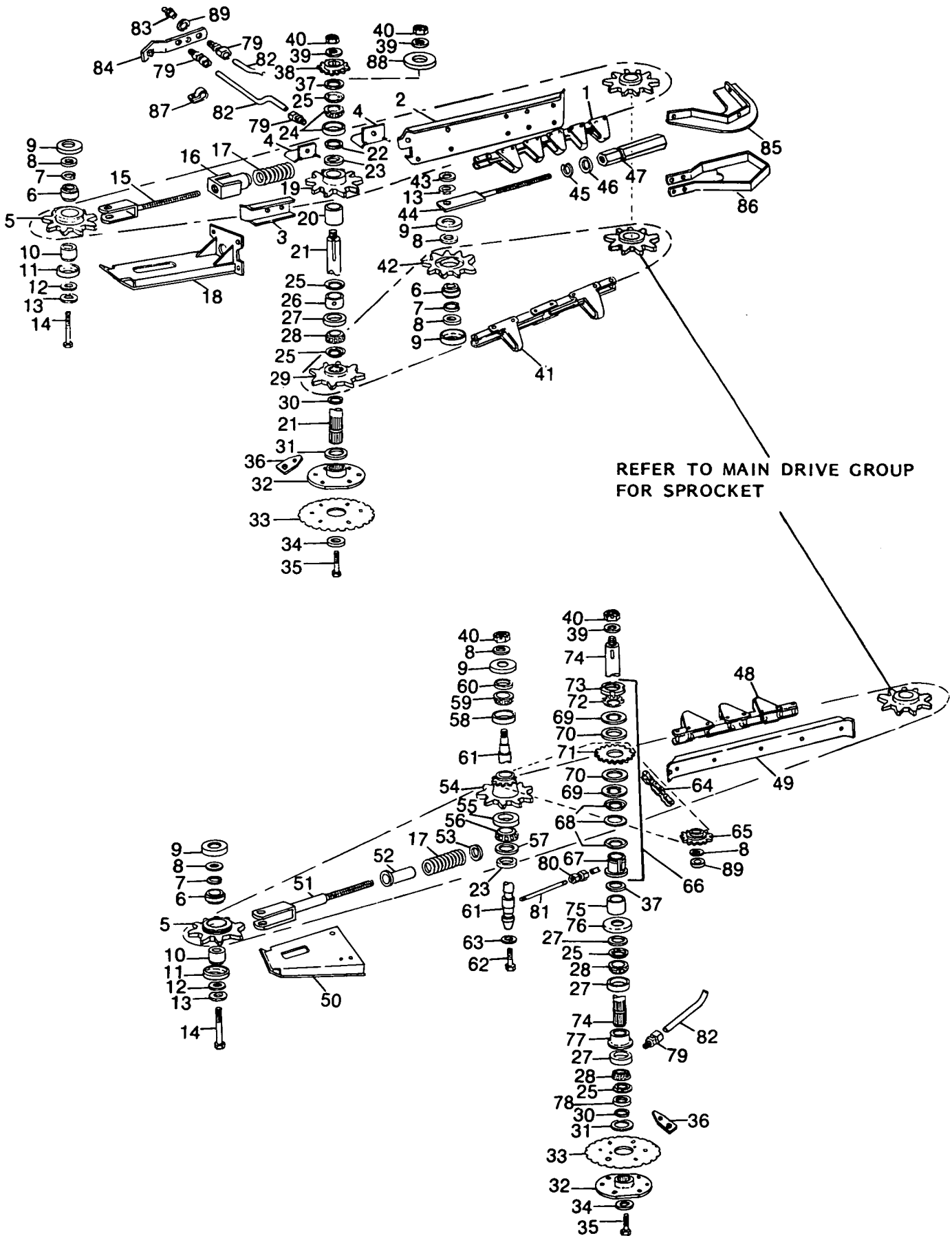
| Ref. No. | Part No. | *No. Used | Description |
|----------|----------|-----------|---|
| 1 | 644591 | 1 | Gathering Chain, CA620, 64 Total Pitches AR 709632 Connector Pin AR 707682 Connector Link, Attachment Style AR 43614 Roller Link |
| 2 | 646525 | 1 | Wear Strip, RH, 21.8" (554mm) Long |
| | 646524 | 1 | Wear Strip, LH 10 280731 Cap Screw, Flat Socket Head, 5/16" x 3/4" 7 145458 Locknut, USR, 5/16" |
| 3 | 646360 | 1 | Wear Strip, 8.75" (222mm) Long 2 280731 Cap Screw, Flat Socket Head, 5/16" x 3/4" 2 145458 Locknut, USR, 5/16" |
| 4 | 680729 | 2 | Chain Guide 2 88283 Cap Screw, Button Head, 5/16" x 3/4" |
| 5 | 644201 | 2 | Idler Sprocket Assembly, 10 Tooth (Includes Ref. Nos. 6 & 7) |
| 6 | 66553 | 3 | Ball Bearing |
| 7 | 12084 | 3 | Snap Ring |
| 8 | 87365 | AR | Washer, 5/8" |
| 9 | 138728 | 5 | Cap, .28" (7mm) Deep, 2 3/8" (60mm) Diameter |
| 10 | 645145 | 2 | Spacer |
| 11 | 644515 | 2 | Cap, .78" (20mm) Deep, 2 3/4" (70mm) Diameter |
| 12 | 645433 | 2 | Washer, 2 Straight Sides, 1 1/2" (38mm) Diameter |
| 13 | 234567 | 3 | Washer, 2 Straight Sides, 2 1/4" (57mm) Diameter |
| 14 | 280119 | 2 | Cap Screw, Hex Head, Grade 5, 5/8" x 3 1/2" 2 84057 Lockwasher, 5/8" 2 84947 Nut, 5/8" |
| 15 | 645266 | 1 | Idler Bracket and Rod Weld Assembly 1 84971 Jam Nut, 5/8" 1 84947 Nut, 5/8" |
| 16 | 645212 | 1 | Spacer Weld Assembly |
| 17 | 685291 | 2 | Spring |
| 18 | 645365 | 1 | Outer Shoe Weld Assembly 4 87909 Cap Screw, Hex Head, Grade 5, 1/2" x 1" 4 80679 Lockwasher, 1/2" 4 280431 Nut, Grade 5, 1/2" |
| 19 | 644102 | 1 | Sprocket Assembly, 11 Tooth (Includes Ref. No. 20) |
| 20 | 644202 | 1 | Bushing |
| 21 | 856146 | 1 | Shaft, 9.81" (249mm) Long, --- Replaces 645617 |
| | 856144 | 1 | Shaft, 9.25" (235mm) Long, --- Replaces 644471 |
| 22 | 26096 | 1 | Washer, 1.5" (635mm) OD, .187" (4.7mm) Thick |
| 23 | 701519 | 2 | Seal, 2" (50.8mm) OD |
| 24 | 218230 | 1 | Bearing Cup and Cone Assembly |
| 25 | 618966 | 5 | Special Stepped Washer |
| 26 | 644474 | 1 | Spacer, .75" (19mm) Long |
| 27 | 36723 | 3 | Bearing Cup |
| 28 | 48198 | 3 | Bearing Cone and Seal |
| 29 | 644100 | 1 | Sprocket, 11 Tooth, Splined ID |
| 30 | 36313 | 2 | Retaining Ring |
| 31 | 33212 | AR | Washer, .036" (.9mm) |
| | 708756 | AR | Washer, .010" (.25mm) |
| 32 | 287370 | 2 | Disc Holder Weld Assembly |
| 33 | 577060 | 2 | Cut-Off Disc 4 281004 Plow Bolt, 3/8" x 1 1/4" 8 88682 Carriage Bolt, Grade 5, 3/8" x 1" 12 80680 Lockwasher, 3/8" 12 84944 Hex Nut, 3/8" |

AR - As Required

*Quantities shown are for one side only

CONTINUED

MODEL 824 ROW CROP
GATHERING CHAINS AND CUT-OFF GROUP
(CONTINUED)



MODEL 824 ROW CROP
GATHERING CHAINS AND CUT-OFF GROUP
(CONTINUED)

| Ref. No. | Part No. | No. Used | Description |
|----------|------------|----------|--|
| 34 | (a) 692300 | 4 | Hardened Washer, 2" (50mm) OD, .25" (6.3mm) Thick |
| | (b) 574245 | 4 | Special Bolt |
| 35 | (a) 88551 | 2 | Cap Screw, Hex Head, Grade 5, 1/2" x 1 3/4" |
| | (b) 285585 | 4 | Special Bolt |
| 36 | 579925 | 4 | Plate |
| 37 | 146258 | AR | Washer, 1 3/4" (44mm) OD, .060" (1.5mm) Thick |
| 38 | 645618 | 1 | Divider Drive Sprocket, 22 Tooth |
| | | | 1 25283 Square Key, 1/4" x 7/8" |
| 39 | 64053 | 2 | Hardened Washer, 1 1/2" (38mm) ODD, .160 (4mm) Thick |
| 40 | 280567 | 3 | Slotted Nut, 5/8" UNF |
| | | | 3 87395 Cotter Pin, 1/8" x 1 1/4" |
| 41 | 685133 | 1 | Lower Gathering Chain, CA620, 48 Total Pitches |
| | | | AR 697544 Connector Pin |
| | | | AR 43147 Attachment Link with Roller Links |
| | | | AR 43614 Roller Link |
| | | | AR 697306 Connector Link |
| 42 | 138741 | 1 | Idler Sprocket, 9 Tooth |
| | | | 1 280560 Bolt, Short Square Neck, Grade 5, 5/8" x 2 3/4" |
| | | | 1 87365 Washer, 5/8" |
| | | | 1 84057 Lockwasher, 5/8" |
| | | | 1 84947 Nut, 5/8" |
| 43 | 26382 | AR | Washer, 1.09" (28mm) OD, .060" (1.5mm) Thick |
| 44 | 678422 | 1 | Adjusting Rod Weld Assembly |
| | | | 1 84971 Jam Nut, 5/8" |
| | | | 1 84947 Nut, 5/8" |
| 45 | 42973 | 1 | Retaining Ring |
| 46 | 224245 | 1 | Washer |
| 47 | 686730 | 1 | Adjuster |
| 48 | 640148 | 1 | Gathering Chain, CA620, 58 Total Pitches |
| | | | AR 709632 Connector Pin |
| | | | AR 707682 Connector Link, Attachment Style |
| | | | AR 43614 Roller Link |
| 49 | 646523 | 1 | Wear Strip |
| | | | 5 280731 Cap Screw, Flat Socket Head, 5/16" x 3/4" |
| | | | 4 145458 Locknut, USR, 5/16" |
| 50 | 645222 | 1 | Shoe Weld Assembly, RH |
| | 645218 | 1 | Shoe Weld Assembly, LH |
| | | | 1 88727 Bolt, Short Square Neck, Grade 5, 1/2" x 2 1/2" |
| | | | 1 280624 Bolt, Short Square Neck, Grade 5, 1/2" x 2" |
| | | | 2 80700 Washer, 1/2" |
| | | | 2 280431 Nut, Grade 5, 1/2" |
| 51 | 645215 | 1 | Idle Bracket and Rod Weld Assembly |
| | | | 1 84971 Jam Nut, 5/8" |
| | | | 1 84947 Hex Nut, 5/8" |
| 52 | 678687 | 1 | Spacer Weld Assembly |
| 53 | 195640 | 1 | Washer |
| 54 | 644199 | 1 | Sprocket Weld Assembly, 9 Tooth and 18 Tooth |
| 55 | 132709 | 1 | Bearing Cup |
| 56 | 132710 | 1 | Bearing Cone |
| 57 | 25769 | 1 | Washer, 1.9" (48mm) OD |
| 58 | 605170 | 1 | Bearing Cup |
| 59 | 605171 | 1 | Bearing Cone |

AR - As Required

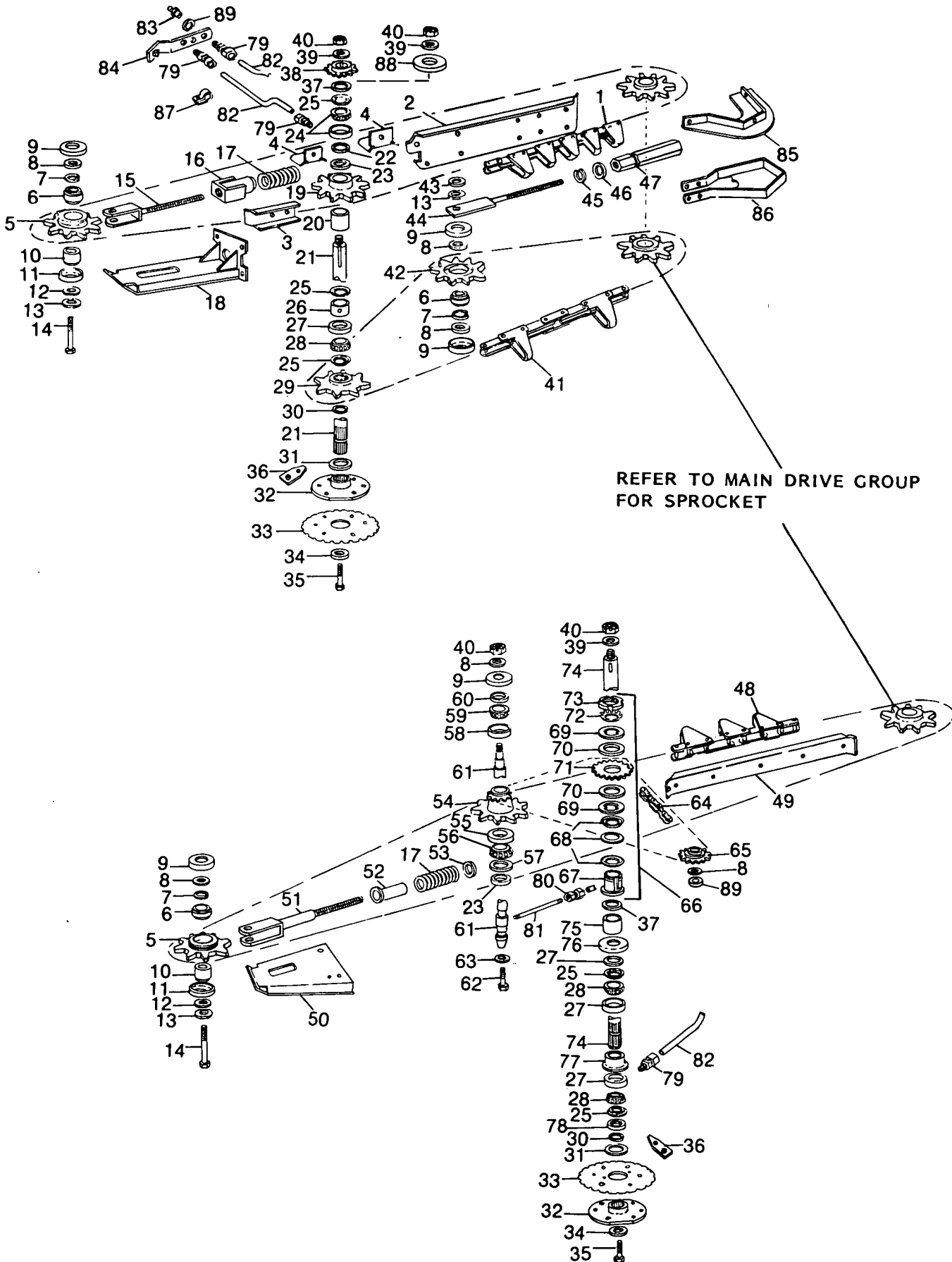
* Quantities shown are for one side only

(a) Used on and below Serial No. 744038

(b) Used on and above Serial No. 744039

CONTINUED

MODEL 824 ROW CROP
 GATHERING CHAINS AND CUT-OFF GROUP
 (CONTINUED)



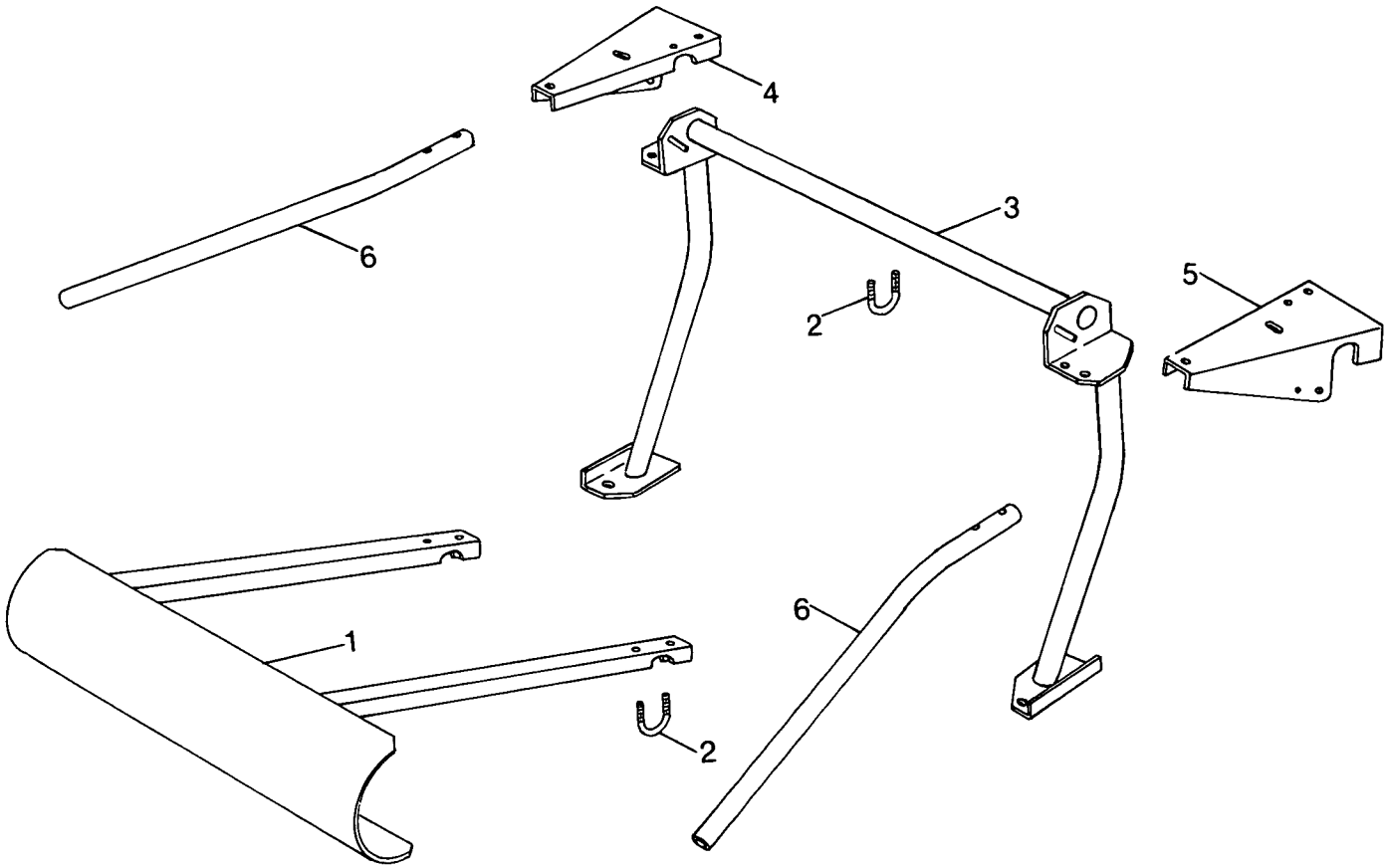
MODEL 824 ROW CROP
GATHERING CHAINS AND CUT-OFF GROUP (CONTINUED)

| Ref. No. | Part No. | *No. Used | Description |
|----------|----------|-----------|--|
| 60 | 13400 | 1 | Washer, .25" (6.3mm) Thick |
| 61 | 644595 | 1 | Shaft, 6 1/4" (159mm) Thick |
| 62 | 87670 | 1 | Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/4" |
| 63 | 618086 | 1 | Washer, 1.3" (33mm) O.D., .25" (6.3mm) Thick |
| 67 | 644465 | 1 | Hub 1 80768 Woodruff Key #15, 1/4" x 1" |
| 68 | 645614 | 3 | Spring Washer |
| 69 | 678424 | 2 | Washer |
| 70 | 678423 | 2 | Friction Disc |
| 71 | 644466 | 1 | Sprocket, 22 Tooth |
| 72 | 639328 | 1 | Lockwasher |
| 73 | 698154 | 1 | Locknut, 1 3/4"-18 |
| 74 | 644472 | 1 | Shaft, 9" (228.6mm) Long |
| 75 | 44914 | 1 | Spacer, 1" (25.4mm) Long |
| 76 | 644469 | 1 | Cap, .59" (15mm) Deep, 3 1/8" (79mm) OD |
| 77 | 708566 | 1 | Shield |
| 78 | 688398 | 1 | Retainer Washer |
| 79 | 11787 | 5 | Compression Fitting, 1/8" NPT Male x 3/16" Tube 3 87016 Washer, 3/8" |
| 80 | 646429 | 1 | Compression Fitting, 1/8" NPT Female x 3/16" Tube |
| 81 | 646365 | 1 | Nipple, 1/8" x 9 1/4" |
| 82 | 631516 | AR | Lube Line, 67" (1700mm) |
| | 258571 | AR | Lube Line, 31" (787mm) |
| 83 | 84303 | 3 | Lube Fitting, 1/8" NPT Female |
| 84 | 681678 | 1 | Bracket W.A. 1 255918 Lockscrew, USR, 3/8" x 3/4" |
| 85 | 686388 | 1 | Stripper W.A., R.H. |
| 85A | 686389 | 1 | Stripper W.A., L.H. 3 621985 Lockscrew, USR, 5/16" x 3/4" |
| 86 | 675355 | 1 | Shield, W.A. 1 255918 Lockscrew, USR, 3/8" x 3/4" 1 280716 Bolt, Short Square Neck, 3/8" x 3 1/2", Gr. 5 1 88902 Locknut, 3/8", Gr. C |
| 87 | 605024 | 1 | Clamp |
| 88 | 685461 | 1 | Cap, L.H. Only |
| 89 | 87366 | 1 | Washer, 7/8" |

AR - As Required

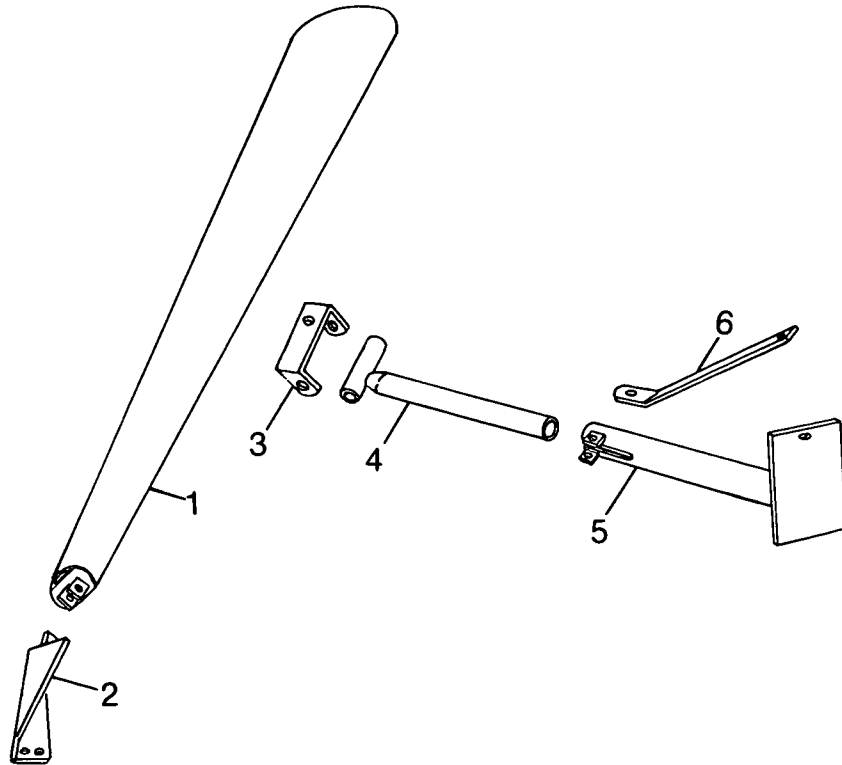
*Quantities shown are not for one side only.

MODEL 824 ROW CROP
STALK BUMPER AND GUIDES



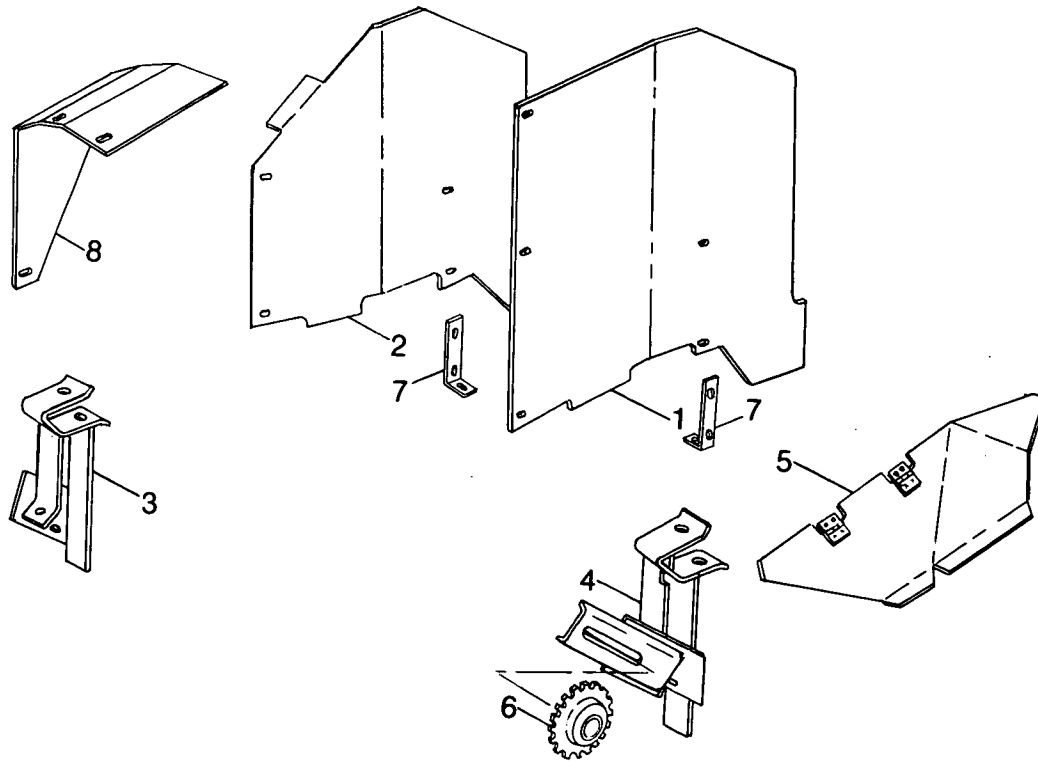
| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 1 | 638686 | 1 | Stalk Bumper Weld Assembly |
| 2 | 638700 | 4 | "U" Bolt |
| 3 | 646514 | 1 | Support Weld Assembly |
| | | | 8 247780 Locknut, USR, 3/8" |
| | | | 4 88682 Carriage Bolt, Grade 5, 3/8" x 1" |
| | | | 6 88206 Cap Screw, Hex Head, Grade 5, 3/8" x 1" |
| | | | 2 87670 Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/4" |
| | | | 2 80681 Lockwasher, 3/8" |
| | | | 2 80679 Lockwasher, 1/2" |
| | | | 2 84944 Nut, 3/8" |
| | | | 2 280431 Nut, Grade 5, 1/2" |
| 4 | 643098 | 1 | Bracket, RH |
| 5 | 643097 | 1 | Bracket, LH |
| 6 | 643066 | 2 | Stalk Guide Tube Weld Assembly |
| | | | 4 87339 Cap Screw, Hex Head, Grade 5, 1/2" x 3" |
| | | | 4 87364 Washer, 1/2" |
| | | | 4 80679 Lockwasher, 1/2" |
| | | | 4 280431 Nut, Grade 5, 1/2" |

MODEL 824 ROW CROP
 OPTIONAL EQUIPMENT
 RIGHT DIVIDER BUNDLE



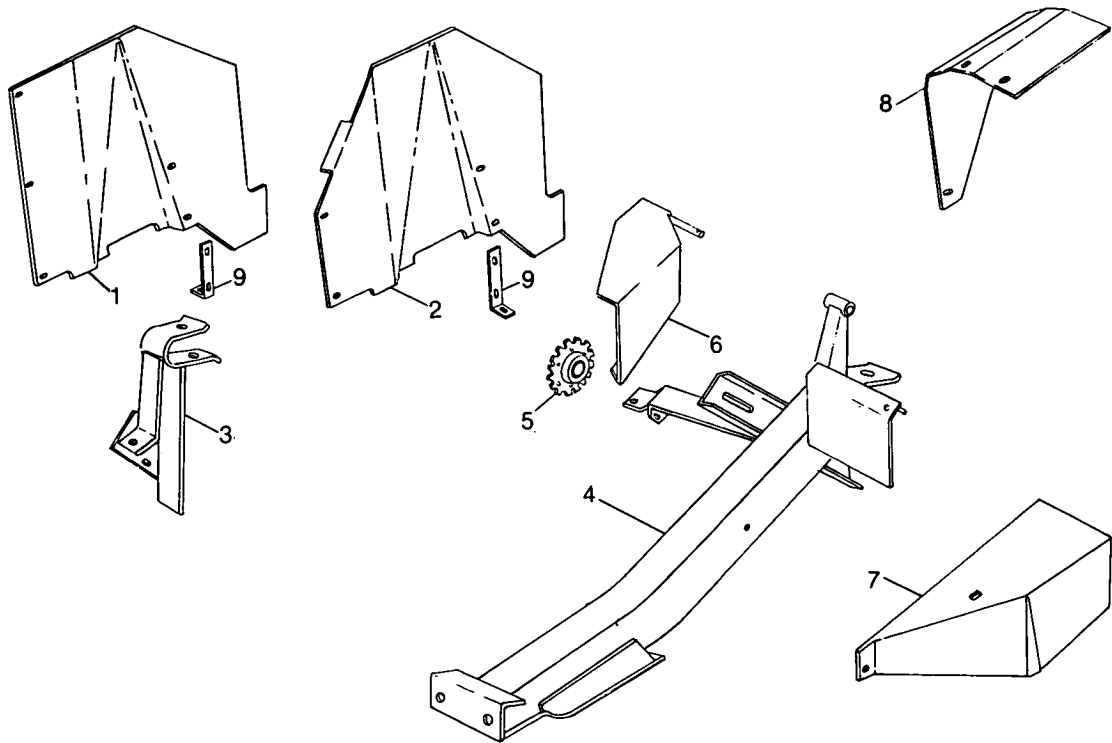
| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 700777 | 1 | Right Divider Bundle Divider Weld Assembly 1 87909 Cap Screw, Hex Head, Grade 5, 1/2" x 1" 1 87364 Washer, 1/2" SAE 1 88871 Locknut, Grade C, 1/2" |
| 2 | 701126 | 1 | Cover Weld Assembly 2 280497 Bolt, Round Head, Short Square Neck, 5/16" x 3/4" 1 88011 Cap Screw, Hex Head, 3/8" x 1 1/4" 2 145458 Locknut, USR, 5/16" 1 88902 Locknut, Grade C, 3/8" |
| 3 | 137563 | 1 | Bracket 1 88272 Cap Screw, Hex Head, Grade 5, 1/2" x 4" 1 88871 Locknut, Grade C, 1/2" |
| 4 | 574623 | 1 | Support Shaft Weld Assembly |
| 5 | 707637 | 1 | Support Pipe Weld Assembly 1 88436 Cap Screw, Hex Head, 3/8" x 2" 1 88902 Locknut, Grade C, 3/8" |
| 6 | 686323 | 1 | Flat |

MODEL 824 ROW CROP
718, 782 AND 790 ADAPTING BUNDLE



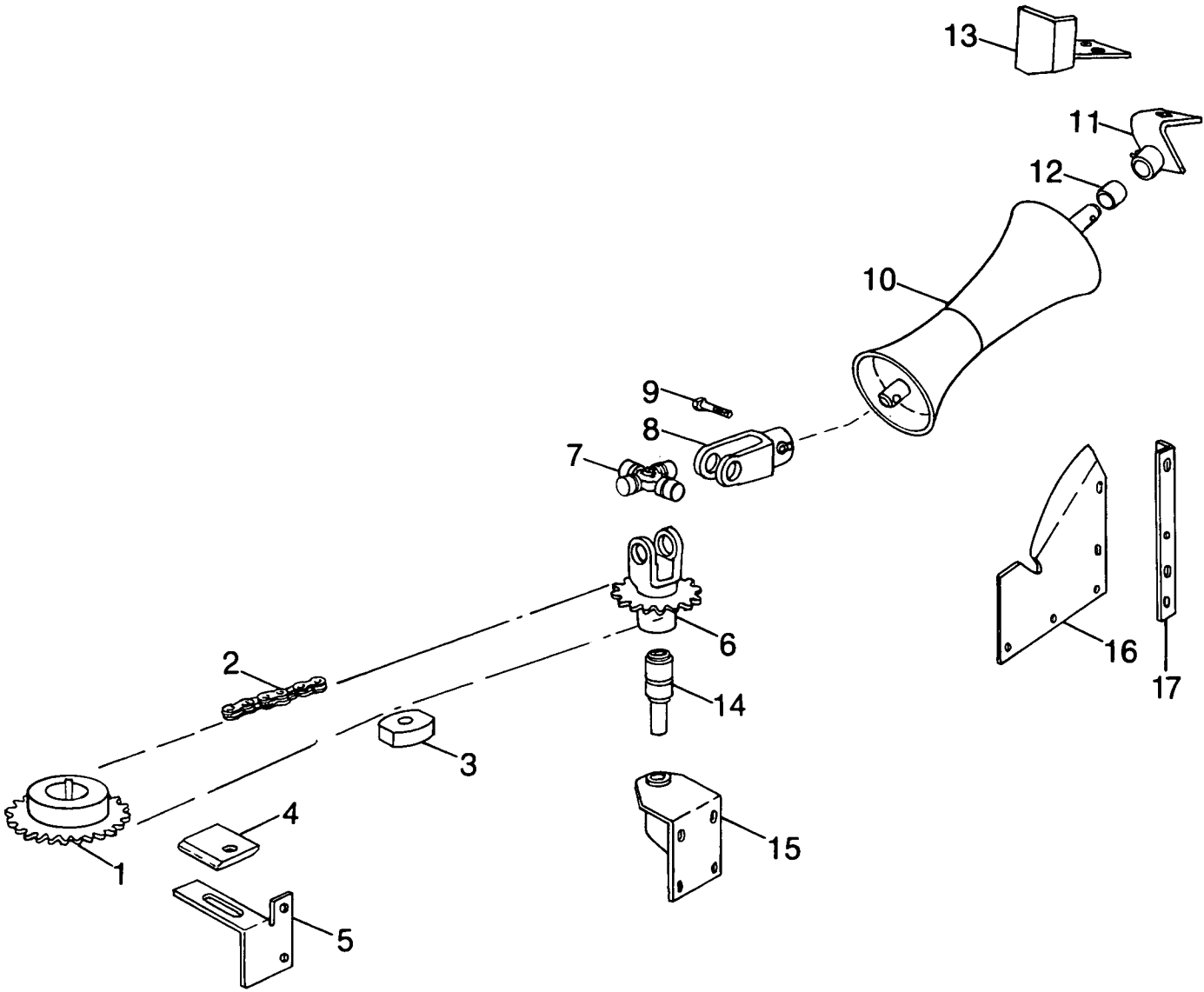
| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 1 | 646756 | 1 | Throat Plate, LH 5 271288 Lockscrew, USR, 5/16" x 5/8" 5 145458 Locknut, USR, 5/16" |
| 2 | 646796 | 1 | Throat Plate, RH 4 271288 Lockscrew, USR, 5/16" x 5/8" 4 145458 Locknut, USR, 5/16" |
| 3 | 645963 | 1 | Bracket Weld Assembly, RH 2 87670 Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/4" 1 88551 Cap Screw, Hex Head, Grade 5, 1/2" x 1 3/4" 3 87364 Washer, 1/2" 3 80679 Lockwasher, 1/2" 3 280431 Nut, 1/2" |
| 4 | 645962 | 1 | Bracket Weld Assembly, LH 2 87670 Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/4" 1 88551 Cap Screw, Hex Head, Grade 5, 1/2" x 1 3/4" 3 87364 Washer, 1/2" 3 80679 Lockwasher, 1/2" 3 280431 Nut, 1/2" |
| 5 | 691247 | 1 | Shield Weld Assembly 4 88542 Cap Screw, Hex Head, Grade 5, 1/4" x 1/2" 4 523282 Locknut, USR, 1/4" |
| 6 | 511265 | 1 | Idler Sprocket 1 280560 Bolt, Short Square Neck, Grade 5, 5/8" x 2 3/4" AR 87365 Washer, 5/8" 1 84057 Lockwasher, 5/8" 1 84947 Nut, 5/8" |
| 7 | 646755 | 2 | Bracket 2 145913 Lockscrew, USR, 5/16" x 3/4" |
| 8 | 646966 | 1 | Shield 3 145913 Lockscrew, USR, 5/16" x 3/4" 3 145458 Locknut, USR, 5/16" |

MODEL 824 ROW CROP
890 AND 892 ADAPTING BUNDLE



| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|---|
| 1 | 646757 | 1 | Throat Plate, LH 5 271288 Lockscrew, USR, 5/16" x 5/8" 5 145458 Locknut, USR, 5/16" |
| 2 | 646797 | 1 | Throat Plate, RH 4 271288 Lockscrew, USR, 5/16" x 5/8" 4 145458 Locknut, USR, 5/16" |
| 3 | 645848 | 1 | Bracket Weld Assembly, RH 2 87670 Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/4" 1 88551 Cap Screw, Hex Head, Grade 5, 1/2" x 1 3/4" 3 87364 Washer, 1/2" 3 80679 Lockwasher, 1/2" 3 280431 Nut, Grade 5, 1/2" |
| 4 | 646010 | 1 | Mounting Bracket Weld Assembly, LH 4 87670 Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/4" 1 88551 Cap Screw, Hex Head, Grade 5, 1/2" x 1 3/4" 5 87364 Washer, 1/2" 5 80679 Lockwasher, 1/2" 5 280431 Nut, Grade 5, 1/2" |
| 5 | 511265 | 1 | Idler Sprocket 1 280560 Bolt, Short Square Neck, Grade 5, 5/8" x 2 3/4" 1 63752 Serrated Washer AR 87365 Washer, 5/8" 1 84057 Lockwasher, 5/8" 1 84947 Nut, 5/8" |
| 6 | 687165 | 1 | Shield Weld Assembly 1 87362 Washer, 5/16" 1 80756 Cotter Pin, 1/8" x 3/4" |
| 7 | 719145 | 1 | Shield |
| 8 | 646966 | 1 | Shield 2 280857 Self-Tapping Screw, 5/16" x 1/2" |
| 9 | 646755 | 2 | Bracket 3 145913 Lockscrew, USR, 5/16" x 3/4" 3 145458 Locknut, USR, 5/16" 2 145913 Lockscrew, USR, 5/16" x 3/4" |

MODEL 824 ROW CROP
POWER DIVIDER AND DRIVE GROUP



MODEL 824 ROW CROP
POWER DIVIDER AND DRIVE GROUP

| Ref. No. | Part No. | No. Used | Description |
|----------|----------|----------|--|
| 1 | 645618 | 1 | Sprocket Weld Assembly, 22 Tooth |
| | | | 1 25283 Square Key, 1/4" x 7/8" |
| 2 | 645870 | 1 | Roller Chain, #40, 93 Total Pitches |
| | | | AR 25804 Roller Link |
| | | | AR 25195 Connector Link |
| | | | AR 25815 Offset Link |
| 3 | 37490 | 1 | Wood Idler Block |
| | | | 1 88727 Bolt, Round Head, Short Square Neck, Grade 5, 1/2" x 2 1/2" |
| | | | 2 87364 Washer, 1/2" |
| | | | 1 80679 Lockwasher, 1/2" |
| | | | 1 280431 Nut, Grade 5, 1/2" |
| 4 | 679067 | 1 | Nylon Guide |
| 5 | 680849 | 1 | Idler Bracket |
| | | | 2 145913 Lockscrew, USR, 5/16" x 3/4" |
| | | | 2 145458 Locknut, USR, 5/16" |
| 6 | 645120 | 1 | Yoke and Sprocket Weld Assembly, 22 Tooth |
| 7 | 139842 | 1 | Spider and Bearing Assembly |
| 8 | 645119 | 1 | Yoke |
| 9 | 46520 | 1 | Shear Bolt with Locknut |
| 10 | 645124 | 1 | Divide Weld Assembly |
| 11 | 646418 | 1 | Bracket and Bushing Assembly (Includes Ref. No. 12) |
| 12 | 619248 | 1 | Bushing |
| 13 | 646455 | 1 | Deflector Weld Assembly |
| | | | 1 145913 Lock Screw, USR, 5/16" x 3/4" |
| | | | 1 87670 Cap Screw, Hex Head, Grade 5, 1/2" x 1 1/4" |
| | | | 1 87364 Washer, 1/2" |
| | | | 1 145458 Locknut, USR, 5/16" |
| | | | 1 88871 Locknut, Grade C, 1/2" |
| 14 | 136740 | 1 | Bearing and Shaft Assembly, Press Fit |
| 15 | 645115 | 1 | Shaft Support Bracket Weld Assembly |
| | | | 4 280731 Cap Screw, Flat Socket Head, 5/16" x 3/4" |
| | | | 4 145458 Locknut, USR, 5/16" |
| 16 | 646942 | 1 | Shield |
| | | | 5 145913 Lockscrew, USR, 5/16" x 3/4" |
| | | | 5 145458 Locknut, USR, 5/16" |
| 17 | 646795 | 1 | Angle, RH |
| | | | 4 145913 Lockscrew, USR, 5/16" x 3/4" |
| | | | 4 145458 Locknut, USR, 5/16" |

MODEL 790 FORAGE HARVESTER
 DEALER INFORMATION ONLY
 RECOMMENDED INITIAL PARTS STOCK

| DESCRIPTION | PART NO. | QUANTITY FOR 5 MACHINES |
|---------------------------|----------|----------------------------|
| SPRING | 12 | 2 |
| SPRING | 16 | 5 |
| BEARING | 12124 | 2 |
| BEARING CONE | 13540 | 2 |
| BEARING CUP | 13958 | 2 |
| SPRING | 26981 | 2 |
| ROPE GUIDE | 28110 | 2 |
| "U" BOLT | 28114 | 2 |
| SPIDER BEARING | 29214 | 2 |
| NEEDLE BEARING | 36312 | 2 |
| BEARING CUP | 36723 | 2 |
| BEARING CONE | 36726 | 2 |
| OIL SEAL | 37857 | 2 |
| LOCKING COLLAR | 38260 | 1 |
| BALL BEARING | 38766 | 2 |
| LOCKING COLLAR | 38767 | 2 |
| FLANGETTE | 43048 | 2 |
| LOCKING COLLAR | 45876 | 2 |
| SHEARBOLT, 5/16" x 1 1/2" | 46047 | 10 |
| SHEARBOLT, 1/4" x 1 1/2" | 46520 | 10 |
| BEARING | 47066 | 2 |
| LOCKING COLLAR | 47067 | 2 |
| BEARING CONE | 48198 | 2 |
| SHEARBOLT | 58118 | 10 |
| BALL BEARING | 66553 | 2 |
| BEARING CONE | 67370 | 2 |
| BEARING CUP | 67371 | 2 |
| BEARING CUP | 67526 | 2 |
| BEARING CONE | 67527 | 2 |
| CAP SCREW, KNIFE SUPPORT | 88556 | 48 |
| CAP SCREW, KNIFE | 88572 | 24 |
| IDLER SPROCKET | 103243 | 1 |
| BEARING ASSEMBLY | 121506 | 2 |
| CHAIN ASSEMBLY | 122469 | 1 |
| ROLLER | 122503 | 2 |
| SPIDER BEARING | 126761 | 2 |
| WASHER, KNIFE | 130358 | 24 |
| FLANGETTE | 136978 | 2 |
| OIL SEAL | 137547 | 2 |
| OIL SEAL | 166300 | 2 |
| BEARING ASSEMBLY | 166817 | 2 |
| QUARTER BEARING | 185746 | 4 |
| OIL SEAL | 196286 | 2 |
| BEARING CONE | 199954 | 2 |
| NEEDLE BEARING | 218983 | 2 |
| PADDLE ARM | 238159 | 3 |
| OIL SEAL | 272545 | 2 |
| BEARING CUP | 287066 | 2 |
| BEARING | 574844 | 2 |
| "V" BELT SET, GEARBOX | 579364 | 1 |
| BEARING AND HOUSING | 700491 | 2 |
| SMOOTH ROLL SCRAPER | 701316 | 2 |
| OIL SEAL | 701519 | 2 |
| KNIFE | 784651 | 6 |
| KNIFE SUPPORT | 784652 | 8 |
| BAFFLE | 784653 | 8 |
| BANDED BELT, 1000 RPM | 796623 | 1 |
| "V" BELT, 540 RPM | 796624 | 1 |
| PADDLE KIT | 9604054 | 3 |
| SHEARBAR KIT | 9610799 | 2 |
| SHARPENER STONE | 9619871 | 2 |

MODEL 790 FORAGE HARVESTER - ATTACHMENTS
 DEALER INFORMATION ONLY
 RECOMMENDED INITIAL PARTS STOCK

| 717S | 722R | 770E | 790W | 824 | DESCRIPTION | PART NO. | QUANTITY FOR 5 MACHINES |
|------|------|------|------|-----|-----------------------|----------|----------------------------|
| | | | | X | COUPLER LINK #50 | 25194 | 2 |
| X | | | | | KNIFE SECTION | 29875 | 25 |
| X | | | | | SPRING | 34490 | 1 |
| | X | | | X | SPRING | 35324 | 2 |
| | | | | X | RETAINING RING | 36313 | 1 |
| X | | | | | OIL SEAL | 37707 | 2 |
| X | | | | | LOCKING COLLAR | 38260 | 2 |
| X | | | | | BEARING | 38766 | 2 |
| X | | | | | LOCKING COLLAR | 38767 | 2 |
| | | | | X | RETAINING RING | 42973 | 1 |
| X | | | | | FLANGETTE | 43048 | 2 |
| X | | | | | FLANGETTE | 43056 | 4 |
| | | | | X | ATTACHMENT LINK | 43147 | 2 |
| X | | | | | AUGER SPRING | 43295 | 2 |
| | X | | | X | ROLLER LINK | 43614 | 10 |
| X | | | | | RIVET | 46436 | 50 |
| | | X | | | BEARING | 49309 | 2 |
| | | | X | | BALL BEARING HEX BORE | 50775 | 5 |
| X | | | | | FLANGETTE | 52481 | 2 |
| | | | X | | BEARING CARRIER | 54695 | 2 |
| | | | X | | OIL SEAL | 64852 | 2 |
| X | | | | | SICKLE GUARD | 65327 | 10 |
| X | | | | | RIVET | 65474 | 10 |
| X | | | | | NEEDLE BEARING | 66810 | 2 |
| X | | | | | KNIFE CONNECTING ROD | 67188 | 1 |
| X | | | | | LOW KNIFE CLIP | 67357 | 5 |
| X | | | | | HIGH KNIFE CLIP | 67358 | 2 |
| X | | | | | BUSHING | 76417 | 2 |
| X | | | | | SPECIAL BOLT | 121831 | 2 |
| X | | | | | FRICITION DISC | 127434 | 2 |
| | | | X | | "V" BELT | 129696 | 1 |
| X | | | | | TRIPLE KNIFE GUARD | 130712 | 2 |
| | | X | | | BEARING | 131230 | 2 |
| X | | | | | PICK-UP GUARD | 134526 | 10 |
| | | | X | | DISC WELD ASSEMBLY | 134532 | 3 |
| | | X | | | BEARING | 135423 | 2 |
| | X | | | | OIL SEAL | 135955 | 2 |
| | | | | X | BEARING | 136740 | 1 |
| | X | | | X | IDLER | 139289 | 1 |
| X | | | | | NEEDLE BEARING | 144015 | 2 |
| X | | | | | ROLLER | 165484 | 2 |
| X | | | | | WOBBLE ARM | 166117 | 2 |
| X | | | | | BEARING ASSEMBLY | 166817 | 2 |
| X | | | | | HALF SECTION, KNIFE | 187216 | 5 |
| | | X | | | BEARING HOUSING | 218065 | 1 |
| | X | | | X | BEARING ASSEMBLY | 218230 | 2 |
| | X | | | | NEEDLE BEARING | 218983 | 2 |
| | | X | | | BEARING HOUSING | 224453 | 1 |
| | | X | | | BEARING HOUSING | 224454 | 1 |
| | | X | | | BEARING HOUSING | 238259 | 1 |
| | X | | | X | RETAINING RING | 244638 | 2 |
| | | X | | | GATHERING CHAIN | 254296 | 2 |
| | | X | | | SPRING | 254526 | 2 |
| | | X | | | BEARING HOUSING | 262293 | 1 |
| | | X | | | FRONT KNIFE, LH | 262317 | 1 |
| | | X | | | FRONT KNIFE, RH | 262318 | 1 |
| | | X | | | ROLL KNIFE | 262333 | 2 |

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MODEL 790 FORAGE HARVESTER - ATTACHMENTS
 DEALER INFORMATION ONLY
 RECOMMENDED INITIAL PARTS STOCK (CONTINUED)

| 717S | 722R | 770E | 790W | 824 | DESCRIPTION | PART NO. | QUANTITY FOR 5 MACHINES |
|------|------|------|------|-----|---------------------|----------|----------------------------|
| | | X | | | PADDLE | 263393 | 2 |
| X | | | | | FINGER GUIDE | 265588 | 4 |
| X | | | | | BUSHING | 286078 | 4 |
| X | | | | | "V" BELT | 321582 | 1 |
| | X | | | X | IDLER SPROCKET | 511265 | 1 |
| X | | | | | TINE | 570217 | 16 |
| X | | | | | TINE | 570218 | 2 |
| | X | | | | WEAR STRIP, LH | 573264 | 1 |
| | X | | | | WEAR STRIP, RH | 573265 | 1 |
| X | | | | | BEARING | 574844 | 2 |
| X | | | | | BEARING HOUSING | 575246 | 4 |
| X | | | | | PIN | 579116 | 4 |
| | X | | | X | PLATE WELD ASSEMBLY | 579925 | 2 |
| | X | | | X | BEARING CUP | 605170 | 1 |
| | X | | | X | BEARING CONE | 605171 | 1 |
| X | | | | | CARRIAGE BOLT | 606656 | 10 |
| X | | | | | CARRIAGE BOLT | 606657 | 10 |
| | | X | | | MITER GEAR | 607717 | 2 |
| | | X | | | MITER GEAR | 607718 | 2 |
| | | X | | X | SPROCKET | 617175 | 1 |
| | X | | | X | WASHER | 618966 | 1 |
| | | X | | | SPRING | 634975 | 5 |
| | | | | X | GATHERING CHAIN | 640148 | 1 |
| | | | | X | IDLER | 644201 | 1 |
| | | | | X | GATHERING CHAIN | 644591 | 1 |
| | | | | X | GATHERING CHAIN | 685133 | 1 |
| | | | | X | FRICTION DISC | 690499 | 2 |
| | | | | X | OIL SEAL | 701519 | 2 |
| | | X | | | ROLL BLADE, LH | 703414 | 1 |
| | | X | | | ROLL BLADE, RH | 703415 | 1 |
| | X | | | X | CONNECTOR LINK | 707682 | 10 |
| X | | | X | | FINGER | 709381 | 4 |
| | | | | X | PIN | 709632 | 1 |
| | X | | | | GATHERING CHAIN | 713605 | 2 |
| | | X | | | BOLT | 719249 | 4 |
| | X | | | X | BEVEL GEAR | 719563 | 1 |
| | X | | | X | BEVEL GEAR | 719565 | 1 |
| | X | | | X | CUTTING DISC | 767263 | 2 |
| X | | | | | TINE CLIP | 772028 | 18 |
| X | | | | | SHEAR GUARD | 858764 | 10 |
| X | | | | | SICKLE GUARD | 9622745 | 2 |
| | X | | | X | SPROCKET, 7 TOOTH | 9623892 | 1 |

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| | 7 | 177 | 124160 | 48 | 175 | 134686 | 45 | 49 |
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| 121708 | 1 | 137 | | 28 | 135 | | | 165 |
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| | 24 | 51 | 128467 | 13 | 133 | | | 97 |
| 122469 | 14 | 47 | 128699 | 2 | 99 | 136678 | 5 | 77 |
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| | 37 | 49 | 129630 | 25 | 115 | | 2 | 91 |
| | 37 | 67 | | 3 | 129 | 136684 | 7 | 77 |
| | 51 | 175 | 129696 | 24 | 115 | 136696 | 11 | 69 |
| 122503 | 22 | 23 | 129912 | 12 | 19 | 136735 | 12 | 115 |
| 122521 | 33 | 25 | 130358 | 5 | 17 | 136736 | 11 | 115 |
| 122600 | 41 | 33 | | | 69 | 136740 | 14 | 187 |
| 122614 | 33 | 135 | | | 117 | 136758 | 10 | 151 |
| 122615 | 47 | 113 | | 21 | 143 | 136978 | 11 | 13 |
| | 43 | 135 | | 8 | 145 | 136987 | 23 | 13 |
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| | 7 | 13 | 163234 | 15 | 19 | 189392 | 1 | 65 |
| 143341 | 1 | 31 | | 14 | 21 | 195353 | 3 | 153 |
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| 143787 | 3 | 133 | 164099 | 17 | 55 | | 15 | 21 |
| 143823 | 11 | 23 | 164342 | 9 | 69 | 197631 | 57 | 175 |
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| | | 53 | 166109 | 21 | 125 | 213736 | 8 | 103 |
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