

# **BROUWER**

## **SOD HARVESTER**

**Model 1560**

**New Holland TN65 Tractor**

### **Illustrated Parts List**

( )

( )

( )

# BROUWER

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Date of Purchase: Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

Dealer Name \_\_\_\_\_ Phone \_\_\_\_\_

Serial Number \_\_\_\_\_

Model Number \_\_\_\_\_

***ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING SERVICE PARTS***



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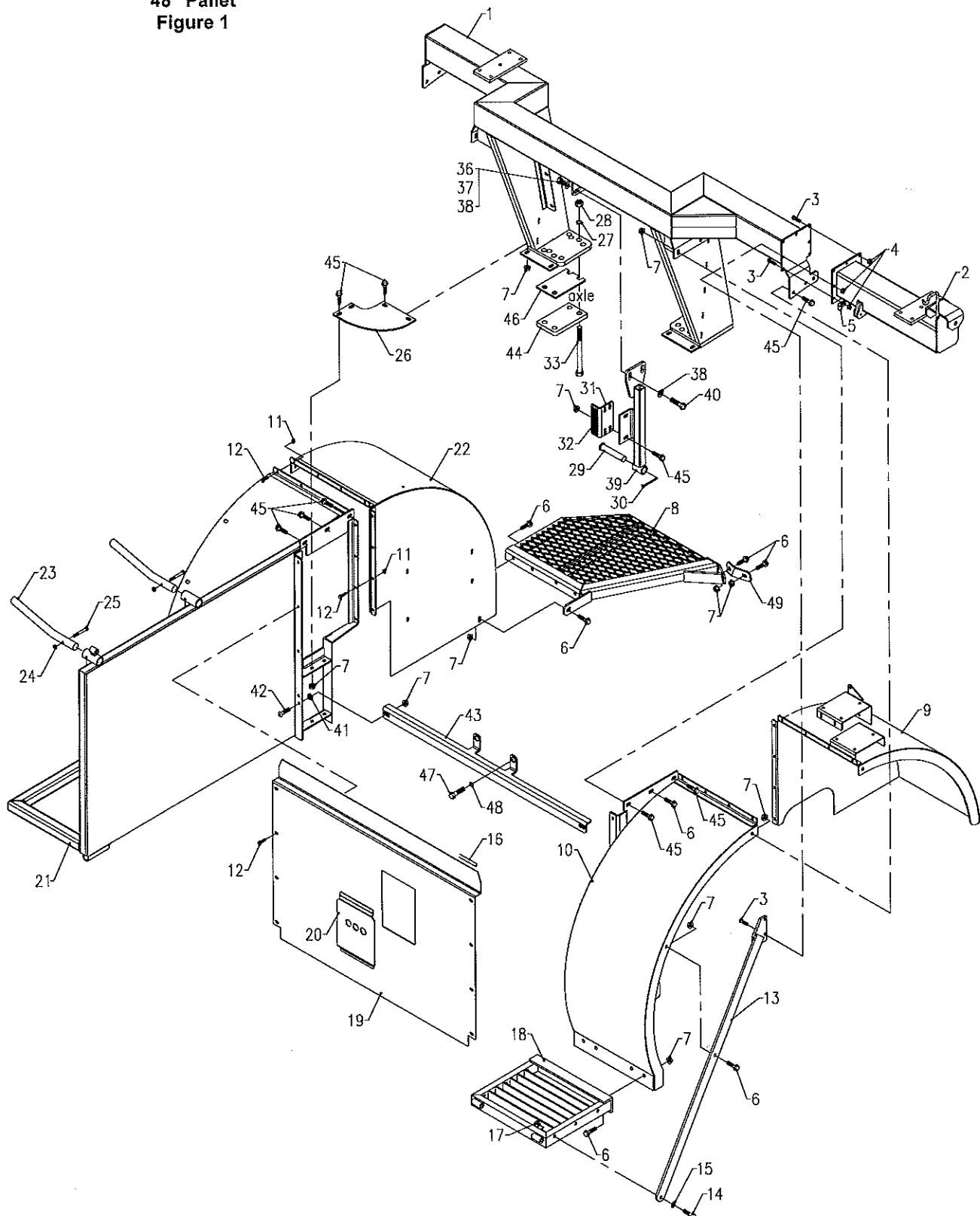
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# MAIN FRAME

## section 1

Main Beam & Fenders  
48" Pallet  
Figure 1



# MAIN FRAME

## section 1

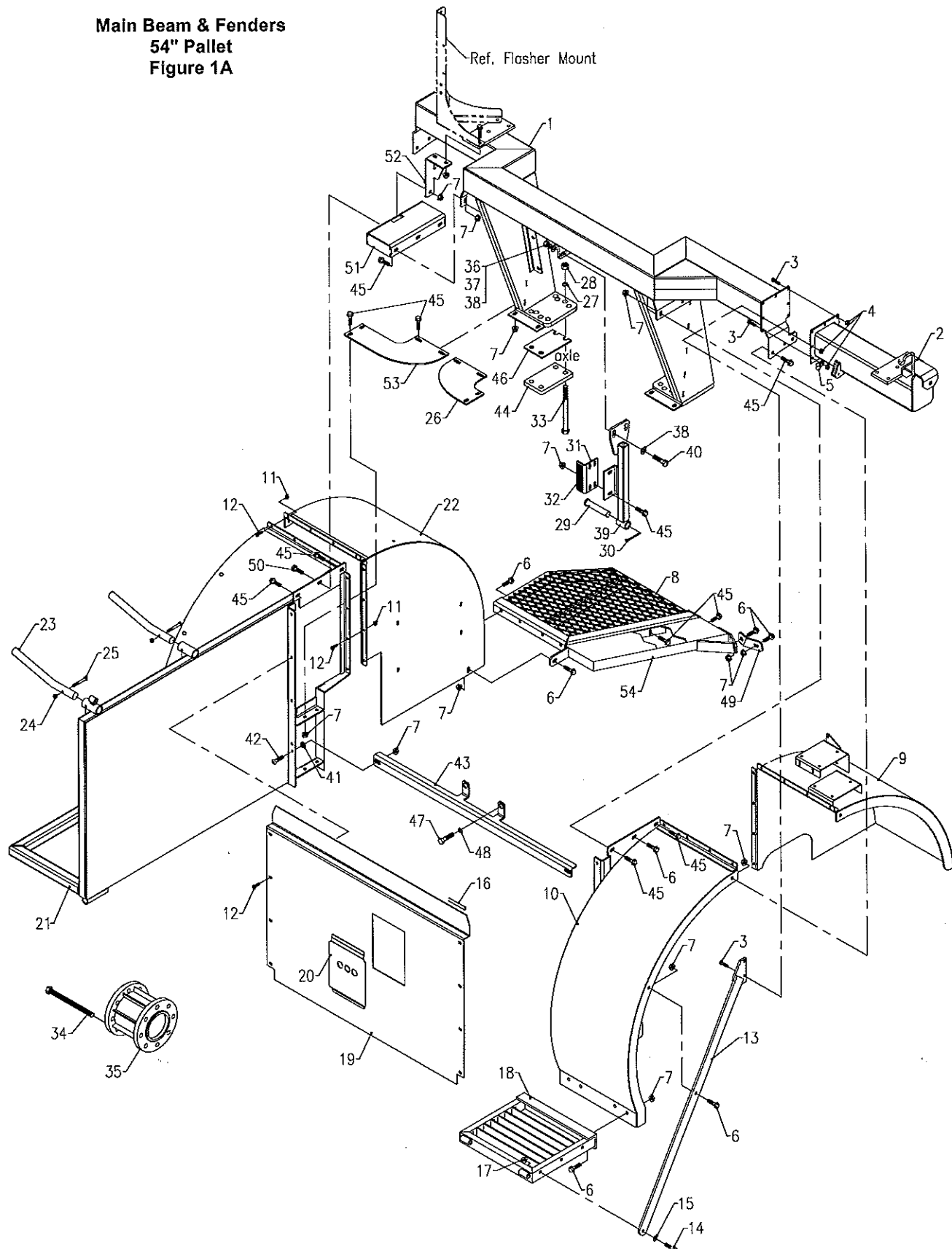
Parts List for Figure 1

| Ref. | Part No.   | Description                       | Quantity |
|------|------------|-----------------------------------|----------|
| 1    | 6109362    | MAIN BEAM COMBINATION WELDMENT    | 1        |
| 2    | 6109296    | BEAM EXTENSION 16/18" 1565 JD     | 1        |
|      | 6109297    | BEAM EXTENSION 24" 1565 JD        | 1        |
| 3    | 90-0614    | BOLT, 3/8-16 X 1-3/4              | 7        |
| 4    | 99-E13     | FLANGE NUT, 3/8-16                | 7        |
| 5    | 11-016     | WIRECLIP, 13/32 BOLT X 3/8 ID     | 1        |
| 6    | 99-K56     | BOLT, FLANGE 1/2-13 X 1-1/2       | 14       |
| 7    | 99-E37     | FLANGE NUT, 1/2-13                | 37       |
| 8    | 6109421    | PLATFORM, NH DRIVER SIDE          | 1        |
| 9    | 6109419    | FENDER, RT FRONT COMBO WELDMENT   | 1        |
| 10   | 6109420    | FENDER, RT REAR COMBO WELDMENT    | 1        |
| 11   | 99-E12     | FLANGE NUT, 5/16-18               | 16       |
| 12   | 99-K19     | BOLT, FLANGE 5/16-18 X 3/4        | 24       |
| 13   | 6109794    | BRACE, REAR PLATFORM              | 1        |
| 14   | 90-0818    | BOLT, 1/2-13 X 2-1/4              | 1        |
| 15   | 95-08      | FLAT WASHER, 1/2 SAE              | 1        |
| 16   | 56-027     | TRIM, TRIM-LOC                    | 47"      |
| 17   | F5018      | NUT, FLANGED STOVER 1/2-12        | 1        |
| 18   | 001712     | PLATFORM, MAIN                    | 1        |
| 19   | 6109331    | PILING WALL                       | 1        |
| 20   | 6109461    | COVER, PILING WALL ACCESS         | 1        |
| 21   | 6109375    | FENDER, LEFT REAR COMBO WELDMENT  | 1        |
| 22   | 6109390    | FENDER, LEFT FRONT COMBO WELDMENT | 1        |
| 23   | 015863     | HANGER, PALLET                    | 2        |
| 24   | 99-E40     | LOCKNUT, NYLON 3/8-16             | 2        |
| 25   | 90-0618    | BOLT, 3/8-16 X 2-1/4              | 2        |
| 26   | 6109374    | BRACKET, FENDER TO AXLE           | 2        |
| 27   | 96-12      | LOCK WASHER, 3/4                  | 8        |
| 28   | 92-12      | NUT, 3/4-10                       | 8        |
| 29   | 03-1640    | CLEVIS PIN, 1" X 5"               | 1        |
| 30   | 02-CP0612  | COTTER PIN, 3/16 X 1-1/2          | 1        |
| 31   | 6109494    | BRACKET, PILING WALL              | 1        |
| 32   | 56-011     | RUBBER, 1/8 EPDM X 2" WIDE        | .5'      |
| 33   | 90-1276    | BOLT, 3/4 X 9 1/2                 | 8        |
| 36   | 92-10      | NUT, 5/8-11                       | 2        |
| 37   | 96-10      | LOCK WASHER, 5/8                  | 2        |
| 38   | 95-10      | FLAT WASHER, 5/8 SAE              | 4        |
| 39   | 6109458    | BRACE, NH MAIN BEAM               | 1        |
| 40   | 90-1016    | BOLT, 5/8-11 X 2                  | 2        |
| 41   | 99-B12     | WASHER, 1/4 X 17/32 X 1-1/8       | 2        |
| 42   | 99-K101    | BOLT, 1/2-13X1.25 BUTTON HEAD     | 2        |
| 43   | 6109512    | STIFFENER, NH PILING WALL LOWER   | 1        |
| 44   | 6115006    | CLAMP, BEAM BASE PLATE            | 2        |
| 45   | 99-K50     | BOLT, FLANGE 1/2-13 X 1           | 21       |
| 46   | 6115373    | SPACER                            | 2        |
| 47   | 07-1615040 | METRIC BOLT, M16-1.50 X 40        | 2        |
| 48   | 07-C16     | LOCKWASHER, 16MM                  | 2        |
| 49   | 6109533    | MOUNT, NH DRIVER SIDE PLATFORM    | 1        |

# MAIN FRAME

## section 1

Main Beam & Fenders  
54" Pallet  
Figure 1A



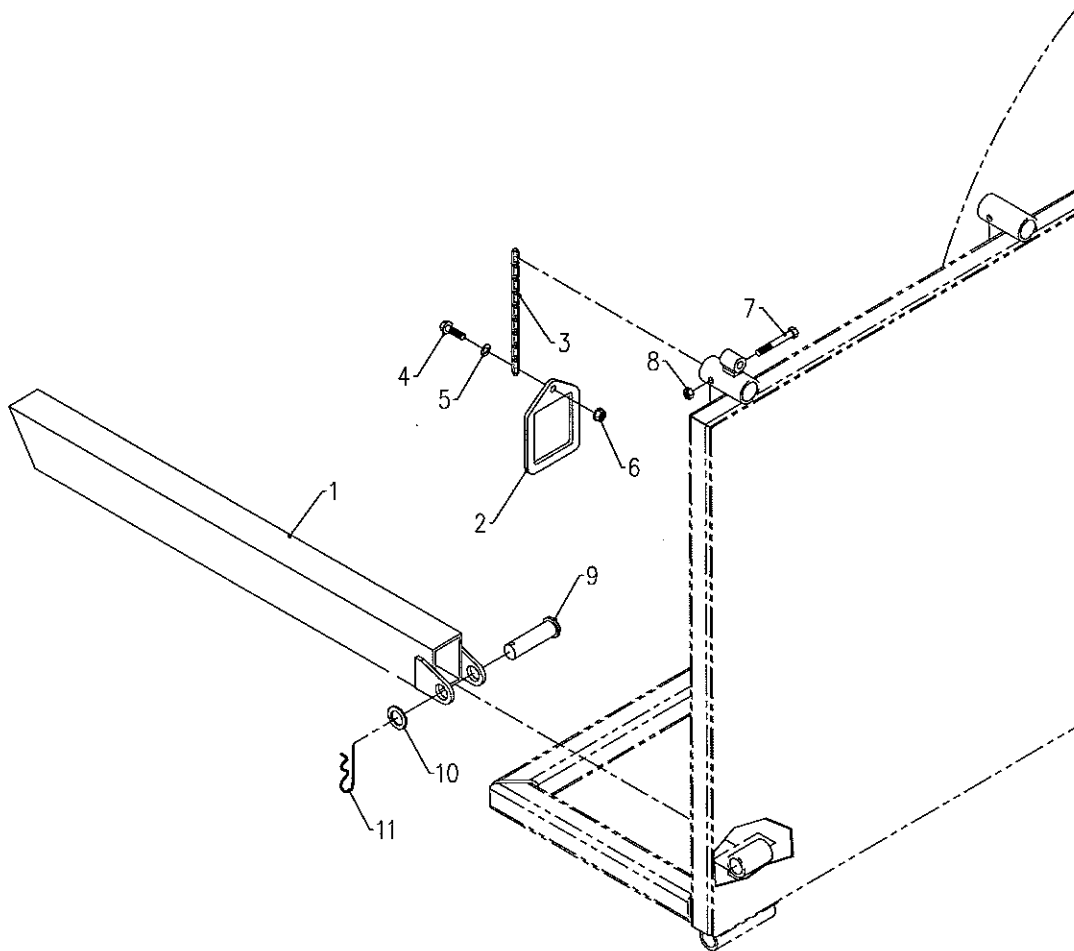
# MAIN FRAME

# section 1

## Parts List for Figure 1A

| Ref. | Part No.    | Description                                 | Quantity |
|------|-------------|---------------------------------------------|----------|
| 1    | 6109571     | MAIN BEAM COMBINATION WELDMENT (54" PALLET) | 1        |
| 2    | 6109296     | BEAM EXTENSION 16/18" 1565 JD               | 1        |
|      | 6109297     | BEAM EXTENSION 24" 1565 JD                  | 1        |
| 3    | 90-0614     | BOLT, 3/8-16 X 1-3/4                        | 7        |
| 4    | 99-E13      | FLANGE NUT, 3/8-16                          | 7        |
| 5    | 11-016      | WIRECLIP, 13/32 BOLT X 3/8 ID               | 1        |
| 6    | 99-K56      | BOLT, FLANGE 1/2-13 X 1-1/2                 | 14       |
| 7    | 99-E37      | FLANGE NUT, 1/2-13                          | 44       |
| 8    | 6109421     | PLATFORM, NH DRIVER SIDE                    | 1        |
| 9    | 6109419     | FENDER, RT FRONT COMBO WELDMENT             | 1        |
| 10   | 6109420     | FENDER, RT REAR COMBO WELDMENT              | 1        |
| 11   | 99-E12      | FLANGE NUT, 5/16-18                         | 16       |
| 12   | 99-K19      | BOLT, FLANGE 5/16-18 X 3/4                  | 24       |
| 13   | 6109794     | BRACE, REAR PLATFORM                        | 1        |
| 14   | 90-0818     | BOLT, 1/2-13 X 2-1/4                        | 1        |
| 15   | 95-08       | FLAT WASHER, 1/2 SAE                        | 1        |
| 16   | 56-027      | TRIM, TRIM-LOC                              | 47"      |
| 17   | F5018       | NUT, FLANGED STOVER 1/2-12                  | 1        |
| 18   | 001712      | PLATFORM, MAIN                              | 1        |
| 19   | 6109558     | PILING WALL, 54"                            | 1        |
| 20   | 6109461     | COVER, PILING WALL ACCESS                   | 1        |
| 21   | 6109375     | FENDER, LEFT REAR COMBO WELDMENT            | 1        |
| 22   | 6109390     | FENDER, LEFT FRONT COMBO WELDMENT           | 1        |
| 23   | 015863      | HANGER, PALLET                              | 2        |
| 24   | 99-E40      | LOCKNUT, NYLON 3/8-16                       | 2        |
| 25   | 90-0618     | BOLT, 3/8-16 X 2-1/4                        | 2        |
| 26   | 6109374     | BRACKET, FENDER TO AXLE                     | 1        |
| 27   | 96-12       | LOCK WASHER, 3/4                            | 8        |
| 28   | 92-12       | NUT, 3/4-10                                 | 8        |
| 29   | 03-1640     | CLEVIS PIN, 1" X 5"                         | 1        |
| 30   | 02-CP0612   | COTTER PIN, 3/16 X 1-1/2                    | 1        |
| 31   | 6109494     | BRACKET, PILING WALL                        | 1        |
| 32   | 56-011      | RUBBER, 1/8 EPDM X 2" WIDE                  | .5'      |
| 33   | 90-1276     | BOLT, 3/4 X 9 1/2                           | 8        |
| 34   | 07-18150190 | METRIC BOLT, M18-1.50 X 190                 | 8        |
| 35   | 6115966     | SPACER, NH 6" WHEEL                         | 1        |
| 36   | 92-10       | NUT, 5/8-11                                 | 2        |
| 37   | 96-10       | LOCK WASHER, 5/8                            | 2        |
| 38   | 95-10       | FLAT WASHER, 5/8 SAE                        | 4        |
| 39   | 6109458     | BRACE, NH MAIN BEAM                         | 1        |
| 40   | 90-1016     | BOLT, 5/8-11 X 2                            | 2        |
| 41   | 99-B12      | WASHER, 1/4 X 17/32 X 1-1/8                 | 2        |
| 42   | 99-K101     | BOLT, 1/2-13X1.25 BUTTON HEAD               | 2        |
| 43   | 6109588     | STIFFENER, NH PILING WALL LOWER 54"         | 1        |
| 44   | 6115006     | CLAMP, BEAM BASE PLATE                      | 2        |
| 45   | 99-K50      | BOLT, FLANGE 1/2-13 X 1                     | 27       |
| 46   | 6115373     | SPACER                                      | 2        |
| 47   | 07-1615040  | METRIC BOLT, M16-1.50 X 40                  | 2        |
| 48   | 07-C16      | LOCKWASHER, 16MM                            | 2        |
| 49   | 6109533     | MOUNT, NH DRIVER SIDE PLATFORM              | 1        |
| 50   | 99-K85      | BOLT, FLANGE 1/2-13 X 1 1/4                 | 1        |
| 51   | 6109578     | SPACER, 54" PALLET FENDER                   | 1        |
| 52   | 6109581     | BRACE, 54" PALLET FENDER SPACER             | 1        |
| 53   | 6109549     | BRACKET, FENDER TO AXLE - 54"               | 1        |
| 54   | 6109591     | PLATFORM, NH 54" DRIVER'S EXT.              | 1        |

Optional Pallet Stack Forks Kit  
Figure 1B



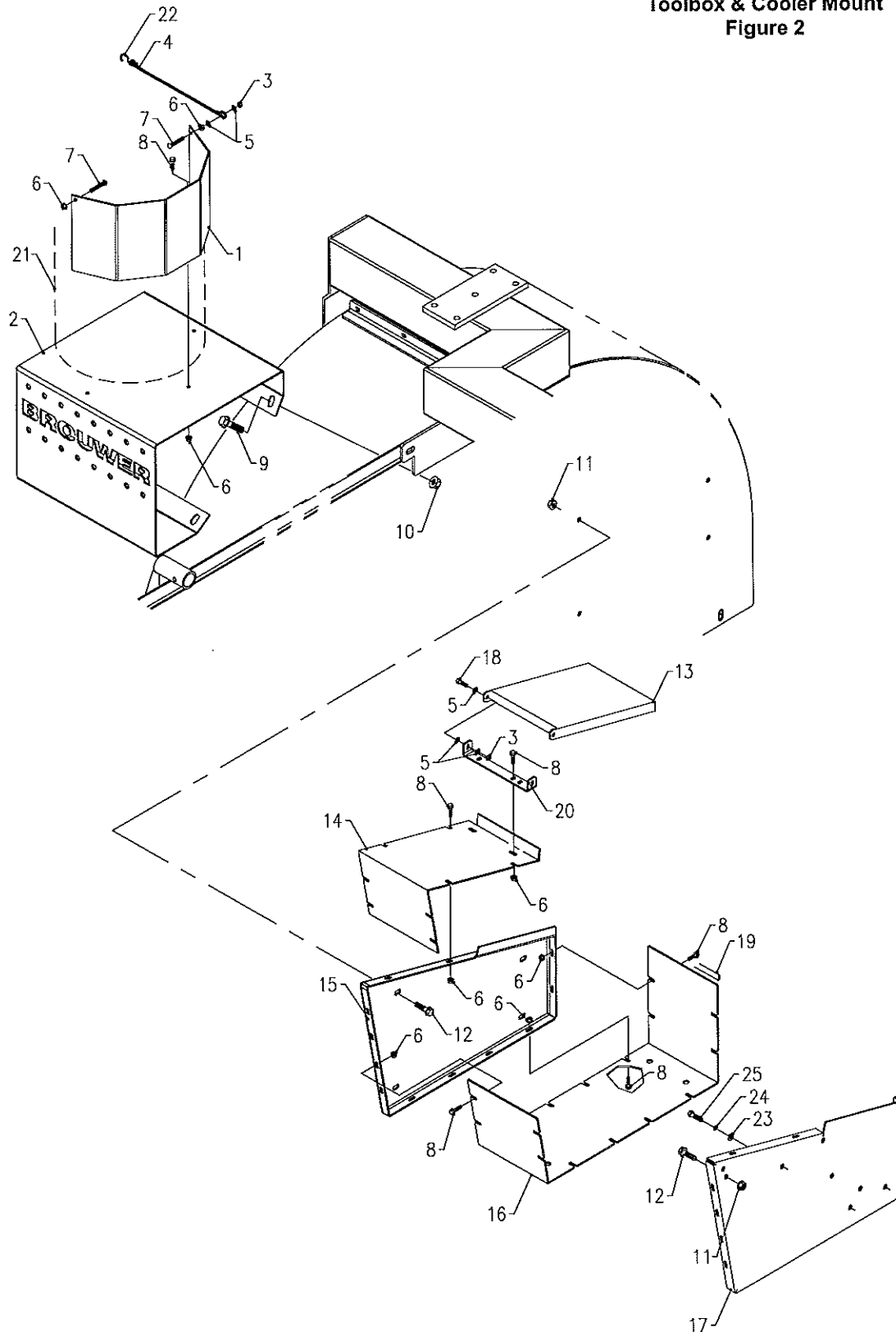
# MAIN FRAME

## section 1

### Parts List for Figure 1B

| <u>Ref.</u> | <u>Part No.</u> | <u>Description</u>       | <u>Quantity</u> |
|-------------|-----------------|--------------------------|-----------------|
| 1           | 6115195         | FORK, PALLET             | 2               |
| 2           | 6115208         | STIRRUP, FORK RETAINING  | 2               |
| 3           | 6115209         | CHAIN, STIRRUP RETAINING | 2               |
| 4           | 99-K13          | BOLT, FLANGE 3/8-16 X 1  | 2               |
| 5           | 94-06           | FLAT WASHER, 3/8 USS     | 2               |
| 6           | 99-E13          | FLANGE NUT, 3/8-16       | 2               |
| 7           | 90-0618         | BOLT, 3/8-16 X 2-1/4     | 2               |
| 8           | 99-E40          | LOCKNUT, NYLON 3/8-16    | 2               |
| 9           | 03-1628         | CLEVIS PIN, 1 X 3-1/2    | 2               |
| 10          | 99-B13          | WASHER, MACH 1" ID 14 GA | 2               |
| 11          | G2501           | PIN, HITCH CLIP #8       | 2               |

Toolbox & Cooler Mount  
Figure 2



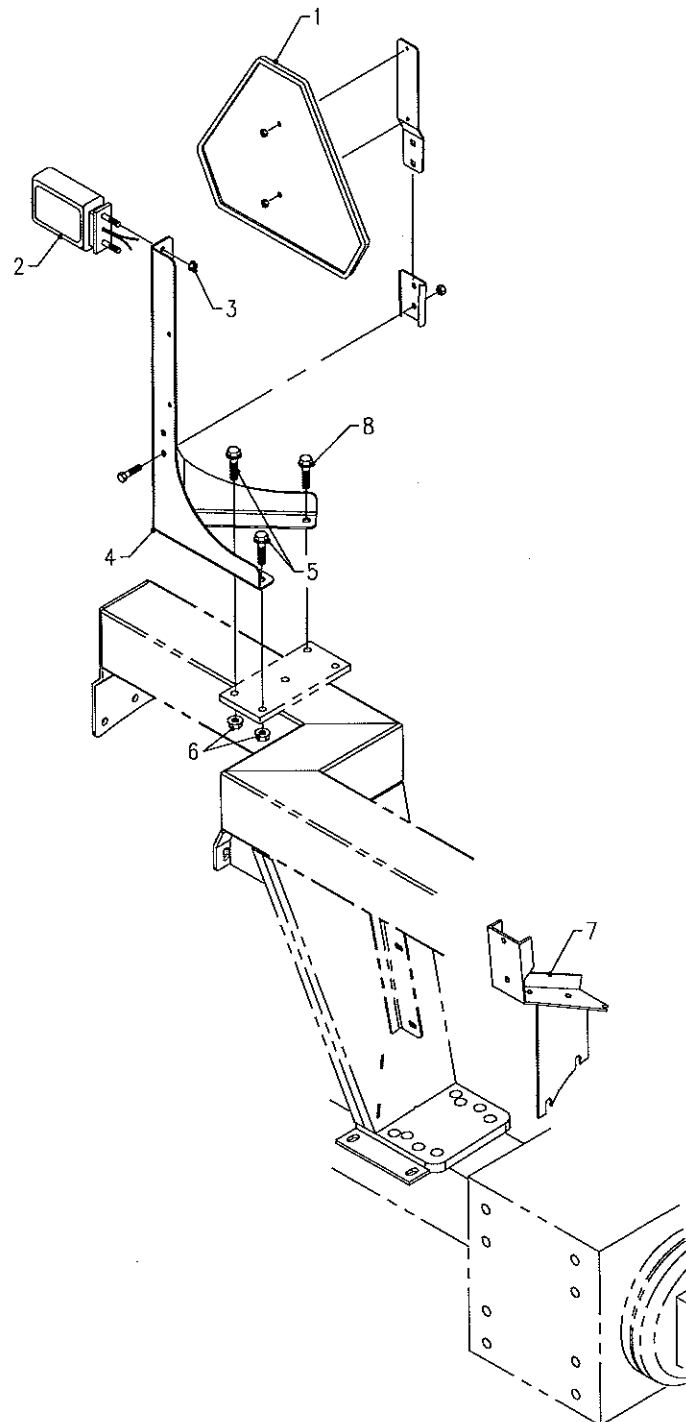
# MAIN FRAME

## section 1

### Parts List for Figure 2

| <u>Ref.</u> | <u>Part No.</u> | <u>Description</u>              | <u>Quantity</u> |
|-------------|-----------------|---------------------------------|-----------------|
| 1           | 6109462         | MOUNT, WATER COOLER             | 1               |
| 2           | 6109789         | WATER COOLER BRACKET            | 1               |
| 3           | 99-E39          | LOCKNUT, NYLON 1/4-20           | 3               |
| 4           | S8001           | STRAP, 15"-URETHANE             | 1               |
| 5           | 95-04           | FLAT WASHER, 1/4 SAE            | 8               |
| 6           | 99-E20          | FLANGE NUT, 1/4-20              | 31              |
| 7           | 99-K39          | BOLT, 1/4-20 X 1-1/2 BUTTON HD  | 2               |
| 8           | 99-K26          | BOLT, FLANGE 1/4-20 X 3/4       | 29              |
| 9           | 99-K50          | BOLT, FLANGE 1/2-13 X 1         | 4               |
| 10          | 99-E37          | FLANGE NUT, 1/2-13              | 4               |
| 11          | 99-E13          | FLANGE NUT, 3/8-16              | 5               |
| 12          | 99-K11          | BOLT, FLANGE 3/8-16 X 3/4       | 5               |
| 13          | 6109463         | LID, JD TOOLBOX (48" PALLET)    | 1               |
|             | 6109550         | LID, TOOLBOX (54" PALLET)       | 1               |
| 14          | 6109527         | TOP, NH TOOLBOX (48" PALLET)    | 1               |
|             | 6109589         | TOP, NH TOOLBOX (54" PALLET)    | 1               |
| 15          | 6109336         | SIDE, TOOLBOX                   | 1               |
| 16          | 6109528         | BOTTOM, NH TOOLBOX (48" PALLET) | 1               |
|             | 6109590         | BOTTOM, NH TOOLBOX (54" PALLET) | 1               |
| 17          | 6109335         | SIDE, TOOLBOX                   | 1               |
| 18          | 90-0406         | BOLT, 1/4-20 X 3/4              | 2               |
| 19          | 56-027          | TRIM, TRIM-LOC /FT              | 2               |
| 20          | 6109524         | MOUNT, TOOLBOX LID (48" PALLET) | 1               |
|             | 6109551         | MOUNT, TOOLBOX LID (54" PALLET) | 1               |
| 21          | 06-063          | COOLER, 5 GALLON WATER          | 1               |
| 22          | M5137           | TIE DOWN STRAP HOOK             | 1               |
| 23          | 07-A08          | FLATWASHER, 8MM                 | 3               |
| 24          | 07-C08          | LOCKWASHER, 8MM                 | 3               |
| 25          | 07-0812525      | METRIC BOLT, M8-1.25 X 25       | 3               |

SMV/Flasher  
Fuel Fill Bracket  
Figure 3



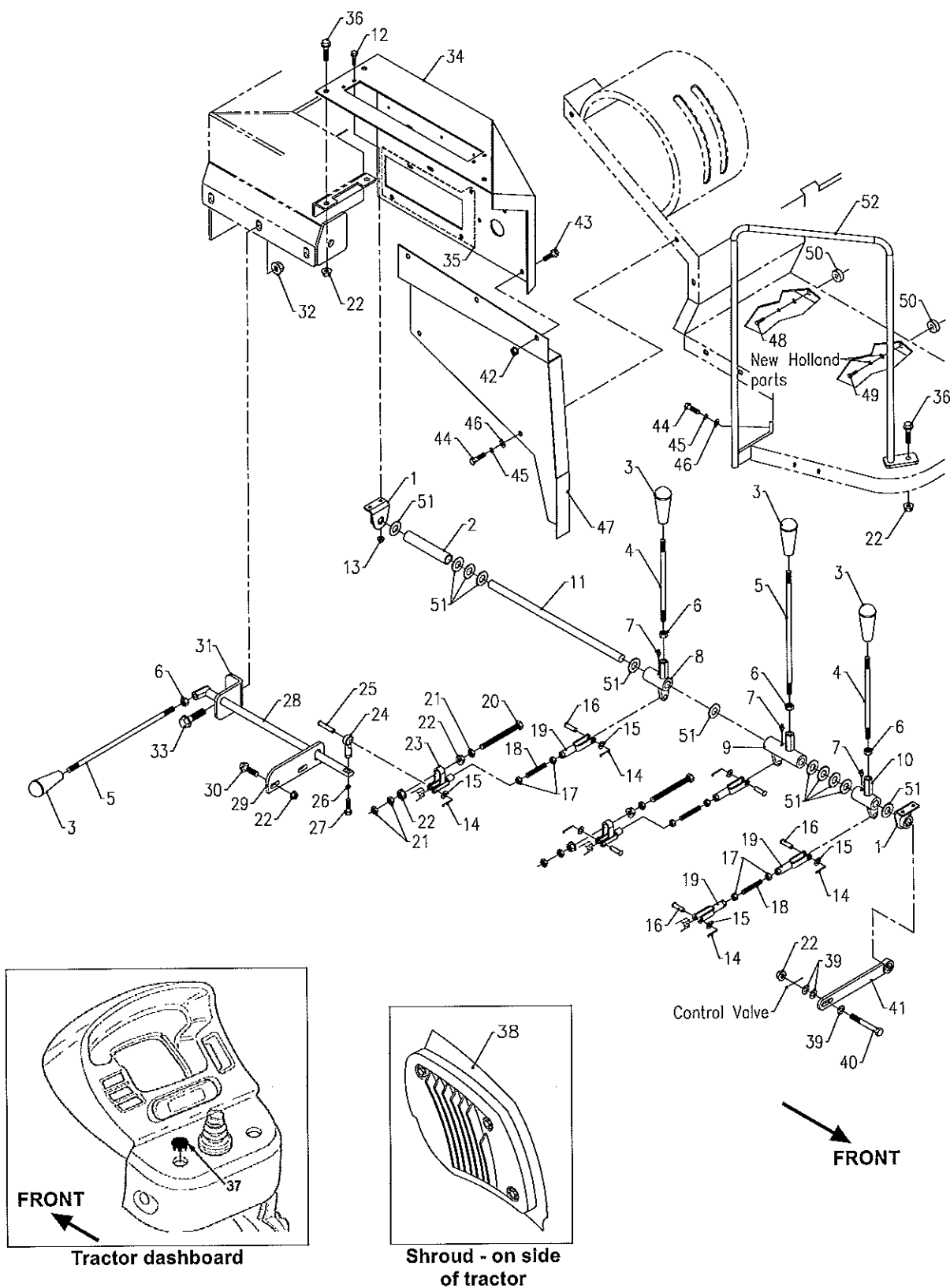
# MAIN FRAME

## section 1

### Parts List for Figure 3

| <u>Ref.</u> | <u>Part No.</u> | <u>Description</u>                       | <u>Quantity</u> |
|-------------|-----------------|------------------------------------------|-----------------|
| 1           | 47-141          | EMBLEM, SMV W/MOUNT                      | 1               |
| 2           | REF             | FLASHER ASSEMBLY                         |                 |
| 3           | 99-E12          | FLANGE NUT, 5/16-18                      | 2               |
| 4           | 6109531         | MOUNT, FLASHER/SMV SIGN                  | 1               |
| 5           | 99-K85          | BOLT, FLANGE 1/2-13 X 1 1/4 (48" PALLET) | 2               |
|             | 99-K56          | BOLT, FLANGE 1/2-13 X 1-1/2 (54" PALLET) | 2               |
| 6           | 99-E37          | FLANGE NUT, 1/2-13                       | 3               |
| 7           | 6115168         | BRACKET, FUEL FILLER NECK                | 1               |
| 8           | 99-K85          | BOLT, FLANGE 1/2-13 X 1 1/4              | 1               |

Control Panel & Linkage  
Figure 4



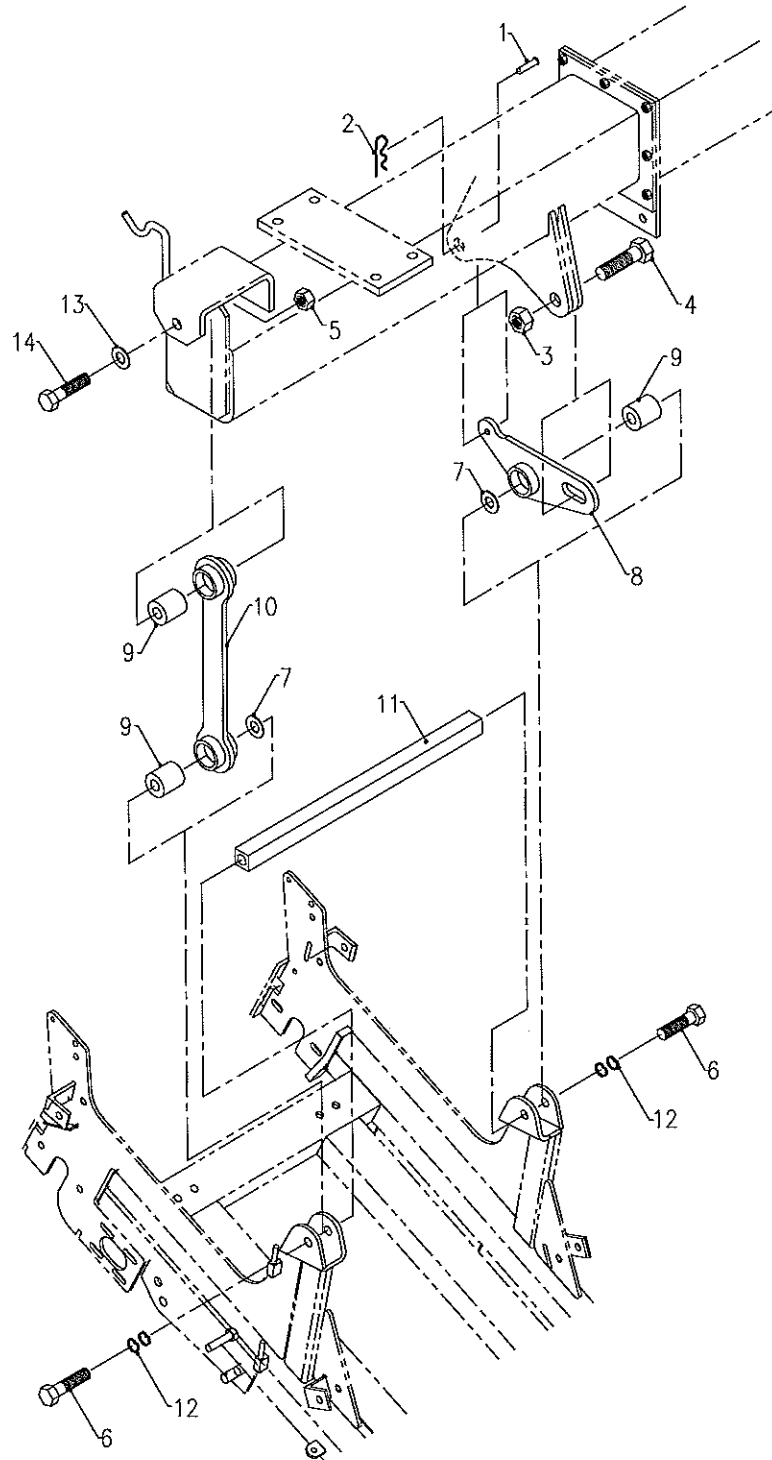
# MAIN FRAME

## section 1

### Parts List for Figure 4

| Ref. | Part No.   | Description                          | Quantity |
|------|------------|--------------------------------------|----------|
| 1    | 6109475    | SHAFT MOUNT                          | 2        |
| 2    | 6109782    | SPACER, BLOCK OFF - LEVER PIVOT      | 1        |
| 3    | 47-114     | KNOB, TAPERED 3/8-16 OAL 3"          | 4        |
| 4    | 6109486    | ARM, SHORT LEVER                     | 2        |
| 5    | 6109487    | ARM, LONG LEVER                      | 2        |
| 6    | 07-B10     | NUT, METRIC M10-1.5                  | 4        |
| 7    | 29-010     | GREASE FITTING, 1/4-28 SHORT         | 3        |
| 8    | 6109354    | CONTROL LINKAGE PIVOT - REAR         | 1        |
| 9    | 6109353    | CONTROL LINKAGE PIVOT - CENTER       | 1        |
| 10   | 6109352    | CONTROL LINKAGE PIVOT - FRONT        | 1        |
| 11   | 6109781    | SHAFT, SPOOL LEVER PIVOT             | 1        |
| 12   | 99-K26     | BOLT, FLANGE 1/4-20 X 3/4            | 4        |
| 13   | 99-E20     | FLANGE NUT, 1/4-20                   | 4        |
| 14   | 02-CP0308  | COTTER PIN, 3/32 X 1                 | 6        |
| 15   | 95-05      | FLAT WASHER, 5/16 SAE                | 6        |
| 16   | 03-0508    | CLEVIS PIN, 5/16 X 1                 | 5        |
| 17   | 93-05      | NUT, 5/16-24                         | 6        |
| 18   | 6109788    | ROD, SPOOL LINKAGE                   | 3        |
| 19   | 43-Y0505F  | YOKE END, 5/16-24 X 5/16 PIN         | 4        |
| 20   | F3747      | BOLT, 3/8-16 X 4 FULL THREAD         | 2        |
| 21   | 99-E21     | JAM NUT, 3/8-16                      | 6        |
| 22   | 99-E13     | FLANGE NUT, 3/8-16                   | 10       |
| 23   | 6109783    | STOP, ADJUSTABLE YOKE                | 2        |
| 24   | 43-005A    | ROD END, 5/16"                       | 1        |
| 25   | 03-0512    | CLEVIS PIN, 5/16 X 1-1/2             | 1        |
| 26   | 96-05      | LOCK WASHER, 5/16                    | 1        |
| 27   | 91-0508    | BOLT, 5/16-24 X 1                    | 1        |
| 28   | 6109493    | PIVOT, REAR DEPTH CONTROL - WELDMENT | 1        |
| 29   | 6109492    | PIVOT, DEPTH CONTROL FRONT           | 1        |
| 30   | 99-K13     | BOLT, FLANGE 3/8-16 X 1              | 2        |
| 31   | 6109491    | PIVOT, DEPTH CONTROL REAR            | 1        |
| 32   | 99-E37     | FLANGE NUT, 1/2-13                   | 1        |
| 33   | 99-K85     | BOLT, FLANGE 1/2-13 X 1 1/4          | 1        |
| 34   | 6109453    | PANEL, BEAM FORWARD CONTROL          | 1        |
| 35   | 6109488    | COVER, CONTROL PANEL                 | 1        |
| 36   | 99-K11     | BOLT, FLANGE 3/8-16 X 3/4            | 3        |
| 37   | 33-044     | PLUG, TURN SIGNAL SWITCH COVER       | 1        |
| 38   | 6115054    | SHROUD, MODIFIED RIGHT               | 1        |
|      | 6115055    | SHROUD, MODIFIED LEFT                | 1        |
| 39   | 95-06      | FLAT WASHER, 3/8 SAE                 | 3        |
| 40   | 90-0632    | BOLT, 3/8-16 X 4                     | 1        |
| 41   | 6109496    | CONTROL PANEL BRACE                  | 1        |
| 42   | 99-E12     | FLANGE NUT, 5/16-18                  | 3        |
| 43   | 99-K19     | BOLT, FLANGE 5/16-18 X 3/4           | 3        |
| 44   | 07-0812525 | METRIC BOLT, M8-1.25 X 25            | 4        |
| 45   | 07-C08     | LOCKWASHER, 8MM                      | 4        |
| 46   | 07-A08     | FLATWASHER, 8MM                      | 4        |
| 47   | 6109344    | SHIELD, CONTROL PANEL                | 1        |
| 48   | 07-0812535 | METRIC BOLT, M8-1.25 X 35            | 1        |
| 49   | 07-0812530 | METRIC BOLT, M8-1.25 X 30            | 1        |
| 50   | 6115067    | SPACER, RIGHT PLATFORM               | 2        |
| 51   | 99-B26     | WASHER, MACH 5/8 ID 14 GA            | A/R      |
| 52   | 6109540    | DRIVER RESTRAINT, NH                 | 1        |

Hangers  
Figure 5



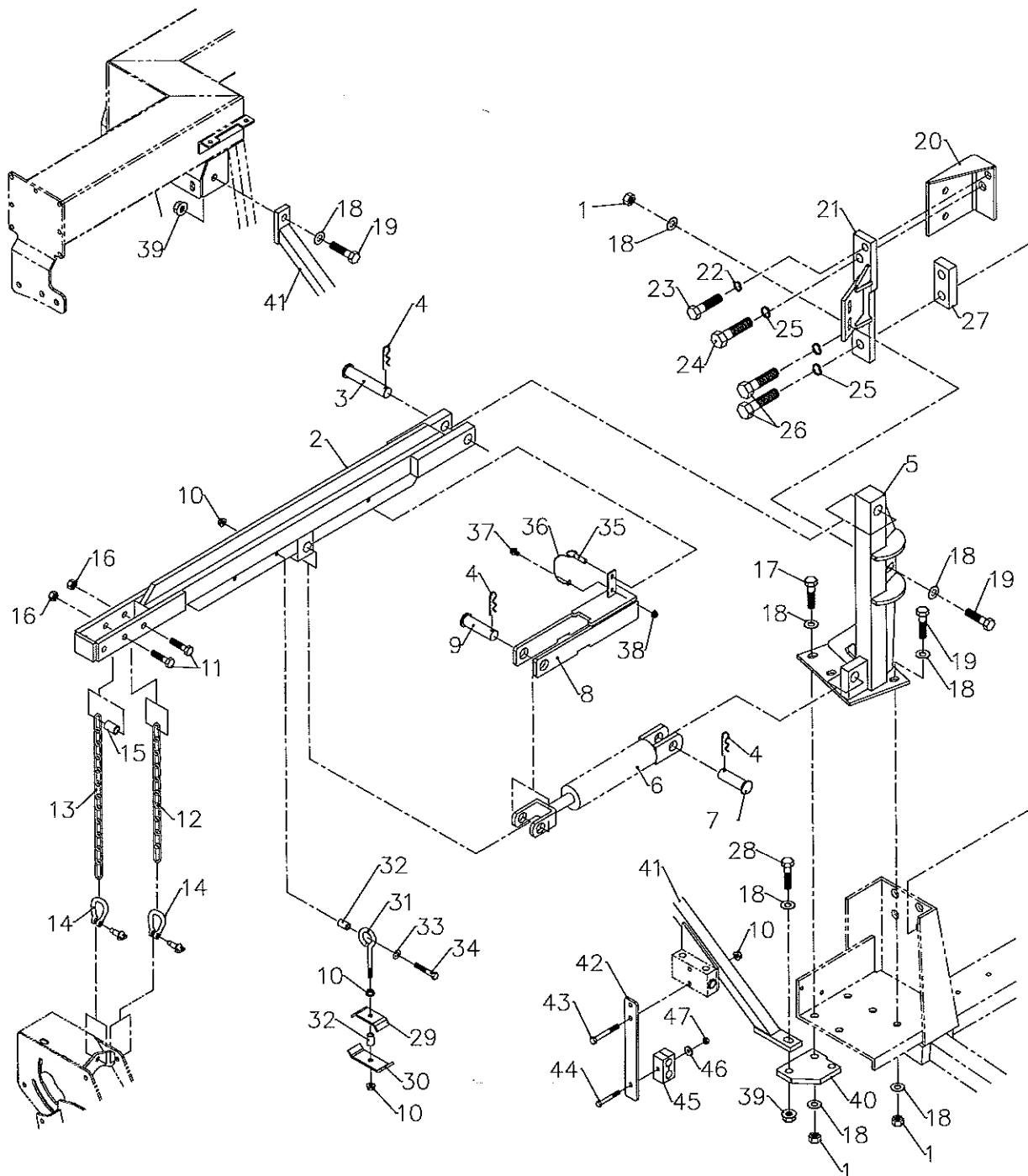
# MAIN FRAME

## section 1

### Parts List for Figure 5

| <u>Ref.</u> | <u>Part No.</u> | <u>Description</u>        | <u>Quantity</u> |
|-------------|-----------------|---------------------------|-----------------|
| 1           | 03-0510         | CLEVIS PIN, 5/16 X 1-1/4  | 1               |
| 2           | G2510           | PIN, HITCH CLIP           | 1               |
| 3           | 99-A12          | NUT, STOVER 3/4           | 1               |
| 4           | 90-1216         | BOLT, 3/4 X 2             | 1               |
| 5           | 99-A10          | LOCKNUT, STOVER 5/8-11    | 1               |
| 6           | 90-1024         | BOLT, 5/8-11 X 3          | 2               |
| 7           | F6051           | FLAT WASHER, 5/8          | A/R             |
| 8           | 6115602         | INNER HANGER LINK         | 1               |
| 9           | S8009           | ISOLATOR, CENTER BONDED   | 3               |
| 10          | 6115604         | OUTER HANGER LINK         | 1               |
| 11          | 016628          | MOUNT, CONVEYOR (16"/18") | 1               |
|             | 016629          | MOUNT, CONVEYOR (24")     | 1               |
| 12          | F6076           | WASHER, DISC LOCK 5/8     | 4               |
| 13          | 95-10           | FLAT WASHER, 5/8 SAE      | 1               |
| 14          | 90-1026         | BOLT, 5/8-11 X 3-1/4      | 1               |

Lift Arm & Lift Stand  
Figure 6



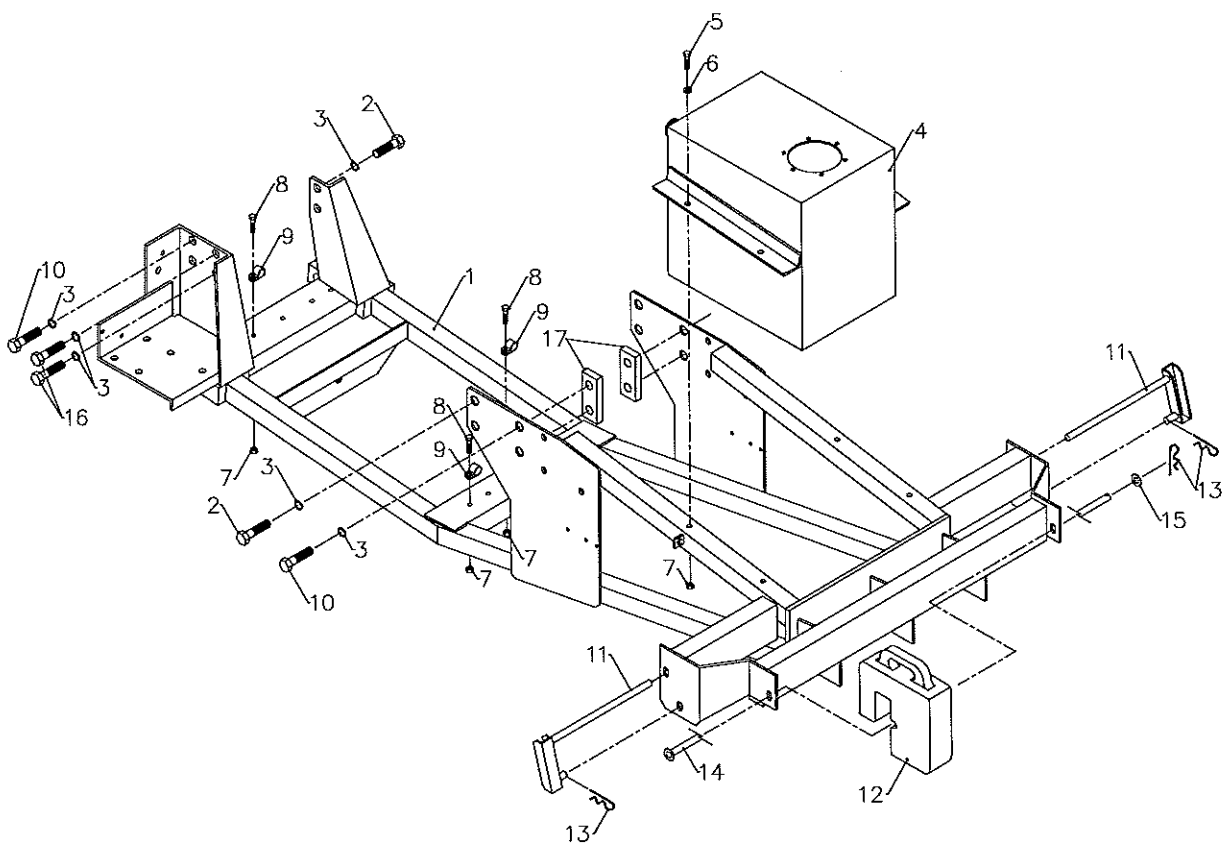
# MAIN FRAME

## section 1

### Parts List for Figure 6

| Ref. | Part No.   | Description                               | Quantity |
|------|------------|-------------------------------------------|----------|
| 1    | 99-A10     | LOCKNUT, STOVER 5/8-11                    | 7        |
| 2    | 001353     | LIFT ARM                                  | 1        |
| 3    | 03-1640    | CLEVIS PIN, 1 X 5                         | 1        |
| 4    | G2501      | PIN, HITCH CLIP #8                        | 3        |
| 5    | 6115911    | LIFT STAND, NH 1565                       | 1        |
| 6    | REF        | CYLINDER, CONVEYOR LIFT 3-1/2"            | 1        |
| 7    | 03-1624    | CLEVIS PIN, 1 X 3                         | 1        |
| 8    | 6115732    | SUPPORT, LIFT SAFETY                      | 1        |
| 9    | 03-1628    | CLEVIS PIN, 1 X 3-1/2                     | 1        |
| 10   | 99-E13     | FLANGE NUT, 3/8-16                        | 5        |
| 11   | 90-0832    | BOLT, 1/2 X 4                             | 2        |
| 12   | 002449     | CHAIN, 1560 SAFETY                        | 1        |
| 13   | 016715     | CHAIN, LIFT                               | 1        |
| 14   | G8003      | SHACKEL, ANCHOR 3/8"                      | 2        |
| 15   | 002448     | SPACER, 1560 LIFT CHAIN                   | 1        |
| 16   | 99-E41     | LOCKNUT, NYLON 1/2                        | 2        |
| 17   | 90-1020    | BOLT, 5/8-11 X 2-1/2                      | 2        |
| 18   | 94-10      | FLAT WASHER, 5/8                          | 15       |
| 19   | 90-1016    | BOLT, 5/8 X 2                             | 6        |
| 20   | 6115601    | BRACKET, AUTOSTEER MOUNT                  | 1        |
| 21   | 6115584    | MOUNT, LIFT STAND W/A                     | 1        |
| 22   | 96-12      | LOCKWASHER, 3/4                           | 1        |
| 23   | 07-1615040 | METRIC BOLT, M16-1.50 X 40 (SN 4329)      | 1        |
|      | 07-1615045 | METRIC BOLT, M16-1.50 X 45 (SN 4331 & UP) | 1        |
| 24   | 07-2025045 | METRIC BOLT, M20-2.50 X 45 (SN 4329)      | 1        |
|      | 07-2025050 | METRIC BOLT, M20-2.50 X 50 (SN 4331 & UP) | 1        |
| 25   | 07-C20     | LOCKWASHER, 20mm                          | 3        |
| 26   | 07-2025075 | METRIC BOLT, M20-2.50 X 75 (SN 4329)      | 2        |
|      | 07-2025080 | METRIC BOLT, M20-2.50 X 80 (SN 4331 & UP) | 2        |
| 27   | 6115571    | SPACER, LIFT STAND MOUNT                  | 1        |
| 28   | 90-1014    | BOLT, 5/8-11 X 1-3/4                      | 1        |
| 29   | 6115799    | HOSE CLAMP, UPPER                         | 1        |
| 30   | 6115800    | HOSE CLAMP, LOWER                         | 1        |
| 31   | 99-K87     | EYE-BOLT, 3/8-16 X 5                      | 1        |
| 32   | 6115801    | SPACER                                    | 2        |
| 33   | 94-06      | FLAT WASHER, 3/8 USS                      | 1        |
| 34   | 90-0620    | BOLT, 3/8-16 X 2-1/2                      | 1        |
| 35   | 03-020     | HITCH PIN, QUICK RELEASE 3/8"             | 1        |
| 36   | 45-073     | CABLE, LANYARD (6")                       | 1        |
| 37   | 99-K28     | BOLT, FLANGE 5/16-18 X 1/2                | 1        |
| 38   | 99-E12     | FLANGE NUT, 5/16-18                       | 1        |
| 39   | F6010      | NUT, FLANGED STOVER 5/8                   | 2        |
| 40   | 6109786    | ADAPTER, NH BEAM BRACE                    | 1        |
| 41   | 6109790    | BRACE, FRONT BEAM                         | 1        |
| 42   | 6109526    | MOUNT, LIFT CYLINDER                      | 1        |
| 43   | 90-0618    | BOLT, 3/8-16 X 2-1/4                      | 2        |
| 44   | 90-0518    | BOLT, 5/16-18 X 2-1/4                     | 1        |
| 45   | G8081      | CLAMP, PIPE DOUBLE 3/4 TUBE               | 1        |
| 46   | F2056      | WASHER, FLAT 5/16"ID                      | 1        |
| 47   | 99-E38     | LOCKNUT, NYLON 5/16-18                    | 1        |

Tank Frame & Weights  
Figure 7



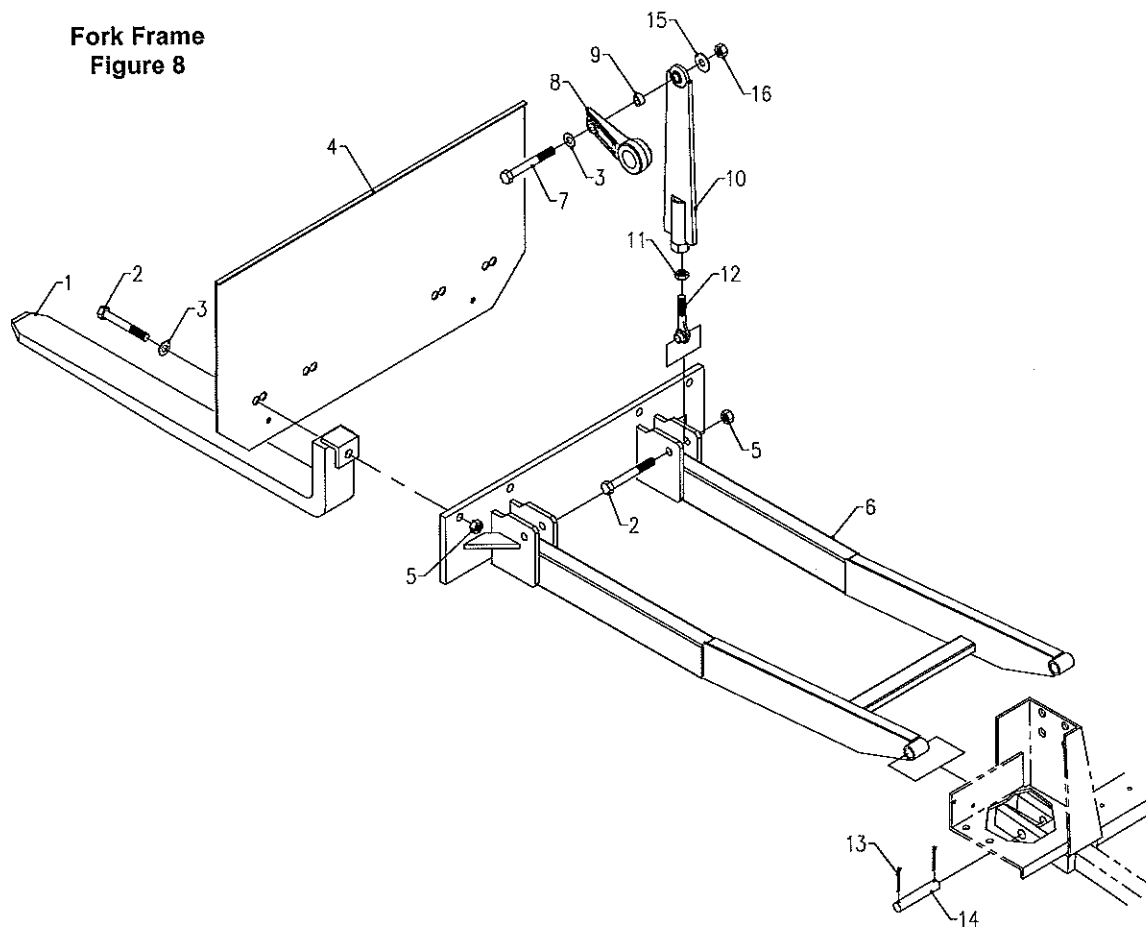
# MAIN FRAME

## section 1

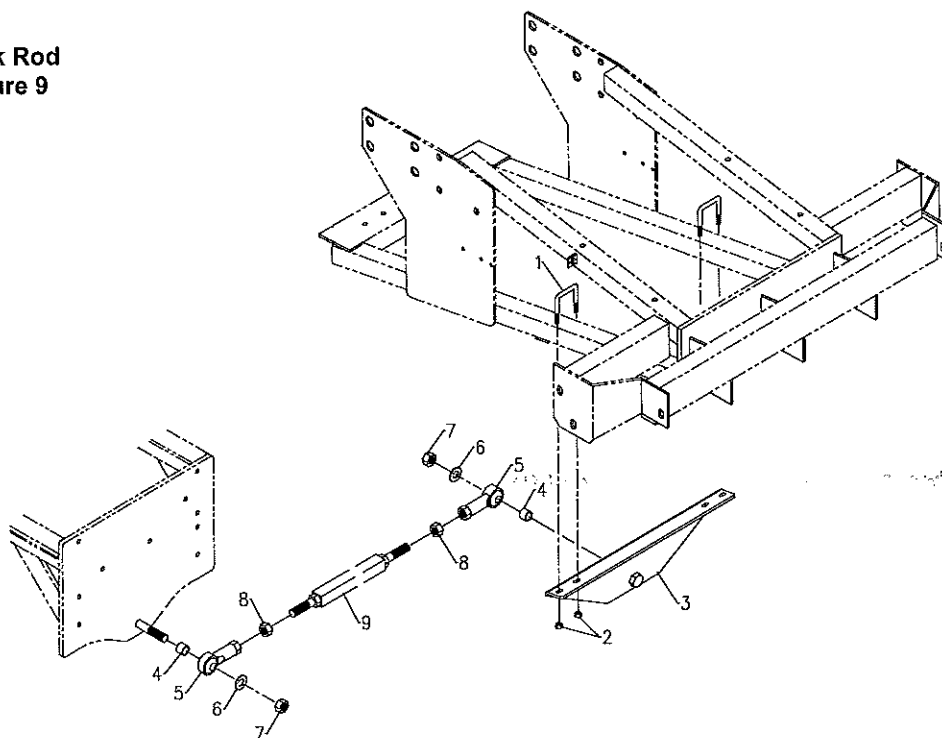
### Parts List for Figure 7

| <u>Ref.</u> | <u>Part No.</u> | <u>Description</u>                 | <u>Quantity</u> |
|-------------|-----------------|------------------------------------|-----------------|
| 1           | 6115803         | FRAME, TANK FRONT                  | 1               |
| 2           | 07-2025045      | METRIC BOLT, M20-2.5 X 45          | 8               |
| 3           | 07-C20          | LOCKWASHER, 20MM                   | 14              |
| 4           | REF             | TANK, HYDRAULIC                    |                 |
| 5           | 90-0624         | BOLT, 3/8 X 3                      | 4               |
| 6           | 015907          | FLAT WASHER, 3/8" HEAVY DUTY       | 4               |
| 7           | 99-E13          | FLANGE NUT, 3/8                    | 7               |
| 8           | 99-K11          | BOLT, FLANGE 3/8 X 3/4             | 3               |
| 9           | 11-057          | CLAMP, INSULATED CLOSED 1-1/4      | 3               |
| 10          | 07-2025055      | METRIC BOLT, M20-2.5 X 55          | 6               |
| 11          | 6115259         | ROD, WEIGHT SECURITY               | 2               |
| 12          | 62-540          | WEIGHT, 50# TRACTOR BALLAST        | 12              |
| 13          | 02-PP0420       | PRESTO PIN, 1/8 X 2-9/16           | 3               |
| 14          | 6109117         | ROD, WEIGHT RETAINER               | 1               |
| 15          | 94-10           | FLAT WASHER, 5/8                   | 1               |
| 16          | 07-2025075      | METRIC BOLT, M20-2.50 X 75         | 2               |
| 17          | 6115046         | SPACER, SIDE PLATE                 | 2               |
| *           | A02028          | KIT, TRACTOR WEIGHT "8" (OPTIONAL) | 1               |

Fork Frame  
Figure 8



Track Rod  
Figure 9



# MAIN FRAME

## section 1

Parts List for Figure 8

| <u>Ref.</u> | <u>Part No.</u> | <u>Description</u>            | <u>Quantity</u> |
|-------------|-----------------|-------------------------------|-----------------|
| 1           | 014055          | FORK, HARVESTER W/ ANGLE HOOK | 2               |
| 2           | 90-1232         | BOLT, 3/4-10 X 4              | 4               |
| 3           | 95-12           | FLAT WASHER, 3/4 SAE          | 4               |
| 4           | 6109114         | SHIELD, FORK (48" PALLET)     | 1               |
|             | 6109592         | SHIELD, FORK (54" PALLET)     | 1               |
| 5           | 99-A12          | LOCKNUT, STOVER 3/4-10        | 4               |
| 6           | 6109450         | FRAME, NH FORK (48" PALLET)   | 1               |
|             | 6109572         | FRAME, NH FORK (54" PALLET)   | 1               |
| 7           | 90-1232         | BOLT, 3/4-10 X 4              | 2               |
| 8           | 6109519         | ARM, NH MODIFIED LIFT LH      | 1               |
|             | 6109518         | ARM, NH MODIFIED LIFT RH      | 1               |
| 9           | 6109513         | BUSHING, NH LIFT ARM          | 2               |
| 10          | 6109444         | ARM, FORK FRAME LIFT          | 2               |
| 11          | F8006           | NUT, JAM 1-1/8"-7             | 2               |
| 12          | M0305           | BALL END TOP LINK             | 2               |
| 13          | 02-CP0612       | COTTER PIN, 3/16 X 1-1/2      | 4               |
| 14          | 6115030         | PIN, PALLET FORK HINGE        | 2               |
| 15          | 94-12           | FLAT WASHER, 3/4 USS          | 2               |
| 16          | 99-E43          | LOCKNUT, NYLON 3/4-10         | 2               |

Parts List for Figure 9

| <u>Ref.</u> | <u>Part No.</u> | <u>Description</u>             | <u>Quantity</u> |
|-------------|-----------------|--------------------------------|-----------------|
| 1           | 99-K49          | U-BOLT, 2"ID X 2-3/4 LG SQUARE | 2               |
| 2           | F3013           | NUT, FLANGED STOVER LOCK       | 4               |
| 3           | 6115838         | MOUNT, TRACK ROD               | 1               |
| 4           | 015630          | SPACER, TRACK ROD MOUNTING     | 2               |
| 5           | M0310           | ROD END, 3/4" FEMALE W/ZERC    | 2               |
| 6           | 95-12           | FLAT WASHER, 3/4 SAE           | 2               |
| 7           | 99-E43          | LOCKNUT, NYLON 3/4-10          | 2               |
| 8           | 99-E27          | JAM NUT, 3/4-16                | 2               |
| 9           | 6115559         | TRACKROD, 16/18 W/A            | 1               |
|             | 6115558         | TRACKROD, 24" W/A              | 1               |

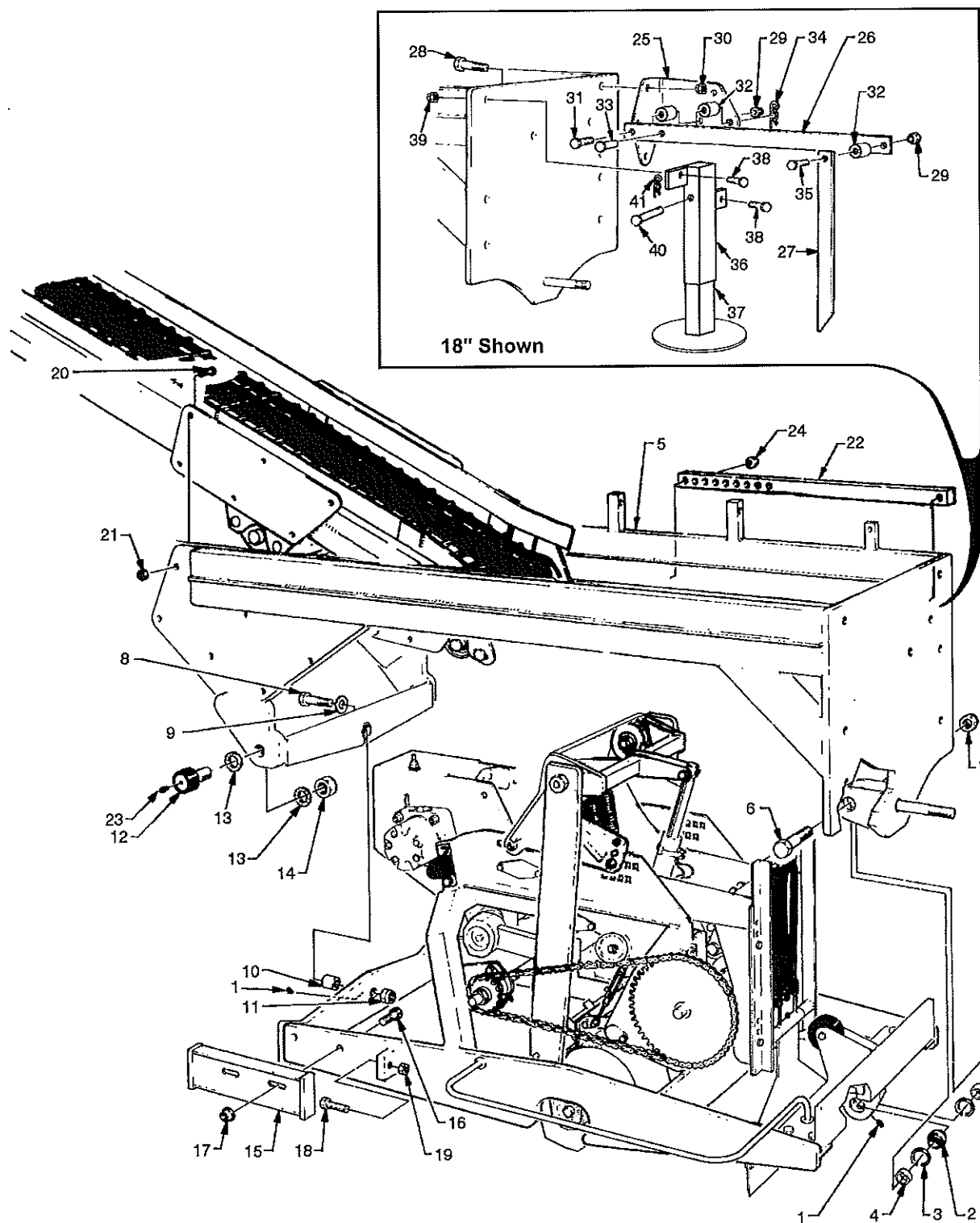


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| Cutting Head Drive                   | 2-4         |
| Cutting Blade Arms and Depth Control | 2-6         |
| Cutoff Assembly                      | 2-8         |
| 8" Roller and Cutoff Cam             | 2-12        |

# CUTTING HEAD

## section 2

Floating Head & Cradle  
Figure 10



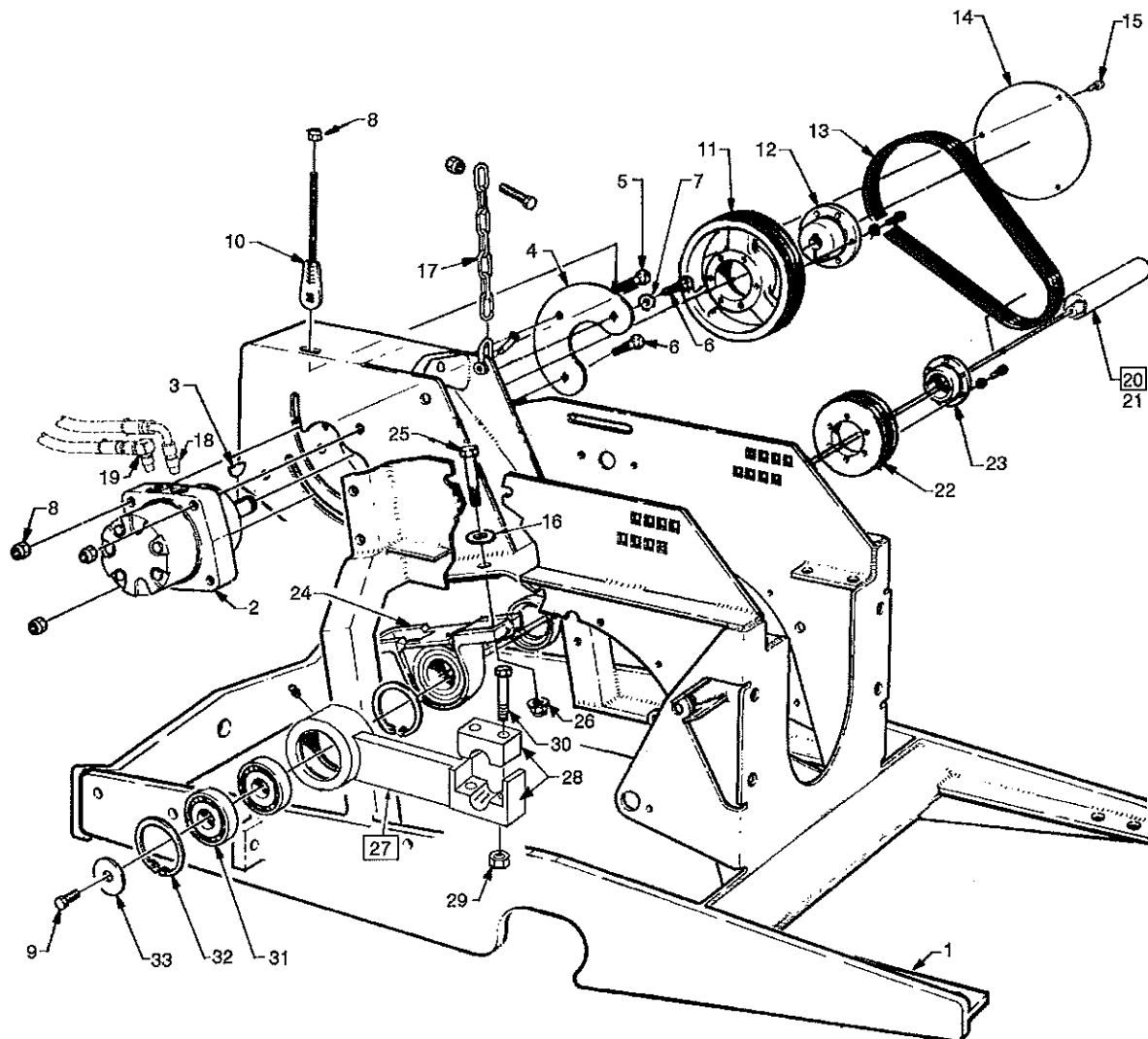
# CUTTING HEAD

## section 2

Parts List for Figure 10

| Ref. | Part No.  | Description                         | Quantity |
|------|-----------|-------------------------------------|----------|
| 1    | 29-010    | GREASE FITTING, 1/4                 | 2        |
| 2    | B8041     | BEARING, SPHERICAL PLAIN 1"         | 1        |
| 3    | G1007     | RETAINING RING, INTERNAL 1-5/8      | 2        |
| 4    | 016376    | SPACER, FRONT BALL                  | 2        |
| 5    | 016292    | FRAME, CUTTING HEAD CRADLE 16/18"   | 1        |
|      | 016595    | FRAME, CUTTING HEAD CRADLE 24"      | 1        |
| 6    | 91-1632   | BOLT, 1-14 X 4 NF                   | 1        |
| 7    | 99-E04    | LOCKNUT, NYLON 1-14 NF              | 1        |
| 8    | 90-1228   | BOLT, 3/4 X 3-1/2                   | 1        |
| 9    | 95-12     | FLAT WASHER, 3/4 SAE                | 1        |
| 10   | 002248    | BUSHING, PIVOT                      | 1        |
| 11   | 99-A12    | LOCKNUT, STOVER 3/4                 | 1        |
| 12   | B8015     | BEARING, CAMROLL AND STUD           | 2        |
| 13   | F8054     | WASHER, DISC LOCK                   | 4        |
| 14   | F8009     | NUT, HEX 1-1/8                      | 2        |
| 15   | 016401    | BLOCK, CAM FOLLOWER THRUST          | 2        |
| 16   | 90-0812   | BOLT, 1/2 X 1-1/2                   | 4        |
| 17   | F5018     | NUT, FLANGED STOVER LOCK 1/2        | 4        |
| 18   | F5707     | SCREW, FULL THREAD, HEX CAP 1/2 X 3 | 2        |
| 19   | 99-E10    | JAM NUT, 1/2                        | 2        |
| 20   | 90-0812   | BOLT, 1/2 X 1-1/2 (RUBBER MAT)      | 12       |
|      | 90-0812   | BOLT, 1/2 X 1-1/2 (MINTEX MAT)      | 8        |
| 21   | F5018     | NUT, FLANGED STOVER LOCK 1/2        | 12       |
| 22   | 016652    | BAR, DEPTH ADJUSTMENT               | 1        |
| 23   | M0010     | FITTING, GREASE                     | 2        |
| 24   | F3013     | NUT, FLANGED STOVER LOCK 3/8        | 2        |
|      | A03923    | KIT, MANUAL STEERING 1560           | 1        |
| 25   | 016512    | BRACKET, DRIVERS GUIDE              | 1        |
| 26   | 016513    | BAR, DRIVER GUIDE SUPPORT           | 1        |
| 27   | 016514    | BAR, DRIVERS GUIDE                  | 1        |
| 28   | 90-0812   | BOLT, 1/2 X 1-1/2                   | 3        |
| 29   | F5018     | NUT, FLANGED STOVER LOCK 1/2        | 2        |
| 30   | 99-E37    | FLANGE NUT, 1/2                     | 3        |
| 31   | 90-0820   | BOLT, 1/2 X 2-1/2                   | 1        |
| 32   | 014113    | SPACER, 1" (16")                    | 4        |
|      |           | SPACER, 1" (18")                    | 3        |
| 33   | G2022     | CLEVIS PIN, 1/2                     | 1        |
| 34   | G2503     | PIN, HITCH CLIP                     | 1        |
| 35   | 90-0830   | BOLT, 1/2 X 3-3/4 (16")             | 1        |
|      | 90-0820   | BOLT, 1/2 X 2-1/2 (18")             | 1        |
| 36   | 002502    | STAND, UPPER                        | 1        |
| 37   | 002506    | STAND, BASE                         | 1        |
| 38   | 90-0814   | BOLT, 1/2 X 1-3/4                   | 2        |
| 39   | F5018     | STOVER LOCKNUT, 1/2                 | 2        |
| 40   | 03-0820   | CLEVIS PIN, 1/2 X 2-1/2             | 1        |
| 41   | 02-PP0524 | PRESTO PIN, 3/8 X 2-15/16           | 1        |

Cutting Head Drive  
Figure 11



# CUTTING HEAD

## section 2

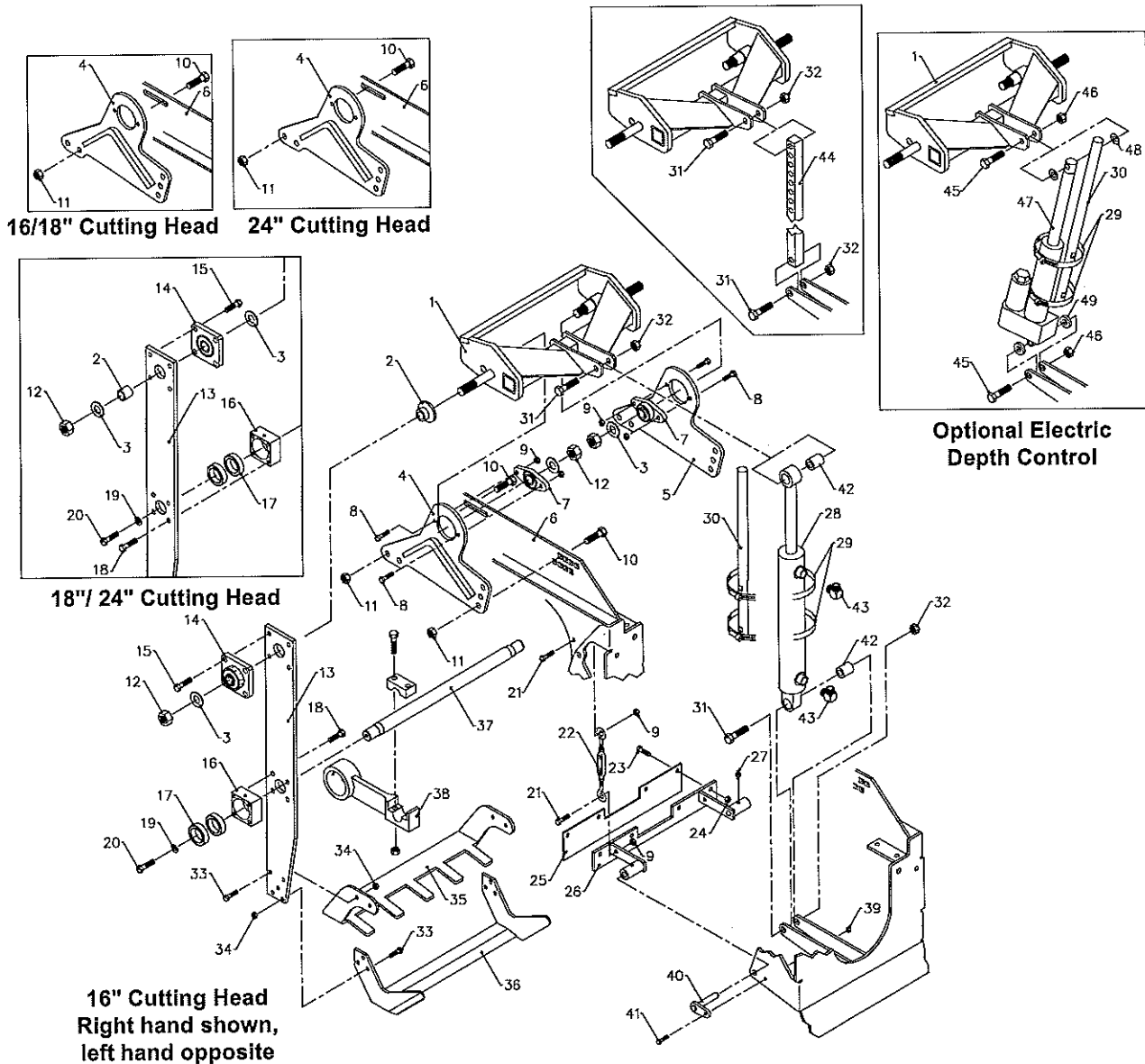
Parts List for Figure 11

| Ref. | Part No.      | Description                           | Quantity |
|------|---------------|---------------------------------------|----------|
| 1    | 002001        | FRAME, CUTTING HEAD 16/18"            | 1        |
|      | 002004        | FRAME, CUTTING HEAD 24"               | 1        |
| 2    | 21-091        | MOTOR, HYDRAULIC CUTTER               | 1        |
|      | E3046         | KIT, SEAL FOR HYDRAULIC MOTOR         | 1        |
| 3    | G8019         | KEY, WOODRUFF 1/4 X 1                 | 1        |
| 4    | 016295        | SCRAPER, MOTOR SHEAVE                 | 1        |
| 5    | F5102         | BOLT, CARRIAGE 1/2 X 3                | 1        |
| 6    | F5104         | BOLT, CARRIAGE 1/2 X 2-3/4            | 2        |
| 7    | 94-10         | WASHER, FLAT 5/8                      | 1        |
| 8    | F5018         | NUT, FLANGED STOVER LOCK 1/2          | 4        |
| 9    | 99-K61        | BOLT, FLANGE 3/8 X 1/2                | 2        |
| 10   | 016296        | TENSIONER, DRIVE MOTOR                | 1        |
| 11   | D2704         | SHEAVE, TAPER LOCK                    | 1        |
| 12   | D3029         | BUSHING, SPLIT TAPER LOCK             | 1        |
|      | F2718         | SCREW, HEX CAP 5/16 X 2               | 3        |
|      | 96-05         | LOCKWASHER, 5/16                      | 3        |
| 13   | 81-3-3VX400   | BELT, V                               | 1        |
| 14   | 016228        | PLATE, MOTOR COVER                    | 1        |
| 15   | 99-K61        | BOLT, FLANGE 3/8 X 1/2                | 3        |
| 16   | 002222        | CRANKSHAFT BEARING MOUNT WASHER       | 4        |
| 17   | 002449 (REF)  | CHAIN, SAFETY (SEE PAGE 2-8, REF. 43) | 1        |
| 18   | 25-0503-10-10 | FITTING, STR -10 M ORB/-10 M JIC      | 1        |
| 19   | H6192         | FITTING, ELBOW 90 DEG F #10 JIC       | 1        |
| 20   | A03589        | ASSEMBLY, CRANKSHAFT 16/18"           | 1        |
|      | A03590        | ASSEMBLY, CRANKSHAFT 24"              | 1        |
| 21   | 001287        | CRANKSHAFT, STANDARD 16/18"           | 1        |
|      | 001288        | CRANKSHAFT, 24"                       | 1        |
| 22   | D2705         | SHEAVE, TAPER LOCK                    | 1        |
| 23   | D3042         | BUSHING, SPLIT TAPER LOCK:            | 1        |
|      | F1713         | SCREW, HEX CAP 1/4 X 1-1/4            | 3        |
|      | 96-04         | LOCKWASHER, 1/4                       | 3        |
| 24   | B1120         | BEARING, PILLOW BLOCK 2"              | 2        |
| 25   | 90-1018       | BOLT, 5/8 X 2-1/4                     | 4        |
| 26   | F6010         | NUT, FLANGED STOVER 5/8               | 4        |
| 27   | A03008        | ASSEMBLY, CONNECTING ROD              | 2        |
| 28   | 001692        | SPLIT CONNECTING ROD                  | 1        |
|      | 29-010        | GREASE FITTING, 1/4                   | 1        |
| 29   | F4008         | NUT, FLANGED STOVER 7/16              | 2        |
| 30   | F4216         | BOLT, 7/16 X 2-3/4                    | 2        |
| 31   | B2015         | BEARING, BALL                         | 2        |
| 32   | G1002         | RETAINING RING, INTERNAL              | 2        |
| 33   | 99-B16        | WASHER, FENDER 3/8 X 1-1/2            | 2        |

# CUTTING HEAD

## section 2

Cutting Blade Arms & Depth Control  
Figure 12



Parts List for Figure 12

| Ref. | Part No. | Description                                  | Quantity |
|------|----------|----------------------------------------------|----------|
| 1    | 002398   | CRANK, HYDRAULIC DEPTH ADJUST. 16/18"        | 1        |
|      | 002399   | CRANK, HYDRAULIC DEPTH ADJUST. 24"           | 1        |
|      | 002218   | CRANK, ELEC. DEPTH ADJUST. 16/18" (OPTIONAL) | 1        |
|      | 002219   | CRANK, ELEC. DEPTH ADJUST. 24" (OPTIONAL)    | 1        |
| 2    | 016999   | BUSHING, CUTTER ARM                          | 2        |
|      | 002386   | SPACER, CUTTER ARM (16")                     | 2        |
| 3    | 99-B20   | WASHER, MACHINE 3/4 ID 14 GA.                | A/R      |
| 4    | 002317   | GUIDE, DEPTH ADJUST. RH                      | 1        |
| 5    | 002318   | GUIDE, DEPTH ADJUST. LH                      | 1        |
| 6    | REF      | FRAME, CUTTER HEAD                           |          |
| 7    | 6550003  | BEARING, 2-BOLT FLANGE 1"                    | 2        |

# CUTTING HEAD

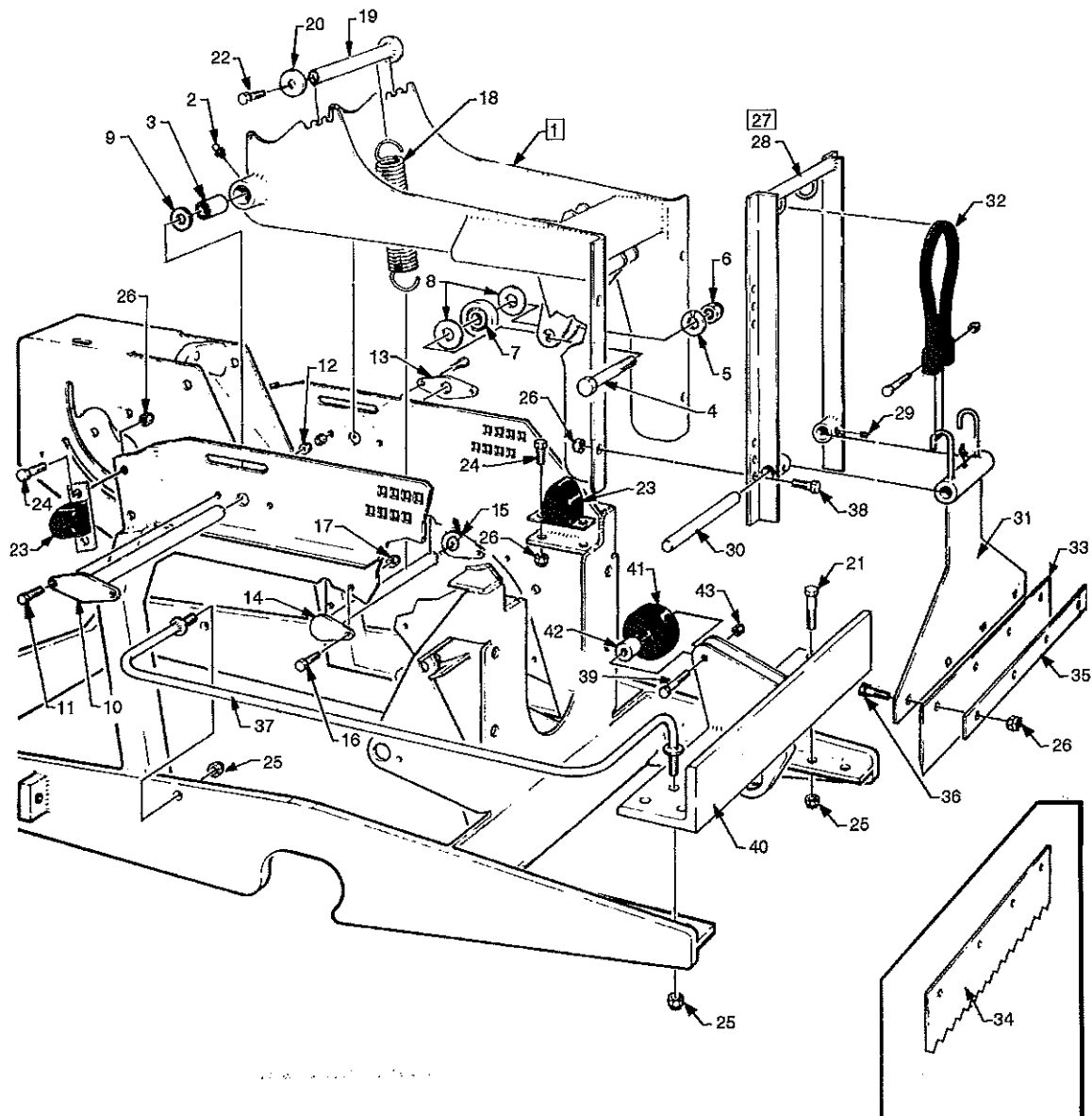
## section 2

Parts List for Figure 12

| Ref. | Part No.      | Description                                 | Quantity |
|------|---------------|---------------------------------------------|----------|
| 8    | 99-K62        | BOLT, FLANGE 5/16 X 1-1/4                   | 4        |
| 9    | F2014         | NUT, STOVER FLANGE 5/16                     | 6        |
| 10   | 97-0812       | CARRIAGE BOLT, 1/2 X 1-1/2                  | 4        |
| 11   | F5018         | NUT, STOVER FLANGE 1/2                      | 4        |
| 12   | 99-A12        | LOCKNUT, STOVER 3/4                         | 4        |
| 13   | 016977        | CUTTER ARM, 8" ROLLER                       | 2        |
|      | 002262        | CUTTER ARM, 10" ROLLER                      | 2        |
| 14   | 55-HCFS204-12 | BEARING, 4-BOLT FLANGE 3/4                  | 2        |
| 15   | 99-K13        | BOLT, FLANGE 3/8 X 1                        | 8        |
| 16   | 001281        | WRISTSHAFT MOUNTING BLOCK                   | 2        |
| 17   | B2014         | BEARING, BALL 25mm                          | 4        |
| 18   | 99-K22        | BOLT, FLANGE 3/8 X 1-1/4                    | 8        |
| 19   | 99-B16        | WASHER, FENDER 3/8 X 1-1/2 OD (16")         | 2        |
|      | 95-06         | WASHER, FLAT 3/8 SAE (18")                  | 2        |
| 20   | 99-K61        | BOLT, FLANGE 3/8 X 1/2                      | 2        |
| 21   | 99-K02        | BOLT, FLANGE 5/16 X 1                       | 4        |
| 22   | A03690        | TURNBUCKLE ASSEMBLY                         | 2        |
| 23   | 99-K19        | BOLT, FLANGE 5/16 X 3/4                     | 4        |
| 24   | 99-E12        | FLANGE NUT, 5/16                            | 4        |
| 25   | 002417        | BLADE, 16" SCRAPER                          | 1        |
|      | 002418        | BLADE, 18" SCRAPER                          | 1        |
|      | 002419        | BLADE, 24" SCRAPER                          | 1        |
| 26   | 002422        | SCRAPER BLADE HOLDER 16/18"                 | 1        |
|      | 002423        | SCRAPER BLADE HOLDER 24"                    | 1        |
| 27   | 29-010        | GREASE FITTING, 1/4                         | 2        |
| 28   | 23-131        | CYLINDER, 3" BORE 8" STROKE                 | 1        |
| 29   | 11-020        | CLAMP, HOSE 4-1/2" DIA.                     | 2        |
| 30   | 002447        | ROD, DEPTH INDICATOR                        | 1        |
|      | 00-267        | DECAL, CUTTERHEAD DEPTH INDICATOR           | 1        |
| 31   | 90-0824       | BOLT, 1/2 X 3                               | 2        |
| 32   | 99-A08        | LOCKNUT, STOVER 1/2                         | 2        |
| 33   | 515011        | BOLT, 5/16 X 1 NF GR. 9                     | 10       |
| 34   | F2002         | NUT, 5/16 NF GR. 9                          | 10       |
| 35   | 002403        | SOD GUIDE, 16"                              | 1        |
|      | 002404        | SOD GUIDE, 18"                              | 1        |
|      | 002405        | SOD GUIDE, 24"                              | 1        |
| 36   | 015638        | CUTTING BLADE 16"                           | 1        |
|      | 015639        | CUTTING BLADE 18"                           | 1        |
|      | 015640        | CUTTING BLADE, 24"                          | 1        |
| 37   | 001525        | WRISTSHAFT, 16"                             | 1        |
|      | 001526        | WRISTSHAFT, 18"                             | 1        |
|      | 001527        | WRISTSHAFT, 24"                             | 1        |
| 38   | REF           | SPLIT CONNECTING ROD                        |          |
| 39   | 99-E20        | FLANGE NUT, 1/4                             | 2        |
| 40   | 016304        | SHAFT, SCRAPER BLADE PIVOT                  | 2        |
| 41   | 99-K27        | BOLT, FLANGE 1/4 X 1                        | 2        |
| 42   | 002397        | BUSHING                                     | 2        |
| 43   | 25-2503-6-6   | FITTING, 90 -6 M ORB X -6 M JIC             | 2        |
| 44   | 016652        | BAR, DEPTH ADJUSTMENT (MANUAL DEPTH CONTR.) | 1        |
| 45   | 90-0820       | BOLT, 1/2 X 2-1/2                           | 2        |
| 46   | 99-E41        | LOCKNUT, NYLON 1/2                          | 2        |
| 47   | 002391        | ACTUATOR, MODIFIED                          | 1        |
| 48   | 94-08         | FLAT WASHER, 1/2                            | 2        |
| 49   | 99-B12        | WASHER, 1/4 X 17/32 X 1-1/8                 | 2        |
| *    | 002409        | WIRE, DEPTH CONTROL SWITCH                  | 1        |
| *    | 016184        | WIRE HARNESS, DEPTH CONTROL                 | 1        |
| *    | J0036         | SWITCH, TOGGLE MOM. ON/OFF/ON               | 1        |
| *    | J9505         | BOOT NUT KIT                                | 1        |

\* Not Illustrated

Cutoff Assembly  
Figure 13



# CUTTING HEAD

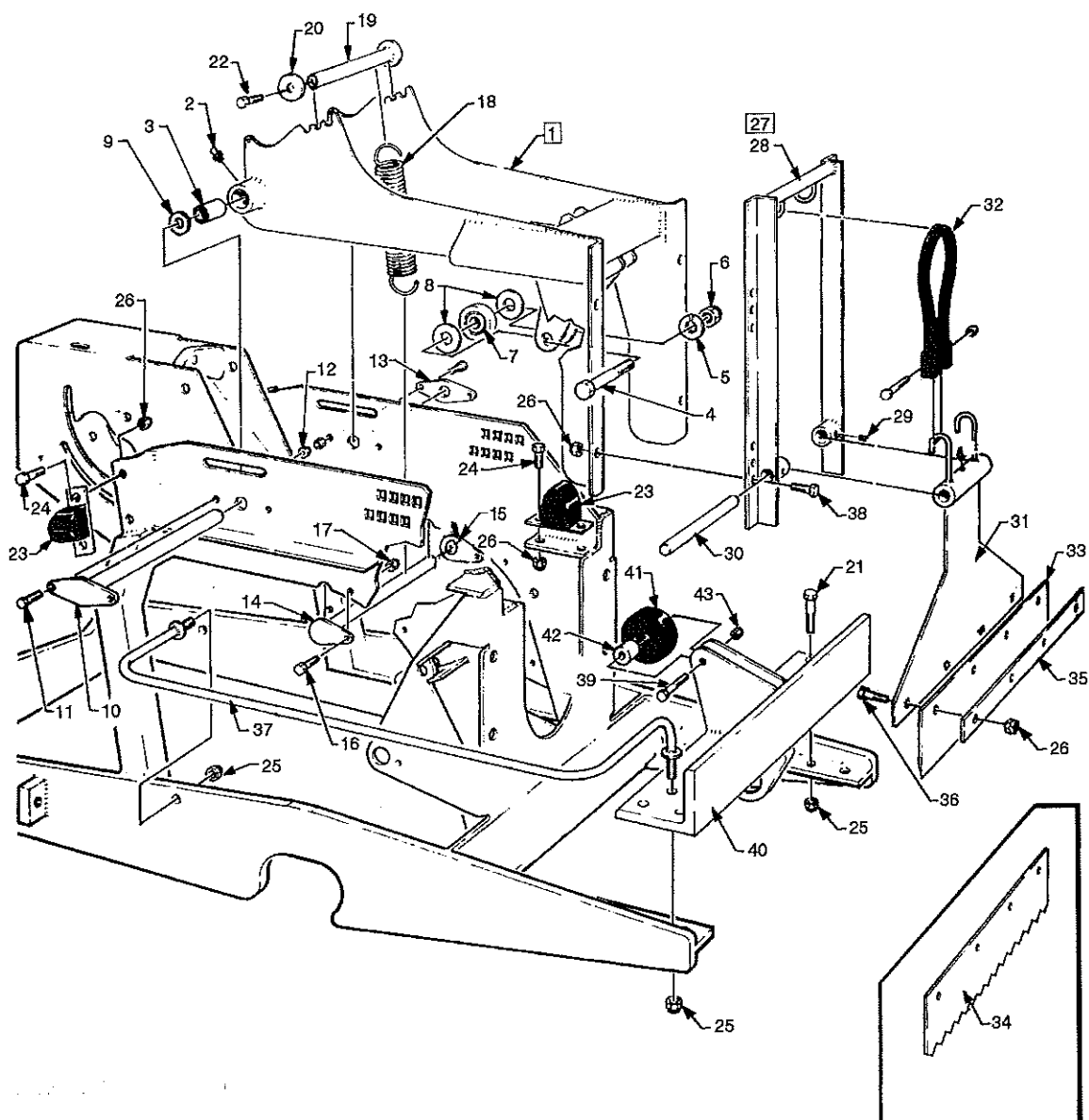
## section 2

Parts List for Figure 13

| Ref. | Part No. | Description                           | Quantity |
|------|----------|---------------------------------------|----------|
| 1    | A03595   | ASSEMBLY, CUTOFF FRAME 16/18"         | 1        |
|      | A03596   | ASSEMBLY, CUTOFF FRAME 24"            | 1        |
|      | 016262   | FRAME, CUTOFF 16/18"                  | 1        |
|      | 016615   | FRAME, CUTOFF 24"                     | 1        |
| 2    | 29-010   | GREASE FITTING, 1/4                   | 2        |
| 3    | 009536   | BUSHING, BRONZE                       | 2        |
| 4    | N9021    | SCREW, HEX CAP M20-2.50 X 80          | 1        |
| 5    | 07-C20   | LOCKWASHER, 20mm                      | 1        |
| 6    | N9022    | NUT, HEX M20-2.50 GR 8.8              | 1        |
| 7    | B8002    | BEARING, TRACK ROLLER                 | 1        |
| 8    | 95-12    | FLAT WASHER, 3/4 SAE                  | 2        |
| 9    | F7951    | WASHER, 59/64 X 1-19/64 X .031        | A/R      |
| 10   | 016582   | SHAFT, CUTOFF PIVOT 16/18"            | 1        |
|      | 016583   | SHAFT, CUTOFF PIVOT 24"               | 1        |
| 11   | 99-K02   | FLANGE BOLT, 5/16 X 1                 | 4        |
| 12   | 99-E12   | FLANGE NUT, 5/16                      | 4        |
| 13   | 016297   | LUG, ANTI-ROTATION                    | 1        |
| 14   | 016584   | SHAFT, LOWER SPRING MOUNT 16/18"      | 1        |
|      | 016585   | SHAFT, LOWER SPRING MOUNT 24"         | 1        |
| 15   | 016457   | ANTI ROTATION LUG                     | 1        |
| 16   | 99-K27   | FLANGE BOLT, 1/4 X 1                  | 2        |
| 17   | 99-E20   | FLANGE NUT, 1/4                       | 2        |
| 18   | S2006    | SPRING, EXT 16/18"                    | 4        |
|      | S2006    | SPRING, EXT 24"                       | 6        |
| 19   | 016300   | SHAFT, UPPER SPRING MOUNT 16/18"      | 1        |
|      | 016301   | SHAFT, UPPER SPRING MOUNT 24"         | 1        |
| 20   | 94-08    | FLAT WASHER, 1/2                      | 1        |
| 21   | 90-0814  | BOLT, 1/2 X 1-3/4                     | 4        |
| 22   | 99-K50   | FLANGE BOLT, 1/2 X 1                  | 1        |
| 23   | 014082   | BUMPER, RUBBER                        | 4        |
| 24   | 99-K11   | FLANGE BOLT, 3/8 X 3/4                | 8        |
| 25   | 99-E37   | FLANGE NUT, 1/2                       | 6        |
| 26   | 99-E13   | FLANGE NUT, 3/8                       | 17       |
| 27   | A03001   | ASSEMBLY, CUTOFF BLADE FRAME - 16/18" | 1        |
|      | A03002   | ASSEMBLY, CUTOFF BLADE FRAME - 24"    | 1        |
| 28   | 001301   | FRAME, CUTOFF BLADE - 16/18"          | 1        |
|      | 001445   | FRAME, CUTOFF BLADE - 24"             | 1        |
| 29   | 85-SS14  | SET SCREW, 3/8 X 3/8                  | 2        |
| 30   | 001417   | PIN, BLADE PIVOT - 16/18"             | 1        |
|      | 001418   | PIN, BLADE PIVOT - 24"                | 1        |
| 31   | 001446   | MOUNT, CUTOFF BLADE - 16/18"          | 1        |
|      | 001447   | MOUNT, CUTOFF BLADE - 24"             | 1        |
|      | 29-010   | GREASE FITTING, 1/4 - FOR 16/18"      | 1        |
|      | 29-010   | GREASE FITTING, 1/4 - FOR 24"         | 2        |
| 32   | 001452   | SPRING, URETHANE CUTOFF               | 2        |

Continued on next page

Cutoff Assembly  
Figure 13 (Continued)



## CUTTING HEAD

## section 2

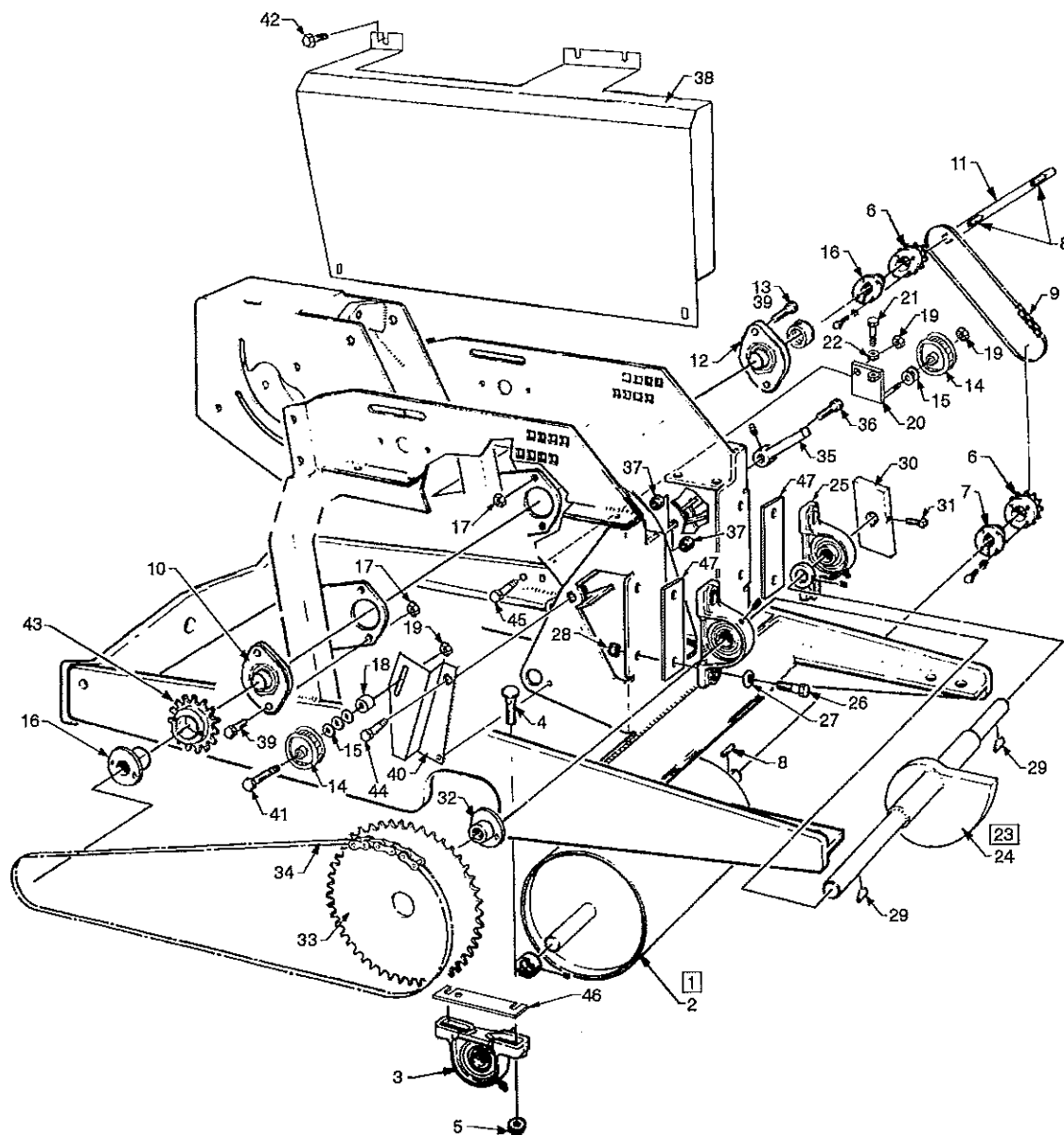
### Parts List for Figure 13 (continued)

| <u>Ref.</u> | <u>Part No.</u> | <u>Description</u>             | <u>Quantity</u> |
|-------------|-----------------|--------------------------------|-----------------|
| 33          | 001304          | BLADE, CUTOFF 16" WIDE         | 1               |
|             | 001305          | BLADE, CUTOFF 18" WIDE         | 1               |
|             | 001306          | BLADE, CUTOFF 24" WIDE         | 1               |
| 34          | 001683          | BLADE, SERRATED CUTOFF 16"WIDE | 1               |
|             | 001676          | BLADE, SERRATED CUTOFF 18"WIDE | 1               |
|             | 001677          | BLADE, SERRATED CUTOFF 24"WIDE | 1               |
| 35          | 001423          | CLAMP, CUTOFF BLADE-16/18"     | 1               |
|             | 001424          | CLAMP, CUTOFF BLADE-24"        | 1               |
| 36          | F3701           | BOLT, PLOW 3/8 X 1             |                 |
| 37          | 016508          | GUARD, TOE                     | 1               |
| 38          | 99-K22          | FLANGE BOLT, 3/8 X 1-1/4       | 4               |
| 39          | 90-0618         | BOLT, 3/8 X 2-1/4              | 1               |
| 40          | 016270          | CARRIER, FRONT PIVOT - 16/18"  | 1               |
|             | 016611          | CARRIER, FRONT PIVOT - 24"     | 1               |
| 41          | 001507          | DAMPENER, ROLL UP TRAY         | 1               |
| 42          | 001764          | BUSHING, RUBBER BUMPER         | 1               |
| 43          | 99-A06          | LOCKNUT, STOVER 3/8            | 1               |

# CUTTING HEAD

## section 2

8" Roller & Cutoff Cam  
Figure 14



Parts List for Figure 14

| Ref | Part no. | Description                | Quantity |
|-----|----------|----------------------------|----------|
| 1   | A03536   | KIT, 8" ROLLER -16"        | 1        |
|     | A03537   | KIT, 8" ROLLER -18"        | 1        |
|     | A03538   | KIT, 8" ROLLER -24"        | 1        |
| 2   | 015997   | ROLLER, 8" DIA -16"        | 1        |
|     | 015998   | ROLLER, 8" DIA -18"        | 1        |
|     | 015999   | ROLLER, 8" DIA -24"        | 1        |
| 3   | B1111    | BEARING, PILLOW BLOCK      | 2        |
| REF | 016970   | ROLLER, 10" DIA -16"       | 1        |
| REF | 016971   | ROLLER, 10" DIA -18"       | 1        |
| REF | 016972   | ROLLER, 10" DIA -24"       | 1        |
| 4   | F5106    | BOLT, CARRIAGE 1/2 X 1-3/4 | 4        |
| 5   | F5018    | NUT, FLANGED STOVER 1/2    | 4        |

# CUTTING HEAD

## section 2

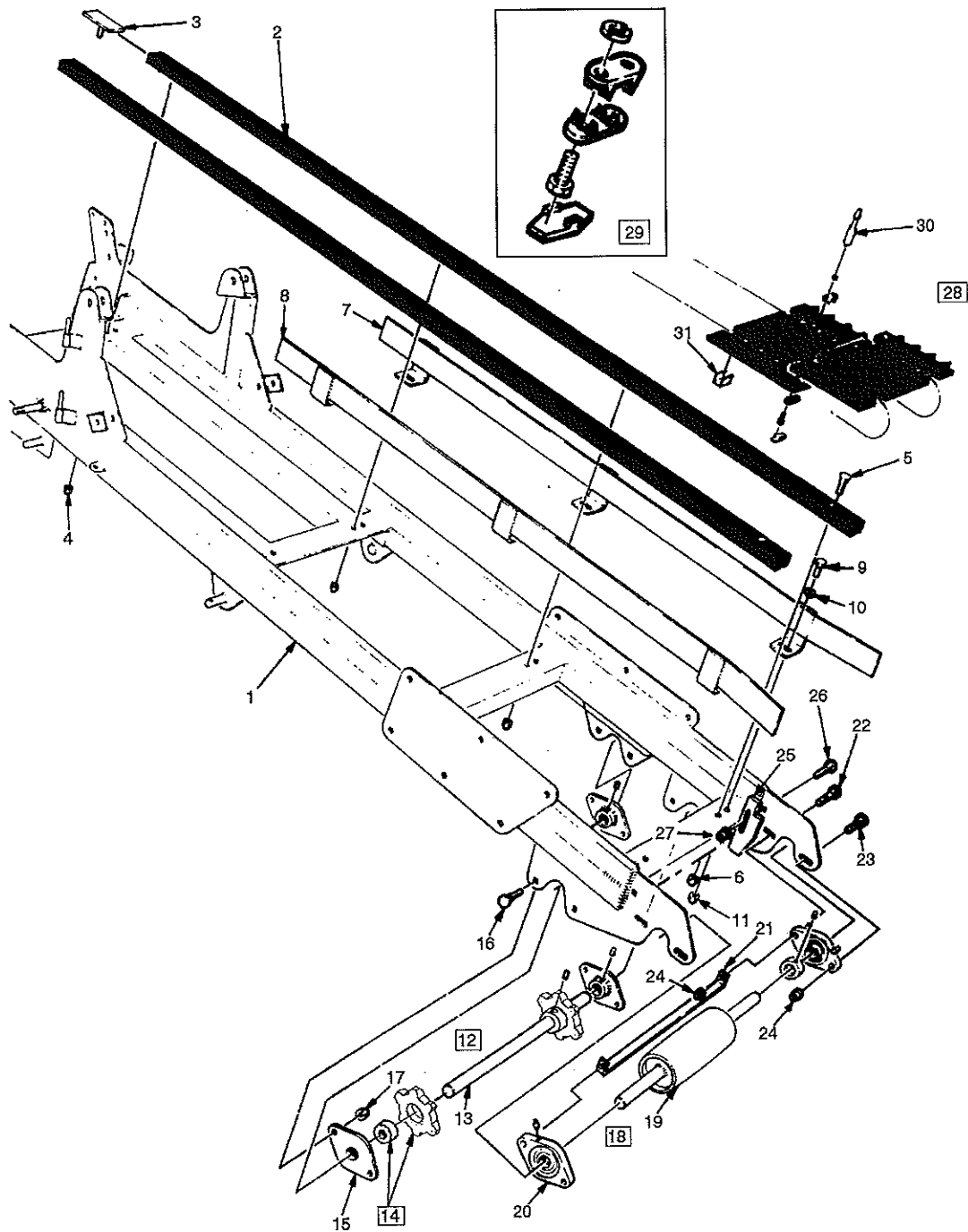
### Parts List for Figure 14 (continued)

| Ref. | Part No.  | Description                               | Quantity |
|------|-----------|-------------------------------------------|----------|
| 6    | D1406     | SPROCKET, TAPER LOCK (SEE PAGE 5-3)       | 2        |
| 7    | 83-H18    | BUSHING, 1-1/8" - 16/18" (SEE PAGE 5-3)   | 1        |
|      | 83-H20    | BUSHING, 1-1/4" - 24"                     | 1        |
| 8    | 124422    | KEY, 1/4 X 1/4 X 1-3/8                    | 3        |
| 9    | Q8008     | CHAIN, ROLLER #40                         | 1        |
|      | 81-076    | HALFLINK, #40                             | 1        |
|      | 81-056    | CONNECTOR LINK #40                        | 1        |
| 10   | 6550002   | BEARING, 1" FLANGE                        | 1        |
| 11   | 016404    | SHAFT, CUTTING HEAD JACK 16/18"           | 1        |
|      | 016405    | SHAFT, CUTTING HEAD JACK 24"              | 1        |
| 12   | 6550002   | BEARING, 1" FLANGE                        | 1        |
| 14   | D2902     | SHEAVE, BELT IDLER                        | 2        |
| 15   | 95-08     | FLATWASHER, 1/2 SAE                       | 5 or A/R |
| 16   | 83-H16SPL | BUSHING, H X 1" SPLIT TYPE (SEE PAGE 5-3) | 2        |
| 17   | 99-E12    | FLANGE NUT, 5/16                          | 4        |
| 18   | 002016    | SPACER                                    | 1        |
| 19   | F5018     | NUT, FLANGED STOVER LOCK 1/2              | 3        |
| 20   | 016976    | BRACKET, IDLER                            | 1        |
| 21   | 99-K63    | BOLT, 1/2 X 2 FULL THREAD                 | 1        |
| 22   | 99-E10    | JAM NUT, 1/2                              | 1        |
| 23   | A03591    | ASSEMBLY, SLOW LIFT CAMSHAFT 16/18"       | 1        |
|      | A03592    | ASSEMBLY, FAST LIFT CAMSHAFT 16/18"       | 1        |
|      | A03594    | ASSEMBLY, FAST LIFT CAMSHAFT 24"          | 1        |
| 24   | 016591    | SHAFT, SLOW LIFT CAM-16/18"               | 1        |
|      | 016592    | SHAFT, FAST LIFT CAM-16/18"               | 1        |
|      | 016594    | SHAFT, FAST LIFT CAM- 24"                 | 1        |
|      | 002586    | CAM, 16/18" SUPERLIFT W/A                 | 1        |
|      | 002587    | CAM, 24" SUPERLIFT W/A                    | 1        |
| 25   | B1001     | BEARING, PILLOW BLOCK                     | 2        |
| 26   | 90-0614   | BOLT, 3/8 X 1-3/4                         | 4        |
| 27   | 015907    | WASHER, SPECIAL                           | 4        |
| 28   | 99-E13    | FLANGE NUT, 3/8                           | 4        |
| 29   | G8019     | KEY, WOODRUFF 1/4 X 1                     | 2        |
| 30   | REF       | CAM STOP RETURN (SEE PAGE 5-3)            |          |
| 31   | F3603     | SET SCREW, 3/8 X 3/4 SQ HD                | 1        |
| 32   | REF       | SEE CHART SECTION 7-3                     |          |
| 33   | OPTION    | CAMSHAFT SPROCKET (SEE PAGE 5-3)          |          |
| 34   | Q8008     | CHAIN, ROLLER #40                         | 1        |
|      | 81-076    | HALFLINK, #40                             | 1        |
|      | 81-056    | CONNECTOR LINK #40                        | 1        |
| 35   | 001567    | RETURN CAM STOP                           | 1        |
|      | 29-010    | GREASE FITTING, 1/4                       | 1        |
| 36   | 90-0832   | BOLT, 1/2 X 4                             | 1        |
| 37   | F5018     | NUT, FLANGED STOVER LOCK 1/2              | 2        |
| 38   | 002011    | SHIELD, CUT OFF CHAIN                     | 1        |
| 39   | 97-0506   | CARRIAGE BOLT, 5/16 X 3/4                 | 4        |
| 40   | 016974    | BRACKET, IDLER                            | 1        |
| 41   | 90-0820   | BOLT, 1/2 X 2-1/2                         | 1        |
| 42   | 99-K19    | BOLT, FLANGE 5/16 X 1/2                   | 5        |
| 43   | OPTION    | JACKSHAFT SPROCKET (SEE PAGE 5-3)         |          |
| 44   | 90-0824   | BOLT, 1/2 X 3                             | 1        |
| 45   | 90-0814   | BOLT, 1/2 X 1-3/4                         | 1        |
| 46   | 002295    | SHIM, 10 GA                               | A/R      |
|      | 002296    | SHIM, 16 GA                               | A/R      |
|      | 002297    | SHIM, 22 GA                               | A/R      |
| 47   | 015761    | SHIM, CAMSHAFT 24"                        | A/R      |
|      | 015762    | SHIM, CAMSHAFT 16 & 18"                   | A/R      |



| <b>CONTENTS</b>                           | <b>PAGE</b> |
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| Motor Guard Assembly                      | 3-10        |
| Conveyor Drive                            | 3-12        |

Front Idlers & Sliders  
Rubber Mat, 16" & 18"  
Figure 15



# BASIC CONVEYOR

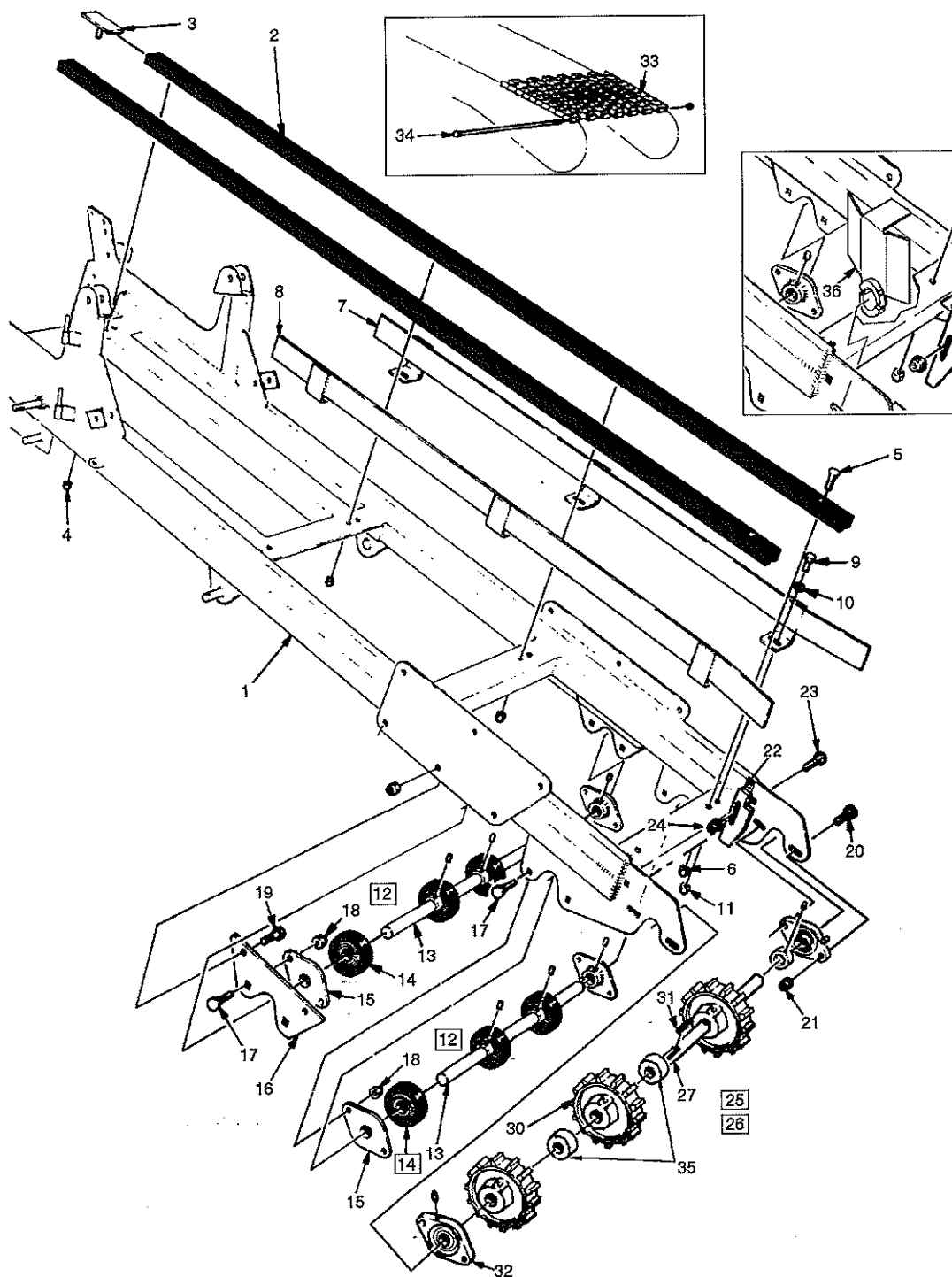
## section 3

### Parts List for Figure 15

| Ref. | Part No.   | Description                   | Quantity |
|------|------------|-------------------------------|----------|
| 1    | 016392     | FRAME, CONVEYOR- 16/18"       | 1        |
| 2    | 016361     | SLIDER, CONVEYOR              | 2        |
| 3    | 016661     | SLIDER, T-BOLT                | 6        |
| 4    | F3013      | NUT, FLANGED STOVER LOCK      | 6        |
| 5    | F5736      | SCREW, HEX SOC FLAT HEAD      | 2        |
| 6    | 99-E41     | LOCKNUT, NYLON 1/2            | 2        |
| 7    | 016425     | GUIDE, SOD LH 16"             | 1        |
| 8    | 016426     | GUIDE, SOD RH 16"             | 1        |
| 9    | 90-0810    | BOLT, 1/2 X 1-1/4             | 6        |
| 10   | 95-08      | FLAT WASHER, 1/2 SAE          | 6        |
| 11   | F5018      | NUT, FLANGED STOVER LOCK 1/2  | 6        |
| 12   | REF        | ASSEMBLY, LIFT SHAFT 16"/18"  | 1        |
| 13   | 009472     | SHAFT, FRONT IDLER            | 1        |
| 14   | A03184     | ASSEMBLY, IDLER               | 2        |
|      | 014268     | DRIVE SPROCKET                | 2        |
|      | B2022      | BEARING, BALL 1" (SETSCREW)   | 2        |
| 15   | 016382     | FLANGE, SHAFT                 | 2        |
|      | F2607      | SCREW, HEX SOCKET SET         | 2        |
| 16   | F4101      | BOLT, CARRIAGE 7/16 X 1-1/4   | 4        |
| 17   | F4008      | NUT, FLANGED STOVER           | 4        |
| 18   | A03679     | ASSEMBLY, CROWN ROLLER        | 1        |
| 19   | 016633     | ROLLER, CROWN                 | 1        |
| 20   | 55-FB23016 | BEARING, 2-BOLT FLANGE 1"     | 2        |
| 21   | 016383     | SCRAPER, CROWN ROLLER         | 1        |
| 22   | F4105      | BOLT, CARRIAGE 7/16 X 1-3/4   | 2        |
| 23   | F4104      | BOLT, CARRIAGE 7/16 X 1-1/2   | 2        |
| 24   | F4008      | NUT, FLANGED STOVER           | 4        |
| 25   | 016352     | PLATE, ADJUSTER WEDGE         | 2        |
| 26   | F4101      | BOLT, CARRIAGE 7/16 X 1-1/4   | 2        |
| 27   | F4008      | NUT, FLANGED STOVER           | 2        |
| 28   | A02009     | KIT, 16" RUBBER BELT ASSEMBLY | 1        |
|      | A02010     | KIT, 18" RUBBER BELT ASSEMBLY | 1        |
| *    | 002641     | HALF MAT SPLICER              | 2        |
|      | 002636     | BELT, 16" CONVEYOR            | 1        |
|      | 002637     | BELT, 18" CONVEYOR            | 1        |
| 29   | G8008      | MAT SPLICER, 16"              | 4        |
|      | G8008      | MAT SPLICER, 18"              | 5        |
| 30   | M5016      | NUT DRIVER                    | 1        |
| 31   | M5103      | CLIP, TRACK (WIDE)            | A/R      |
| *    | 71-008     | BELT CLIP CRIMPING TOOL       | 1        |

\* Not Illustrated

Front Idlers & Sliders  
Mintex Mat, 16" & 18"  
Figure 16



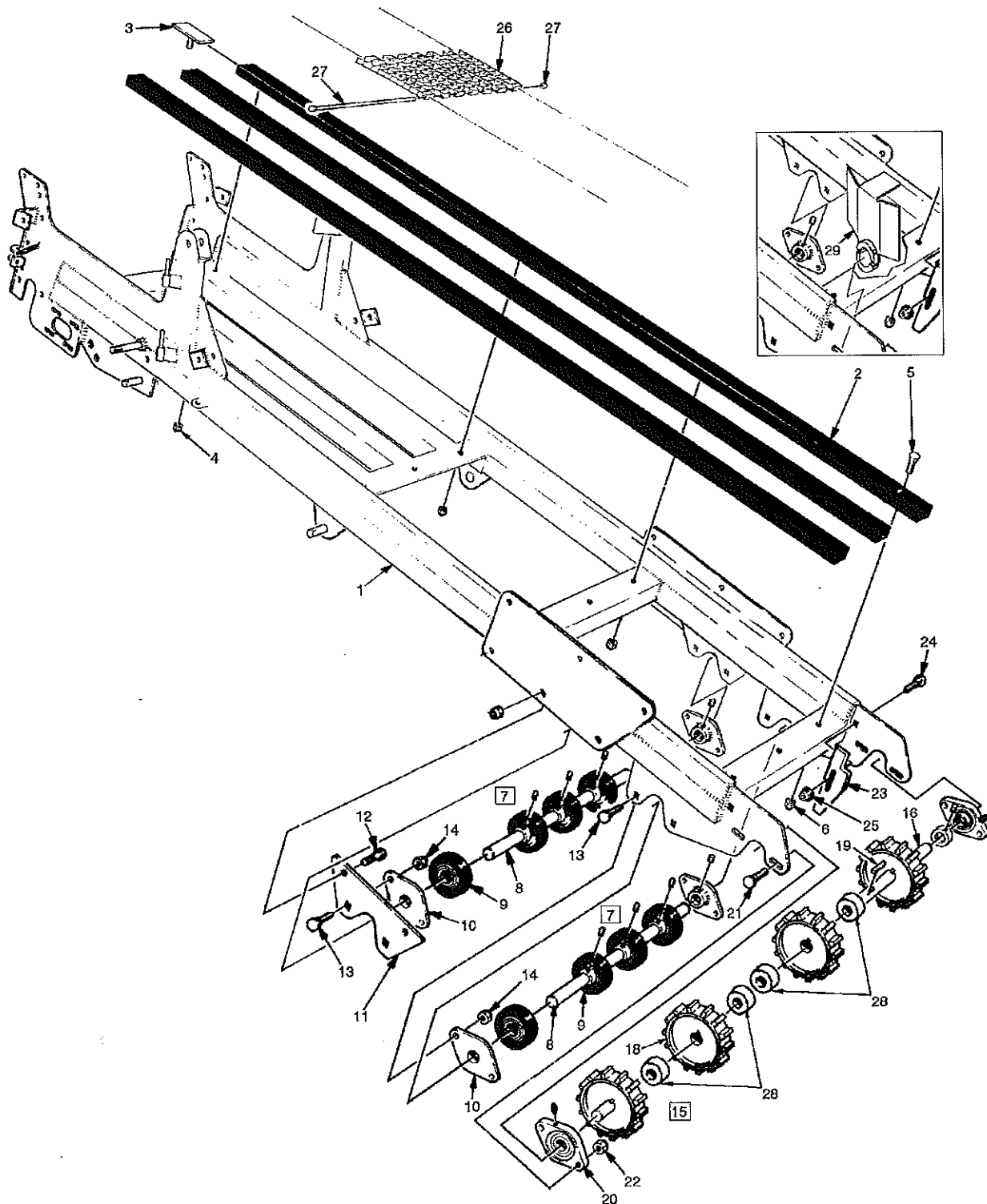
# BASIC CONVEYOR

## section 3

Parts List for Figure 16

| Ref. | Part No.   | Description                      | Quantity |
|------|------------|----------------------------------|----------|
| 1    | 016392     | FRAME, CONVEYOR- 16/18"          | 1        |
| 2    | 016361     | SLIDER, CONVEYOR                 | 2        |
| 3    | 016661     | SLIDER T-BOLT                    | 6        |
| 4    | F3013      | NUT, FLANGED STOVER LOCK         | 6        |
| 5    | F5736      | SCREW, HEX SOCKET FLAT HEAD      | 2        |
| 6    | 99-E41     | LOCKNUT, NYLON 1/2               | 2        |
| 7    | 016425     | GUIDE, SOD LH 16"                | 1        |
| 8    | 016426     | GUIDE, SOD RH 16"                | 1        |
| 9    | 90-0810    | BOLT, 1/2 X 1-1/4                | 6        |
| 10   | 95-08      | FLAT WASHER, 1/2 SAE             | 6        |
| 11   | 99-E37     | FLANGE NUT, 1/2                  | 6        |
| 12   | REF        | ASSEMBLY, LIFT SHAFT - 16" & 18" | 2        |
| 13   | 009472     | SHAFT, IDLER                     | 2        |
| 14   | A03184     | ASSEMBLY, IDLER                  | 6        |
|      | 014074     | IDLER ROLLER                     | 1        |
|      | B2022      | BEARING, BALL 1" (SETSCREW)      | 1        |
| 15   | 016382     | FLANGE, SHAFT                    | 4        |
|      | F2607      | SCREW, HEX SOCKET SET            | 2        |
| 16   | 016327     | PLATE, SHAFT SUPPORT             | 2        |
| 17   | F4101      | BOLT, CARRIAGE 7/16 X 1-1/4      | 8        |
| 18   | F4008      | NUT, FLANGED STOVER              | 8        |
| 19   | 90-0814    | BOLT, 1/2 X 1-3/4                | 4        |
| 20   | F4104      | BOLT, CARRIAGE 7/16 X 1-1/2      | 4        |
| 21   | F4008      | NUT, FLANGED STOVER              | 4        |
| 22   | 016352     | PLATE, ADJUSTER WEDGE            | 2        |
| 23   | F4101      | BOLT, CARRIAGE 7/16 X 1-1/4      | 2        |
| 24   | F4008      | NUT, FLANGED STOVER              | 2        |
| 25   | A03691     | ASSEMBLY, IDLER SHAFT - 16"      | 1        |
| 26   | A03692     | ASSEMBLY, IDLER SHAFT - 18"      | 1        |
| 27   | 016649     | SHAFT, CONVEYOR IDLER - 16/18"   | 1        |
| 30   | 014058     | SPROCKET, THIN                   | 3        |
| 31   | 124440     | KEY, 1/4 X 1/4 X 2-1/2           | 2        |
| 32   | 55-FB23016 | BEARING, 2-BOLT FLANGE 1"        | 2        |
| 33   | 001510     | BELT, MINTEX CONVEYOR 16"        | 1        |
|      | 001511     | BELT, MINTEX CONVEYOR 18"        | 1        |
| 34   | A03485     | ASSEMBLY, MAT CONNECTOR - 16"    | 1        |
|      | 001466     | CONNECTOR, 16" MAT               | 1        |
|      | A03487     | ASSEMBLY, MAT CONNECTOR - 18"    | 1        |
|      | 001465     | CONNECTOR, 18" MAT               | 1        |
| 35   | 85-SC16    | SET COLLAR                       | 2        |
| 36   | 002206     | GUIDE, MAT                       | 1        |

Front Idlers & Sliders  
Mintex Mat, 24"  
Figure 17



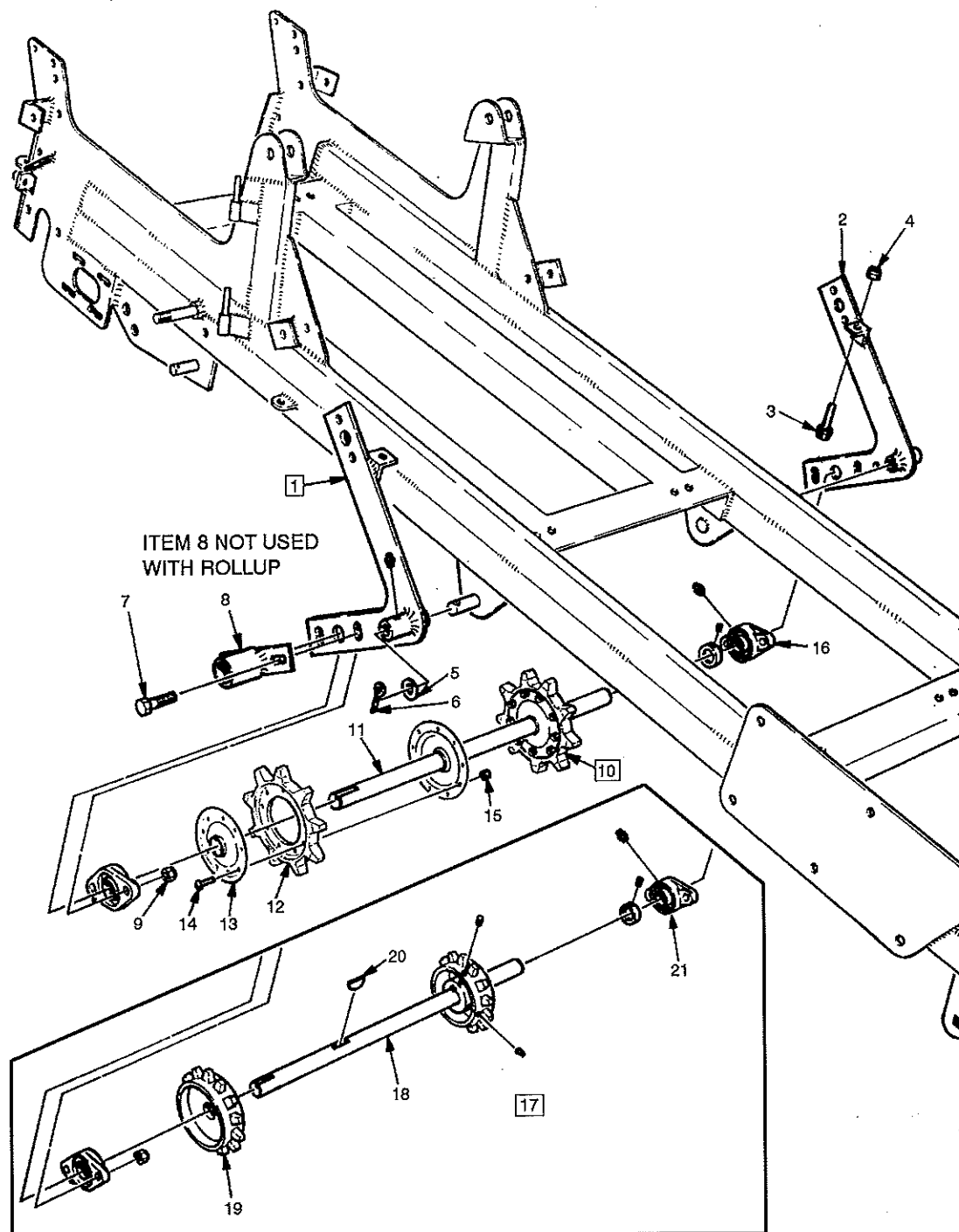
# BASIC CONVEYOR

## section 3

Parts List for Figure 17

| Ref. | Part No.   | Description                  | Quantity |
|------|------------|------------------------------|----------|
| 1    | 016393     | FRAME, CONVEYOR 24"          | 1        |
| 2    | 016361     | SLIDER, CONVEYOR             | 3        |
| 3    | 016661     | SLIDER T-BOLT                | 9        |
| 4    | F3013      | NUT, FLANGED STOVER LOCK     | 9        |
| 5    | F5736      | SCREW, HEX SOC. FLAT HD.     | 3        |
| 6    | 99-E41     | LOCKNUT, NYLON 1/2           | 3        |
| 7    | REF        | ASSEMBLY, LIFT SHAFT- 24"    | 2        |
| 8    | 016683     | SHAFT, 24" CONVEYOR          | 1        |
| 9    | A03184     | ASSEMBLY, IDLER              | 4        |
|      | 014074     | IDLER ROLLER                 | 1        |
|      | B2022      | BEARING, BALL 1" (SETSCREW)  | 1        |
| 10   | 016382     | FLANGE, SHAFT                | 2        |
|      | F2607      | SCREW, HEX SOC. SET          | 1        |
| 11   | 016327     | PLATE, SHAFT SUPPORT         | 2        |
| 12   | 90-0814    | BOLT, 1/2 X 1-3/4            | 4        |
| 13   | F4101      | BOLT, CARRIAGE 7/16 X 1-1/4  | 8        |
| 14   | F4008      | NUT, FLANGED STOVER          | 8        |
| 15   | A03693     | ASSEMBLY, IDLER SHAFT- 24"   | 1        |
| 16   | 016650     | IDLER SHAFT, CONVEYOR 24"    | 1        |
| 18   | 014058     | SPROCKET, THIN               | 4        |
| 19   | G8019      | KEY, WOODRUFF 1/4 X 1        | 2        |
| 20   | 55-FB23016 | BEARING, 2-BOLT FLANGE 1"    | 2        |
| 21   | F4104      | BOLT, CARRIAGE 7/16 X 1-1/2  | 4        |
| 22   | F4008      | NUT, FLANGED STOVER          | 4        |
| 23   | 016352     | PLATE, ADJUSTER WEDGE        | 2        |
| 24   | F4101      | BOLT, CARRIAGE 7/16 X 1-1/4  | 2        |
| 25   | F4008      | NUT, FLANGED STOVER          | 2        |
| 26   | 001512     | BELT, MINTEX CONVEYOR- 24"   | 1        |
| 27   | A03484     | ASSEMBLY, MAT CONNECTOR- 24" | 1        |
|      | 001464     | CONNECTOR, 24" MAT           | 1        |
| 28   | 85-SC16    | SET COLLAR                   | 4        |
| 29   | 002206     | GUIDE, MAT                   | 1        |

Mid Idler Assembly  
Figure 18



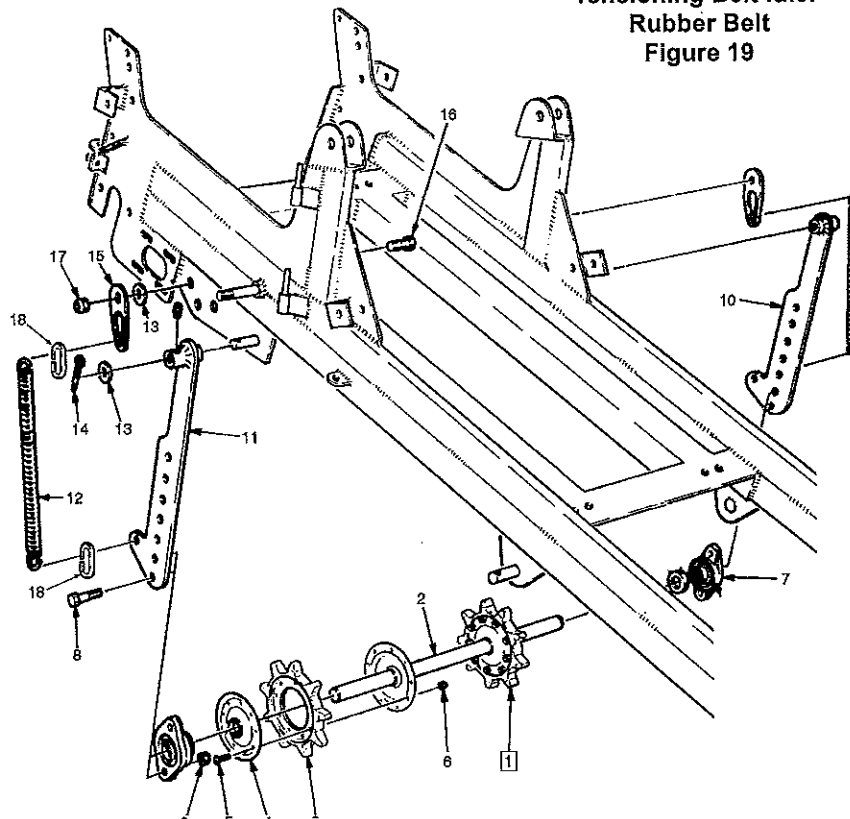
# BASIC CONVEYOR

## section 3

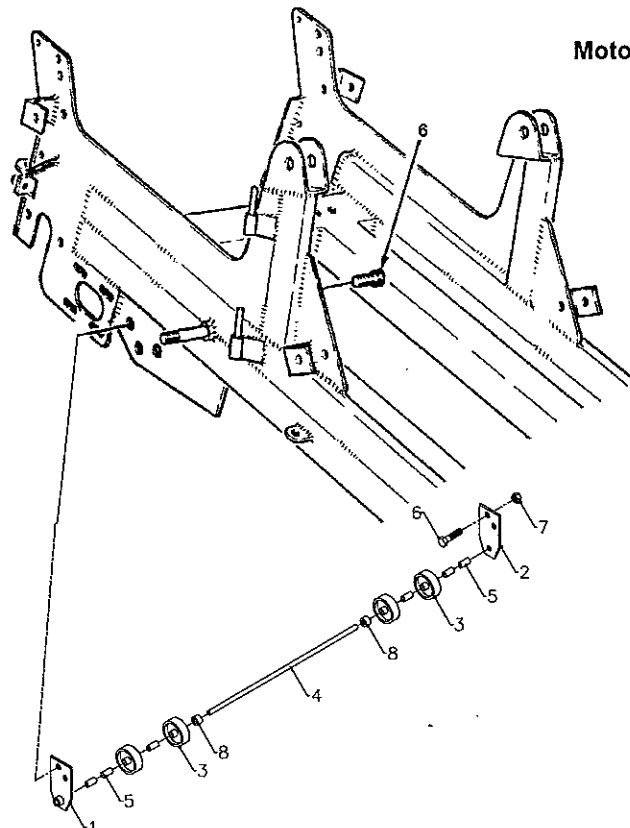
Parts List for Figure 18

| Ref. | Part No.  | Description                          | Quantity |
|------|-----------|--------------------------------------|----------|
| 1    | A03041    | ASSEMBLY, MID IDLER ARM RH           | 1        |
| 2    | A03042    | ASSEMBLY, MID IDLER ARM LH           | 1        |
|      | 29-010    | GREASE FITTING, 1/4                  | 1        |
| 3    | F3748     | BOLT, RUBBER HEAD 3/8                | 1        |
| 4    | 99-E21    | JAM NUT, 3/8                         | 1        |
| 5    | F6051     | WASHER, FLAT 5/8" ID X 1" OD X .063" | 2        |
| 6    | 02-CP0512 | COTTER PIN, 5/32 X 1-1/2             | 2        |
| 7    | 99-K22    | BOLT, FLANGE 3/8 X 1-1/4             | 4        |
| 8    | 015558    | IDLER SHAFT GUARD - SLABBER ONLY     | 1        |
| 9    | F3013     | NUT, FLANGED STOVER LOCK             | 4        |
| 10   | A03684    | ASSEMBLY, IDLER SHAFT 18" RUBBER MAT | 1        |
| 11   | 014128    | SHAFT, IDLER 18"                     | 1        |
| 12   | 83-053    | SPROCKET, 9-TOOTH BROUWER            | 2        |
| 13   | D8001     | FLANGE, SPROCKET                     | 2        |
| 14   | 99-K06    | BOLT, 1/4 X 3/4 SL RD HD             | 18       |
| 15   | 99-E39    | LOCKNUT, NYLON 1/4                   | 18       |
| 16   | B0105     | BEARING, 3/4" FLANGE                 | 2        |
| 17   | A03680    | ASSEMBLY, IDLER SHAFT 16" MINTEX MAT | 1        |
|      | A03681    | ASSEMBLY, IDLER SHAFT 18" MINTEX MAT | 1        |
|      | A03682    | ASSEMBLY, IDLER SHAFT 24" MINTEX MAT | 1        |
| 18   | 001406    | SHAFT, DRIVE- 4" ROLLER 16-18"       | 1        |
|      | 001407    | SHAFT, DRIVE- 4" ROLLER 24"          | 1        |
| 19   | 001576    | SPROCKET, 4" CAST                    | 2        |
|      | 85-SS09   | SET SCREW, 5/16 X 3/8 SKTHD          | 2        |
| 20   | 85-W0306  | KEY, WOODRUFF 3/16 X 3/4             | 2        |
| 21   | B0105     | BEARING, 3/4" FLANGE                 | 2        |

Tensioning Belt Idler  
Rubber Belt  
Figure 19



Motor Guard Assembly  
Mintex Belt  
Figure 19A



# BASIC CONVEYOR

## section 3

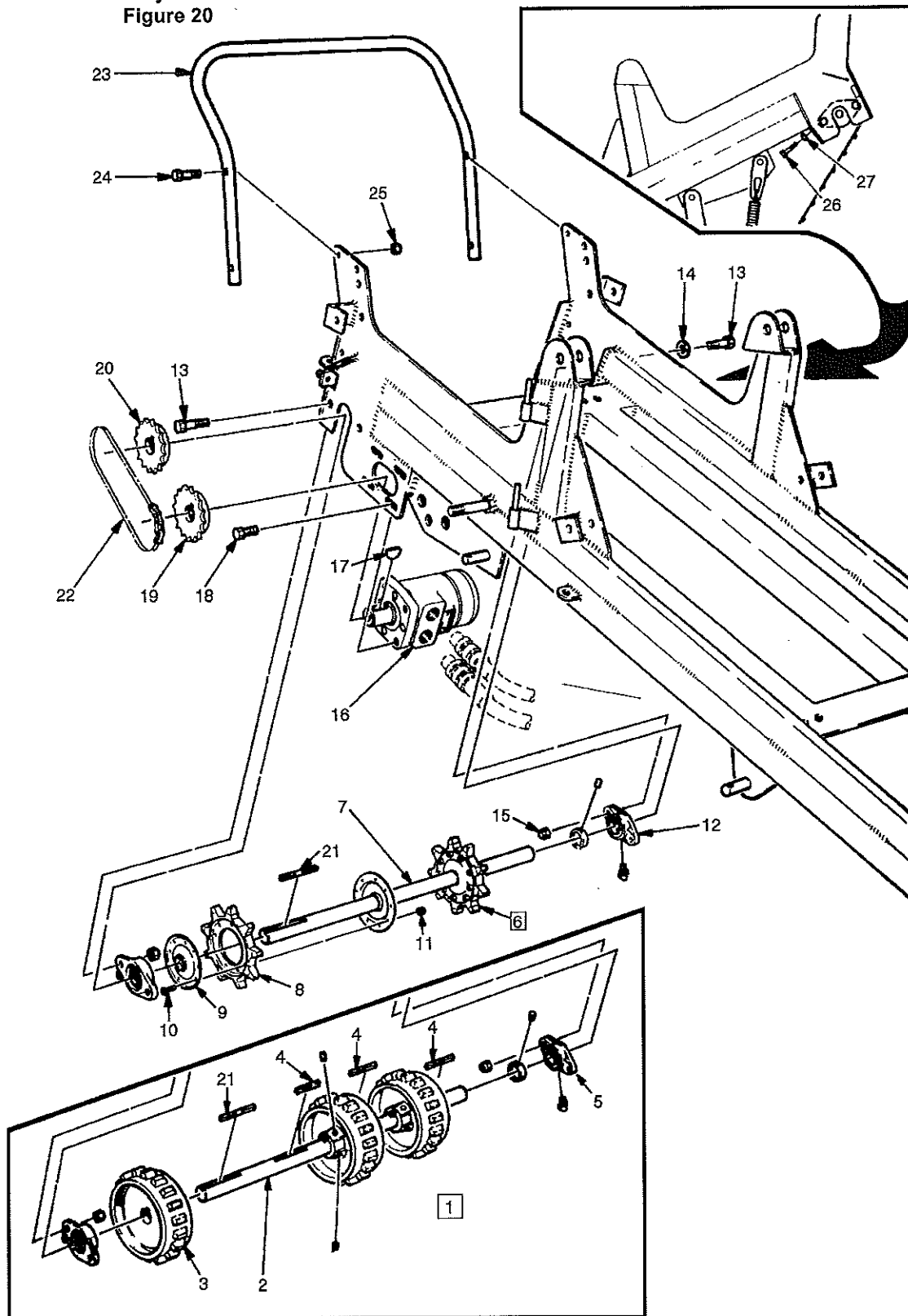
Parts List for Figure 19

| <u>Ref.</u> | <u>Part No.</u> | <u>Description</u>                   | <u>Quantity</u> |
|-------------|-----------------|--------------------------------------|-----------------|
| 1           | A03629          | ASSEMBLY, IDLER SHAFT 18" RUBBER MAT | 1               |
| 2           | 016647          | SHAFT, IDLER 18" RUBBER MAT          | 1               |
| 3           | 83-053          | SPROCKET, 9-TOOTH BROUWER            | 2               |
| 4           | D8001           | FLANGE, SPROCKET                     | 2               |
| 5           | 99-K06          | BOLT, 1/4 X 3/4 SL RD HD             | 18              |
| 6           | 99-E39          | LOCKNUT, NYLON 1/4                   | 18              |
| 7           | B0121           | BEARING, 1" FLANGE                   | 2               |
| 8           | 99-K73          | BOLT, FLANGE 3/8 X 1-1/2             | 4               |
| 9           | 99-A06          | LOCKNUT, STOVER 3/8                  | 4               |
| 10          | 016637          | TENSIONER ARM LH                     | 1               |
| 11          | 016638          | TENSIONER ARM RH                     | 1               |
|             | 29-010          | GREASE FITTING, 1/4                  | 1               |
| 12          | S2003           | SPRING, EXTENSION                    | 2               |
| 13          | F6051           | WASHER, FLAT 5/8" ID                 | 4               |
| 14          | 02-CP0512       | COTTER PIN, 5/32 X 1-1/2             | 2               |
| 15          | 016640          | MOUNT, IDLER SPRING                  | 2               |
| 16          | 90-1012         | BOLT, 5/8 X 1-1/2                    | 2               |
| 17          | F6010           | NUT, FLANGED STOVER                  | 2               |
| 18          | G8084           | QUICK LINK, 3/16                     | 4               |

Parts List for Figure 19A

| <u>Ref</u> | <u>Part no.</u> | <u>Description</u>                     | <u>Quantity</u> |
|------------|-----------------|----------------------------------------|-----------------|
| 1          | 016985          | BRACKET, MOTOR GUARD W/A RH            | 1               |
| 2          | 016984          | BRACKET, MOTOR GUARD W/A LH            | 1               |
| 3          | R0005           | WHEEL, NYLON 3" DIA. X 1/2" BORE       | 4               |
| 4          | 016983          | ROLL SUPPORT, 22-1/2" (16"/18" MINTEX) | 1               |
|            | 016982          | ROLL SUPPORT, 28-1/2" (24" MINTEX)     | 1               |
| 5          | 015659          | SPACER, 16" MINTEX                     | 8               |
|            | 015659          | SPACER, 18" MINTEX                     | 6               |
|            | 015659          | SPACER, 24" MINTEX                     | 6               |
| 6          | 90-1012         | BOLT, 5/8 X 1-1/2                      | 4               |
| 7          | F6010           | NUT, FLANGED STOVER                    | 4               |
| 8          | 85-SC08         | SET COLLAR, 1/2                        | 2               |

Conveyor Drive  
Figure 20



# BASIC CONVEYOR

## section 3

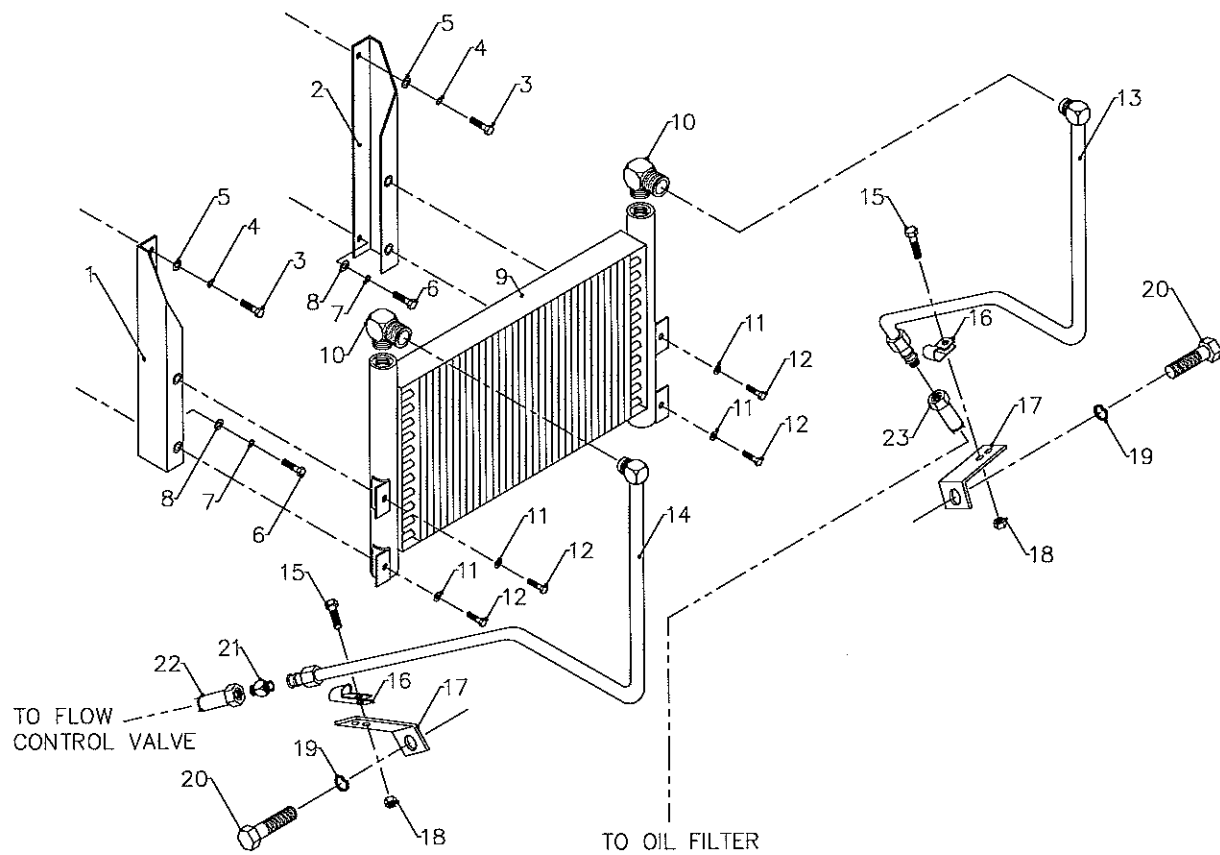
Parts List for Figure 20

| Ref. | Part No.   | Description                           | Quantity |
|------|------------|---------------------------------------|----------|
| 1    | A03685     | ASSEMBLY, DRIVE SHAFT 16" MINTEX MAT  | 1        |
|      | A03686     | ASSEMBLY, DRIVE SHAFT 18" MINTEX MAT  | 1        |
|      | A03687     | ASSEMBLY, DRIVE SHAFT 24" MINTEX MAT  | 1        |
| 2    | 001349     | SHAFT, CONVEYOR DRIVE 16/18"          | 1        |
|      | 001350     | SHAFT, CONVEYOR DRIVE 24"             | 1        |
| 3    | 001351     | SPROCKET, 6" CAST                     | 3        |
|      | 85-SS14    | SET SCREW, 3/8 X 3/8 SKTHD            | 2        |
| 4    | 124422     | KEY, 1/4 X 1/4 X 1-3/8                | 3        |
| 5    | 55-FB23016 | BEARING, 2-BOLT FLANGE 1"             | 2        |
| 6    | A03689     | ASSEMBLY, DRIVE SHAFT 18" RUBBER MAT  | 1        |
| 7    | 014081     | SHAFT, CONVEYOR DRIVE-18"             | 1        |
| 8    | 83-053     | SPROCKET, 9-TOOTH BROUWER             | 2        |
| 9    | D8001      | FLANGE, SPROCKET                      | 2        |
| 10   | 90-0406    | BOLT, 1/4 X 3/4                       | 18       |
| 11   | 99-E39     | LOCKNUT, NYLON 1/4                    | 18       |
| 12   | 55-FB23016 | BEARING, 2-BOLT FLANGE 1"             | 2        |
| 13   | 90-0712    | BOLT, 7/16 X 1-1/2                    | 4        |
|      | 90-0716    | BOLT, 7/16 X 2 (CROSS CONVEYOR)       | 4        |
| 14   | 99-B52     | WASHER, 1-1/32 OD X 15/32 ID          | 2        |
|      | 95-08      | WASHER, FLAT 1/2 SAE (CROSS CONVEYOR) | 8        |
| 15   | F4008      | NUT, FLANGED STOVER                   | 4        |
| 16   | H0012      | MOTOR, HYDRAULIC                      | 1        |
|      | E3039      | SEAL KIT FOR H0012 MOTOR              | 1        |
| 17   | G8019      | KEY, WOODRUFF 1/4 X 1                 | 1        |
| 18   | 99-K13     | BOLT, FLANGE 3/8 X 1                  | 4        |
| 19   | D1202      | SPROCKET, FIXED: #50 X 18T X 1" BORE  | 1        |
| 20   | D1216      | SPROCKET, FIXED: #50 X 16T X 1" BORE  | 1        |
| 21   | 124458     | KEY, 1/4 X 1/4 X 3-5/8                | 1        |
| 22   | Q8009      | CHAIN, ROLLER- #50                    | 1        |
|      | 81-055     | HALFLINK, #50                         | 1        |
|      | 81-053     | CONNECTOR LINK, #50                   | 1        |
| 23   | 016379     | TUBE, HANDRAIL- 16/18"                | 1        |
|      | 016380     | TUBE, HANDRAIL- 24"                   | 1        |
| 24   | 90-0512    | BOLT, 5/16 X 1-1/2                    | 4        |
| 25   | 99-E12     | FLANGE NUT, 5/16                      | 4        |
| 26   | 99-K33     | BOLT, 3/8 X 2 HEX TAP                 | 1        |
| 27   | 92-06      | NUT, 3/8                              | 1        |



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| Flow Control Valve, Check Valve | 4-8         |
| Cylinders, Motors               | 4-10        |

Oil Cooler  
Figure 21



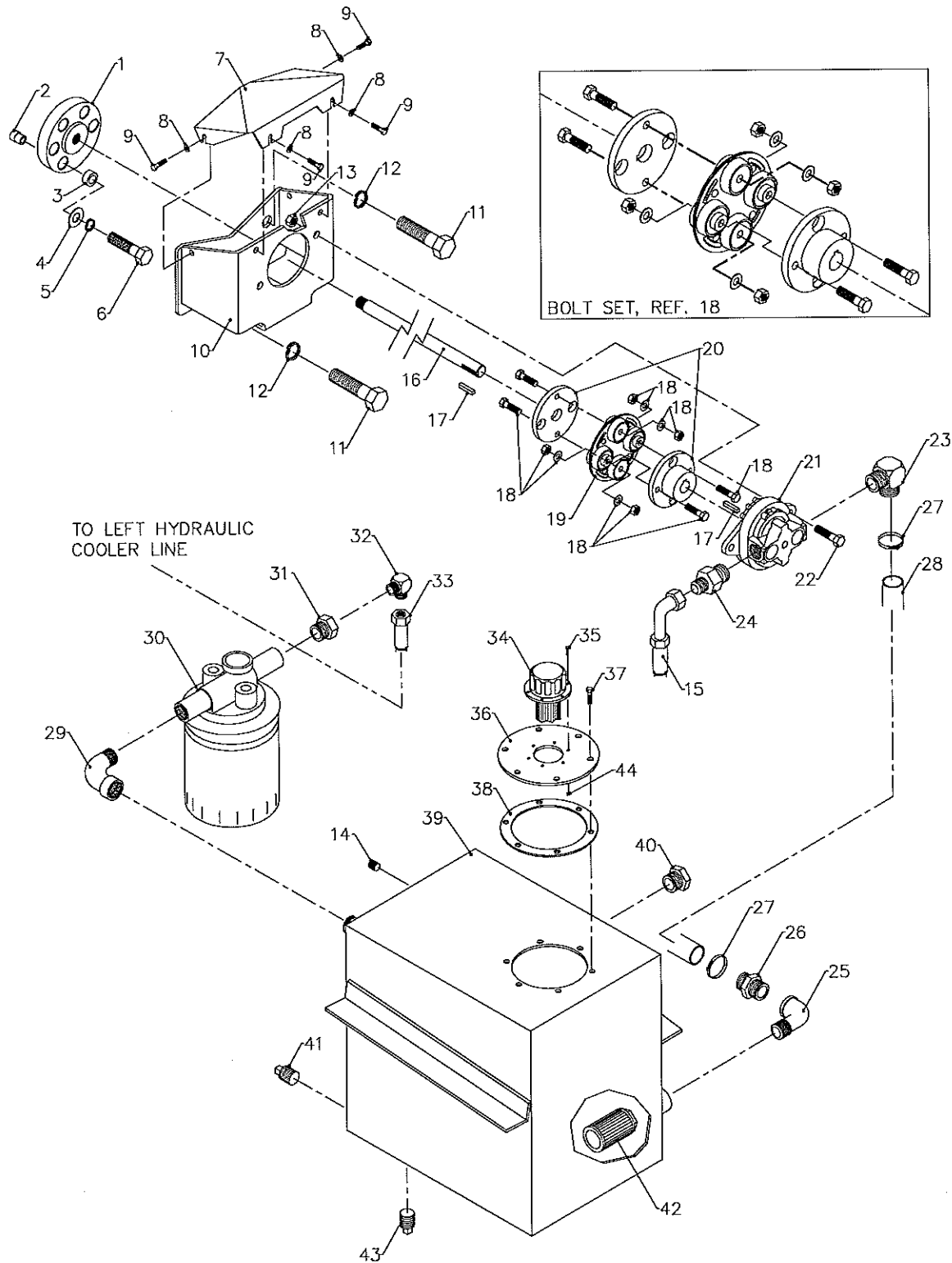
# HYDRAULICS

## section 4

Parts List for Figure 21

| Ref. | Part No.      | Description                    | Quantity |
|------|---------------|--------------------------------|----------|
| 1    | 6115057       | BRACKET, OIL COOLER RH         | 1        |
| 2    | 6115058       | BRACKET, OIL COOLER LH         | 1        |
| 3    | 07-0812520    | METRIC BOLT, M8-1.25 X 20      | 2        |
| 4    | 07-C08        | LOCKWASHER, 8mm                | 2        |
| 5    | 07-A08        | FLATWASHER, 8mm                | 2        |
| 6    | 07-0610020    | METRIC BOLT, M6-1.00 X 20      | 2        |
| 7    | 07-C06        | LOCKWASHER, 6mm                | 2        |
| 8    | 07-A06        | FLATWASHER, 6mm                | 2        |
| 9    | 6115021       | COOLER, OIL                    | 1        |
| 10   | 25-6809-12-12 | FITTING 90, -12MORB X -12FJIC  | 2        |
| 11   | 94-04         | FLAT WASHER, 1/4               | 4        |
| 12   | 99-K26        | BOLT, FLANGE 1/4 X 3/4         | 4        |
| 13   | 6115189       | TUBE, HYDRAULIC COOLER LINE LT | 1        |
| 14   | 6115188       | TUBE, HYDRAULIC COOLER LINE RT | 1        |
| 15   | 99-K11        | BOLT, FLANGE 3/8 X 3/4         | 2        |
| 16   | 11-058        | CLAMP, INSULATED CLOSED 7/8    | 2        |
| 17   | 6115063       | BRACKET, OIL LINE MOUNTING     | 2        |
| 18   | 99-E13        | FLANGE NUT, 3/8                | 2        |
| 19   | 07-C20        | LOCKWASHER, 20mm               | 2        |
| 20   | 07-2025045    | METRIC BOLT, M20-2.5 X 45      | 2        |
| 21   | 25-0303-12-12 | FITTING, STR -12 MJIC UNION    | 1        |
| 22   | 20-239        | HOSE, 3/4X98-12FJICX-12FJIC    | 1        |
| 23   | 20-115        | HOSE, 3/4 X 57 #12 JIC F.SWIV. | 1        |

Hydraulic Tank & Pump  
Figure 21A



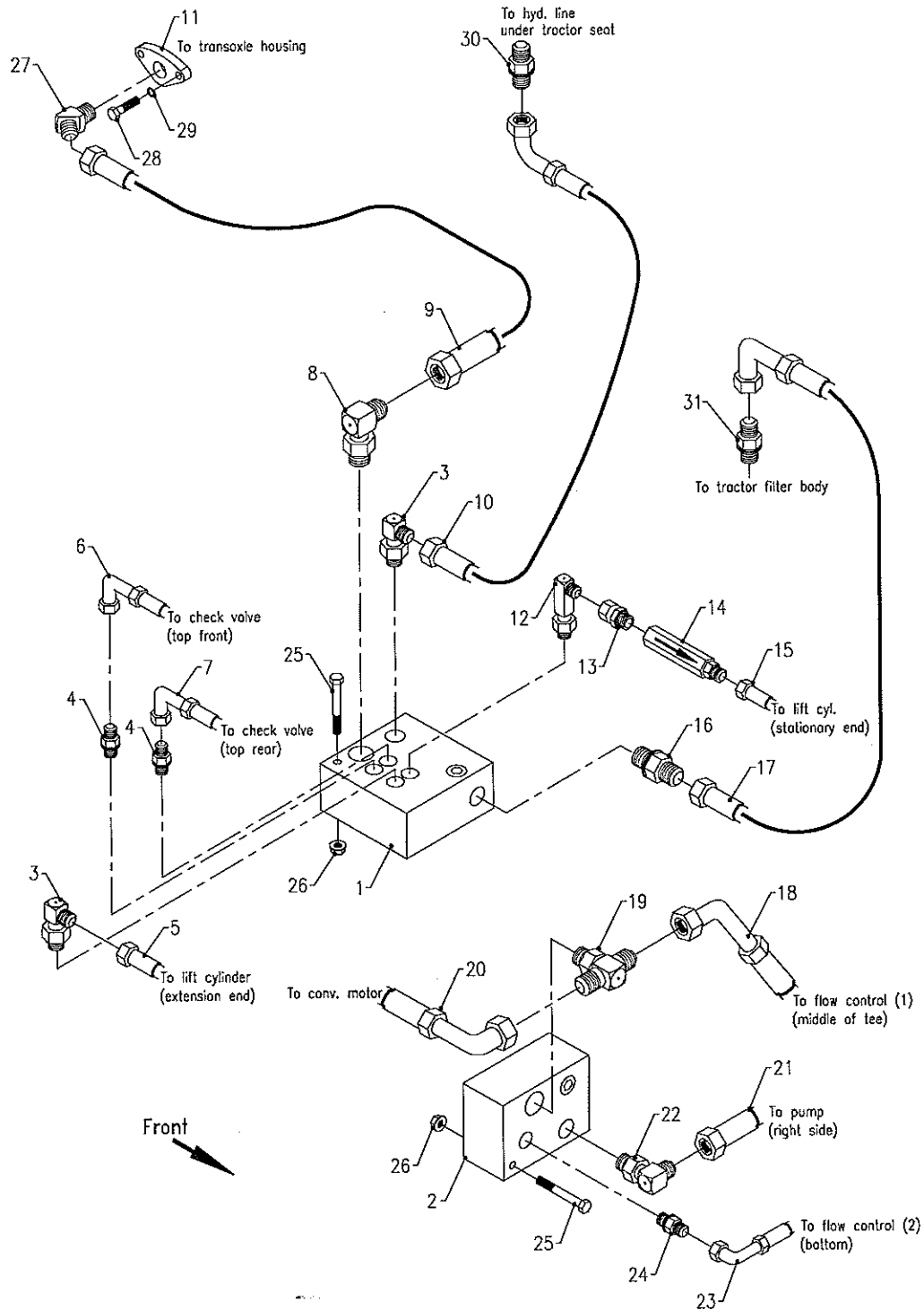
# HYDRAULICS

## section 4

### Parts List for Figure 21A

| Ref. | Part No.      | Description                         | Quantity |
|------|---------------|-------------------------------------|----------|
| 1    | 6115065       | FLANGE, PUMP DRIVE                  | 1        |
| 2    | 6115066       | BUSHING, SHOULDER 0.390 ID          | 5        |
| 3    | 6115068       | INSERT, NEOPRENE PUMP FLANGE        | 5        |
| 4    | 07-A10        | FLATWASHER, 10mm                    | 5        |
| 5    | 07-C10        | LOCKWASHER, 10mm                    | 5        |
| 6    | 07-F001       | METRIC BOLT, M10-1.25 X 80          | 5        |
| 7    | 6115200       | SHIELD, PUMP DRIVE SHAFT            | 1        |
| 8    | 94-04         | FLAT WASHER, 1/4                    | 4        |
| 9    | 99-K26        | BOLT, FLANGE 1/4 X 3/4              | 4        |
| 10   | 6115094       | MOUNT, HYDRAULIC PUMP W/A           | 1        |
| 11   | 07-2025045    | METRIC BOLT, M20-2.5 X 45           | 4        |
| 12   | 07-C20        | LOCKWASHER, 20MM                    | 4        |
| 13   | 99-E37        | FLANGE NUT, 1/2                     | 2        |
| 14   | 29-054        | PIPE PLUG, 3/8 NPT SOCKET HD.       | 1        |
| 15   | 20-225        | HOSE, 5/8X150-10FJICX-12FJIC90D     | 1        |
| 16   | 6115023       | SHAFT, PUMP DRIVE                   | 1        |
| 17   | 85-K0408      | KEY, 1/4 X 1                        | 2        |
| 18   | 87-201        | BOLT SET, 502                       | 1        |
| 19   | 87-202        | MEMBER, 502 CENTER                  | 1        |
| 20   | 87-203        | COUPLER, MOD. MORFLEX FLANGE        | 2        |
| 21   | H0401         | PUMP, HYDRAULIC                     | 1        |
| 22   | 90-0812       | BOLT, 1/2-13 X 1-1/2                | 2        |
| 23   | 25-4601-20-20 | FITTING, 90 -20MORB X -20BEADED     | 1        |
| 24   | 25-6400-12-16 | FITTING, STR ORB 16 - MJIC 12       | 1        |
| 25   | H1074         | FITTING, ELBOW-1" 90 STREET         | 1        |
| 26   | H9101         | FITTING, 1" MPT X 1-1/4 HOSE ID     | 1        |
| 27   | G8102         | CLAMP, HOSE-"T" BOLT TYPE           | 2        |
| 28   | 6115338       | HOSE, SUCTION 100R4 1.25X24         | 1        |
| 29   | 29-124        | ELBOW, STREET 1 1/4 #3000           | 1        |
| 30   | H5019         | FILTER: HEAD & ELEMENT & GAUGE      | 1        |
|      | H9105         | FITTING, GAUGE 0-25 PSI X 1/8"      | 1        |
|      | H5020         | FILTER, ELEMENT                     | 1        |
| 31   | H2024         | FITTING, REDUCER-20 MPT/-12 FPT     | 1        |
| 32   | H6023         | FITTING, 90 -12 MPT X -12 M JIC     | 1        |
| 33   | 20-115        | HOSE, 3/4 X 57 #12 JIC F.SWIVEL     | 1        |
| 34   | H8074         | PRESSURE FILLER BREATHER            | 1        |
| 35   | 01-016        | SCREW, MACHINE 10-24 X 1            | 6        |
| 36   | 6115846       | COVER, HYDRAULIC TANK               | 1        |
| 37   | 99-K27        | BOLT, FLANGE 1/4 X 1                | 6        |
| 38   | 202662        | GASKET, 6 BOLT HYDRAULIC TANK COVER | 1        |
| 39   | 016068        | TANK, HYDRAULIC                     | 1        |
| 40   | H9103         | FITTING, SIGHT GLASS                | 1        |
| 41   | 29-049        | PIPE PLUG, 3/8 NPT SQUARE HEAD      | 1        |
| 42   | H5018         | STRAINER, SUCTION                   | 1        |
| 43   | H8011         | PLUG, MAGNETIC                      | 1        |
| 44   | F0003         | LOCKNUT, NYLON #10-24               | 6        |

Control Valve  
Figure 22



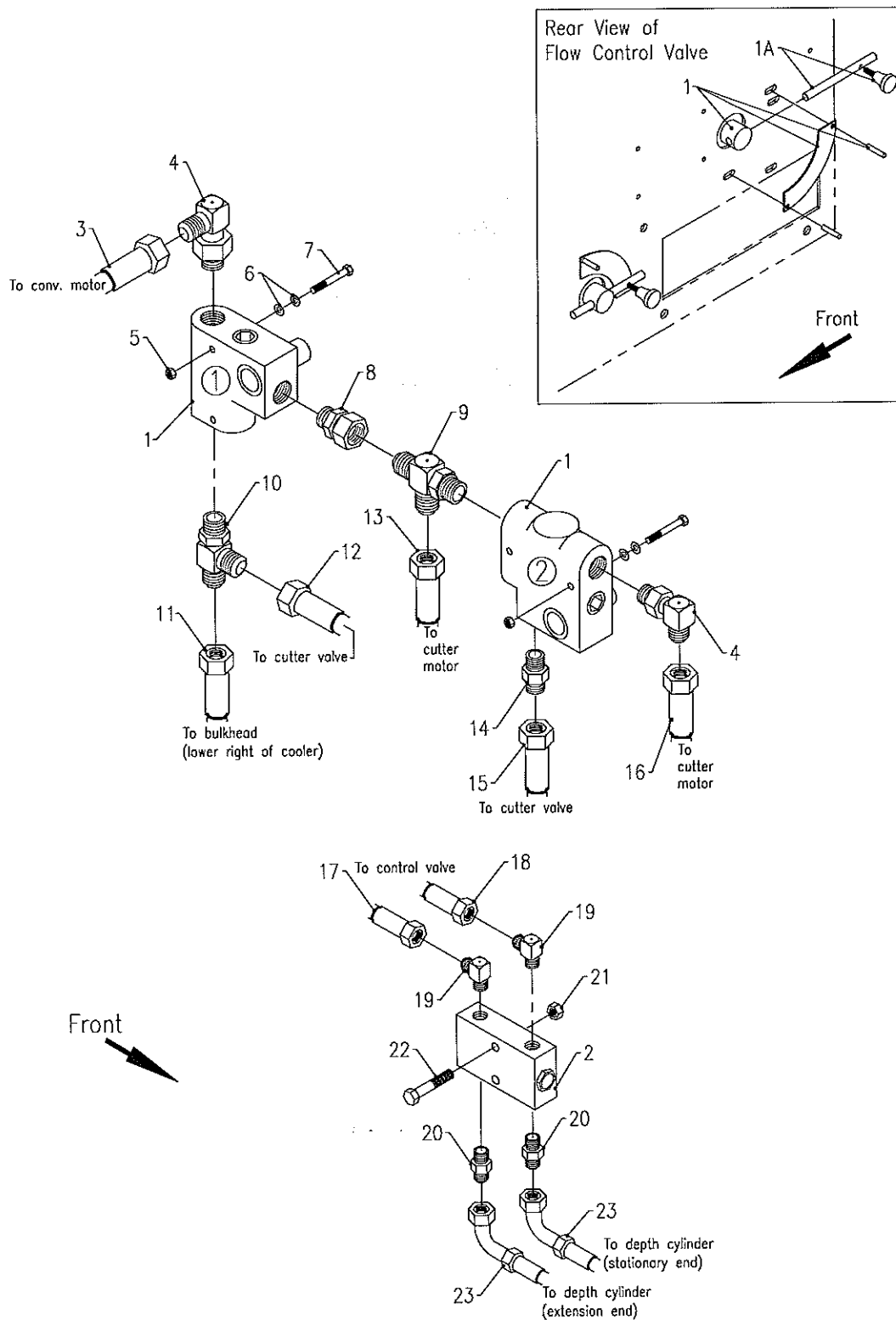
# HYDRAULICS

## section 4

### Parts List for Figure 22

| Ref. | Part No.      | Description                     | Quantity |
|------|---------------|---------------------------------|----------|
| 1    | 23-193        | VALVE, LIFT AND DEPTH CONTROL   | 1        |
| 2    | 23-192        | VALVE, CUTTER CONTROL           | 1        |
| 3    | 25-2503-8-10  | FITTING, 90 SPECIAL, -8 ORB/-10 | 2        |
| 4    | 25-0503-8-6   | FITTING, STR -8 M ORB/-6 M JIC  | 2        |
| 5    | 20-228        | HOSE, 3/8X100-8FJICX-8FJIC      | 1        |
| 6    | 20-229        | HOSE, 1/4X50-6FJICX-6FJIC90DEG  | 1        |
| 7    | 20-229        | HOSE, 1/4X50-6FJICX-6FJIC90DEG  | 1        |
| 8    | 25-2503-12-12 | FITTING, 90 -12 M ORB/-12 M JIC | 1        |
| 9    | 20-236        | HOSE, 3/4X48-12FJICX-12FJIC90DE | 1        |
| 10   | 20-234        | HOSE, 5/8X61-10FJICX-12FJIC90DE | 1        |
| 11   | 6109343       | MANIFOLD, TRACTOR RETURN        | 1        |
| 12   | 25-6801-LL-8  | FITTING, 90 -8 EX-LONG MORB/ -8 | 1        |
| 13   | 25-6402-08-08 | FITTING, 8M ORING TO 8FJIC ADP  | 1        |
| 14   | 23-073        | VALVE, FLOW RESTRICTOR (125)    | 1        |
| 15   | 20-240        | HOSE, 3/8X93-9FJICX-8FJIC45DEG  | 1        |
| 16   | 25-0503-10-10 | FITTING, STR -10 M ORB/-10 MJIC | 1        |
| 17   | 20-235        | HOSE, 5/8X114-10FJICX-10FJIC90D | 1        |
| 18   | 20-232        | HOSE, 3/4X24-12FJICX-12FJIC45DE | 1        |
| 19   | 25-6803-12-12 | FITTING, O RING T               | 1        |
| 20   | 20-237        | HOSE, 5/8X76-9FJICX-12FJIC90DEG | 1        |
| 21   | 20-225        | HOSE, 5/8X150-10FJICX-12FJIC90D | 1        |
| 22   | 25-2503-10-10 | FITTING, 90 -10 M ORB/-10 M JIC | 1        |
| 23   | 20-233        | HOSE, 1/2X48-8FJICX-8FJIC45DEG  | 1        |
| 24   | 25-0503-8-8   | FITTING, STR -8 M ORB/-8 M JIC  | 1        |
| 25   | 90-0632       | BOLT, 3/8-16 X 4                | 5        |
| 26   | 99-E13        | FLANGE NUT, 3/8-16              | 5        |
| 27   | 25-3103-12-12 | FITTING                         | 1        |
| 28   | 07-1015030    | METRIC BOLT, M10-1.5 X 30       | 2        |
| 29   | 07-C10        | LOCKWASHER, 10MM                | 2        |
| 30   | 25-3903-12-12 | FITTING, 90 -12 MJIC/ -12 F.JIC | 1        |
| 31   | 25-9068-10-22 | FITTING                         | 1        |

Flow Control & Check Valves  
Figure 23



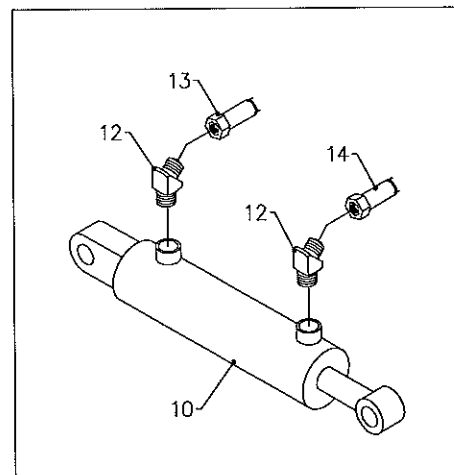
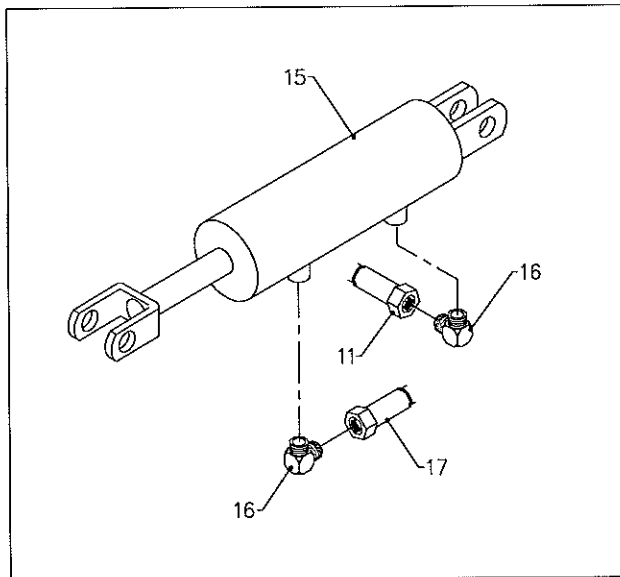
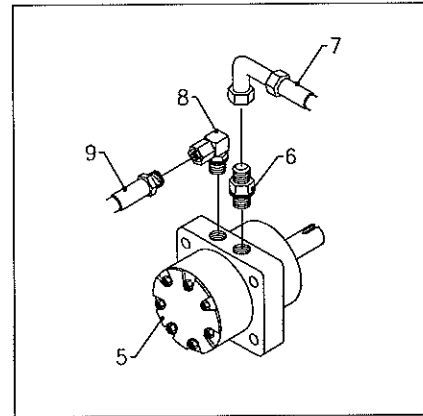
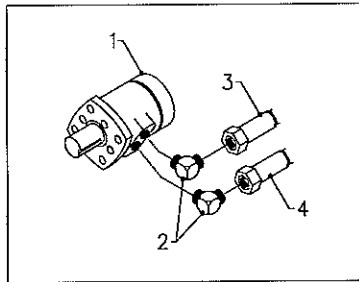
# HYDRAULICS

## section 4

### Parts List for Figure 23

| Ref. | Part No.      | Description                            | Quantity |
|------|---------------|----------------------------------------|----------|
| 1    | H4067         | VALVE, FLOW CONTROL                    | 2        |
| 1A   | H8046         | HANDLE FOR VALVE H4067                 |          |
|      | E0002         | O-RING, FOR H4002 AND H4067            |          |
| 2    | 23-156        | VALVE, LOAD CHECK                      | 1        |
| 3    | 20-106        | HOSE, 1/2 X 76" -8 F JIC SWIV          | 1        |
| 4    | 25-2503-12-10 | FITTING, 90 -12 M ORB/-10 M JIC        | 2        |
| 5    | 99-E20        | FLANGE NUT, 1/4-20                     | 4        |
| 6    | 95-04         | FLAT WASHER, 1/4 SAE                   | 8        |
| 7    | 90-0420       | BOLT, 1/4-20 X 2-1/2                   | 4        |
| 8    | H6190         | FITTING, STR SWI ADAPTER M#12          | 1        |
| 9    | H6122         | FITTING, RUN TEE M#12 ORB X M#12 JIC   | 1        |
| 10   | H6122         | FITTING, RUN TEE M#12 ORB X M#12 JIC   | 1        |
| 11   | 20-239        | HOSE, 3/4X98-12FJICX-12FJIC            | 1        |
| 12   | 20-232        | HOSE, 3/4X24-12FJICX-12FJIC45DE        | 1        |
| 13   | 20-210        | HOSE, 3/4 X 138" MOTOR RETURN          | 1        |
| 14   | 25-0503-12-8  | FITTING, STR -12 M ORB/-8 M JIC        | 1        |
| 15   | 20-233        | HOSE, 1/2X48-8FJICX-8FJIC45DEG         | 1        |
| 16   | 016344        | HOSE, FLOW CONTROL (2) TO CUTTER MOTOR | 1        |
| 17   | 20-229        | HOSE, 1/4X50-6FJICX-6FJIC90DEG         | 1        |
| 18   | 20-229        | HOSE, 1/4X50-6FJICX-6FJIC90DEG         | 1        |
| 19   | 25-2503-6-6   | FITTING, 90 -6 M ORB X -6 M JIC        | 2        |
| 20   | 25-0503-6-6   | FITTING, STR -6 M ORB/-6 M JIC         | 2        |
| 21   | 99-E13        | FLANGE NUT, 3/8-16                     | 2        |
| 22   | 90-0618       | BOLT, 3/8-16 X 2-1/4                   | 2        |
| 23   | 20-241        | HOSE, 1/4X80-6FJICX-6FJIC90DEG         | 2        |

Cylinders, Motors  
Figure 24



# HYDRAULICS

## section 4

### Parts List for Figure 24

| Ref. | Part No.      | Description                                | Quantity |
|------|---------------|--------------------------------------------|----------|
| 1    | H0012         | MOTOR, HYD                                 | 1        |
| 2    | 25-2103-8-8   | FITTING, 90 -8 MPT X -8 M JIC              | 2        |
| 3    | 20-237        | HOSE, 5/8X76-9FJICX-12FJIC90DEG            | 1        |
| 4    | 20-106        | HOSE, 1/2 X 76" -8 F JIC SWIV              | 1        |
| 5    | 21-091        | MOTOR, HYD CUTTER                          | 1        |
| 6    | 25-0503-10-10 | FITTING, STR -10 M ORB/-10 MJIC            | 1        |
| 7    | 016344        | HOSE, FLOW CONTROL (2) TO CUTTER MOTOR     | 1        |
| 8    | H6192         | FITTING, ELBOW 90DEG F#10 JIC              | 1        |
| 9    | 20-210        | HOSE, 3/4 X 138" MOTOR RETURN              | 1        |
| 10   | 23-131        | CYLINDER, 3" BORE 8" STROKE (SN 1001-1013) | 1        |
|      | 23-178        | CYLINDER, HYD. 3 X 8 (SN 1014 & UP)        | 1        |
|      | 23-179        | SEAL KIT, FOR 23-176, 23-178               | 1        |
| 11   | 20-240        | HOSE, 3/8X93-9FJICX-8FJIC45DEG             | 1        |
| 12   | 25-3503-6-6   | FITTING, 45 -6 M ORB X -6 M JIC            | 2        |
| 13   | 20-241        | HOSE, 1/4X80-6FJICX-6FJIC90DEG             | 1        |
| 14   | 20-241        | HOSE, 1/4X80-6FJICX-6FJIC90DEG             | 1        |
| 15   | 23-177        | CYLINDER, HYD. 3-1/2 X 8                   | 1        |
| 16   | 25-2503-8-8   | FITTING, 90 -8 M ORB X -8 M JIC            | 2        |
| 17   | 20-228        | HOSE, 3/8X100-8FJICX-8FJIC                 | 1        |





# SPROCKETS

## section 5

| Sod Harvester Sprocket Selection Chart          |                                                                                                                    |              |                     |                                                                          |                       |              |                |                |              |              |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------|---------------------|--------------------------------------------------------------------------|-----------------------|--------------|----------------|----------------|--------------|--------------|
| CUT-OFF LENGTH<br>(inches)<br>(metric)          | 18"<br>46cm                                                                                                        | 24"<br>61cm  | 36"<br>91cm         | 40 1/2"<br>103cm                                                         | 45"<br>114cm          | 48"<br>122cm | 48.4"<br>123cm | 51.6"<br>131cm | 54"<br>137cm | 56"<br>142cm |
| 8 - inch Roller Sprocket                        | D1406<br>20T                                                                                                       | D1406<br>20T | D1406<br>20T        | D1406<br>20T                                                             | D1406<br>20T          | D1406<br>20T | D1406<br>20T   | D1406<br>20T   | D1406<br>20T | D1406<br>20T |
| 10 - inch Roller Sprocket                       | D1406<br>20T                                                                                                       | D1406<br>20T | D1406<br>20T        | D1406<br>20T                                                             | D1406<br>20T          | D1406<br>20T | D1406<br>20T   | D1406<br>20T   | D1406<br>20T | D1406<br>20T |
| Roller Bushing                                  | For Machines with 16-inch and 18 - Inch cutterhead Use 83-H18<br>For Machines with 24 - Inch cutterhead Use 83-H20 |              |                     |                                                                          |                       |              |                |                |              |              |
| Roller Key                                      | Use 124422 for ALL units.                                                                                          |              |                     |                                                                          |                       |              |                |                |              |              |
| Jackshaft Sprocket<br>L.H. 8 - inch Roller      | D1406<br>20T                                                                                                       | D1406<br>20T | D1406<br>20T        | D1406<br>20T                                                             | D1406<br>20T          | D1406<br>20T | D1406<br>20T   | D1406<br>20T   | D1406<br>20T | D1406<br>20T |
| Jackshaft Sprocket<br>L.H. 10 - inch Roller     | D1402<br>16T                                                                                                       | D1402<br>16T | D1402<br>16T        | D1402<br>16T                                                             | D1402<br>16T          | D1402<br>16T | D1402<br>16T   | D1402<br>16T   | D1402<br>16T | D1402<br>16T |
| Jackshaft Sprocket R.H.                         | D1407<br>21T                                                                                                       | D1404<br>18T | D1407<br>21T        | D1407<br>21T                                                             | D1404<br>18T          | D1403<br>17T | D1405<br>19T   | D1409<br>23T   | D1404<br>18T | D1403<br>17T |
| Jackshaft Bushing                               | Use 83-H16SPL for ALL units.                                                                                       |              |                     |                                                                          |                       |              |                |                |              |              |
| Jackshaft Key                                   | Use 124422 for ALL units.                                                                                          |              |                     |                                                                          |                       |              |                |                |              |              |
| Camshaft Sprocket                               | D1401<br>15T                                                                                                       | D1402<br>16T | D1441<br>28T        | D1419<br>32T                                                             | D1418<br>31T          | D1418<br>31T | D1421<br>34T   | D1431<br>44T   | D1423<br>36T | D1423<br>36T |
| Camshaft Bushing                                | 83-H16SPL                                                                                                          |              | Use 83-P116 Bushing |                                                                          |                       |              |                |                |              |              |
| Camshaft Key                                    | Use G8019 for ALL units.                                                                                           |              |                     |                                                                          |                       |              |                |                |              |              |
| Return Stop                                     | 001794                                                                                                             | 001793       | 001792              | 001791                                                                   | 016619                | 001790       | 001790         | 016618         | 014645       | 014645       |
| Roll Up System Sprockets                        |                                                                                                                    |              |                     |                                                                          |                       |              |                |                |              |              |
| Roll Up Sprocket                                |                                                                                                                    |              |                     | D1418<br>31T                                                             | D1411<br>25T          | D1411<br>25T | D1411<br>25T   | D1409<br>23T   | D1410<br>24T | D1409<br>23T |
| Roll Up Bushing                                 |                                                                                                                    |              |                     | 83-P116                                                                  | Use 83-H16SPL Bushing |              |                |                |              |              |
| Roll Up Key                                     |                                                                                                                    |              |                     | USE G8019 for ALL units.                                                 |                       |              |                |                |              |              |
| Driveshaft Sprocket                             |                                                                                                                    |              |                     | D1106<br>16T                                                             | D1106<br>16T          | D1106<br>16T | D1106<br>16T   | D1106<br>16T   | D1108<br>18T | D1108<br>18T |
| Driveshaft Key                                  |                                                                                                                    |              |                     | USE 124458 for ALL units.                                                |                       |              |                |                |              |              |
| 4 - inch Roller<br>(rubber mat)<br>(mintex mat) |                                                                                                                    |              |                     | On units with rubber mat USE D1104<br>On units with mintex mat USE D1109 |                       |              |                |                |              |              |
| 4" Roller Drive<br>(rubber mat)<br>(mintex mat) |                                                                                                                    |              |                     | On units with rubber mat USE D1113<br>On units with mintex mat USE D1110 |                       |              |                |                |              |              |

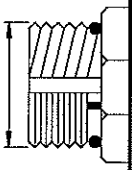
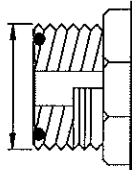
# SPROCKETS

## section 5

| 60"<br>152cm          | 64.6"<br>164cm | 68.9"<br>175cm | 72"<br>183cm | 72.8"<br>185cm | 77.6"<br>197cm | 80"<br>203cm | 81"<br>206cm | 85.8"<br>218cm | 90"<br>229cm | 96.9"<br>246cm | 98"<br>249cm |
|-----------------------|----------------|----------------|--------------|----------------|----------------|--------------|--------------|----------------|--------------|----------------|--------------|
| D1406<br>20T          | D1406<br>20T   | D1406<br>20T   | D1406<br>20T | D1406<br>20T   | D1406<br>20T   | D1406<br>20T | D1406<br>20T | D1401<br>15T   | D1401<br>15T | D1401<br>15T   | D1401<br>15T |
| D1406<br>20T          | D1406<br>20T   | D1406<br>20T   | D1406<br>20T | D1406<br>20T   | D1406<br>20T   | D1406<br>20T | D1406<br>20T | D1411<br>25T   | D1411<br>25T | D1411<br>25T   | D1404<br>18T |
| D1406<br>20T          | D1406<br>20T   | D1406<br>20T   | D1406<br>20T | D1406<br>20T   | D1406<br>20T   | D1406<br>20T | D1406<br>20T | D1404<br>18T   | D1404<br>18T | D1404<br>18T   | D1404<br>18T |
| D1402<br>16T          | D1402<br>16T   | D1402<br>16T   | D1402<br>16T | D1402<br>16T   | D1402<br>16T   | D1402<br>16T | D1402<br>16T | D1410<br>24T   | D1410<br>24T | D1423<br>36T   | D1410<br>24T |
| D1408<br>22T          | D1404<br>18T   | D1402<br>16T   | D1404<br>18T | D1402<br>16T   | D1401<br>15T   | D1403<br>17T | D1402<br>16T | D1403<br>17T   | D1402<br>16T | D1401<br>15T   | D1401<br>15T |
| D1435<br>50T          | 015443<br>43T  | D1428<br>41T   | D1434<br>48T | 015443<br>43T  | 015443<br>43T  | D1435<br>50T | D1434<br>48T | D1432<br>45T   | D1432<br>45T | D1416<br>30T   | D1420<br>33T |
| Use 83-P116 Bushing   |                |                |              |                |                |              |              |                |              |                |              |
| 001788                | 001802         | 001801         | 001787       | 001787         | 001799         | 001376       | 001376       | 001800         | 015553       | 014974         | 014974       |
| D1411<br>25T          | D1410<br>24T   | D1402<br>16T   | D1402<br>16T | D1402<br>16T   | D1406<br>20T   | D1406<br>20T | D1406<br>20T | D1406<br>20T   | D1406<br>20T | D1402<br>16T   | D1402<br>16T |
| Use 83-H16SPL Bushing |                |                |              |                |                |              |              |                |              |                |              |
| D1117<br>21T          | D1117<br>21T   | D1103<br>15T   | D1103<br>15T | D1103<br>15T   | D1111<br>20T   | D1111<br>20T | D1111<br>20T | D1117<br>21T   | D1117<br>21T | D1108<br>18T   | D1108<br>18T |

# SPROCKETS

## section 5

| O-RING REFERENCE SHEET FOR HYDRAULIC FITTINGS                                                                                                                      |                                                                                     |                                                                  |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------|
| DASH SIZE                                                                                                                                                          |    | BOSS<br>O-RING<br>ORB                                            | PART<br>NUMBER          |
| 2<br>3<br>4                                                                                                                                                        | 5/16 - 24<br>3/8 - 24<br>7/16 - 20                                                  | SAE DASH 2-1<br>SAE DASH 3-1<br>SAE DASH 4-1                     | E0059                   |
| 5<br>6<br>8                                                                                                                                                        | 1/2 - 20<br>9/16 - 18<br>3/4 - 16                                                   | SAE DASH 5-1<br>SAE DASH 6-1<br>SAE DASH 8-1                     | E0060<br>E0061<br>E0062 |
| 10<br>12<br>14                                                                                                                                                     | 7/8 - 14<br>1-1/16 - 12<br>1-3/16 - 12                                              | SAE DASH 10-1<br>SAE DASH 12-1<br>SAE DASH 14-1                  | E0063<br>E0064<br>E0065 |
| 16<br>20<br>24<br>32                                                                                                                                               | 1-5/16 - 12<br>1-5/8 - 12<br>1-7/8 - 12<br>2-1/2 - 12                               | SAE DASH 16-1<br>SAE DASH 20-1<br>SAE DASH 24-1<br>SAE DASH 32-1 | E0066<br>E0067          |
| DASH SIZE                                                                                                                                                          |  | FACE SEAL<br>O-RING SIZE<br>NO. PER<br>SAE J120<br>ORF           | PART<br>NUMBER          |
| 4<br>6<br>8                                                                                                                                                        | 9/16 - 18<br>11/16 - 16<br>13/16 - 16                                               | 011<br>012<br>014                                                | E0071<br>E0072          |
| 10<br>12<br>16                                                                                                                                                     | 1 - 14<br>1-3/16 - 12<br>1-7/16 - 12                                                | 016<br>018<br>021                                                |                         |
| <b>BREAKDOWN OF FITTING DESCRIPTION FOR O-RING SELECTION</b><br>FITTING, ELBOW 90 DEG - M#6 ORB X M#6 ORF<br>TYPE M=MALE F=FEMALE DASH NO. O-RING BOSS O-RING FACE |                                                                                     |                                                                  |                         |

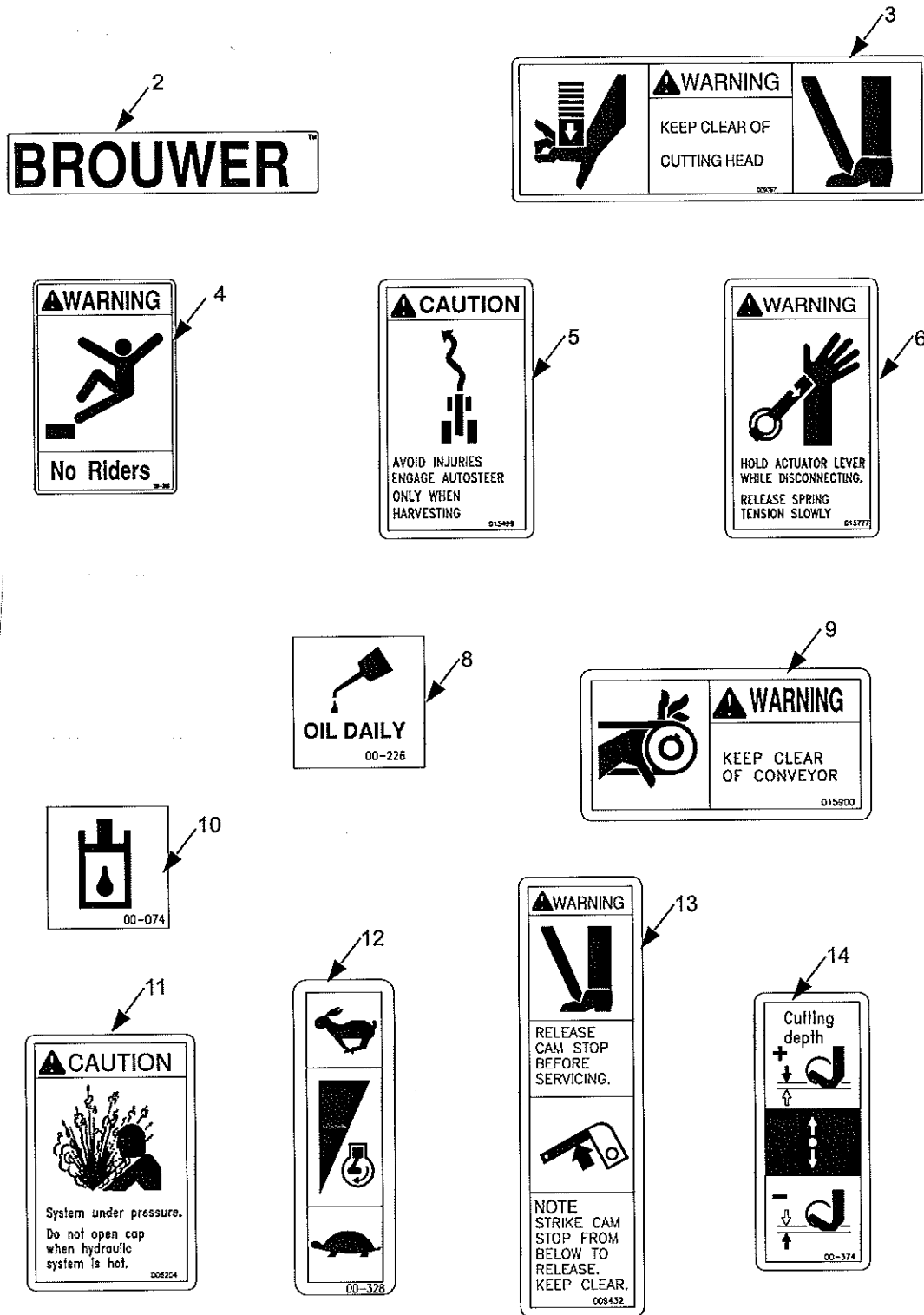
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Decals

6-2, 6-4

Decals  
Figure 25



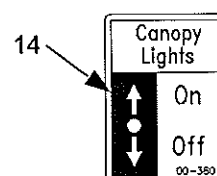
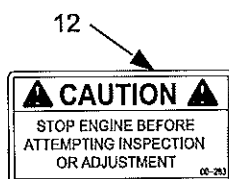
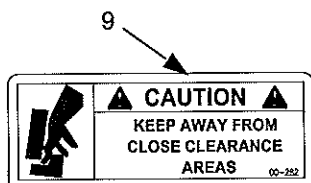
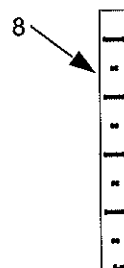
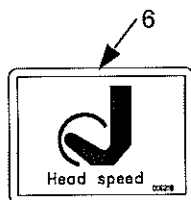
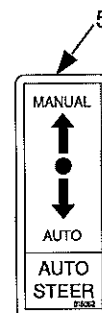
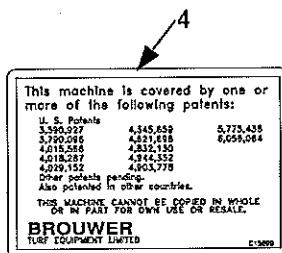
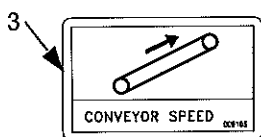
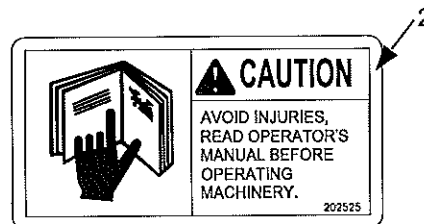
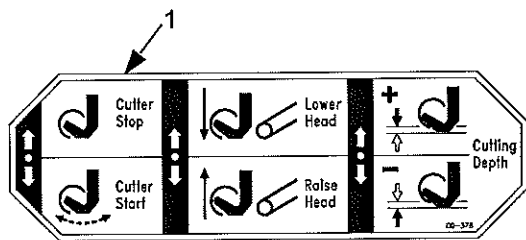
# DECALS

## section 6

### Parts List for Figure 25

| <u>Ref.</u> | <u>Part No.</u> | <u>Description</u>            | <u>Quantity</u> |
|-------------|-----------------|-------------------------------|-----------------|
| 1           |                 |                               |                 |
| 2           | 401257          | DECAL, "BROUWER"              | 3               |
| 3           | 009097          | DECAL, WARNING CUTTING HEAD   | 1               |
| 4           | 00-266          | DECAL, WARNING NO RIDERS      | 1               |
| 5           | 015499          | DECAL, CAUTION AUTOSTEER      | 1               |
| 6           | 015777          | DECAL, WARNING ACTUATOR LEVER | 1               |
| 7           |                 |                               |                 |
| 8           | 00-226          | DECAL, OIL DAILY              | 1               |
| 9           | 015900          | DECAL, WARNING KEEP CLEAR     | 2               |
| 10          | 00-074          | DECAL, HYDRAULIC OIL SYMBOL   | 1               |
| 11          | 006204          | DECAL, CAUTION HOT HYDRAULIC  | 1               |
| 12          | 00-328          | DECAL, ENGINE THROTTLE / TN65 | 1               |
| 13          | 009432          | DECAL, WARNING CAM STOP       | 1               |
| 14          | 00-374          | DECAL, CUTTING DEPTH          | 1               |

Decals  
Figure 25A



# DECALS

## section 6

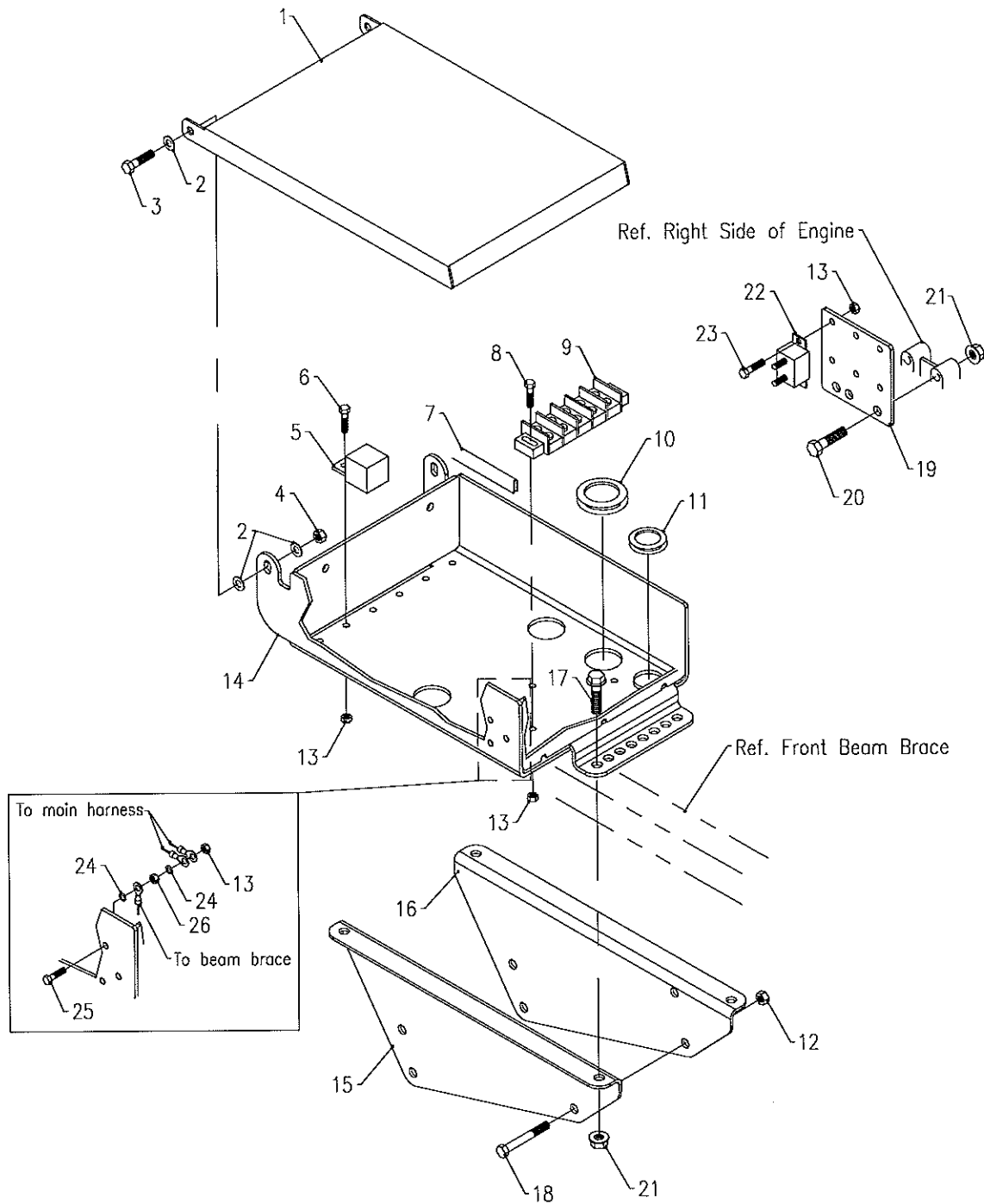
### Parts List for Figure 25A

| <u>Ref.</u> | <u>Part No.</u> | <u>Description</u>                    | <u>Quantity</u> |
|-------------|-----------------|---------------------------------------|-----------------|
| 1           | 00-378          | DECAL, LIFT, CUTTER, DEPTH LEVERS     | 1               |
| 2           | 202525          | DECAL, CAUTION READ MANUAL            | 1               |
| 3           | 009103          | DECAL, CONVEYOR SPEED                 | 1               |
| 4           | 015899          | DECAL, PATENTS                        | 1               |
| 5           | 016062          | DECAL, AUTOSTEER CONTROL INFO         | 1               |
| 6           | 006219          | DECAL, HEAD SPEED                     | 1               |
| 7           | 00-262          | DECAL, CAUTION DEPRESS CLUTCH         | 1               |
| 8           | 00-267          | DECAL, CUTTERHEAD DEPTH INDICATOR     | 1               |
| 9           | 00-282          | DECAL, CAUTION KEEP AWAY              | 2               |
| 10          | 00-280          | DECAL, WARNING KEEP ALL SHIELDS       | 1               |
| 11          | 00-369          | DECAL, WARNING THROWN OBJECTS (BRUSH) | 1               |
| 12          | 00-283          | DECAL. STOP ENGINE                    | 1               |
| 13          |                 |                                       |                 |
| 14          | 00-380          | DECAL, CANOPY LIGHTS                  | 1               |



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| Electrical Box, Breaker Mount | 7-2         |
| Electrical Schematic          | 7-4         |
| Folder Electrical Schematic   | 7-6         |

Electrical Box  
Breaker Mount  
Figure 26

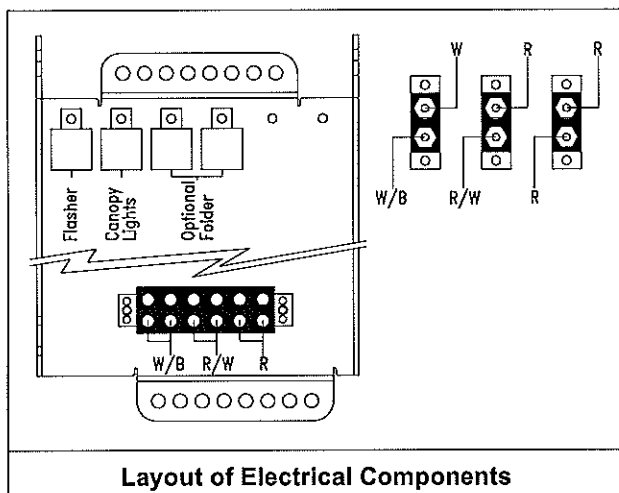


# ELECTRICAL

## section 7

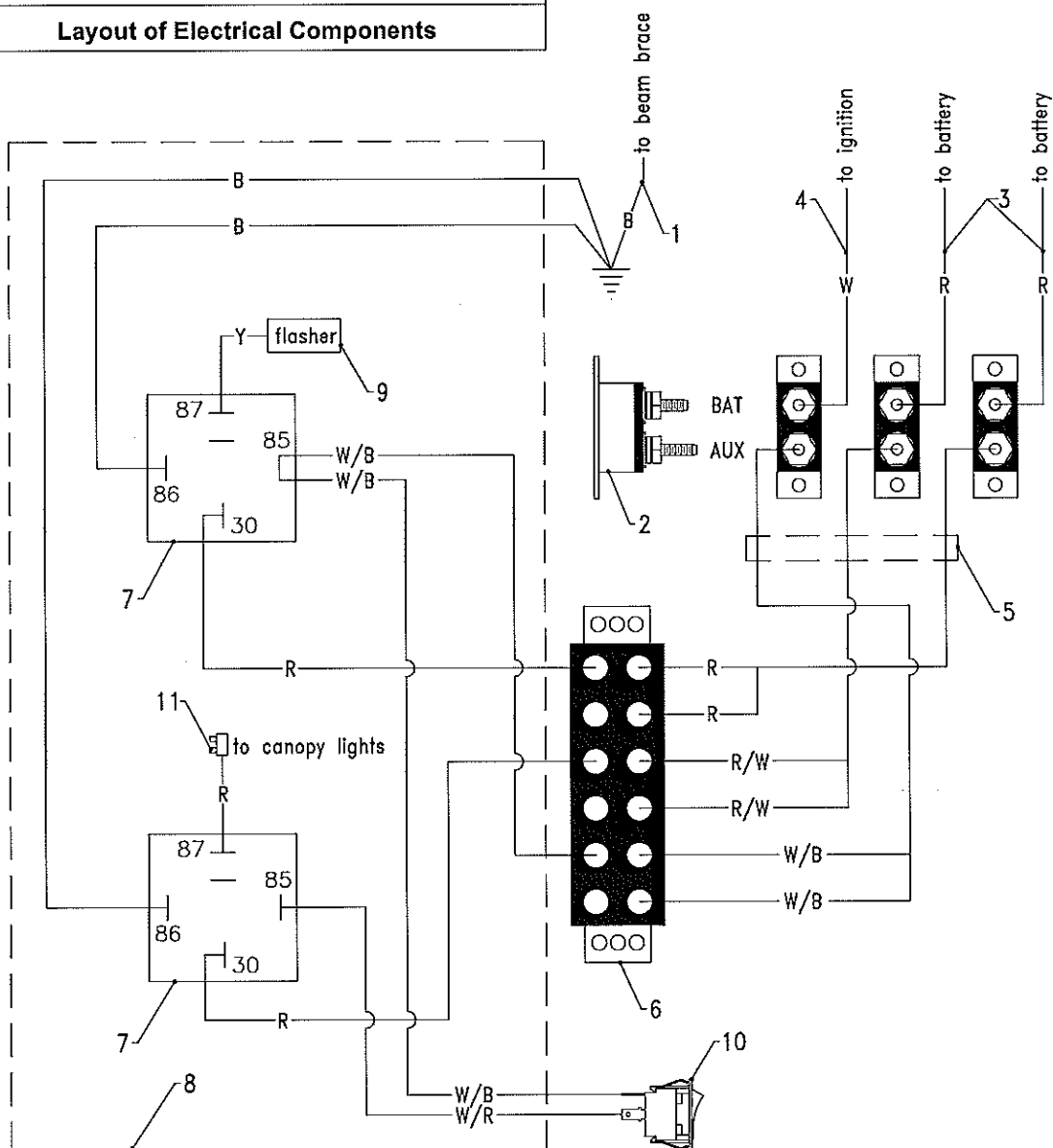
Parts List for Figure 26

| Ref. | Part No. | Description                   | Quantity |
|------|----------|-------------------------------|----------|
| 1    | 6109463  | LID, J.D. TOOLBOX             | 1        |
| 2    | 95-04    | FLAT WASHER, 1/4 SAE          | 6        |
| 3    | 90-0406  | BOLT, 1/4-20 X 3/4            | 2        |
| 4    | 99-A04   | LOCKNUT, STOVER 1/4-20        | 2        |
| 5    | REF      | RELAY, SEALED PLASTIC         | 2        |
| 6    | 01-033   | SCREW, MACHINE 10-24 X 1/2    | 2        |
| 7    | 56-027   | TRIM, TRIM-LOC /FT            | 3'       |
| 8    | F0301    | SCREW, MACHINE 10-24 X 3/4    | 2        |
| 9    | REF      | TERMINAL BLOCK, 6 GANG        | 1        |
| 10   | 05-033   | GROMMET, 7/8 ID X 1-5/8 OD    | 1        |
| 11   | 05-032   | GROMMET, 11/16 ID X 1-5/16 OD | 1        |
| 12   | 99-E39   | LOCKNUT, NYLON 1/4-20         | 4        |
| 13   | F0003    | LOCKNUT, NYLON #10-24         | 11       |
| 14   | 6109505  | ELECTRICAL BOX                | 1        |
| 15   | 6109534  | MOUNT, ELECTRICAL BOX RH      | 1        |
| 16   | 6109535  | MOUNT, ELECTRICAL BOX LH      | 1        |
| 17   | 99-K19   | BOLT, FLANGE 5/16-18 X 3/4    | 4        |
| 18   | 90-0416  | BOLT, 1/4-20 X 2              | 4        |
| 19   | 6109785  | MOUNT, BREAKER                | 1        |
| 20   | 99-K62   | BOLT, FLANGE 5/16-18 X 1-1/4  | 2        |
| 21   | 99-E12   | FLANGE NUT, 5/16-18           | 2        |
| 22   | REF      | BREAKER, CIRCUIT 20 AMP       | 3        |
| 23   | F0330    | SCREW, 10-24 X 3/4 SLOTTED    | 6        |
| 24   | 99-G09   | SHAKEPROOF WASHER, #10        | 2        |
| 25   | 01-016   | SCREW, MACHINE 10-24 X 1      | 1        |
| 26   | 01-017   | NUT, #10-24                   | 1        |



**Electrical Schematic  
Figure 27**

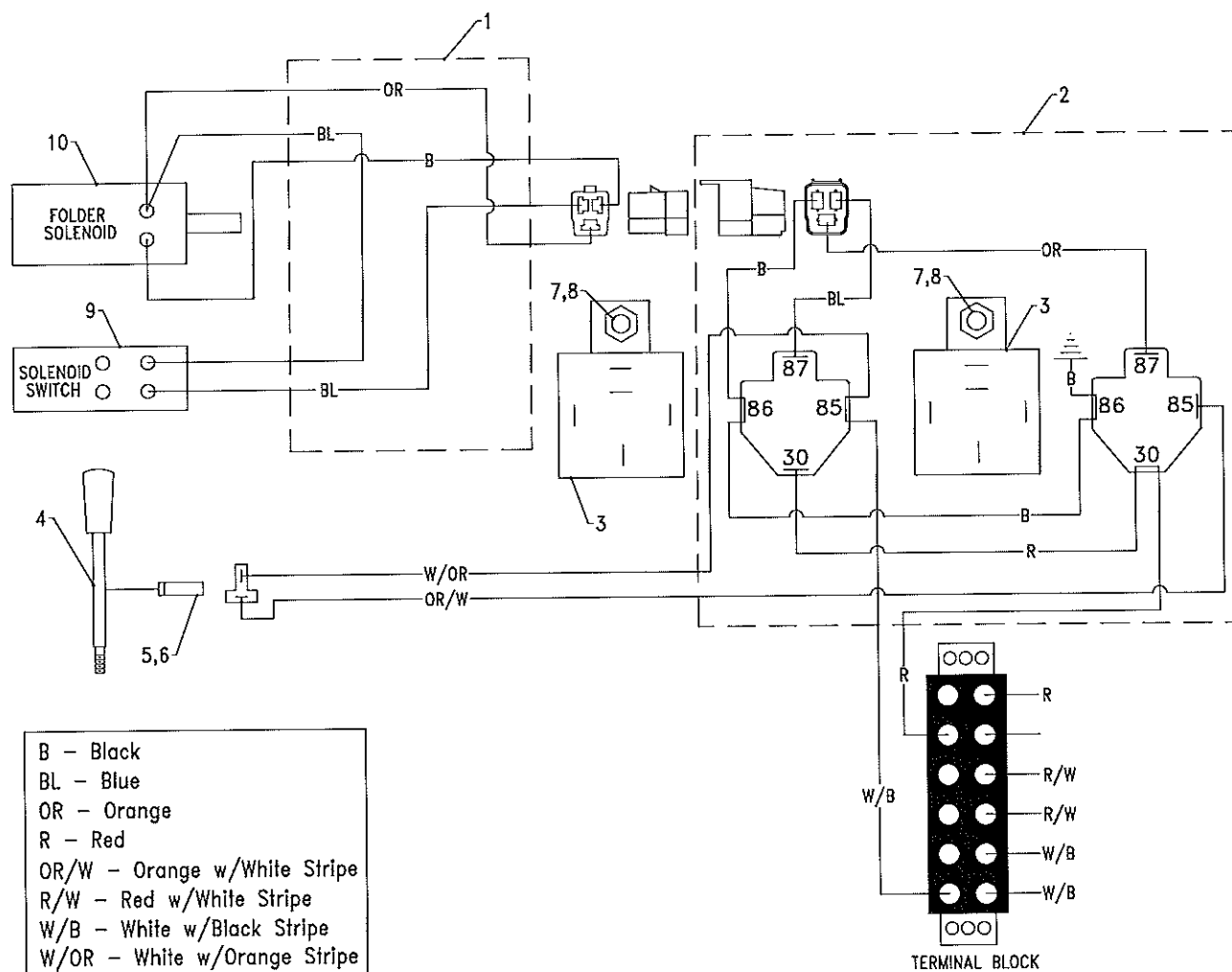
B - Black  
 R - Red  
 W - White  
 Y - Yellow  
 R/W - Red w/White Stripe  
 W/B - White w/Black Stripe  
 W/R - White w/Red Stripe



**Parts List for Figure 27**

| <b>Ref.</b> | <b>Part No.</b> | <b>Description</b>             | <b>Quantity</b> |
|-------------|-----------------|--------------------------------|-----------------|
| 1           | 30-400          | WIRE, 1570 GROUND              | 1               |
| 2           | 30-114          | BREAKER, CIRCUIT 20AMP         | 3               |
| 3           | 006409          | WIRE, BATT. TO CIRCUIT BREAKER | 2               |
| 4           | 006410          | WIRE, AC TO CIRCUIT BREAKER    | 1               |
| 5           | 30-399          | WIRE HARNESS, 1570 MAIN        | 1               |
| 6           | 30-401          | TERMINAL BLOCK, 6 GANG         | 1               |
| 7           | 35-067          | RELAY, SEALED PLASTIC          | 2               |
| 8           | 30-402          | WIRE HARNESS, 1570 LIGHTING    | 1               |
| 9           | 33-028          | FLASHER, SAFETY                | 1               |
| 10          | 31-021          | SWITCH, ROCKER ON-OFF 2-POS    | 1               |
| 11          | J1005           | TERMINAL BLOCK, FLEXIBLE       | 1               |

Folder Electrical Schematic  
Figure 27A



Parts List for Figure 27A

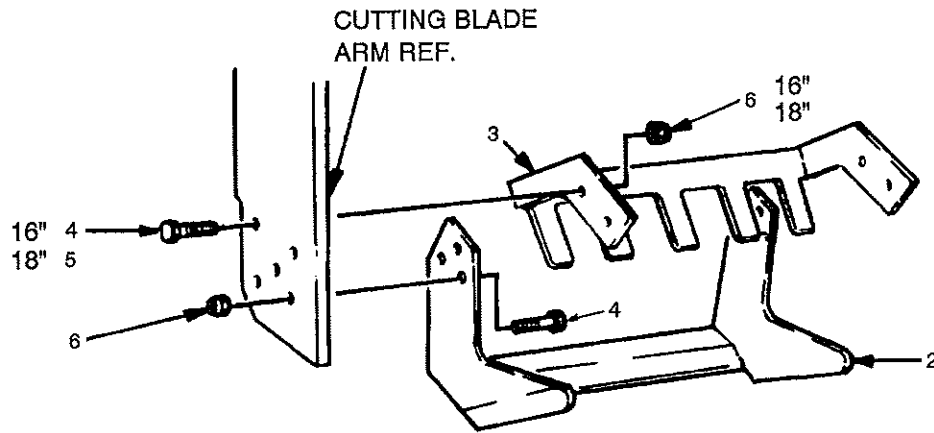
| Ref | Part no. | Description                    | Quantity |
|-----|----------|--------------------------------|----------|
| 1   | 002251   | HARNESS, FOLDER CONVEYOR       | 1        |
| 2   | 30-413   | WIRE HARNESS, FOLDER           | 1        |
| 3   | 35-067   | RELAY, SEALED PLASTIC          | 2        |
| 4   | 002648   | LEVER, OVERRIDE SWITCH         | 1        |
| 5   | 30-022   | TERMINAL, MALE SPADE           | 2        |
| 6   | 30-171   | CONNECTOR, FEMALE F/1-TERMINAL | 2        |
| 7   | 01-033   | SCREW, MACHINE 10-24 X 1/2     | 2        |
| 8   | F0003    | LOCKNUT, NYLON #10-24          | 2        |
| 9   | J0005    | SWITCH, LIMIT                  | 1        |
| 10  | J9554    | SOLENOID                       | 1        |

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| Uniblade Options     | 8-4         |
| Coulter Blade Option | 8-6         |

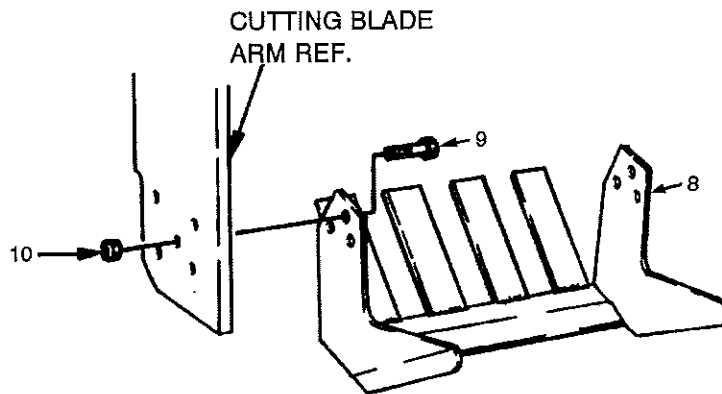
# CUTTING BLADE OPTIONS

## section 8

Cutting Blade Kits  
Figure 28



- 1 STANDARD BLADE WITH  
SOD GUIDE BRACKET  
STANDARD ON 16" & 18"  
OPTION ON 24"



- 7 SOD BLADE WITH  
FINGERS STANDARD ON 24"  
OPTION ON 16" & 18"

# CUTTING BLADE OPTIONS

## section 8

### Parts List for Figure 28

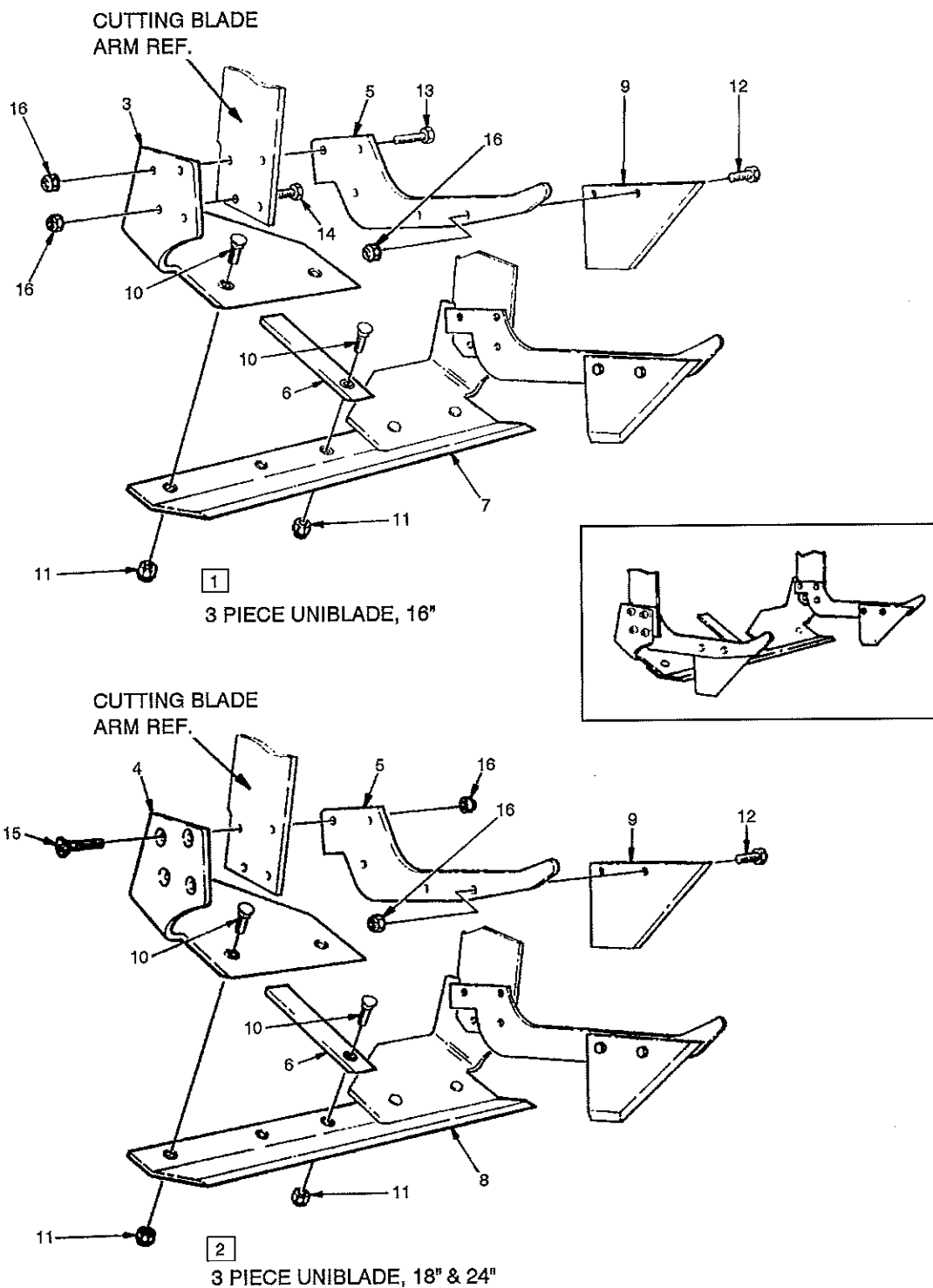
| Ref. | Part No. | Description                               | Quantity |
|------|----------|-------------------------------------------|----------|
| 1    | A03118   | KIT, STANDARD CUTTING BLADE-16" WIDE      | 1        |
|      | A03119   | KIT, STANDARD CUTTING BLADE-18" WIDE      | 1        |
|      | A03927   | KIT, STANDARD CUTTING BLADE-24" WIDE      | 1        |
| 2    | 015638   | CUTTING BLADE STANDARD 16"                | 1        |
|      | 015639   | CUTTING BLADE STANDARD 18"                | 1        |
|      | 015640   | CUTTING BLADE STANDARD 24"                | 1        |
| 3    | 002403   | GUIDE, SOD (16" CONVEYOR)                 | 1        |
|      | 002404   | GUIDE, SOD (18" CONVEYOR)                 | 1        |
|      | 002405   | GUIDE, SOD (24" CONVEYOR)                 | 1        |
| 4    | 515011   | BOLT, HHCS 5/16 X 1 (16" CONVEYOR)        | 10       |
|      | 515011   | BOLT, HHCS 5/16 X 1 (18" CONVEYOR)        | 6        |
| 5    | F2717    | SCREW, HEX SOCKET CAP FLAT (18" CONVEYOR) | 4        |
| 6    | F2002    | NUT, HEX 5/16                             | 10       |
| 7    | A03121   | KIT, COMBINATION CUTTING BLADE-16" WIDE   | 1        |
|      | A03122   | KIT, COMBINATION CUTTING BLADE-18" WIDE   | 1        |
|      | A03123   | KIT, COMBINATION CUTTING BLADE-24" WIDE   | 1        |
| 8    | 015642   | CUTTING BLADE COMBO 16"                   | 1        |
|      | 015643   | CUTTING BLADE COMBO 18"                   | 1        |
|      | 015644   | CUTTING BLADE COMBO 24"                   | 1        |
| 9    | 515011   | BOLT, HHCS 5/16 X 1                       | 6        |
| 10   | F2002    | NUT, HEX 5/16                             | 6        |

# CUTTING BLADE OPTIONS

## section 8

### Uniblade Options

Figure 29



## CUTTING BLADE OPTIONS

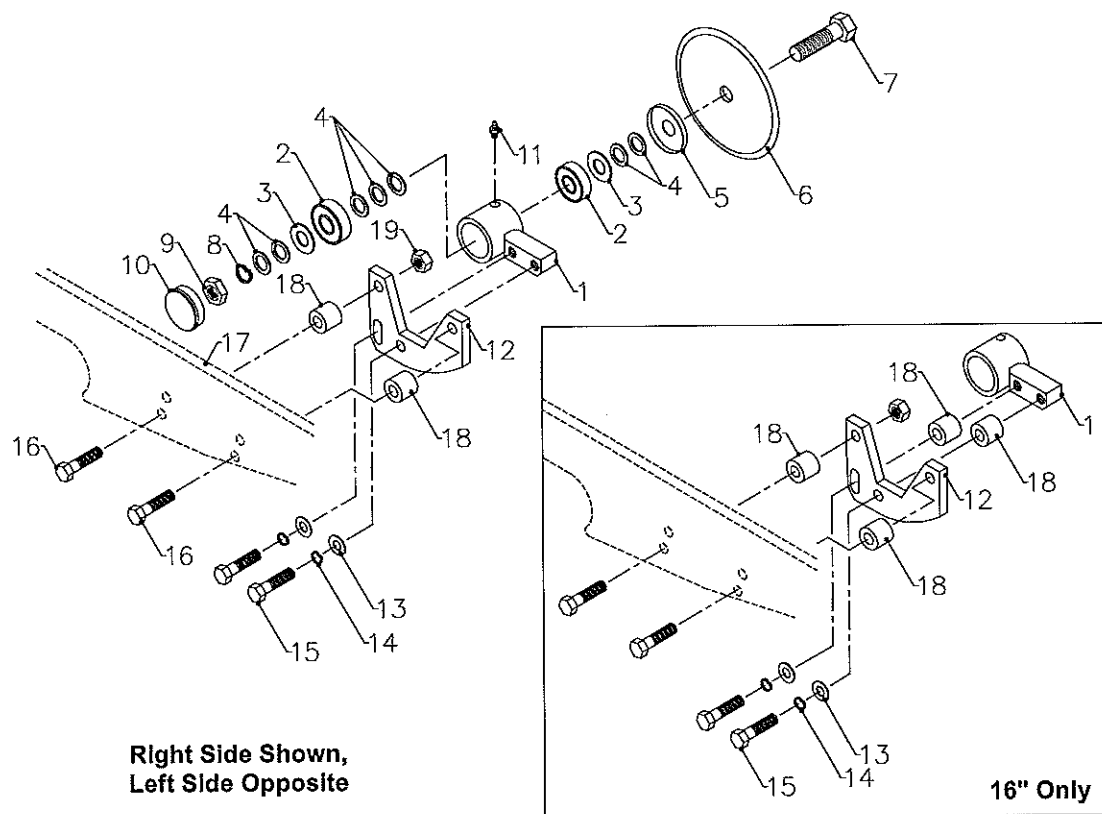
## section 8

### Parts List for Figure 29

| Ref. | Part No. | Description                         | Quantity |
|------|----------|-------------------------------------|----------|
| 1    | A03356   | KIT, UNIBLADE 16" WIDE              | 1        |
| 2    | A03357   | KIT, UNIBLADE 18" WIDE              | 1        |
|      | A03358   | KIT, UNIBLADE 24" WIDE              | 1        |
| 3    | 015178   | BLADE HOLDER, RH 16"                | 1        |
|      | 015177   | BLADE HOLDER, LH 16"                | 1        |
| 4    | 015180   | BLADE HOLDER, RH 18" & 24"          | 1        |
|      | 015179   | BLADE HOLDER, LH 18" & 24"          | 1        |
| 5    | 015183   | SIDE BLADE HOLDER                   | 2        |
| 6    | 015184   | SOD GUIDE, CENTER                   | 1        |
|      | 015184   | SOD GUIDE, CENTER (24")             | 2        |
| 7    | 001547   | BLADE, 16" BROUWER BOTTOM           | 1        |
|      | 002268   | BLADE, 16" (HEAVY DUTY) BOTTOM      | 1        |
| 8    | 001548   | BLADE, 18" BROUWER BOTTOM           | 1        |
|      | 002269   | BLADE, 18" (HEAVY DUTY) BOTTOM      | 1        |
|      | 001549   | BLADE, 24" BROUWER BOTTOM           | 1        |
|      | 002270   | BLADE, 24" (HEAVY DUTY) BOTTOM      | 1        |
| 9    | 001550   | BLADE, SIDE CUTTER .093 X 3.25      | 2        |
| *    | 002267   | BLADE, SIDE CUTTER 4" WIDE (OPTION) | A/R      |
| 10   | F3701    | BOLT, PLOW                          | 5        |
|      | F3701    | BOLT, PLOW (24")                    | 6        |
| 11   | F3013    | NUT, FLANGED STOVER LOCK            | 5        |
|      | F3013    | NUT, FLANGED STOVER LOCK (24")      | 6        |
| 12   | F2723    | BOLT, 5/16 X 3/4                    | 4        |
| 13   | F2716    | BOLT, 5/16 X 1-1/2                  | 6        |
| 14   | 515011   | BOLT, HHCS 5/16 X 1                 | 2        |
| 15   | F2717    | SCREW, HEX SOCKET CAP *FLAT*        | 8        |
| 16   | F2002    | NUT, HEX 5/16                       | 12       |

\* Not Illustrated

Coulter Blade Option  
Figure 30



# CUTTING BLADE OPTIONS

## section 8

### Parts List for Figure 30

| Ref. | Part No.   | Description                              | Quantity |
|------|------------|------------------------------------------|----------|
|      | A03983     | ASSEMBLY, COULTER ARM (RH)               | 1        |
|      | A03984     | ASSEMBLY, COULTER ARM (LH)               | 1        |
| 1    | 002426     | ARM ASSEMBLY, COULTER (RH)               | 1        |
|      | 002425     | ARM ASSEMBLY, COULTER (LH)               | 1        |
| 2    | 55-Z9504AB | BALL BEARING, 3/4 ID                     | 4        |
| 3    | 99-B49     | WASHER, SHIM                             | 4        |
| 4    | 99-B34     | WASHER, MACH. 3/4 ID 18 GA.              | 14       |
| 5    | 53-150     | CAP, BEARING HOUSING                     | 2        |
| 6    | 002377     | BLADE, COULTER                           | 2        |
| 7    | 002376     | BOLT, COULTER ARM                        | 2        |
| 8    | 96-12      | LOCK WASHER, 3/4                         | 2        |
| 9    | F7013      | JAM NUT, 3/4                             | 2        |
| 10   | 53-060     | HUB CAP                                  | 2        |
| 11   | 29-010     | GREASE FITTING, 1/4                      | 2        |
| 12   | 006573     | BRACKET, COULTER                         | 2        |
| *    | 006575     | TEMPLATE, COULTER (RH)                   | 1        |
| *    | 006576     | TEMPLATE, COULTER (LH)                   | 1        |
| 13   | 94-08      | FLAT WASHER, 1/2                         | 4        |
| 14   | 96-08      | LOCK WASHER, 1/2                         | 4        |
| 15   | 90-0812    | BOLT, 1/2 X 1-1/2 (18" or 24")           | 4        |
|      | 90-0820    | BOLT, 1/2 X 2-1/2 (16")                  | 4        |
| 16   | 90-0822    | BOLT, 1/2 X 2-3/4                        | 4        |
| 17   | REF        | FRAME, SIDE PLATE                        |          |
| 18   | 006578     | SPACER, 13/16" LONG (FOR 18" CUTTERHEAD) | 4        |
|      | 006583     | SPACER, 15/16" LONG (FOR 16" CUTTERHEAD) | 8        |
|      | 006583     | SPACER, 15/16" LONG (FOR 24" CUTTERHEAD) | 4        |
| 19   | F5018      | NUT, FLANGED STOVER                      | 4        |

\* Not Illustrated



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| 4" Roller & Drive Assembly        | 9-2         |
| Starter Tray                      | 9-4         |
| Basic Roll-up Conveyor, 16" & 18" | 9-6         |
| Basic Roll-up Conveyor, 24"       | 9-8         |
| Complete Roll-up Conveyor         | 9-10        |
| Optional Hydraulic Roll-up        | 9-12        |

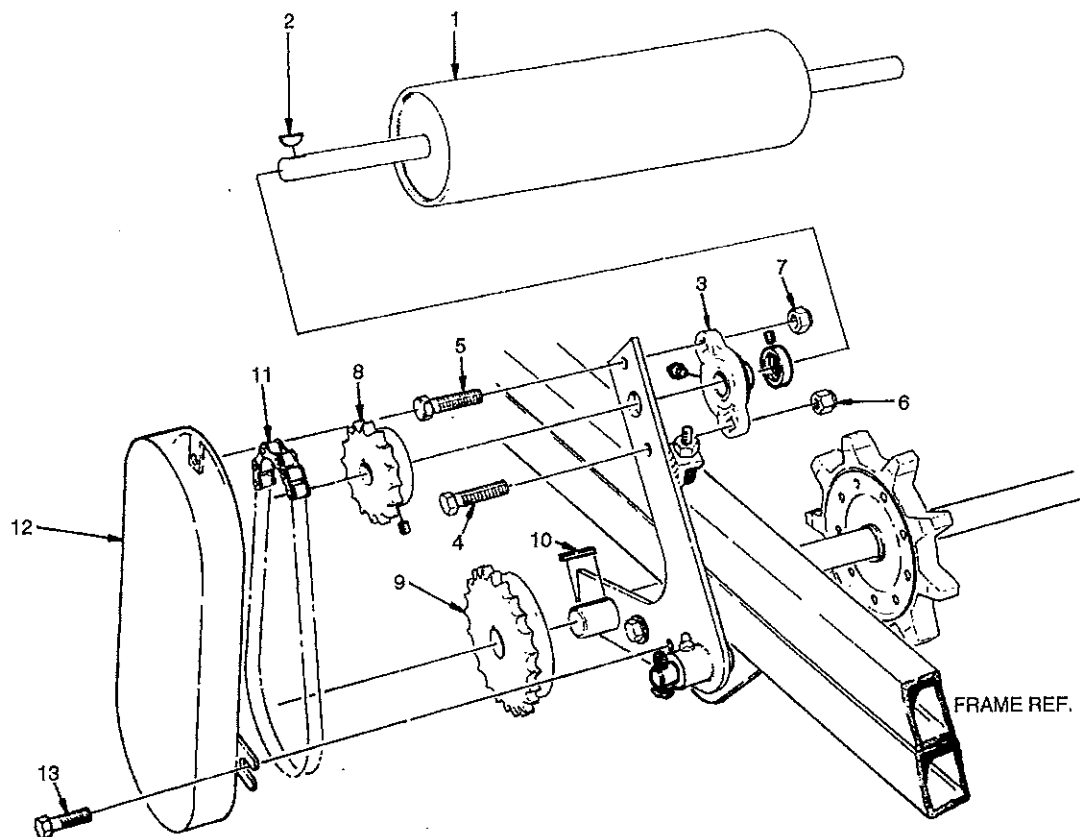
A kit is available which contains all the items required  
to convert a Slabbing or Folding Conveyor to a Roll-up.

ROLL-UP CONVERSION KIT: PART NO. A03647 (16/18") or A03648 (24")

**ADDITIONAL PARTS ARE REQUIRED:**

|                               |           |
|-------------------------------|-----------|
| Standard Cam, Stop Return Cam | 2-4       |
| Sprockets as required         | 5-2       |
| Sod Catcher/Cross Conveyor    | 11-2/10-2 |

4" Roller & Drive Assembly  
Figure 31



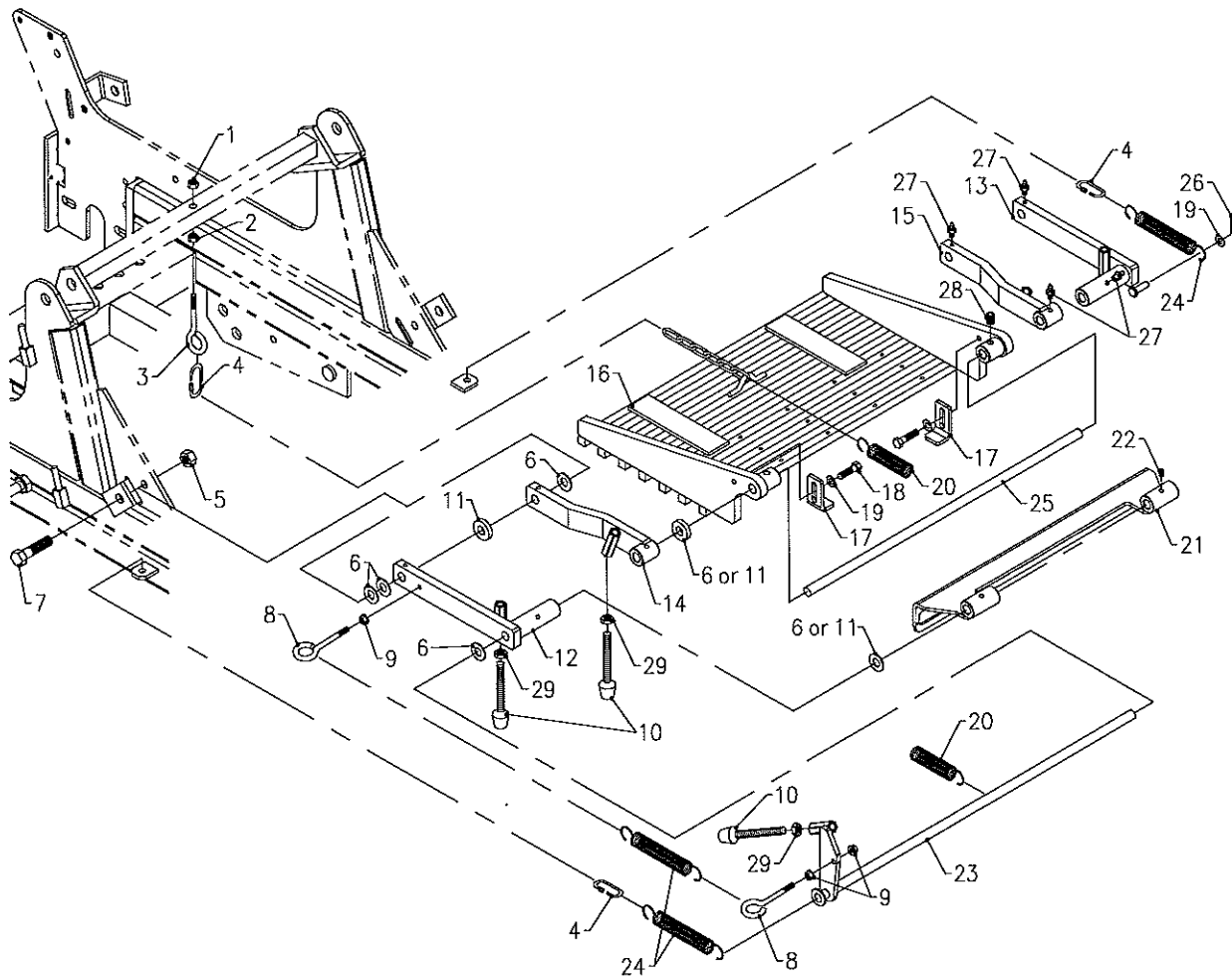
# ROLL-UP SYSTEM

## section 9

Parts List for Figure 31

| Ref. | Part No. | Description                               | Quantity |
|------|----------|-------------------------------------------|----------|
| 1    | 014204   | ROLLER, 4" DIA-16/18"                     | 1        |
|      | 001437   | ROLLER, 4" DIA- 24"                       | 1        |
| 2    | 85-W0306 | KEY, WOODRUFF 3/16 X 3/4- 16/18"          | 1        |
|      | G8054    | KEY, WOODRUFF 3/16 X 1- 24"               | 1        |
| 3    | B0002    | BEARING, FLANGE -5/8" SET SCREW           | 2        |
| 4    | 99-K27   | BOLT, FLANGE 1/4 X 1                      | 3        |
| 5    | 90-0510  | BOLT, 5/16 X 1-1/4                        | 1        |
| 6    | 99-E20   | FLANGE NUT, 1/4                           | 3        |
| 7    | 99-E38   | LOCKNUT, NYLON 5/16                       | 1        |
| 8    | D1104    | SPROCKET, FIXED- H40 X 16T X 5/8 (RUBBER) | 1        |
|      | D1109    | SPROCKET, FIXED- 40 X 19T X 5/8 (MINTEX)  | 1        |
| 9    | D1113    | SPROCKET, FIXED- H40 X 24T X 3/4 (RUBBER) | 1        |
|      | D1110    | SPROCKET, FIXED- 40 X 19T X 3/4 (MINTEX)  | 1        |
| 10   | 85-K0310 | KEY, SQ. 3/16 X 3/16 X 1-1/4              | 1        |
| 11   | Q8008    | #40 ROLLER CHAIN                          | 1        |
|      | 81-056   | CONNECTOR LINK, #40                       | 1        |
|      | 81-076   | HALFLINK, #40                             | 1        |
| 12   | 6115895  | GUARD W.A., 4" ROLLER DRIVE               | 1        |
| 13   | 99-K19   | BOLT, FLANGE 5/16 X 3/4                   | 1        |

Starter Tray  
Figure 32



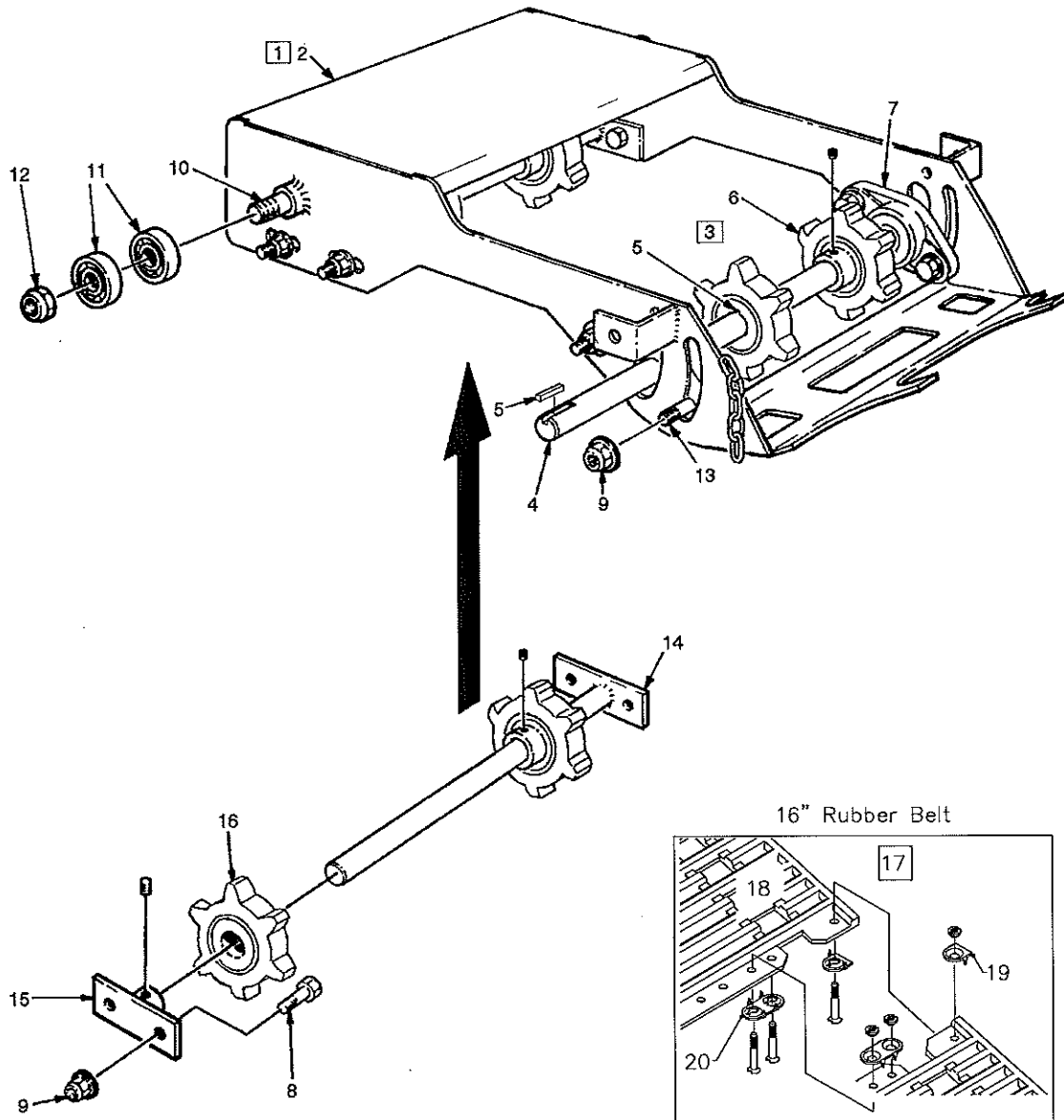
# ROLL-UP SYSTEM

## section 9

### Parts List for Figure 32

| Ref. | Part No.  | Description                    | Quantity |
|------|-----------|--------------------------------|----------|
| 1    | 99-E38    | LOCKNUT, NYLON 5/16-18         | 1        |
| 2    | 92-05     | NUT, 5/16-18                   | 1        |
| 3    | 002102    | EYEBOLT, STARTER TRAY          | 1        |
| 4    | G8084     | QUICK LINK, 3/16               | 3        |
| 5    | F5012     | NUT, JAM NYLON INSERT          | 2        |
| 6    | 95-08     | FLAT WASHER, 1/2 SAE           | A/R      |
| 7    | 90-0820   | BOLT, 1/2-13 X 2-1/2           | 2        |
| 8    | 99-K25    | EYE-BOLT 1/4 X 2 W/9/16        | 2        |
| 9    | 99-E20    | FLANGE NUT, 1/4-20             | 3        |
| 10   | F3748     | BOLT, RUBBER HEAD 3/8-16       | 5        |
| 11   | 99-B12    | WASHER, 1/4 X 17/32 X 1-1/8    | A/R      |
| 12   | 6115857   | LINK ARM WELDMENT              | 1        |
| 13   | 6115858   | LINK ARM WELDMENT              | 1        |
| 14   | 6115859   | LINK ARM WELDMENT              | 1        |
| 15   | 6115860   | LINK ARM WELDMENT              | 1        |
| 16   | 6115834   | STARTER TRAY 16/18 W/A         | 1        |
|      | 6115835   | STARTER TRAY 24 W/A            | 1        |
| 17   | 6115861   | STOP STARTER TRAY              | 2        |
| 18   | 90-0506   | BOLT, 5/16-18 X 3/4            | 2        |
| 19   | 94-05     | FLAT WASHER, 5/16 USS          | 3        |
| 20   | 001277    | SPRING, STARTER TRAY           | 1        |
| 21   | 6115825   | STARTER GATE 16/18 W/A         | 1        |
|      | 6115826   | STARTER GATE 24 W/A            | 1        |
| 22   | 85-SS12   | SET SCREW, 1/4-28 X 1/4 SKT HD | 2        |
| 23   | 6115862   | 16" 18" PIVOT ROD WELDMENT     | 1        |
|      | 6115864   | 24" PIVOT ROD WELDMENT         | 1        |
| 24   | 001279    | SPRING, SCRAPER BLADE          | 3        |
| 25   | 6115891   | ROD, STARTER TRAY PIVOT, 16/18 | 1        |
|      | 6115892   | ROD, STARTER TRAY PIVOT, 24"   | 1        |
| 26   | 02-CP0308 | COTTER PIN, 3/32 X 1           | 1        |
| 27   | 29-010    | GREASE FITTING, 1/4-28 SHORT   | 8        |
| 28   | 85-SS14   | SET SCREW, 3/8-16 X 3/8 SKTHD  | 2        |
| 29   | 99-E21    | JAM NUT, 3/8-16                | 5        |

Basic Roll-up Conveyor, 16" & 18"  
Figure 33



# ROLL-UP SYSTEM

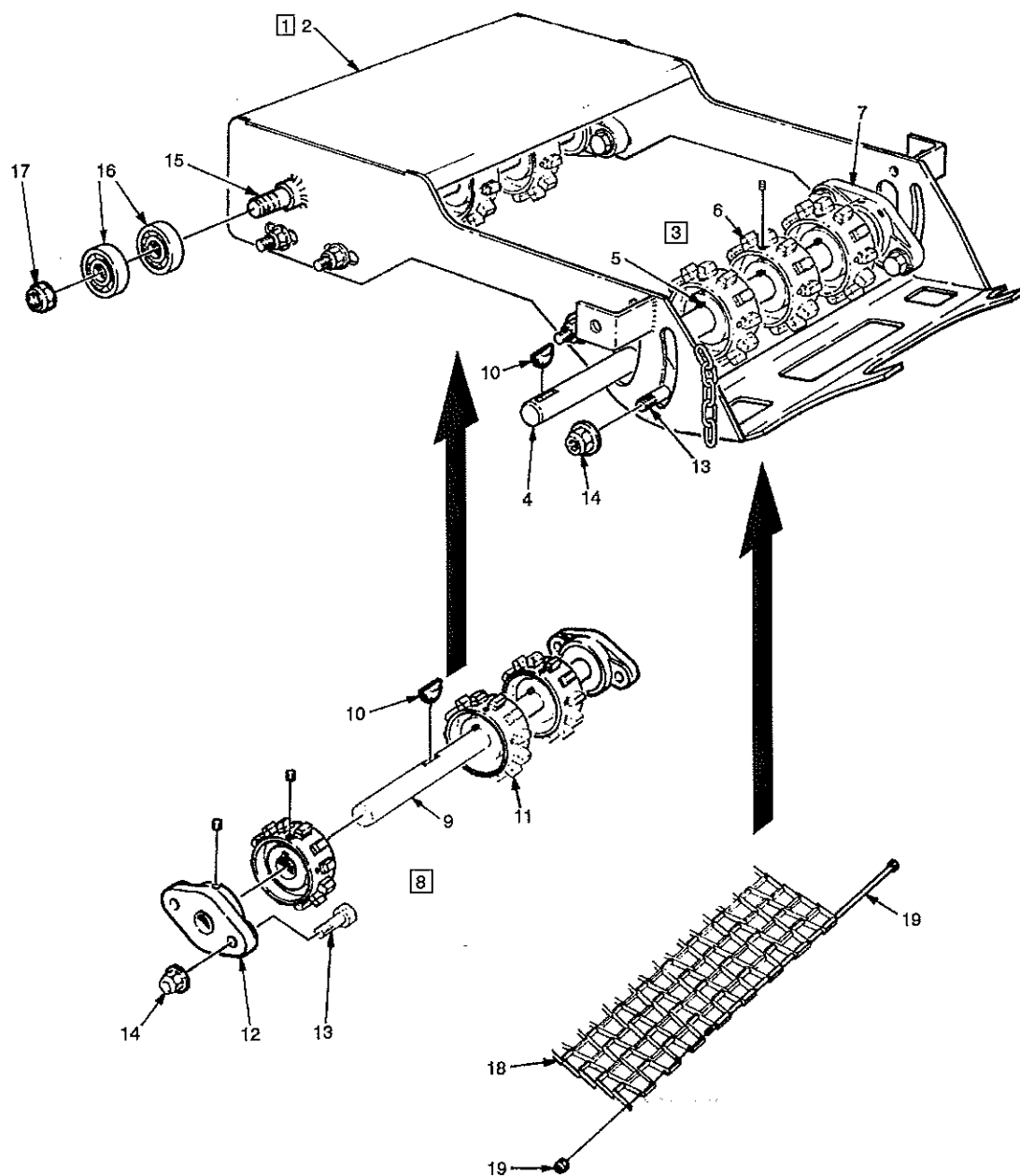
## section 9

Parts List for Figure 33

| Ref. | Part No.   | Description                    | Quantity |
|------|------------|--------------------------------|----------|
| 1    | A03659     | ASSEMBLY, RUBBER ROLLUP-16/18" | 1        |
| 2    | 016601     | FRAME, ROLLUP TRAY             | 1        |
| 3    | A03696     | ASSEMBLY, ROLLUP IDLER SHAFT   | 1        |
| 4    | 002609     | SHAFT, ROLL-UP DRIVE           | 1        |
| 5    | 124424     | KEY, 1/4" X 1/4" X 1-1/2"      | 3        |
| 6    | A03186     | ASSEMBLY, DRIVE SPROCKET       | 2        |
|      | F1610      | SETSCREW, 1/4                  | 2        |
|      | 200556     | HUB, SPROCKET DRIVE            | 2        |
|      | 014268     | DRIVE SPROCKET                 | 2        |
| 7    | 55-FB23016 | BEARING, 2-BOLT FLANGE 1"      | 2        |
| 8    | 90-0710    | BOLT, 7/16 X 1-1/4             | 4        |
| 9    | F4008      | NUT, FLANGED STOVER            | 8        |
| 10   | 90-1228    | BOLT, 3/4 X 3-1/2              | 2        |
| 11   | B2048      | BEARING, BALL- 3/4" SHAFT DIA. | 4        |
| 12   | 99-A12     | LOCKNUT, STOVER 3/4            | 2        |
| 13   | 90-0712    | BOLT, 7/16 X 1-1/2             | 4        |
| 14   | 014580     | SHAFT, ROLLUP IDLER            | 1        |
| 15   | 015429     | MOUNT, SHAFT                   | 1        |
|      | 85-SS09    | SETSCREW, 5/16                 | 1        |
| 16   | 014268     | SPROCKET                       | 2        |
|      | B2022      | BEARING, BALL 1" (SETSCREW)    | 1        |
| 17   | A02008     | KIT, ROLLUP 16/18"             | 1        |
| 18   | 002640     | BELT, ROLLUP OPTION            | 1        |
| 19   | 002641     | HALF MAT SPLICER               | 2        |
| 20   | G8008      | MAT SPLICER                    | 3        |
| *    | M5016      | NUT DRIVER                     | 1        |
| *    | 03-028     | CLIP, TRACK (WIDE)             | A/R      |

\* Not Illustrated

Basic Roll-up Conveyor, 24"  
Figure 34



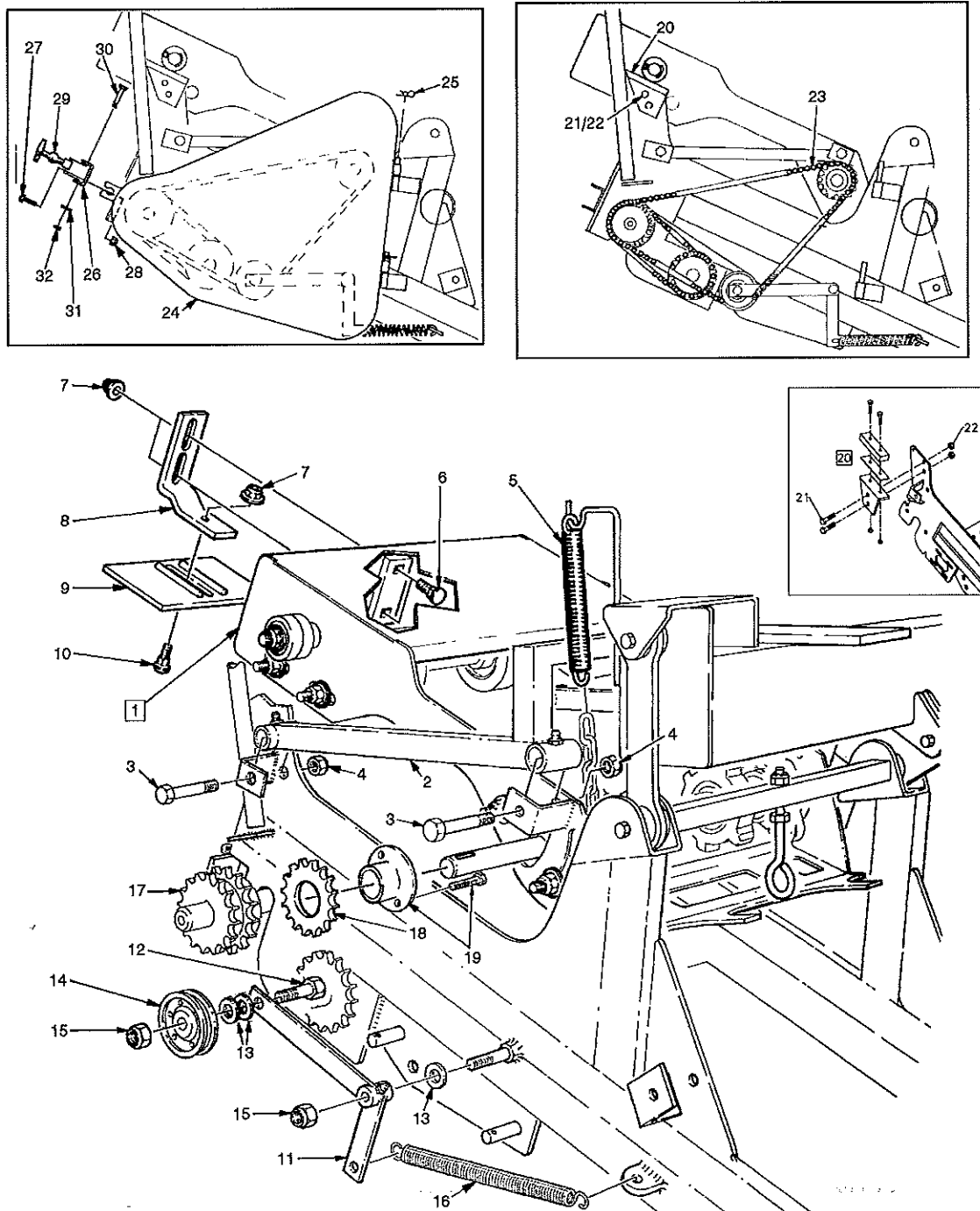
# ROLL-UP SYSTEM

## section 9

Parts List for Figure 34

| Ref. | Part No.   | Description                              | Quantity |
|------|------------|------------------------------------------|----------|
| 1    | A03660     | ASSEMBLY, MINTEX ROLLUP -24"             | 1        |
| 2    | 016602     | FRAME, ROLLUP TRAY -24"                  | 1        |
| 3    | A03027     | ASSEMBLY, MINTEX ROLLUP DRIVE SHAFT      | 1        |
| 4    | 001390     | SHAFT, DRIVE- ROLL UP                    | 1        |
| 5    | 124422     | KEY, 1/4 X 1/4 X 1-3/8                   | 4        |
| 6    | 001348     | SPROCKET, 4" CAST                        | 3        |
|      | 85-SS09    | SET SCREW, 5/16 X 3/8 SKTHD              | 2        |
| 7    | 55-FB23016 | BEARING, 2-BOLT FLANGE 1"                | 2        |
| 8    | A03694     | ASSEMBLY, ROLLUP IDLER SHAFT -24" MINTEX | 1        |
| 9    | 016720     | SHAFT, ROLLUP IDLER -24" M/C             | 1        |
| 10   | G8019      | KEY, WOODRUFF 1/4 X 1"                   | 3        |
| 11   | 001348     | SPROCKET, 4" CAST                        | 3        |
|      | 85-SS09    | SET SCREW, 5/16 X 3/8 SKTHD              | 2        |
| 12   | 55-FB23016 | BEARING, 2-BOLT FLANGE 1"                | 2        |
| 13   | 90-0710    | BOLT, 7/16 X 1-1/4                       | 8        |
| 14   | F4008      | NUT, FLANGED STOVER                      | 8        |
| 15   | 90-1228    | BOLT, 3/4 X 3-1/2                        | 2        |
| 16   | B2048      | BEARING, BALL -3/4" SHAFT DIA.           | 4        |
| 17   | 99-A12     | LOCKNUT, STOVER 3/4                      | 2        |
| 18   | 001499     | BELT, MINTEX ROLLUP 41 BUTTON            | 1        |
| 19   | A03487     | ASSEMBLY, MAT CONNECTOR                  | 1        |

Complete Roll-up Conveyor  
Figure 35



Parts List for Figure 35

| Ref | Part no. | Description                       | Quantity |
|-----|----------|-----------------------------------|----------|
| 1   | A03659   | ASSEMBLY, RUBBER ROLLUP -16/18"   | 1        |
|     | A03660   | ASSEMBLY, MINTEX ROLLUP -24"      | 1        |
| 2   | 001707   | FRAME, TRAY REINFORCEMENT -16/18" | 1        |
|     | 001710   | FRAME, TRAY REINFORCEMENT -24"    | 1        |
|     | 29-010   | GREASE FITTING, 1/4               | 4        |

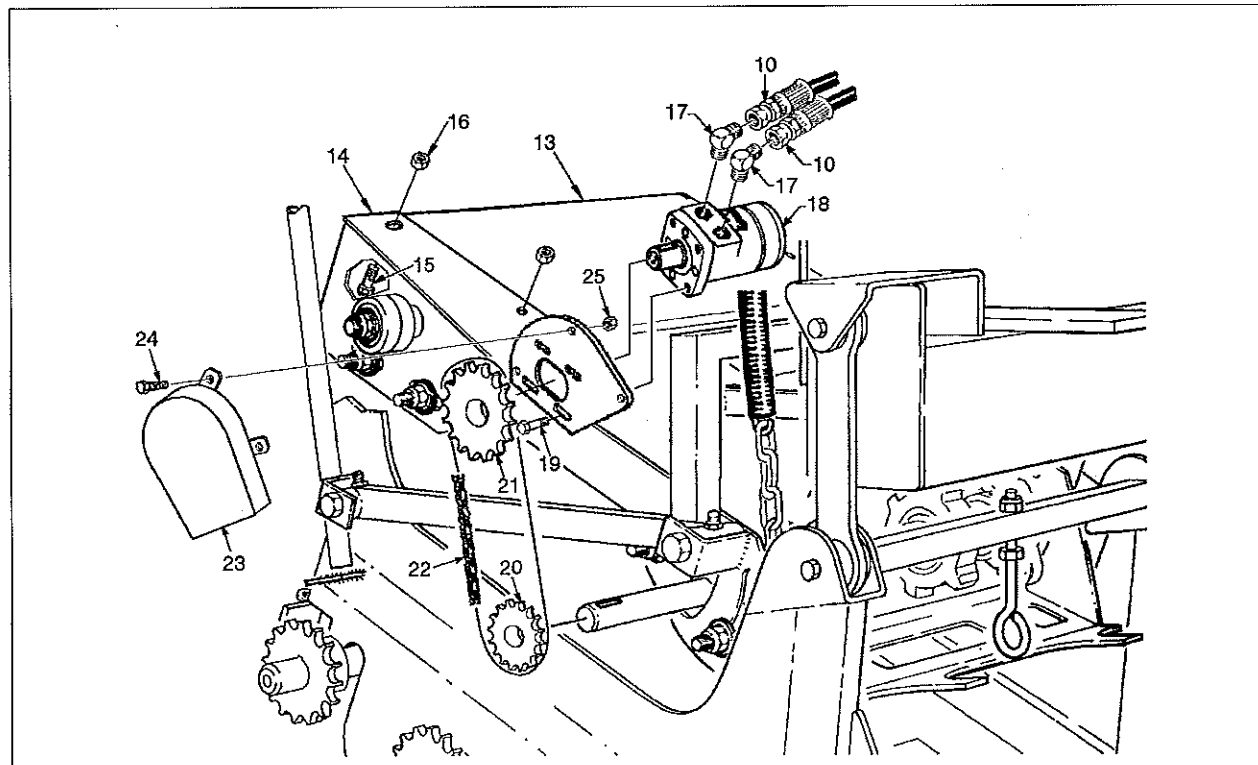
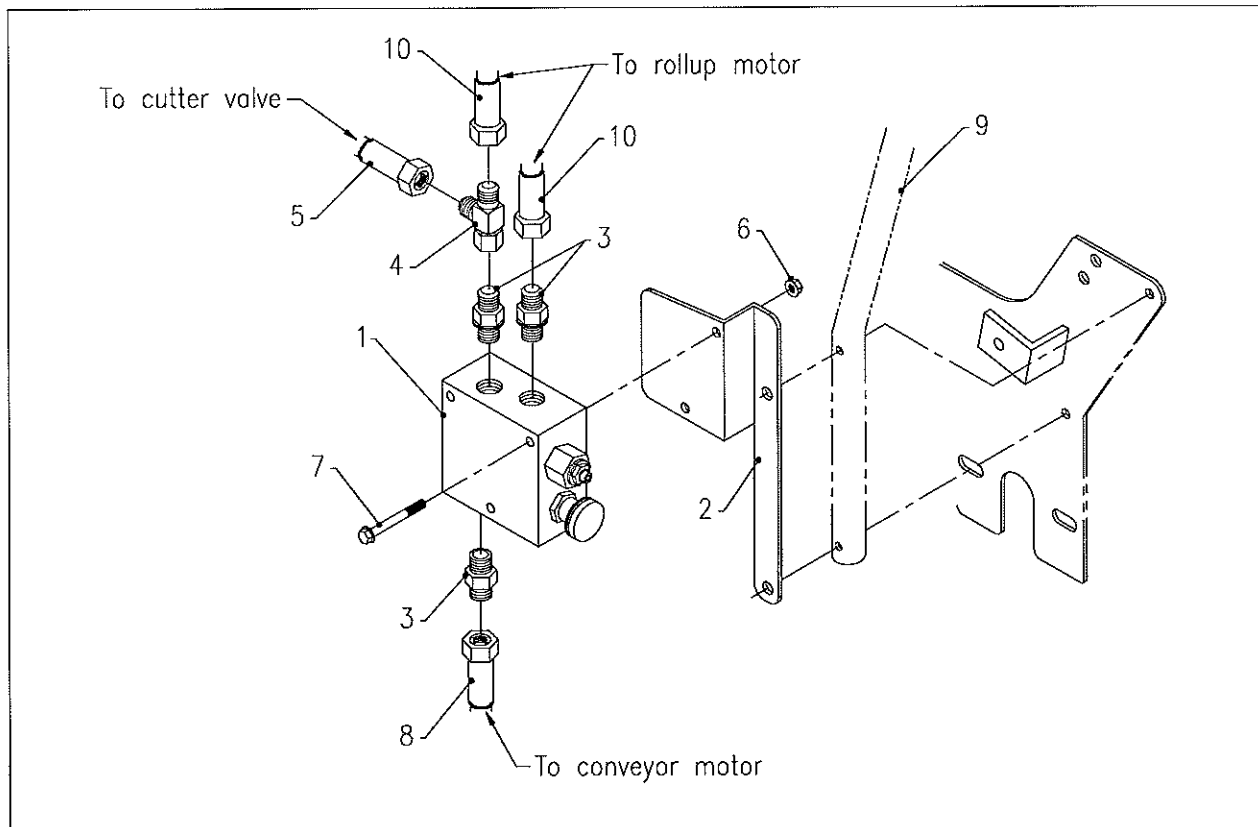
# ROLL-UP SYSTEM

## section 9

### Parts List for Figure 35 (continued)

| Ref | Part no.  | Description                             | Quantity |
|-----|-----------|-----------------------------------------|----------|
| 3   | 90-0824   | BOLT, 1/2 X 3                           | 4        |
| 4   | F5012     | NUT, NYLON INSERT                       | 4        |
| 5   | S2003     | SPRING, EXTENSION                       | 1        |
| 6   | 97-0610   | CARRIAGE BOLT, 3/8 X 1-1/4 -16/18"      | 2        |
|     | 97-0610   | CARRIAGE BOLT, 3/8 X 1-1/4 -24"         | 4        |
| 7   | F3013     | NUT, FLANGED STOVER LOCK -16/18"        | 3        |
|     | F3013     | NUT, FLANGED STOVER LOCK -24"           | 6        |
| 8   | 016667    | BAR, FLAP ADJUSTMENT -16/18"            | 1        |
|     | 016667    | BAR, FLAP ADJUSTMENT -24"               | 2        |
| 9   | 001391    | FLAP ADJUSTER -16/18"                   | 1        |
|     | 001392    | FLAP ADJUSTER -24"                      | 2        |
| 10  | 97-0608   | CARRIAGE BOLT, 3/8 X 1 -16/18"          | 1        |
|     | 97-0608   | CARRIAGE BOLT, 3/8 X 1 -24"             | 2        |
| 11  | 001375    | ROLLUP DRIVE IDLER ARM                  | 1        |
|     | 29-010    | GREASE FITTING, 1/4                     | 1        |
| 12  | 90-0816   | BOLT, 1/2 X 2                           | 1        |
| 13  | 94-08     | FLAT WASHER, 1/2                        | 3        |
| 14  | D2902     | SHEAVE, BELT IDLER                      | 1        |
| 15  | F5018     | NUT, FLANGED STOVER 1/2                 | 2        |
| 16  | 41-047    | SPRING, EXT. 0.765 X 6.813              | 1        |
| 17  | OPTION    | CONVEYOR DRIVE SPROCKET (SEE SECTION 5) | 1        |
| 18  | OPTION    | ROLLUP DRIVE SPROCKET (SEE SECTION 5)   | 1        |
| 19  | 83-H16SPL | BUSHING                                 | 1        |
|     | 90-0408   | BOLT, 1/4 X 3/4                         | 2        |
| 20  | 014084    | STOP ASSEMBLY, ROLL UP TRAY (RH)        | 1        |
|     | 016960    | STOP, ROLL UP TRAY (RH)                 | 1        |
|     | 016961    | SHIM                                    | 1        |
|     | 05-041    | BUMPER PAD, 4" X 1-1/4" 2-HOLE          | 1        |
|     | 99-K53    | BOLT, SHOULDER 5/16 X 3/8               | 2        |
|     | 99-E39    | LOCKNUT, NYLON 1/4                      | 2        |
|     | 014083    | STOP ASSEMBLY, ROLL UP TRAY (LH)        | 1        |
|     | 016959    | STOP, ROLL UP TRAY (LH)                 | 1        |
|     | 016961    | SHIM                                    | 1        |
|     | 05-041    | BUMPER PAD, 4" X 1-1/4" 2-HOLE          | 1        |
|     | 99-K53    | BOLT, SHOULDER 5/16 X 3/8               | 2        |
|     | 99-E39    | LOCKNUT, NYLON 1/4                      | 2        |
| 21  | 99-K13    | BOLT, FLANGE 3/8 X 1                    | 4        |
| 22  | 99-E13    | FLANGE NUT, 3/8                         | 4        |
| 23  | Q8008     | #40 ROLLER CHAIN                        | 1        |
|     | 81-056    | CONNECTOR LINK, #40                     | 1        |
|     | 81-076    | HALFLINK, #40                           | 1        |
| 24  | 6115944   | GUARD, CHAIN ROLL-UP                    | 1        |
|     | 6115942   | COVER, SHIELD                           | 1        |
|     | 99-K31    | FLANGE BOLT, 1/4 X 1/2                  | 2        |
|     | 99-E20    | FLANGE NUT, 1/4                         | 2        |
| 25  | G2510     | PIN, HITCH CLIP                         | 2        |
| 26  | G8116     | BRACKET                                 | 1        |
| 27  | F0301     | SCREW, MACHINE 10 X 3/4                 | 2        |
| 28  | F0003     | NUT, NYLON INSERT                       | 2        |
| 29  | G8115     | HANDLE                                  | 1        |
| 30  | G8117     | STUD                                    | 1        |
| 31  | G8118     | WASHER                                  | 1        |
| 32  | G8119     | RETAINER                                | 1        |

Optional Hydraulic Roll-up  
Figure 36



# ROLL-UP SYSTEM

## section 9

### Parts List for Figure 36

| Ref. | Part No.    | Description                                | Quantity |
|------|-------------|--------------------------------------------|----------|
| 1    | 23-154      | FLOW CONTROL VALVE                         | 1        |
| 2    | 6109507     | MOUNT, VALVE - HYD. ROLL UP CONTROL        | 1        |
| 3    | 25-0503-8-8 | FITTING,STR -8 M ORB/-8 M JIC              | 3        |
| 4    | 25-063T-8-8 | FITTING,TEE -8 FJIC/ 2)-8 MJIC             | 1        |
| 5    | 20-226      | HOSE, 5/8X48-1/2-8FJICX-12FJIC9            | 1        |
| 6    | 99-E20      | FLANGE NUT, 1/4-20                         | 2        |
| 7    | 99-K89      | BOLT, FLANGE 1/4 X 2 1/2                   | 2        |
| 8    | 20-173      | HOSE, 1/2 X 36 -8FJIC X -8FJIC             | 1        |
| 9    | REF         | TUBE, HANDRAIL                             |          |
| 10   | 20-173      | HOSE, 1/2 X 36 -8FJIC X -8FJIC (16/18")    | 2        |
|      | 20-067      | HOSE, 1/2 X 40 100R2 #8 JIC (24")          | 2        |
| 13   | REF         | ROLLUP ASSEMBLY                            |          |
| 14   | 6115180     | MOUNT, HYDRAULIC ROLLUP MOTOR              | 1        |
| 15   | 99-K11      | BOLT, FLANGE 3/8-16 X 3/4                  | 2        |
| 16   | 99-E13      | FLANGE NUT, 3/8                            | 2        |
| 17   | 25-2103-8-8 | FITTING, 90 -8 MPT X -8 M JIC              | 2        |
| 18   | H0012       | MOTOR, HYDRAULIC                           | 1        |
| 19   | 99-K11      | BOLT, FLANGE 3/8 X 3/4                     | 4        |
| 20   | D1103       | SPROCKET, FIXED 40 X 15T X 1"BORE          | 1        |
| 21   | D1132       | SPROCKET, 4022 X 1"                        | 1        |
| 22   | 6115185     | CHAIN, HYDRAULIC ROLLUP DRIVE              | 1        |
| *    | 81-056      | CONNECTOR LINK, #40                        | 1        |
| *    | 81-076      | HALF-LINK, #40                             | 1        |
| 23   | 6115181     | SHIELD, HYDRAULIC ROLLUP MOTOR             | 1        |
| 24   | 99-K26      | BOLT, FLANGE 1/4 X 3/4                     | 2        |
| 25   | 99-E20      | FLANGE NUT, 1/4                            | 2        |
| *    | 002620      | GUARD, CHAIN ROLLUP DRIVE (CROSS CONVEYOR) | 1        |
| *    | 6115186     | GUARD, CHAIN ROLLUP DRIVE (SOD CATCHER)    | 1        |

\* Not Illustrated



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| Cross Conveyor Assembly | 10-2        |

A kit is available which contains all the items required to install a Cross Conveyor.

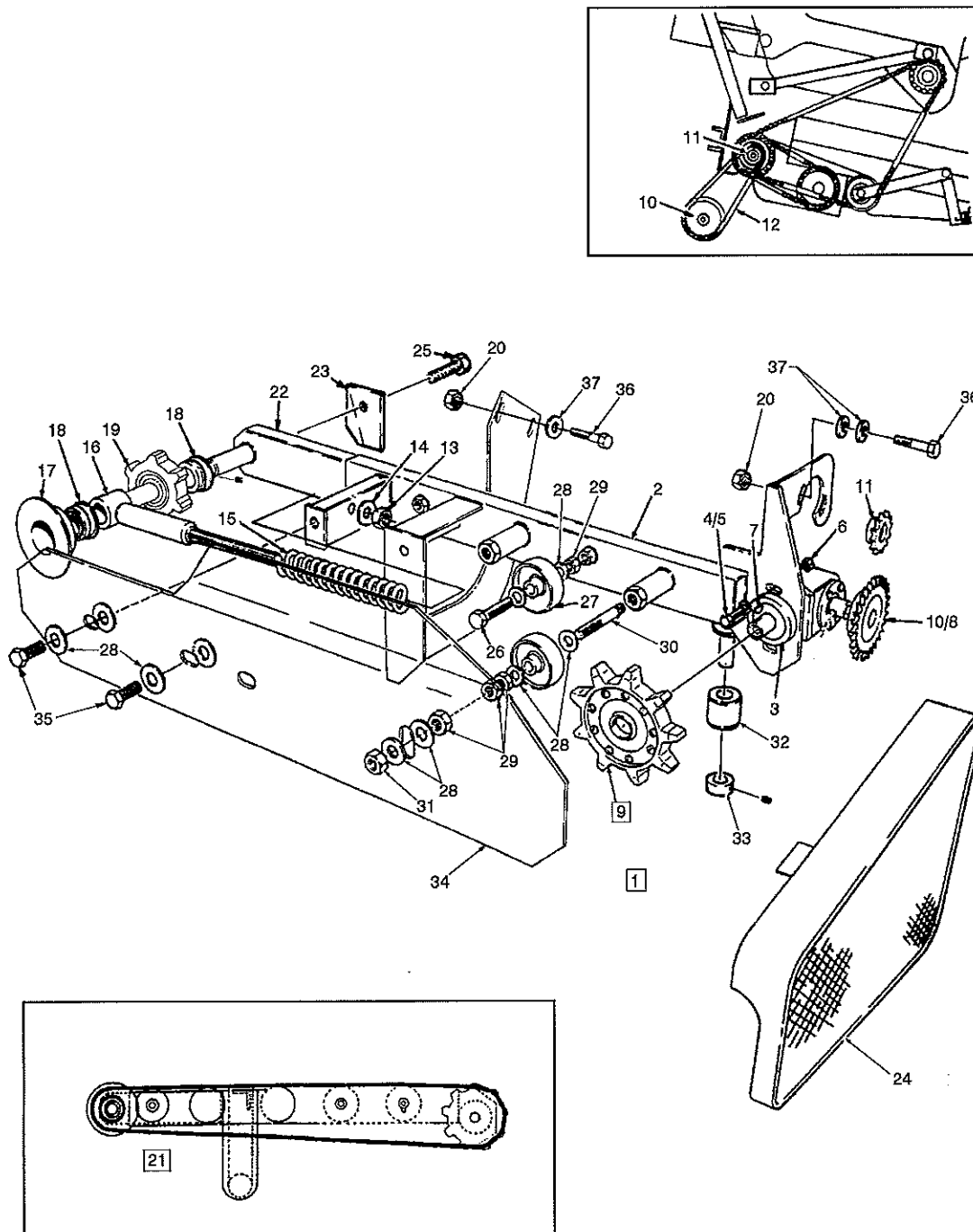
CROSS CONVEYOR INSTALLATION KIT: PART NO. A03231 (16/18") or A03257 (24")

Contains Cross Conveyor and all necessary hardware

# CROSS CONVEYOR

## section 10

Cross Conveyor Assembly  
Figure 37



# CROSS CONVEYOR

## section 10

### Parts List for Figure 37

| Ref. | Part No. | Description                                                 | Quantity |
|------|----------|-------------------------------------------------------------|----------|
| 1    | A03231   | ASSEMBLY, ROLL CROSS CONVEYOR 16/18"                        | 1        |
|      | A03257   | ASSEMBLY, ROLL CROSS CONVEYOR 24"                           | 1        |
| 2    | 015824   | FRAME, ROLL CROSS CONVEYOR 16/18"                           | 1        |
|      | 015846   | FRAME, ROLL CROSS CONVEYOR 24"                              | 1        |
| 3    | D0055    | GEARBOX, 90 DEG. LH DRIVE                                   | 1        |
| 4    | 90-0612  | BOLT, 3/8 X 1-1/2                                           | 2        |
| 5    | 015907   | FLAT WASHER, 3/8 HEAVY DUTY                                 | 2        |
| 6    | F3013    | NUT, FLANGED STOVER LOCK                                    | 2        |
| 7    | G8025    | KEY, WOODRUFF 5/32 X 5/8                                    | 1        |
| 8    | 85-W0306 | KEY, WOODRUFF 3/16 X 3/4                                    | 1        |
| 9    | A03520   | ASSEMBLY, CROSS CONVEYOR DRIVE SPOCKET                      | 1        |
|      | 83-053   | SPROCKET, 9 TOOTH BROUWER                                   | 1        |
|      | D8001    | FLANGE, SPROCKET                                            | 1        |
|      | 85-SS12  | SET SCREW, 1/4 X 1/4 SOCKET HEAD                            | 2        |
|      | 99-K06   | BOLT, 1/4 X 3/4 SL RD HD                                    | 9        |
|      | 99-E39   | LOCKNUT, NYLON 1/4                                          | 9        |
|      | 015841   | HUB, DRIVE SPROCKET                                         | 1        |
| 10   | D1133    | SPROCKET, FIXED #40 X 25T X 7/8"                            | 1        |
| 11   | D1108    | SPROCKET, FIXED #40 X 18T X 1" BORE                         | 1        |
|      | D1103    | SPROCKET, FIXED #40 X 15T X 1" BORE<br>(OPTIMAL HIGH SPEED) | 1        |
| 12   | Q8008    | #40 ROLLER CHAIN                                            | 1        |
|      | 81-056   | CONNECTOR LINK, #40                                         | 1        |
|      | 81-076   | HALFLINK, #40                                               | 1        |
| 13   | 99-E41   | LOCKNUT, NYLON 1/2                                          | 1        |
| 14   | 94-08    | FLAT WASHER, 1/2                                            | 1        |
| 15   | 101275   | SPRING, TELESCOPING ARM                                     | 1        |
| 16   | 015831   | BELT ADJUSTER                                               | 1        |
| 17   | 015427   | ROLLER, FLANGED IDLER                                       | 1        |
| 18   | B2022    | BEARING, BALL 1" (SETSCREW)                                 | 2        |
| 19   | 014268   | DRIVE SPROCKET                                              | 1        |
| 20   | F4008    | NUT, FLANGED STOVER                                         | 4        |
| 21   | A03232   | ASSY, RUBBER BELT ROLL CROSS CONVEYOR                       | 1        |
|      | 002639   | BELT, CROSS CONVEYOR                                        | 1        |
|      | G8008    | MAT SPLICER                                                 | 2        |
| 22   | 015829   | CROSS CONVEYOR SLIDE                                        | 1        |
| 23   | 015882   | GUIDE, BELT                                                 | 1        |
| 24   | 6115943  | GUARD, CHAIN ROLL-UP DRIVE                                  | 1        |
|      | 6115942  | COVER, SHIELD                                               | 1        |
|      | 99-K31   | FLANGE BOLT, 1/4 X 1/2                                      | 2        |
|      | 99-E20   | FLANGE NUT, 1/4                                             | 2        |
| 25   | 99-K11   | BOLT, FLANGE 3/8 X 3/4                                      | 1        |
| 26   | 90-0820  | BOLT, 1/2 X 2-1/2                                           | 2        |
| 27   | R0005    | WHEEL, NYLON 3" DIA. X 1/2" BORE                            | 4        |
| 28   | 95-08    | FLAT WASHER, 1/2 SAE                                        | 16       |
| 29   | 99-E10   | JAM NUT, 1/2                                                | 8        |
| 30   | 015843   | STUD, CROSS CONVEYOR                                        | 2        |
| 31   | 99-E41   | LOCKNUT, NYLON 1/2                                          | 2        |
| 32   | 014085   | NYLON ROLLER, ROLL-UP TRAY                                  | 1        |
| 33   | 85-SC14  | SET COLLAR, 7/8                                             | 1        |
| 34   | 015844   | GUARD, CROSS CONVEYOR                                       | 1        |
| 35   | 90-0808  | BOLT, 1/2 X 1                                               | 2        |
| 36   | 90-0716  | BOLT, 7/16 X 2                                              | 4        |
| 37   | 95-08    | FLAT WASHER, 1/2 SAE                                        | 8        |



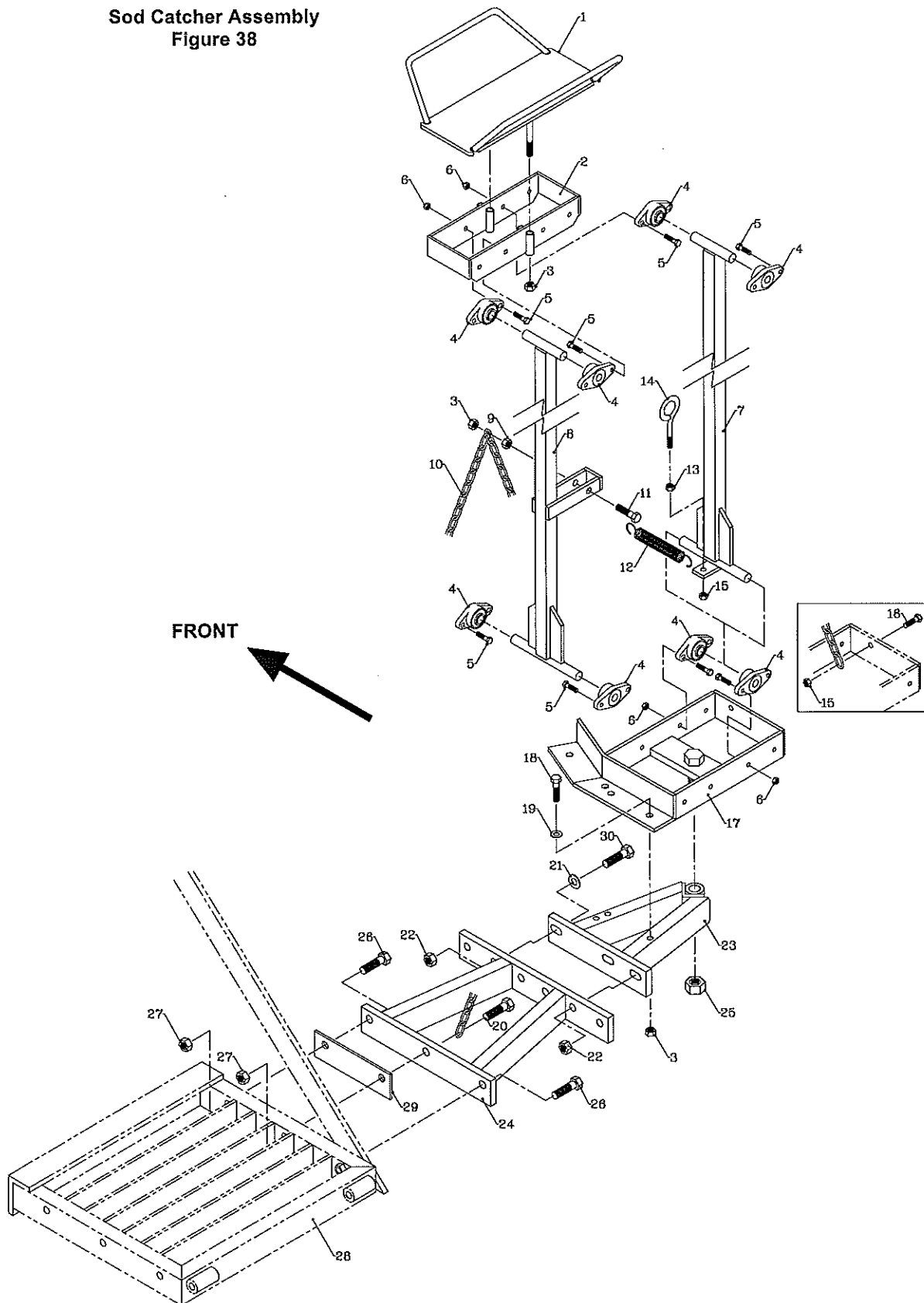
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| Sod Catcher Assembly | 11-2        |

A kit is available which contains all the items required to install a Sod Catcher.

SOD CATCHER INSTALLATION KIT: PART NO. A03559 (16/18") or A03560 (24")

Contains Sod Catcher and all necessary hardware

Sod Catcher Assembly  
Figure 38



# SOD CATCHER

## section 11

### Parts List for Figure 38

| Ref. | Part No. | Description                    | Quantity |
|------|----------|--------------------------------|----------|
|      | A03559   | ASSEMBLY, SOD CATCHER -16/18"  | 1        |
|      | A03560   | ASSEMBLY, SOD CATCHER -24"     | 1        |
| 1    | 002632   | BASKET, SOD CATCHER -16/18"    | 1        |
|      | 002647   | BASKET, SOD CATCHER -24"       | 1        |
| 2    | 001432   | FRAME, SOD CATCHER TOP         | 1        |
| 3    | F3013    | NUT, FLANGED STOVER LOCK       | 5        |
| 4    | B0002    | BEARING, FLANGE- 5/8 SET SCREW | 8        |
| 5    | 99-K27   | BOLT, FLANGE 1/4 X 1           | 16       |
| 6    | 99-E20   | FLANGE NUT, 1/4                | 16       |
| 7    | 001434   | SOD CATCHER ARM RH             | 1        |
| 8    | 001435   | SOD CATCHER ARM LH             | 1        |
| 9    | 92-06    | NUT, 3/8                       | 1        |
| 10   | 002238   | CHAIN, PIVOT                   | 1        |
| 11   | 90-0622  | BOLT, 3/8-16 X 2-3/4           | 1        |
| 12   | S2003    | SPRING, EXTENSION              | 1        |
| 13   | 92-05    | NUT, 5/16                      | 1        |
| 14   | F2706    | BOLT, EYE                      | 1        |
| 15   | F2014    | NUT, STOVER FLANGE 5/16        | 1        |
| 16   | 99-K02   | BOLT, FLANGE 5/16 X 1          | 1        |
| 17   | 001433   | FRAME, SOD CATCHER BOTTOM      | 1        |
| 18   | 90-0624  | BOLT, 3/8 X 3                  | 2        |
| 19   | 94-06    | FLAT WASHER, 3/8 USS           | 2        |
| 20   | 90-0724  | BOLT, 7/16 X 3                 | 1        |
| 21   | 94-08    | FLAT WASHER, 1/2               | 3        |
| 22   | 99-A08   | LOCKNUT, STOVER 1/2-13         | 3        |
| 23   | 002585   | SOD CATCHER UPPER BASE         | 1        |
| 24   | 6115713  | SOD CATCHER BASE               | 1        |
| 25   | 99-A12   | LOCKNUT, STOVER 3/4            | 1        |
| 26   | 90-0722  | BOLT, 7/16 X 2-3/4             | 1        |
| 27   | F4008    | NUT, FLANGED STOVER 7/16       | 2        |
| 28   | REF      | PLATFORM, MAIN (SEE FIGURE 1)  |          |
| 29   | 001715   | SHIM, PLATFORM BRACE           | 1        |
| 30   | 90-0814  | BOLT, 1/2-13 X 1-3/4           | 3        |

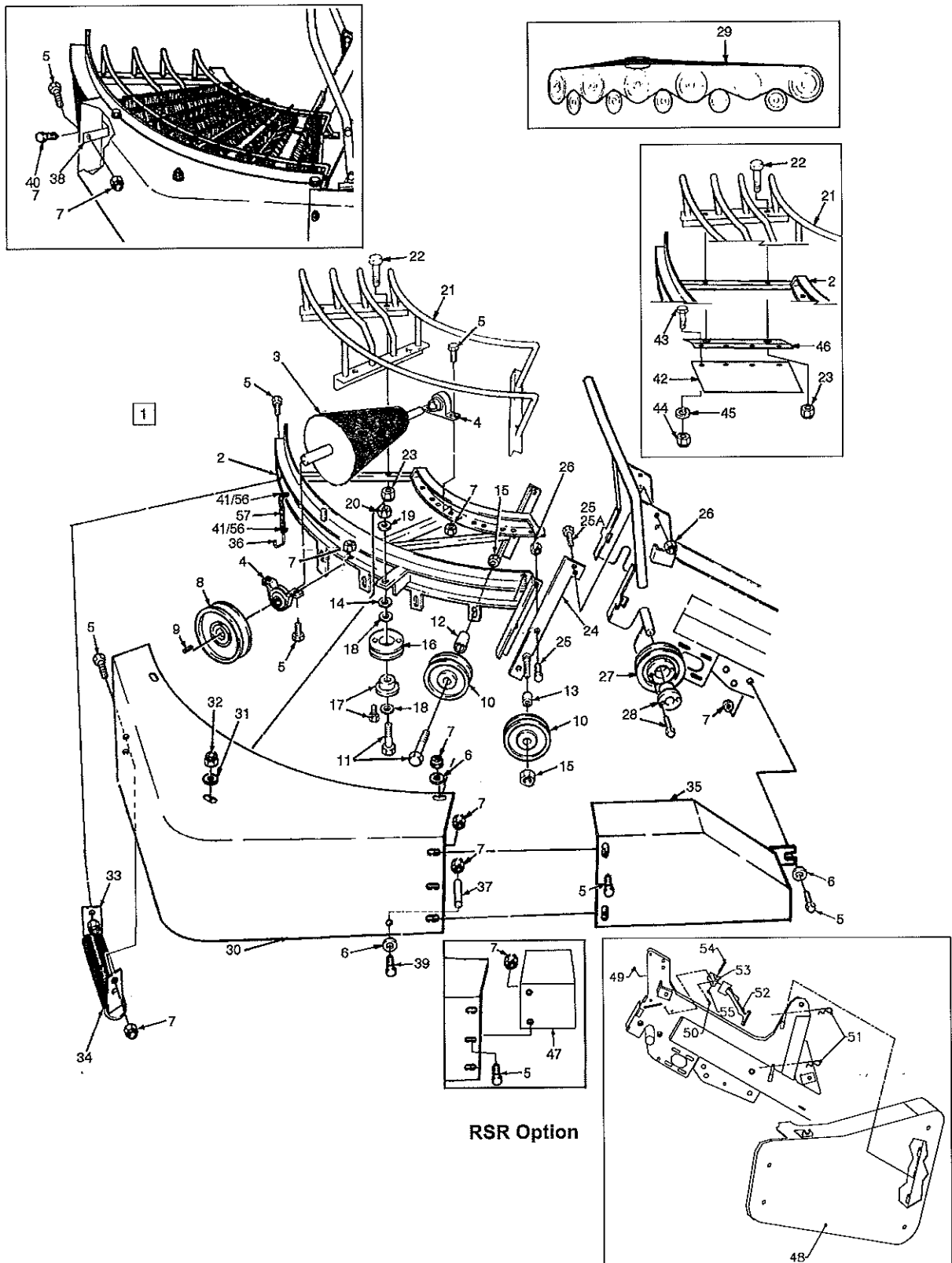


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# CURVED CONVEYOR

## section 12

Curved Conveyor, 16/18"  
Figure 39



# CURVED CONVEYOR

## section 12

Parts List for Figure 39

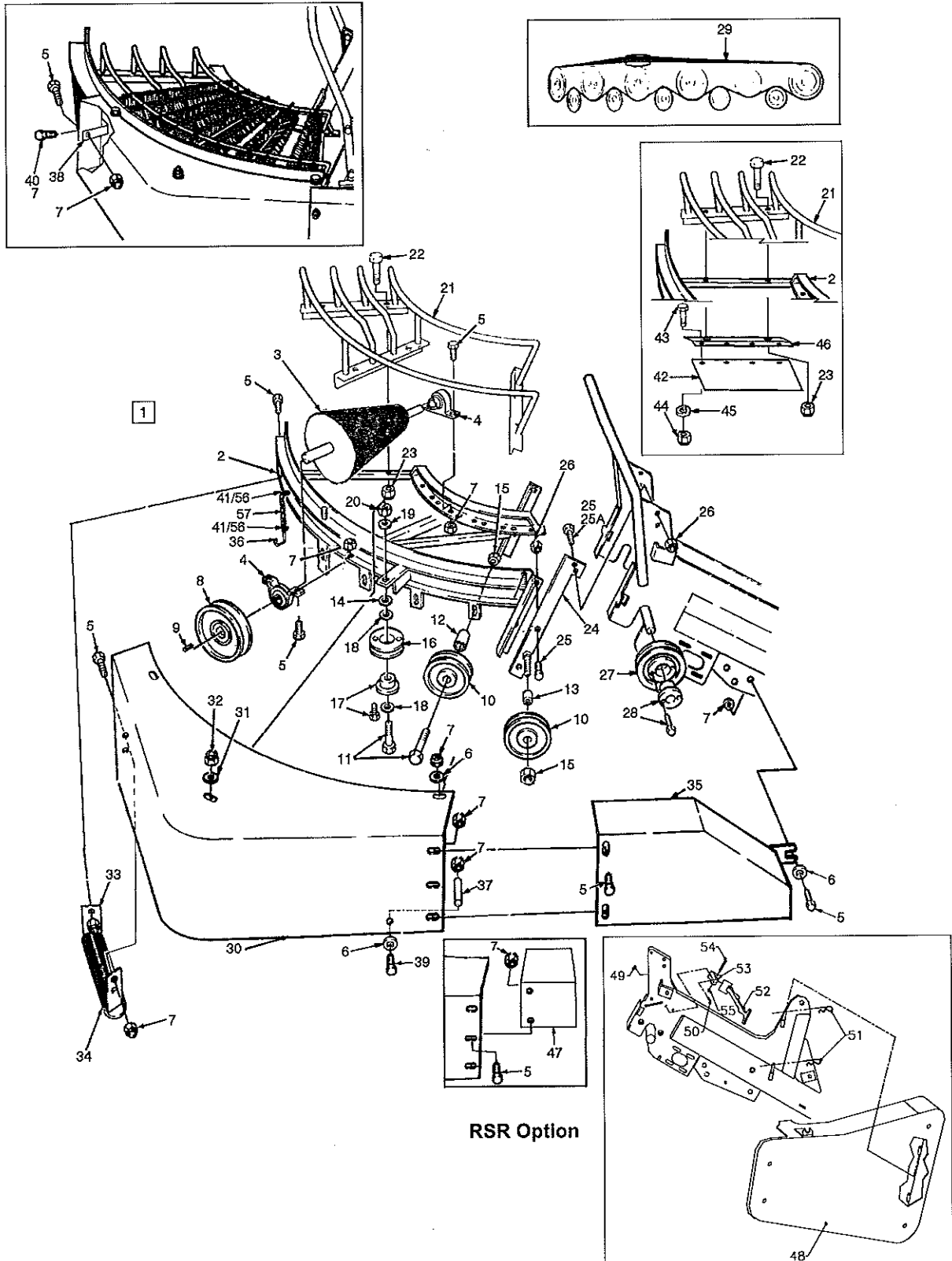
| Ref. | Part No.  | Description                           | Quantity |
|------|-----------|---------------------------------------|----------|
| 1    | A03287    | CURVED CONVEYOR ASSEMBLY              |          |
| 2    | 001949    | OUTER FRAME                           | 1        |
| 3    | 79-086    | ROLLER, TAPER BRUSH                   | 5        |
| 4    | B1002     | BEARING                               | 10       |
| 5    | 99-K19    | FLANGE BOLT, 5/16 X 3/4               | 28       |
|      | 99-K19    | FLANGE BOLT, 5/16 X 3/4 (RSR OPTION)  | 27       |
| 6    | F2056     | FLATWASHER, 5/16                      | 3        |
|      | F2056     | FLATWASHER, 5/16 (RSR OPTION)         | 2        |
| 7    | 99-E12    | FLANGE NUT, 5/16-18                   | 30       |
|      | 99-E12    | FLANGE NUT, 5/16-18 (RSR OPTION)      | 29       |
| 8    | 83-042    | SHEAVE, FIXED                         | 5        |
| 9    | 123324    | KEY, 3/16 X 3/16 X 1-1/2              | 5        |
| 10   | D2902     | SHEAVE, BELT IDLER                    | 5        |
| 11   | 90-0822   | BOLT, 1/2 X 2-3/4                     | 5        |
| 12   | 001955    | SPACER                                | 4        |
| 13   | 014113    | SPACER                                | 1        |
| 14   | 95-08     | FLATWASHER, 1/2 SAE                   | 2        |
| 15   | F5018     | NUT, FLANGED STOVER                   | 5        |
| 16   | D2302     | SHEAVE, TAPER LOCK                    | 1        |
| 17   | D3013     | BUSHING, SPLIT TAPER LOCK             | 1        |
| 18   | F5054     | WASHER, MACH. 1/2 X 7/8 X .032        | 2        |
| 19   | 94-08     | FLAT WASHER, 1/2                      | 1        |
| 20   | 99-E10    | JAM NUT, 1/2                          | 2        |
| 21   | 001950    | FRAME, INNER SOD SUPPORT              | 1        |
| 22   | 90-0412   | BOLT, 1/4 X 1 1/2                     | 4        |
| 23   | 99-E20    | FLANGE NUT, 1/4                       | 6        |
| 24   | 001024    | MOUNT, CURVED CONVEYOR RH             | 1        |
|      | 001025    | MOUNT, CURVED CONVEYOR LH             | 1        |
| 25   | 99-K22    | FLANGE BOLT, 3/8 X 1 1/4 (STANDARD)   | 8        |
|      | 99-K22    | FLANGE BOLT, 3/8 X 1 1/4 (RSR OPTION) | 4        |
| 25A  | 99-K73    | FLANGE BOLT, 3/8 X 1 1/2 (RSR OPTION) | 4        |
| 26   | F3013     | NUT, FLANGED STOVER LOCK              | 8        |
| 27   | 83-BK60H  | PULLEY, 6" H1 BUSHING                 | 1        |
|      | 83-BK6016 | PULLEY, 6", 1" BORE (RSR OPTION)      | 1        |
| 28   | 83-H16SPL | BUSHING                               | 1        |
| 29   | D2101     | BELT                                  | 1        |
| 30   | 001026    | GUARD, V-BELT REAR                    | 1        |
|      | 401257    | DECAL, BROUWER                        | 1        |
| 31   | 95-08     | FLAT WASHER, 1/2 SAE                  | 1        |
| 32   | F5012     | NUT, NYLON INSERT 1/2                 | 1        |
| 33   | 015299    | BRACKET, KNEE GUARD                   | 1        |
| 34   | 001399    | RUBBER SLEEVE                         | 1        |
| 35   | 016515    | GUARD W/A, FRONT                      | 1        |
| 36   | 002651    | HOOK                                  | 1        |
| 37   | 002044    | SHIELD SUPPORT, FRONT                 | 1        |
| 38   | 002045    | SHIELD SUPPORT, REAR                  | 1        |
| 39   | 90-0544   | BOLT, 5/16 X 5 1/2                    | 1        |
| 40   | 99-K28    | FLANGE BOLT, 5/16 X 1/2               | 1        |
| 41   | 99-K02    | FLANGE BOLT, 5/16 X 1                 | 2        |
| 42   | 002349    | RUBBER SHIELD                         | 1        |
| 43   | 99-K47    | BOLT, 1/4 X 3/4 BUTTON HEAD           | 4        |
| 44   | 99-A04    | LOCKNUT, STOVER 1/4                   | 4        |

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# CURVED CONVEYOR

## section 12

Curved Conveyor, 16/18"  
Figure 39



RSR Option

# CURVED CONVEYOR

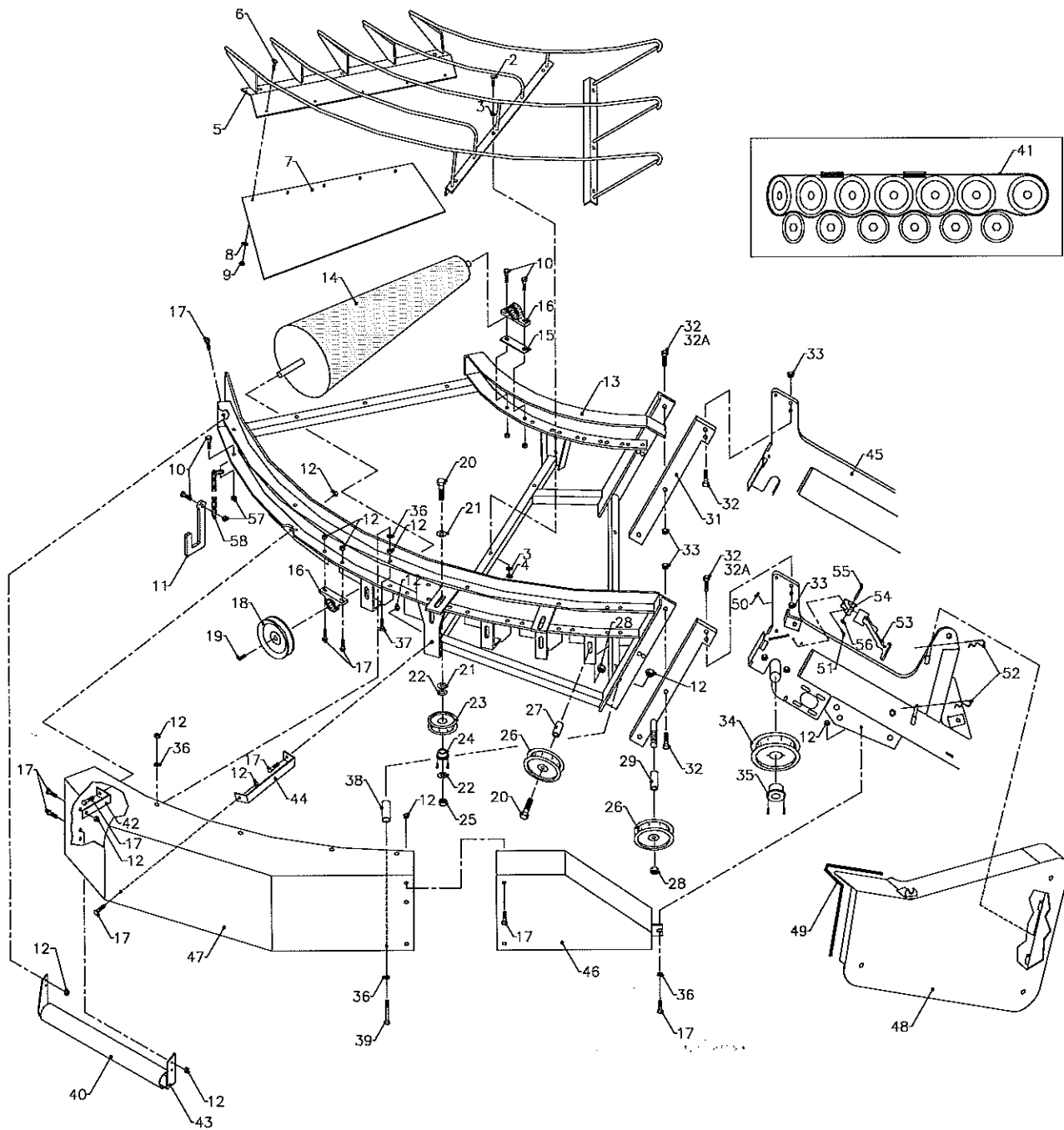
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### Parts List for Figure 39 (continued)

| Ref                                     | Part no. | Description                     | Quantity |
|-----------------------------------------|----------|---------------------------------|----------|
| 45                                      | 94-04    | FLAT WASHER, 1/4                | 4        |
| 46                                      | 002350   | RUBBER SHIELD CLAMP             | 1        |
| These items are used on the RSR Option: |          |                                 |          |
| 47                                      | 002437   | SHIELD, ROLL-UP DRIVE GUARD     | 1        |
| 48                                      | 002314   | CROSS CONV. ROLL-UP DRIVE GUARD | 1        |
|                                         | 401257   | DECAL, BROUWER                  | 1        |
| 49                                      | F0003    | LOCKNUT, NYLON #10-24           | 2        |
| 50                                      | F0301    | SCREW, MACHINE 10-24 X 3/4      | 2        |
| 51                                      | G2510    | PIN, HITCH CLIP                 | 2        |
| 52                                      | G8115    | HANDLE                          | 1        |
| 53                                      | G8116    | BRACKET                         | 1        |
| 54                                      | G8117    | STUD                            | 1        |
| 55                                      | G8119    | RETAINER                        | 1        |
| 56                                      | F2014    | NUT, STOVER FLANGE 5/16-18      | 2        |
| 57                                      | 002652   | CHAIN, HOOK                     | 1        |
| *                                       | 00-026   | DECAL, LUBE OIL SYMBOL          | 1        |

\* Not Illustrated

Curved Conveyor, 24"  
Figure 40



# CURVED CONVEYOR

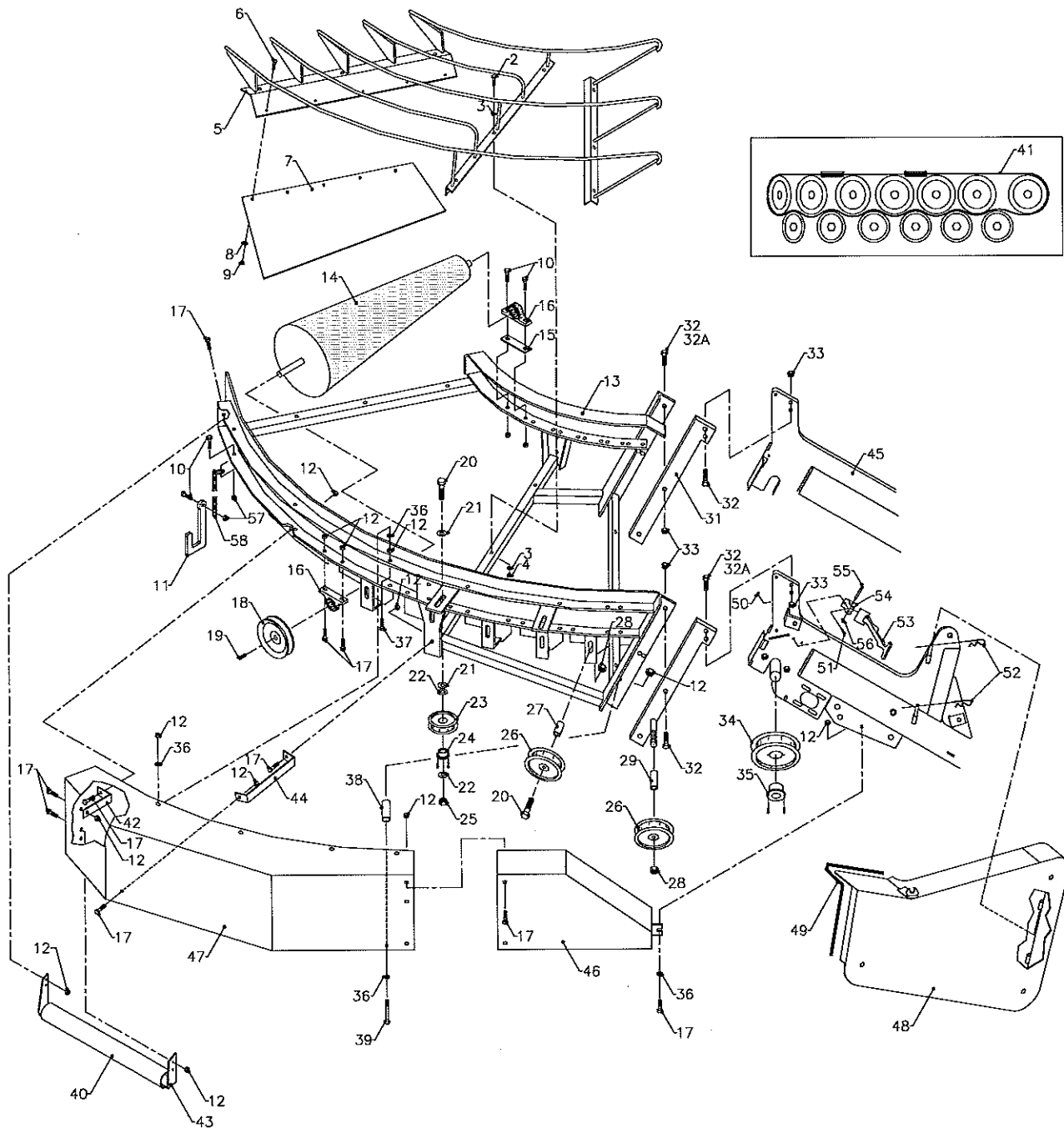
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Parts List for Figure 40

| Ref. | Part number | Description                                 | Quantity |
|------|-------------|---------------------------------------------|----------|
| 1    | A03292      | CURVED CONVEYOR ASSEMBLY, 24"               |          |
|      | A03293      | RSR OPTION, 24"                             |          |
| 2    | 90-0414     | BOLT, 1/4 X 1-3/4                           | 6        |
| 3    | 94-04       | FLAT WASHER, 1/4                            | 12       |
| 4    | 99-E20      | FLANGE NUT, 1/4                             | 6        |
| 5    | 002553      | FRAME, INNER SOD SUPPORT 24"                | 1        |
| 6    | 99-K47      | BOLT, 1/4 X 3/4 BUTTON HEAD                 | 5        |
| 7    | 002565      | RUBBER SHIELD                               | 1        |
| 8    | 99-B55      | WASHER, 9/32 ID X 1 1/4 OD X 10 ga.         | 5        |
| 9    | 99-A04      | LOCKNUT, STOVER 1/4                         | 5        |
| 10   | 99-K02      | BOLT, FLANGE 5/16 X 1                       | 14       |
| 11   | 002651      | HOOK                                        | 1        |
| 12   | 99-E12      | FLANGE NUT, 5/16-18                         | 39       |
| 13   | 002554      | FRAME, OUTER SOD SUPPORT 24"                | 1        |
| 14   | 79-116      | BRUSH, 24" TAPERED (SPIRAL)                 | 6        |
| 15   | 002559      | SHIM, BEARING SPACER                        | 6        |
| 16   | B1002       | BEARING, PILLOW BLOCK -5/8                  | 12       |
| 17   | 99-K19      | BOLT, FLANGE 5/16 X 3/4                     | 22       |
| 18   | 83-042      | PULLEY, 5/8" BORE W/3/16" KEYWAY            | 6        |
| 19   | 123316      | KEY, 3/16" X 3/16" X 1" LONG                | 6        |
| 20   | 90-0820     | BOLT, 1/2 X 2-1/2                           | 7        |
| 21   | 94-08       | FLAT WASHER, 1/2                            | 4        |
| 22   | F5054       | WASHER, MACH. 1/2 X 7/8 X .032              | 4        |
| 23   | D2302       | SHEAVE, TAPER LOCK BK40H                    | 2        |
| 24   | D3013       | BUSHING, SPLIT TAPER LOCK                   | 2        |
| 25   | F5012       | NUT, NYLON INSERT                           | 2        |
| 26   | D2902       | SHEAVE, BELT IDLER (RIVETED)                | 6        |
| 27   | 001955      | SPACER, SHEAVE IDLER                        | 5        |
| 28   | F5018       | NUT, FLANGED STOVER                         | 6        |
| 29   | 014113      | SPACER, SHEAVE IDLER                        | 1        |
| 30   | 001024      | MOUNT, CURVED CONVEYOR-RH                   | 1        |
| 31   | 001025      | MOUNT, CURVED CONVEYOR-LH                   | 1        |
| 32   | 99-K83      | BOLT, FLANGE 3/8 X 1-1/4 GR. 8              | 8        |
|      | 99-K83      | BOLT, FLANGE 3/8 X 1-1/4 GR. 8 (RSR OPTION) | 4        |
| 32A  | 99-K83      | BOLT, FLANGE 3/8 X 1-1/4 GR. 8 (RSR OPTION) | 4        |
| 33   | 99-E58      | NUT, FLANGED STOVER LOCK GR. 8              | 8        |
| 34   | 83-BK60H    | PULLEY, 6", H BUSHING                       | 1        |
|      | 83-BK6016   | PULLEY, 6", 1" BORE (RSR OPTION)            | 1        |
| 35   | 83-H16SPL   | BUSHING, H X 1" SPLIT TYPE                  | 1        |
| 36   | F2056       | WASHER, FLAT 5/16" ID                       | 10       |
| 37   | 99-K62      | BOLT, FLANGE 5/16 X 1-1/4                   | 4        |
| 38   | 002044      | SHIELD SUPPORT FRONT                        | 1        |
| 39   | 90-0544     | BOLT, 5/16 X 5-1/2                          | 1        |
| 40   | 001399      | RUBBER SLEEVE                               | 1        |
| 41   | 81-A136     | BELT, GATED A-136 HI-POWER                  | 1        |
| 42   | 002045      | SHEILD SUPPORT REAR                         | 1        |
| 43   | 015299      | BRACKET, KNEE GUARD                         | 1        |
| 44   | 002570      | SHIELD, SUPPORT MIDDLE                      | 1        |
| 45   | REF         | CONVEYOR FRAME                              |          |
| 46   | 016515      | GUARD, FRONT (STD. CURVED CONVEYOR ONLY)    | 1        |
| 47   | 002573      | SHIELD, BELT GUARD REAR                     | 1        |
|      | 401257      | DECAL, BROUWER                              | 1        |

Continued on next page

Curved Conveyor, 24"  
Figure 40



# **CURVED CONVEYOR**

## **section 12**

### Parts List for Figure 40 (continued)

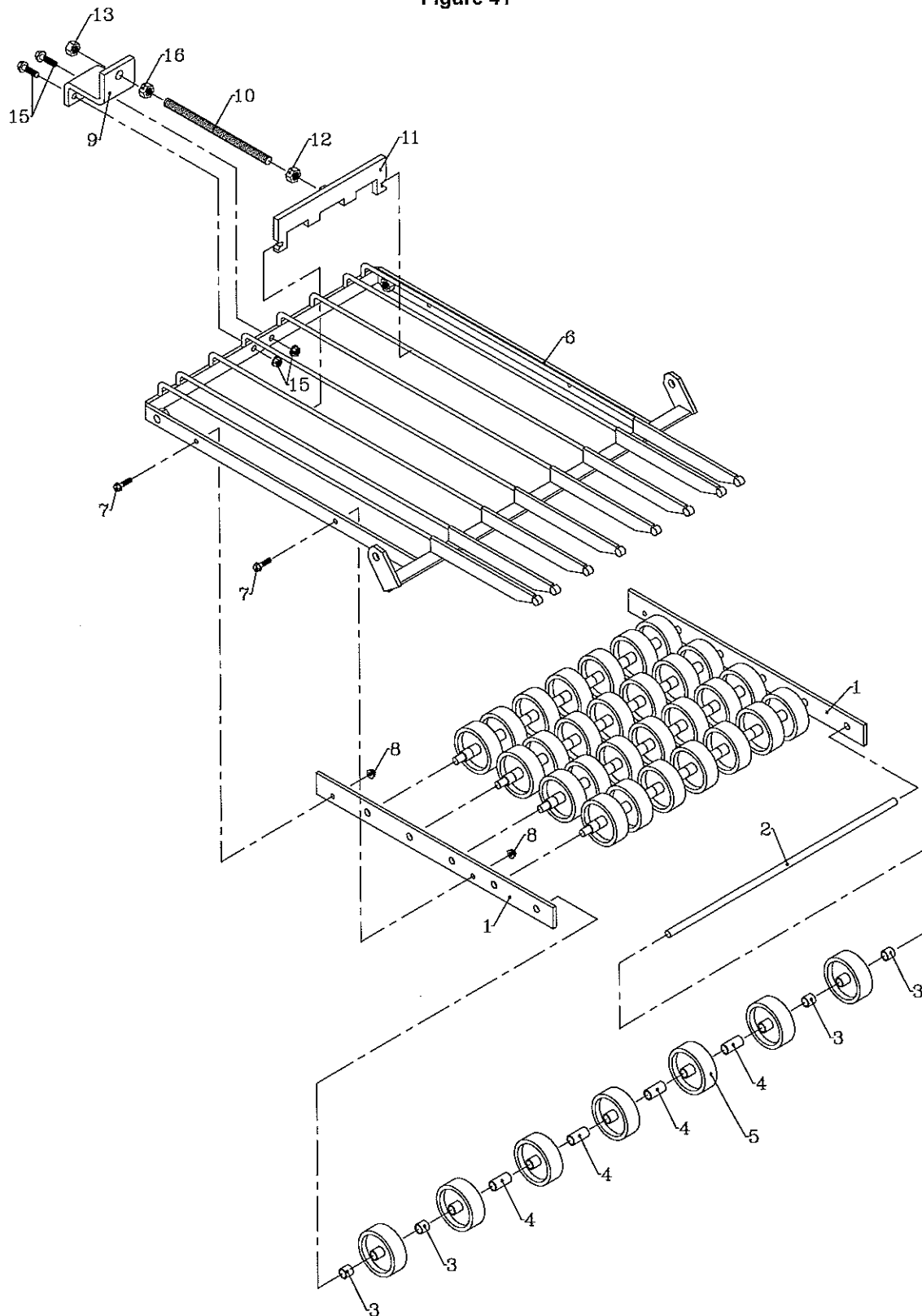
| <u>Ref.</u>                             | <u>Part number</u> | <u>Description</u>         | <u>Quantity</u> |
|-----------------------------------------|--------------------|----------------------------|-----------------|
| These items are used on the RSR Option: |                    |                            |                 |
| 48                                      | 002575             | GUARD, CHAIN ROLL-UP       | 1               |
|                                         | 401257             | DECAL, BROUWER             | 1               |
| 49                                      | 56-046             | TRIM, TRIM-LOC /FT.        | 1.66            |
| 50                                      | F0003              | LOCKNUT, NYLON #10-24      | 2               |
| 51                                      | F0301              | SCREW, MACHINE 10-24 X 3/4 | 2               |
| 52                                      | G2510              | PIN, HITCH CLIP            | 2               |
| 53                                      | G8115              | HANDLE                     | 1               |
| 54                                      | G8116              | BRACKET                    | 1               |
| 55                                      | G8117              | STUD                       | 1               |
| 56                                      | G8119              | RETAINER                   | 1               |
| 57                                      | F2014              | NUT, STOVER FLANGE 5/16-18 | 2               |
| 58                                      | 002652             | CHAIN, HOOK                | 1               |
| *                                       | 00-226             | DECAL, LUBE OIL SYMBOL     | 1               |

\* Not Illustrated



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| Roller Bed Assembly       | 13-2        |
| Main Frame: Upper Section | 13-4        |
| Main Frame: Lower Section | 13-6        |
| Folder Drive              | 13-8        |
| Folder Electrical System  | 13-10       |

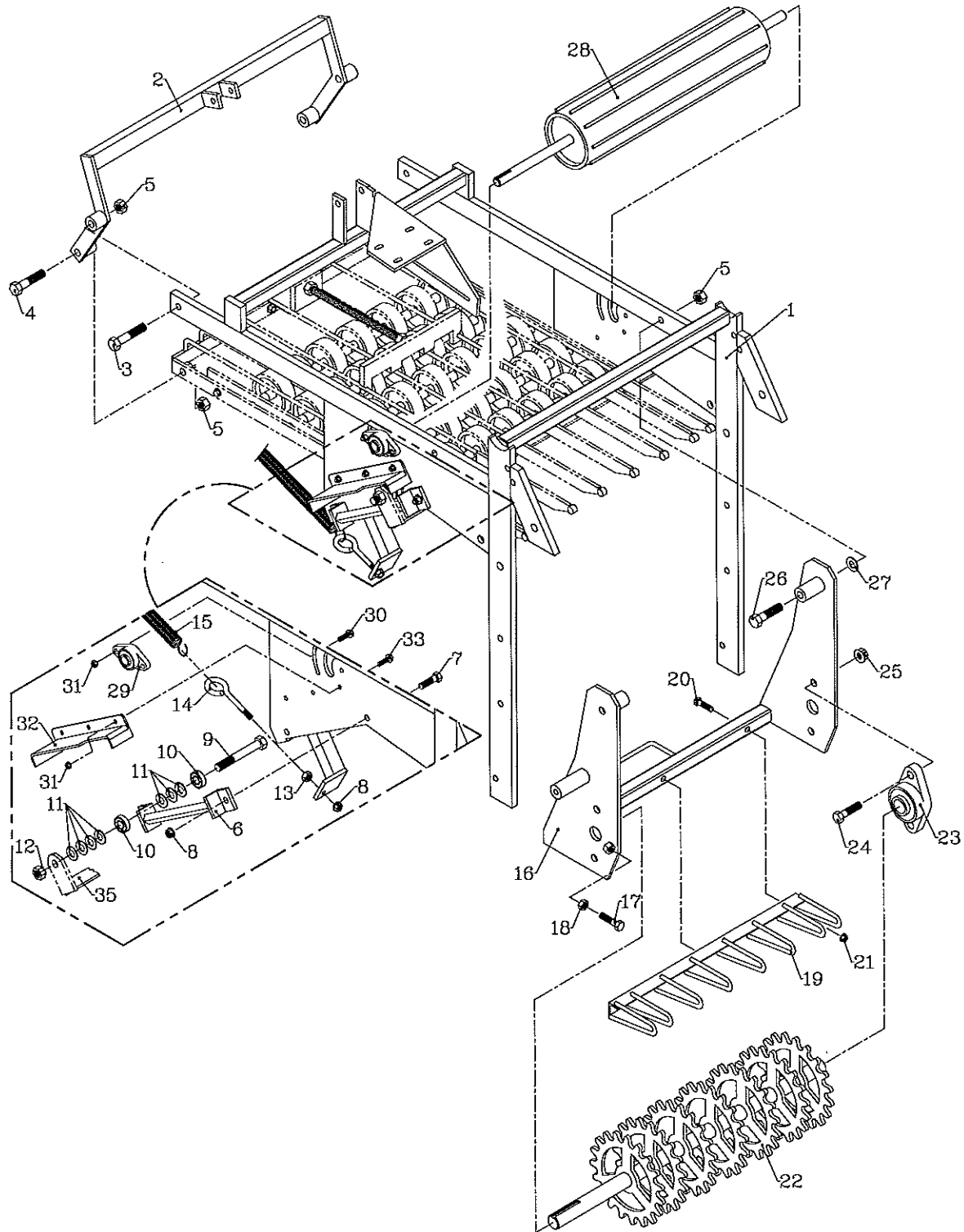
Roller Bed Assembly  
Figure 41



**Parts List for Figure 41**

| <b>Ref.</b> | <b>Part No.</b> | <b>Description</b>               | <b>Quantity</b> |
|-------------|-----------------|----------------------------------|-----------------|
|             | A03426          | ROLLER BED ASSEMBLY              | 1               |
| 1           | 015434          | PLATE, ROLLER SIDE               | 2               |
| 2           | 015435          | SHAFT, ROLLER                    | 5               |
| 3           | 015658          | SPACER                           | 20              |
| 4           | 015659          | SPACER                           | 20              |
| 5           | R0005           | WHEEL, NYLON 3" DIA. X 1/2" BORE | 35              |
| 6           | 001926          | GATE FOR FOLDER                  | 1               |
| 7           | 99-K27          | FLANGE BOLT, 1/4 X 1             | 4               |
| 8           | 99-E20          | FLANGE NUT, 1/4                  | 4               |
| 9           | 015919          | BRACKET, STOP- SOD               | 1               |
| 10          | 015920          | STUD, SOD STOP                   | 1               |
| 11          | 015918          | STOP, SOD                        | 1               |
| 12          | 99-E10          | JAM NUT, 1/2                     | 1               |
| 13          | 99-E41          | LOCKNUT, NYLON 1/2               | 1               |
| 14          | 99-K02          | FLANGE BOLT, 5/16 X 1            | 2               |
| 15          | 99-E12          | FLANGE NUT, 5/16                 | 2               |
| 16          | 92-08           | NUT, 1/2                         | 1               |

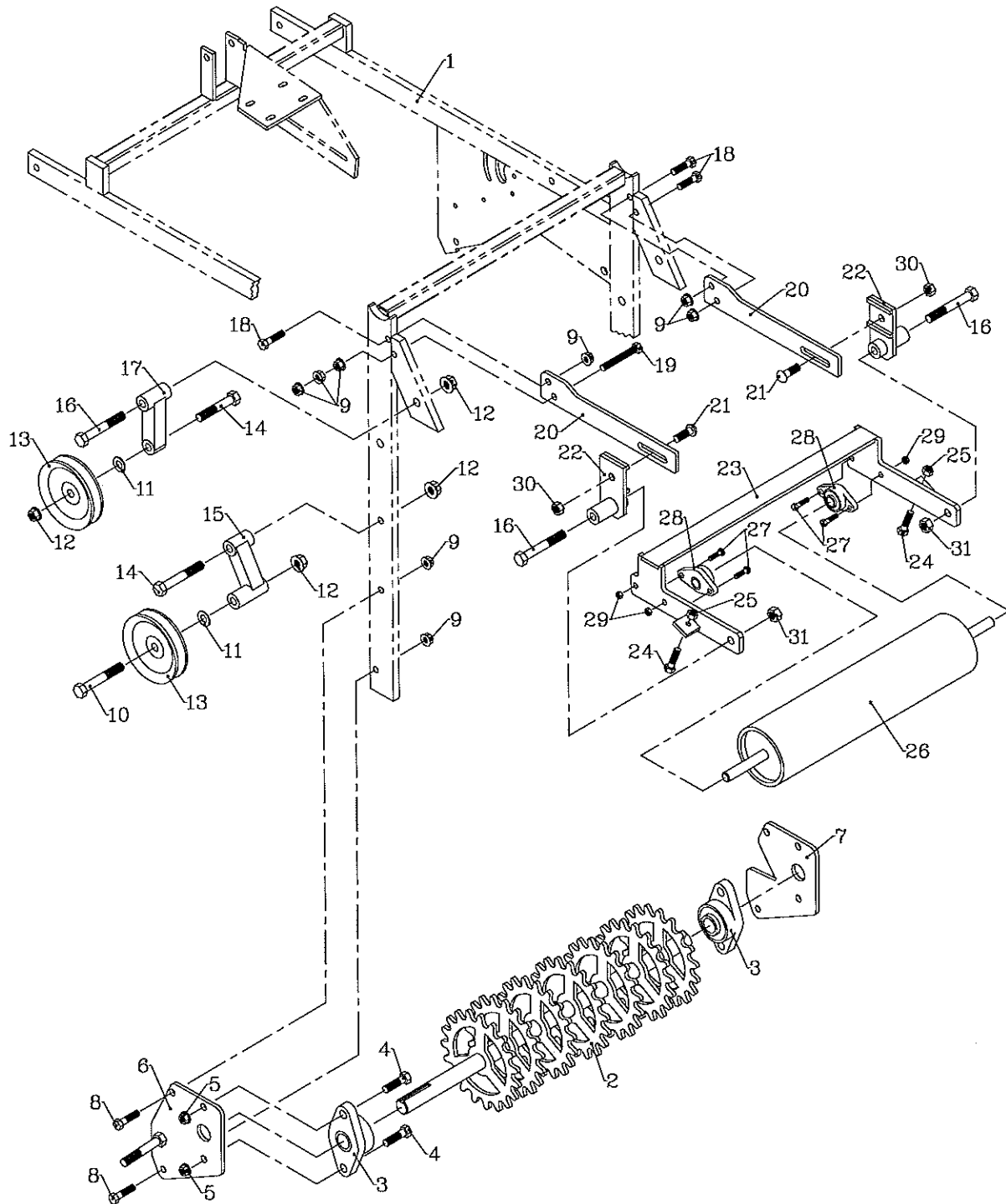
Main Frame: Upper Section  
Figure 42



**FOLDER****section 13****Parts List for Figure 42**

| <b>Ref.</b> | <b>Part No.</b> | <b>Description</b>             | <b>Quantity</b> |
|-------------|-----------------|--------------------------------|-----------------|
| 1           | 015948          | FRAME, FOLDER MAIN             | 1               |
| 2           | 015949          | FRAME, REAR HINGE              | 1               |
| 3           | 90-0818         | BOLT, 1/2 X 2-1/4              | 2               |
| 4           | 90-0820         | BOLT, 1/2 X 2-1/2              | 2               |
| 5           | F5011           | NUT, NYLON LOCK 1/2            | 6               |
| 6           | 001921          | RAIL                           | 2               |
| 7           | 90-0608         | BOLT, 3/8 X 1                  | 4               |
| 8           | 99-E13          | FLANGE NUT, 3/8                | 5               |
| 9           | 90-0816         | BOLT, 1/2 X 2                  | 2               |
| 10          | B2010           | BEARING, BALL 1/2 ID           | 4               |
| 11          | F4053           | WASHER, FLAT                   | 14              |
| 12          | 99-E41          | LOCKNUT, NYLON 1/2             | 2               |
| 13          | 99-E21          | JAM NUT, 3/8                   | 1               |
| 14          | F3728           | BOLT, EYE 3/8                  | 1               |
| 15          | S2028           | SPRING, EXTENSION              | 1               |
| 16          | 001927          | FRAME, REVERSING DRIVE HINGED  | 1               |
| 17          | 99-K33          | BOLT, 3/8 X 2 HEX TAP          | 2               |
| 18          | 99-E21          | JAM NUT, 3/8                   | 2               |
| 19          | 001928          | SOD STRIPPER                   | 1               |
| 20          | 90-0512         | BOLT, 5/16 X 1-1/2             | 3               |
| 21          | 99-E12          | FLANGE NUT, 5/16               | 3               |
|             | A03175          | ASSEMBLY, SPROCKET SHAFT       | 1               |
| 22          | 001929          | SHAFT, SPROCKET                | 1               |
| 23          | 55-FB23016      | BEARING, 2-BOLT FLANGE 1"      | 2               |
| 24          | 90-0710         | BOLT, 7/16 X 1-1/4             | 4               |
| 25          | 99-E48          | FLANGE NUT, 7/16               | 4               |
| 26          | 90-0824         | BOLT, 1/2 X 3                  | 2               |
| 27          | 94-08           | FLAT WASHER, 1/2               | 2               |
| 28          | 015430          | ROLLER, 4" RIBBED              | 1               |
| 29          | B0002           | BEARING, FLANGE:-5/8 SET SCREW | 2               |
| 30          | 99-K27          | FLANGE BOLT, 1/4 X 1           | 4               |
| 31          | 99-E20          | FLANGE NUT, 1/4                | 10              |
| 32          | 006713          | GUARD                          | 2               |
| 33          | 99-K26          | FLANGE BOLT, 1/4 X 3/4         | 6               |
| 34          | REF             | GATE FOR FOLDER                | 1               |

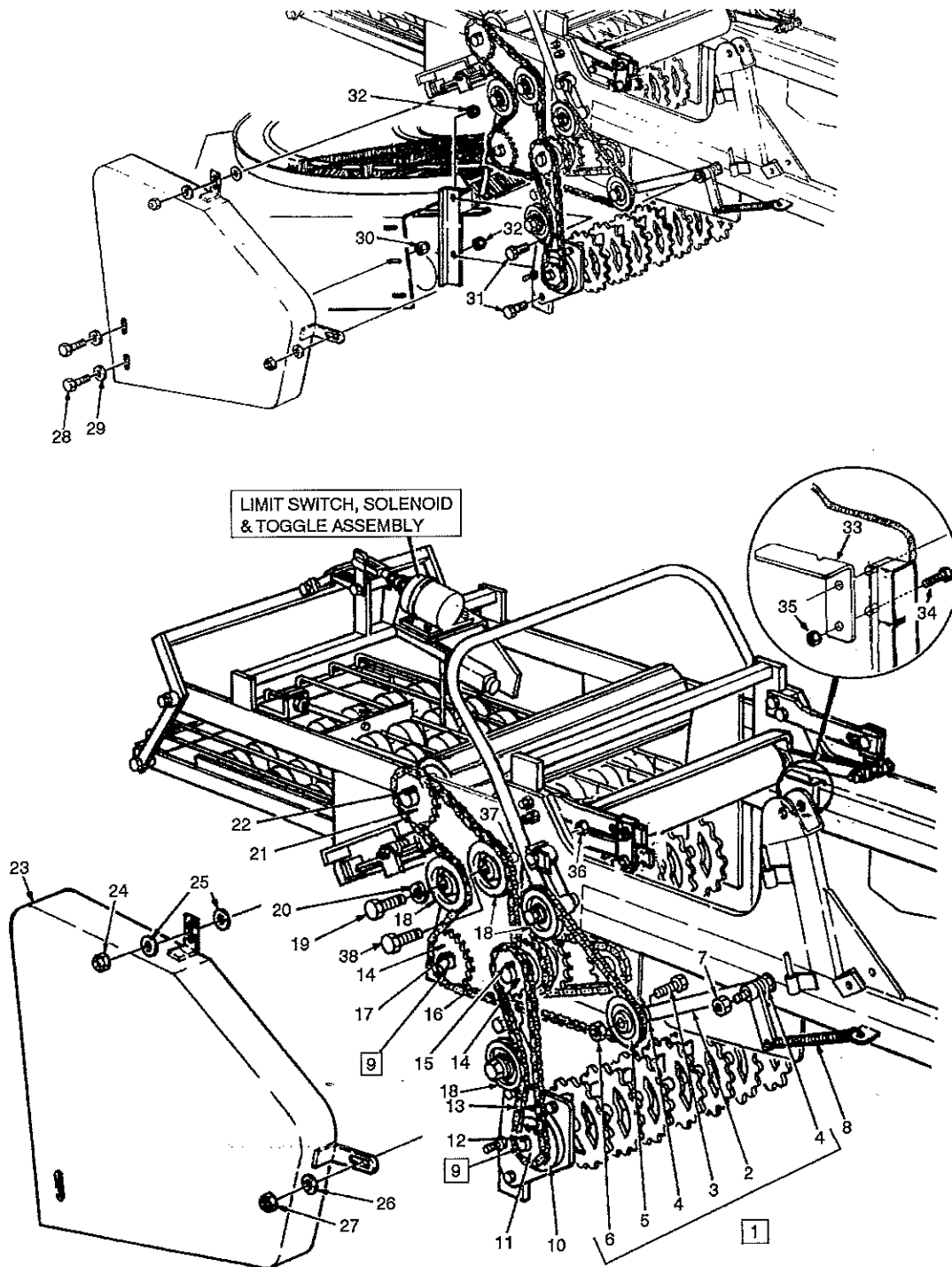
Main Frame: Lower Section  
Figure 43



Parts List for Figure 43

| Ref. | Part No.   | Description                      | Quantity |
|------|------------|----------------------------------|----------|
| 1    | REF        | FRAME, FOLDER MAIN               | 1        |
|      | A03175     | ASSEMBLY, SPROCKET SHAFT         | 1        |
| 2    | 001929     | SHAFT, SPROCKET                  | 1        |
| 3    | 55-FB23016 | BEARING, 2-BOLT FLANGE 1"        | 2        |
| 4    | 90-0710    | BOLT, 7/16 X 1-1/4               | 4        |
| 5    | 99-E48     | FLANGE NUT, 7/16                 | 4        |
| 6    | 001960     | PLATE, RH SIDE MOUNTING          | 1        |
| 7    | 001961     | PLATE, LH SIDE MOUNTING          | 1        |
| 8    | 90-0612    | BOLT, 3/8 X 1-1/2                | 4        |
| 9    | F3013      | NUT, FLANGED STOVER LOCK         | 10       |
| 10   | 90-0832    | BOLT, 1/2 X 4                    | 1        |
| 11   | 94-08      | FLAT WASHER, 1/2                 | 2        |
| 12   | F5018      | NUT, FLANGED STOVER              | 4        |
| 13   | D2902      | SHEAVE, BELT IDLER               | 2        |
| 14   | 90-0822    | BOLT, 1/2 X 2-3/4                | 2        |
| 15   | 001943     | MOUNT, BUSHING & IDLER PULLEY    | 1        |
| 16   | 90-0828    | BOLT, 1/2 X 3-1/2                | 3        |
| 17   | 001942     | SUPPORT, BUSHING & IDLER         | 1        |
|      | 29-010     | GREASE FITTING, 1/4              | 1        |
| 18   | 90-0612    | BOLT, 3/8 X 1-1/2                | 3        |
| 19   | 99-K68     | BOLT, 3/8 X 2-1/4                | 1        |
| 20   | 016816     | PLATE, RUNNER                    | 2        |
| 21   | F4101      | BOLT, CARRIAGE 7/16 X 1-1/4      | 2        |
| 22   | 016814     | HINGE, PRESSURE ROLLER ADJUSTING | 2        |
|      | 29-010     | GREASE FITTING, 1/4              | 1        |
| 23   | 001911     | FRAME, PRESSURE ROLLER           | 1        |
| 24   | F3748      | BOLT, RUBBER HEAD 3/8            | 2        |
| 25   | 92-06      | NUT, 3/8                         | 2        |
| 26   | 001910     | ROLLER, PRESSURE                 | 1        |
| 27   | 99-K27     | FLANGE BOLT, 1/4 X 1             | 4        |
| 28   | B0002      | BEARING, FLANGE 5/8 SET SCREW    | 2        |
| 29   | 99-E39     | LOCKNUT, NYLON 1/4               | 4        |
| 30   | F4008      | LOCKNUT, STOVER FLANGE 7/16      | 2        |
| 31   | F5011      | NUT, NYLON LOCK 1/2 THIN         | 2        |

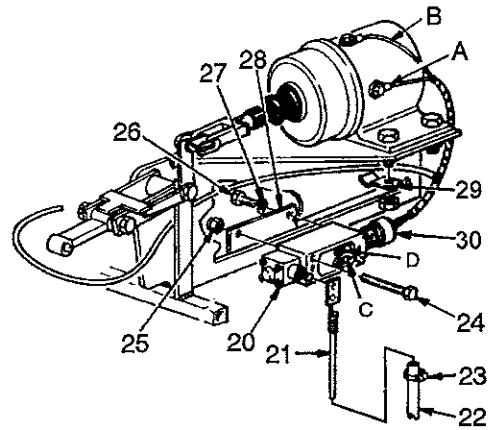
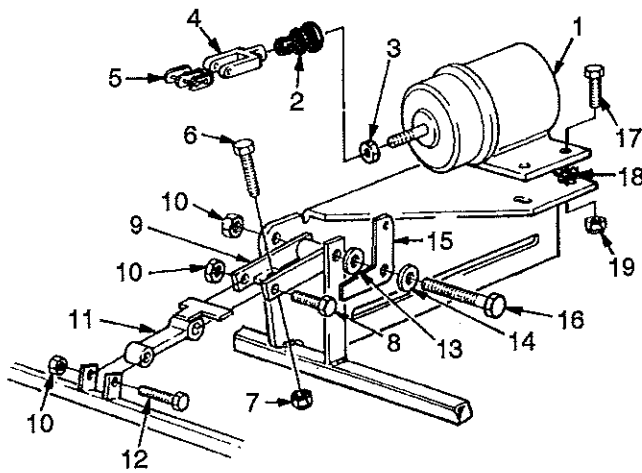
Folder Drive  
Figure 44



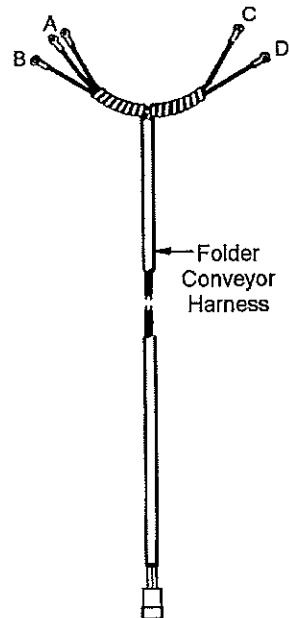
**Parts List for Figure 44**

| <b>Ref.</b> | <b>Part No.</b> | <b>Description</b>                 | <b>Quantity</b> |
|-------------|-----------------|------------------------------------|-----------------|
| 1           | A03032          | ASSEMBLY, ROLLUP CHAIN IDLER ARM   | 1               |
| 2           | 001375          | ROLLUP DRIVE IDLER ARM             | 1               |
|             | 29-010          | GREASE FITTING, 1/4                | 1               |
| 3           | 90-0816         | BOLT, 1/2 X 2                      | 1               |
| 4           | 94-08           | FLAT WASHER, 1/2                   | 1               |
| 5           | D2902           | SHEAVE, BELT IDLER                 | 1               |
| 6           | F5018           | NUT, FLANGED STOVER                | 1               |
| 7           | F5012           | NUT, NYLON INSERT                  | 1               |
| 8           | 41-047          | SPRING, EXT. 0.765 X 6.813         | 1               |
| 9           | A03175          | ASSEMBLY, SPROCKET SHAFT           | 1               |
| 10          | 83-BK50H        | PULLEY, 5", H1 BUSHING             | 1               |
| 11          | D1106           | SPROCKET, FIXED #40 X 16 X 1" BORE | 1               |
| 12          | 124432          | KEY, 1/4 X 1/4 X 2                 | 1               |
| 13          | Q8008           | #40 ROLLER CHAIN                   | 1               |
| 14          | D1117           | SPROCKET, FIXED #40 X 21T          | 3               |
| 15          | 124458          | KEY, 1/4 X 1/4 X 3-5/8             | 1               |
| 16          | Q8008           | #40 ROLLER CHAIN                   | 1               |
| 17          | 124422          | KEY, 1/4 X 1/4 X 1-3/8             | 1               |
| 18          | D2902           | SHEAVE, BELT IDLER                 | 4               |
| 19          | 90-0816         | BOLT, 1/2 X 2                      | 2               |
| 20          | 96-08           | LOCK WASHER, 1/2                   | 2               |
| 21          | D1403           | SPROCKET, TAPER LOCK #40 X 17T     | 1               |
|             | D3014           | BUSHING, H X 5/8                   | 1               |
| 22          | 85-K0310        | KEY, 3/16 X 3/16 X 1-1/4           | 1               |
| 23          | 015940          | GUARD, FOLDER DRIVE                | 1               |
| 24          | 99-E40          | LOCKNUT, NYLON 3/8                 | 1               |
| 25          | 94-06           | FLAT WASHER, 3/8                   | 2               |
| 26          | 94-08           | FLAT WASHER, 1/2                   | 1               |
| 27          | F5012           | NUT, NYLON INSERT                  | 1               |
| 28          | 90-0508         | BOLT, 5/16 X 1                     | 2               |
| 29          | 94-05           | FLAT WASHER, 5/16                  | 2               |
| 30          | 99-E12          | FLANGE NUT, 5/16                   | 2               |
| 31          | 90-0612         | BOLT, 3/8 X 1-1/2                  | 4               |
| 32          | 99-E13          | FLANGE NUT, 3/8                    | 4               |
| 33          | 016808          | BRACKET, LEFT STOP                 | 1               |
|             | 016809          | BRACKET, RIGHT STOP                | 1               |
| 34          | 99-K19          | FLANGE BOLT, 5/16 X 3/4            | 4               |
| 35          | 99-E12          | FLANGE NUT 5/16                    | 4               |
| 36          | F5018           | NUT, FLANGED STOVER 1/2            | 1               |
| 37          | 002613          | SPACER, STAND OFF                  | 1               |
| 38          | 90-0830         | BOLT, 1/2 X 3-3/4                  | 1               |

Folder Electrical System  
Figure 45



See electrical section for wiring schematic.



Parts List for Figure 45

| Ref. | Part No.  | Description                    | Quantity |
|------|-----------|--------------------------------|----------|
| 1    | J9554     | SOLENOID                       | 1        |
| 2    | J9555     | BOOT, FOR J9554                | 1        |
| 3    | 93-04     | NUT, 1/4                       | 1        |
| 4    | 43-Y0404F | YOKE END, 1/4 FEMALE THREAD    | 1        |
| 5    | 81-024    | CONNECTOR LINK #60             | 1        |
| 6    | 90-0610   | BOLT, 3/8 X 1-1/4              | 1        |
| 7    | 92-06     | NUT, 3/8                       | 1        |
| 8    | 90-0820   | BOLT, 1/2 X 2-1/2              | 1        |
| 9    | 015926    | TOGGLE                         | 1        |
| 10   | F5012     | NUT, NYLON INSERT              | 3        |
| 11   | 015927    | TOGGLE ARM                     | 1        |
| 12   | 90-0818   | BOLT, 1/2 X 2-1/4              | 1        |
| 13   | F5054     | WASHER, MACH. 1/2 X 7/8 X .032 | 1        |
| 14   | 94-08     | FLAT WASHER, 1/2               | 1        |
| 15   | 015921    | LEVER, TRIP                    | 1        |
| 16   | 90-0828   | BOLT, 1/2 X 3-1/2              | 1        |
| 17   | 99-K26    | FLANGE BOLT, 1/4 X 3/4         | 4        |
| 18   | 94-04     | FLAT WASHER, 1/4               | A/R      |
| 19   | 99-E20    | FLANGE NUT, 1/4                | 4        |
| 20   | J0005     | SWITCH, LIMIT                  | 1        |
| 21   | 015933    | MOD, WOBBLE STICK              | 1        |
| 22   | 015934    | HOSE, WOBBLE STICK             | 1        |
| 23   | G8059     | CLAMP, HOSE- 1/4 MIN.-5/8 MAX. | 1        |
| 24   | F0320     | SCREW, MACHINE #10 X 2-1/4     | 2        |
| 25   | F0003     | NUT, NYLON INSERT              | 2        |
| 26   | 01-021    | SCREW, MACHINE #10 X 3/4       | 2        |
| 27   | 01-018    | WASHER, LOCK #10               | 2        |
| 28   | 015923    | BRACKET, MTG.- LIMIT SWITCH    | 1        |
| 29   | G8006     | CABLE CLAMP                    | 1        |
| 30   | J2547     | CONNECTOR, CAB TIRE            | 1        |
| *    | 30-037    | WIRE TIE, T50R 3/16 X 7-3/4    | 6        |

\* Not Illustrated

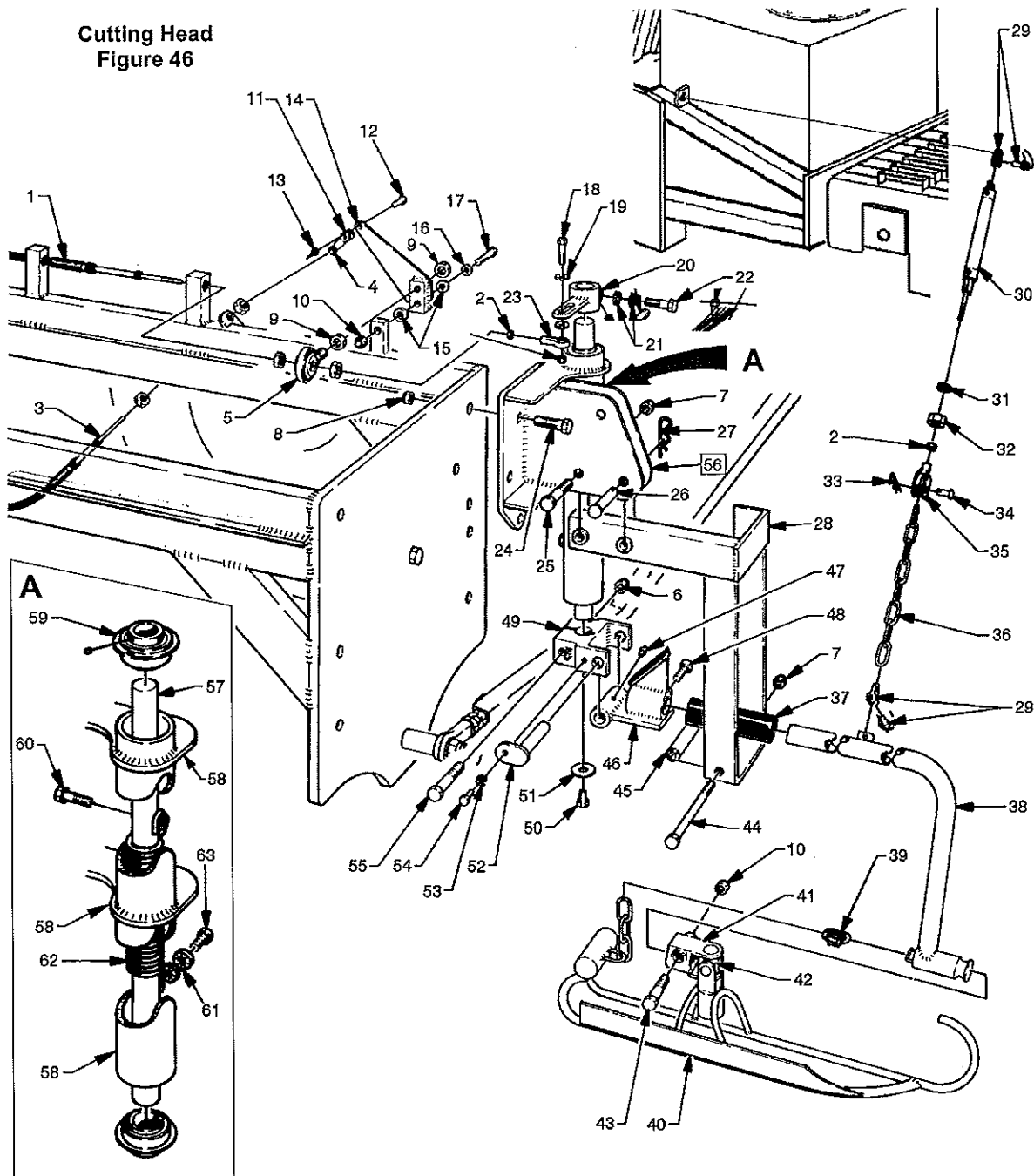


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| Tractor Section      | 14-4 |
| Valve Assemblies     | 14-8 |

A kit is available which contains all the items required to install Autosteer on 2WD or 4WD machines. Kit numbers are as follows:

For 2-wheel drive units  
Part No. 6115341

For 4-wheel drive units  
Part No. 6115339



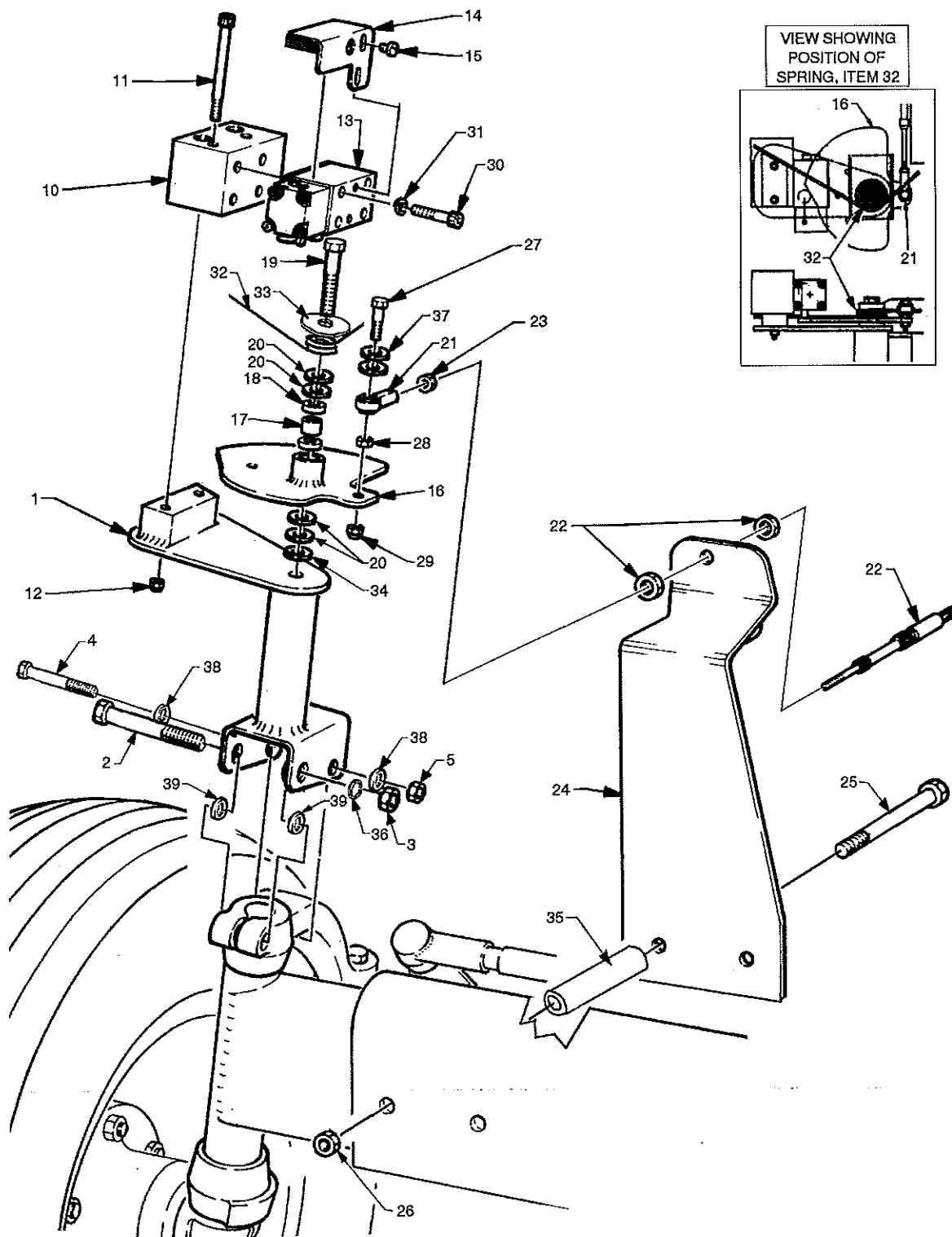
**Parts List for Figure 46**

| Ref | Part no. | Description             | Quantity |
|-----|----------|-------------------------|----------|
| 1   | M5270    | CABLE, PUSH/PULL        | 1        |
| 2   | F1006    | NUT, JAM 1/4 NF         | 1        |
| 3   | M5272    | CABLE, MICRO ADJUSTABLE | 1        |
| 4   | 01-013   | NUT, #10                | 1        |
| 5   | M0302    | BALL END, RH            | 1        |
| 6   | 99-E41   | LOCKNUT, NYLON 1/2      | 1        |
| 7   | F5018    | NUT, STOVER FLANGE 1/2  | 2        |
| 8   | 99-E37   | NUT, FLANGE 1/2         | 3        |
| 9   | 99-E11   | JAM NUT, 5/8 NF         | 2        |

Parts List for Figure 46 (continued)

| Ref. | Part No.  | Description                      | Quantity |
|------|-----------|----------------------------------|----------|
| 10   | 99-E40    | LOCKNUT, NYLON 3/8               | 2        |
| 11   | 43-Y0303F | YOKE, CLEVIS                     | 1        |
| 12   | 03-0305   | CLEVIS PIN                       | 1        |
| 13   | 02-CP0204 | COTTER PIN 1/16 X 1/2            | 1        |
| 14   | 016530    | CABLE ARM                        | 1        |
| 15   | 301691    | FRICTION WASHER                  | 2        |
| 16   | 94-06     | FLAT WASHER, 3/8                 | 1        |
| 17   | 90-0616   | BOLT, 3/8 X 2                    | 1        |
| 18   | 90-0410   | BOLT, 1/4 X 1-1/4                | 1        |
| 19   | 94-04     | FLAT WASHER, 1/4                 | 2        |
| 20   | 016469    | TOP LINKAGE ARM                  | 1        |
| 21   | F3076     | WASHER, DISC LOCK-3/8            | 1        |
| 22   | 90-0612   | BOLT, 3/8 X 1-1/2                | 1        |
| 23   | 43-004A   | ROD END, 1/4                     | 1        |
| 24   | 90-0814   | BOLT, 1/2 X 1-3/4                | 3        |
| 25   | 90-0822   | BOLT, 1/2 X 2-3/4                | 1        |
| 26   | 03-0820   | PIN, CLEVIS 1/2"                 | 1        |
| 27   | G2503     | PIN, HITCH CLIP                  | 1        |
| 28   | 016428    | GUIDE, AUTOSTEER SHOE            | 1        |
| 29   | G8048     | SHACKLE, ANCHOR 3/16"            | 2        |
| 30   | 23-152    | CYLINDER, HYDRAULIC 7/8 X 5      | 1        |
|      | E3043     | SEAL KIT, PISTON                 | 1        |
|      | E3044     | SEAL, END                        | 1        |
| 31   | E8024     | SEAL, ROD WIPER                  | 1        |
| 32   | 016310    | RETAINER NUT                     | 1        |
| 33   | G2510     | PIN, HITCH CLIP                  | 1        |
| 34   | 03-0406   | CLEVIS PIN, 1/4 X 3/4            | 1        |
| 35   | 43-Y0404F | YOKE END, 1/4 FEMALE             | 1        |
| 36   | 016060    | CHAIN, AUTOSTEER RESET CYLINDER  | 1        |
| 37   | 016114    | BUMPER, POLYPIPE                 | 1        |
| 38   | 015110    | SHOE ARM                         | 1        |
| 39   | G8084     | QUICK LINK, 3/16                 | 1        |
| 40   | A21175    | AUTOSTEER SHOE                   | 1        |
| 41   | D0004     | CLAMP YOKE                       | 1        |
|      | F3602     | SET SCREW, 3/8 X 1/2 SQUARE HEAD | 1        |
| 42   | D0008     | KIT, JOURNAL                     | 1        |
| 43   | 90-0614   | BOLT, 3/8 X 1-3/4                | 1        |
| 44   | 90-0860   | BOLT, 1/2 X 7-1/2                | 1        |
| 45   | 016417    | ROLLER                           | 1        |
| 46   | 015061    | SHOE ARM SUPPORT                 | 1        |
|      | 016657    | BUMPER, RUBBER                   | 1        |
| 47   | 29-045    | FITTING, GREASE                  | 1        |
| 48   | F3603     | SET SCREW, 3/8 X 3/4 SQUARE HEAD | 2        |
| 49   | 015102    | PIVOT, SHOE ARM                  | 1        |
| 50   | 99-K11    | BOLT, FLANGE 3/8 X 3/4           | 1        |
| 51   | 99-B16    | WASHER, FENDER 3/8 X 1-1/2       | 1        |
| 52   | 015059    | SHOE ARM SUPPORT PIVOT PIN       | 1        |
| 53   | 96-04     | LOCKWASHER, 1/4                  | 1        |
| 54   | 90-0404   | BOLT, 1/4 X 1/2                  | 1        |
| 55   | 90-0824   | BOLT, 1/2 X 3                    | 1        |
| 56   | A03586    | ASSEMBLY, SHOE COLUMN            | 1        |
| 57   | 016498    | SHAFT, SHOE COLUMN               | 1        |
| 58   | 016418    | COLUMN, AUTOSTEER                | 1        |
| 59   | B2022     | BEARING, BALL                    | 2        |
| 60   | 99-K73    | BOLT, FLANGE 3/8 X 1-1/2         | 1        |
| 61   | F3076     | WASHER, DISC LOCK 3/8            | 1        |
| 62   | 015099    | SPRING, SHOE COLUMN              | 1        |
| 63   | 90-0606   | BOLT, 3/8 X 3/4                  | 1        |

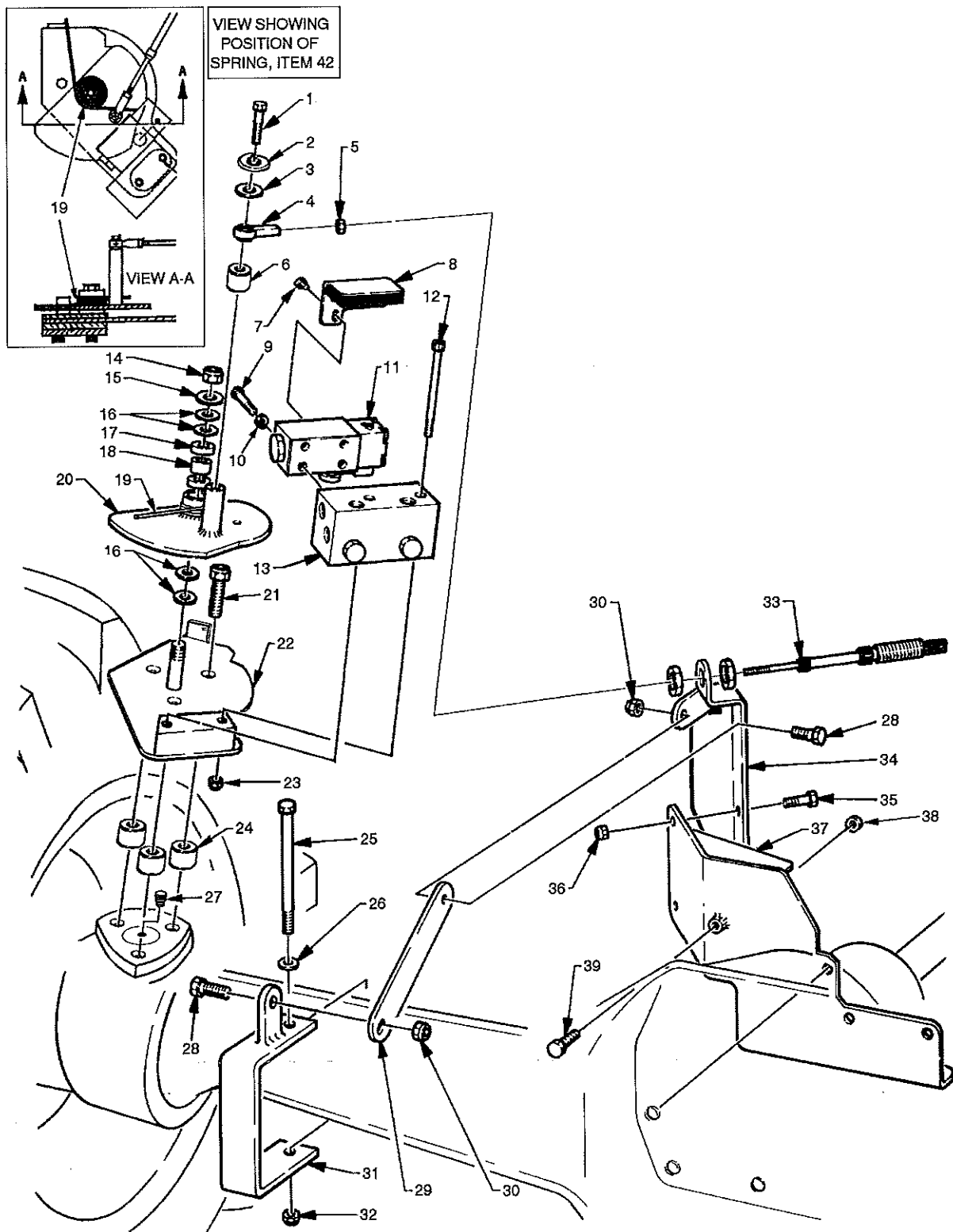
Autosteer 2 Wheel Drive  
Figure 47



**Parts List for Figure 47**

| <b>Ref.</b> | <b>Part No.</b> | <b>Description</b>                       | <b>Quantity</b> |
|-------------|-----------------|------------------------------------------|-----------------|
| 1           | 002073          | MOUNT, SENSOR VALVE                      | 1               |
| 2           | 90-0932         | BOLT, 9/16 x 4                           | 1               |
| 3           | 99-E54          | NUT, 9/16 GR. 8                          | 1               |
| 4           | 90-0732         | BOLT, 7/16 X 4                           | 1               |
| 5           | F4008           | NUT, STOVER FLANGE 7/16                  | 1               |
| 10          | H4085           | STEERING MANIFOLD                        | 1               |
| 11          | F1735           | SCREW, HEX SOC. CAP                      | 2               |
| 12          | 99-E39          | LOCKNUT, NYLON 1/4                       | 2               |
| 13          | 23-142          | VALVE, AUTOSTEER SENSOR (SEE PAGE 14-12) | 1               |
|             | E3034           | SEAL KIT                                 | 1               |
|             | H4095           | END CAP KIT                              | 1               |
|             | H4045           | ROLLER LEVER                             | 1               |
| 14          | 016664          | COVER, VALVE                             | 1               |
|             | 016663          | SEAL, FOAM                               | 1               |
| 15          | REF             | SCREW, M4 X .7 ISO M X 6.5 MM            | 2               |
| 16          | A03572          | ASSY, AUTOSTEER CAM 2WD                  | 1               |
| 17          | 015256          | SPACER, SENSOR PIVOT                     | 1               |
| 18          | B2010           | BEARING, BALL 1/2                        | 2               |
| 19          | 90-0820         | BOLT, 1/2 X 2-1/2                        | 1               |
| 20          | F5054           | FLAT WASHER, 1/2                         | 4               |
| 21          | 43-004A         | ROD END, 1/4                             | 1               |
| 22          | M5270           | CABLE, PUSH/PULL                         | 1               |
| 23          | F1006           | NUT, JAM 1/4                             | 1               |
| 24          | 002082          | ANCHOR BRACKET                           | 1               |
| 25          | 90-1240         | BOLT, 3/4 X 5                            | 2               |
| 26          | 99-E43          | LOCKNUT, NYLON 3/4                       | 2               |
| 27          | 90-0412         | BOLT, 1/4 X 1-1/2                        | 1               |
| 28          | 92-04           | NUT, 1/4                                 | 1               |
| 29          | 99-E39          | LOCKNUT, NYLON 1/4                       | 1               |
| 30          | 99-24           | BOLT, #10-24 X 1-1/4 (WITHOUT SPACER)    | 4               |
| 31          | 01-018          | LOCK WASHER, #10                         | 4               |
| 32          | 016796          | SPRING, AUTOSTEER BACKLASH 2WD           | 1               |
| 33          | F6053           | WASHER, 1/2 ID X 2-1/2 OD                | 1               |
| 34          | 95-08           | FLAT WASHER, 1/2 SAE                     | A/R             |
| 35          | 002060          | SPACER                                   | 2               |
| 36          | 96-09           | LOCK WASHER, 9/16                        | 1               |
| 37          | 94-04           | FLAT WASHER, 1/4                         | 2               |
| 38          | 94-06           | FLAT WASHER, 3/8                         | 2               |
| 39          | F6051           | WASHER, FLAT 5/8 ID                      | A/R             |

Autosteer 4 Wheel Drive  
Figure 48

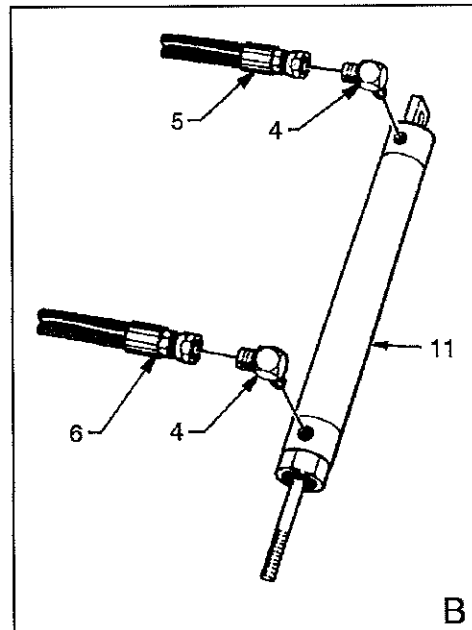
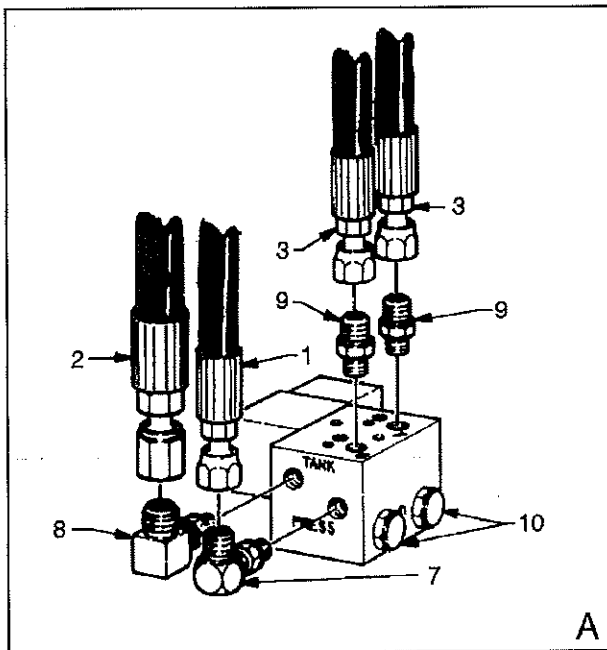
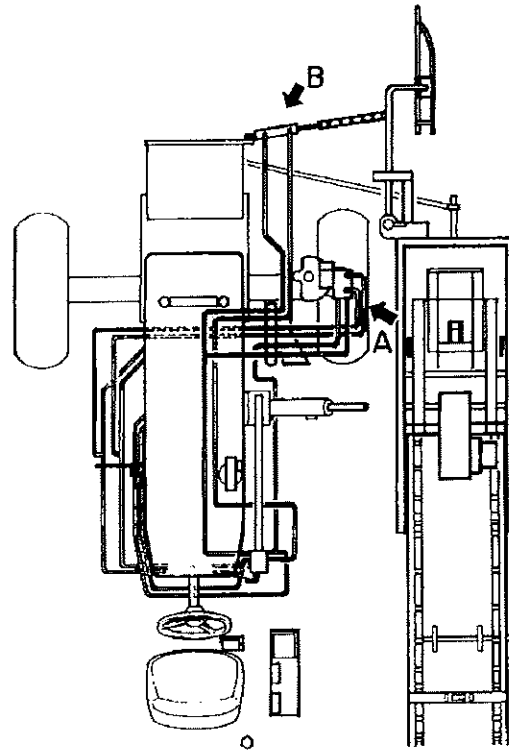


**Parts List for Figure 48**

| <b>Ref.</b> | <b>Part No.</b> | <b>Description</b>                 | <b>Quantity</b> |
|-------------|-----------------|------------------------------------|-----------------|
| 1           | 90-0412         | BOLT, 1/4 X 1-1/2                  | 1               |
| 2           | 96-04           | LOCKWASHER, 1/4                    | 1               |
| 3           | 94-04           | FLAT WASHER, 1/4                   | 2               |
| 4           | 43-004A         | ROD END, 1/4                       | 1               |
| 5           | F1006           | NUT, JAM 1/4                       | 1               |
| 6           | 6115428         | SPACER                             | 1               |
| 7           | REF             | SCREW, M4 X .7 ISO M X 6.5MM       | 2               |
| 8           | 016664          | COVER, VALVE                       | 1               |
|             | 016663          | SEAL, FOAM                         | 1               |
| 9           | F0350           | BOLT, #10 X 2 (WITH SPACER)        | 4               |
|             | 99-24           | BOLT, #10 X 1-1/4 (WITHOUT SPACER) | 4               |
| 10          | 01-018          | WASHER, LOCK #10                   | 4               |
| 11          | 23-142          | VALVE, AUTOSTEER SENSOR            | 1               |
| 12          | F1735           | SCREW, HEX SOC. CAP 1/4 X 4        | 2               |
| 13          | H4085           | STEERING MANIFOLD                  | 1               |
| 14          | F5012           | LOCKNUT, NYLON 1/2                 | 1               |
| 15          | F6053           | FLAT WASHER, 5/8                   | 1               |
| 16          | F5054           | FLAT WASHER, 1/2                   | 4               |
| 17          | B2010           | BEARING, BALL                      | 2               |
| 18          | 015256          | SPACER, SENSOR PIVOT               | 1               |
| 19          | 016858          | SPRING, 4WD                        | 1               |
| 20          | 016438          | CAM, AUTOSTEER                     | 1               |
| 21          | 07-1012560      | METRIC BOLT, M10-1.25 X 60         | 3               |
| 22          | 6115350         | PLATE, FLANGE-4WD                  | 1               |
| 23          | 99-E39          | LOCKNUT, NYLON 1/4                 | 2               |
| 24          | 6115429         | SPACER                             | 3               |
| 25          | 90-0652         | BOLT, 3/8 X 6-1/2                  | 1               |
| 26          | 94-06           | FLAT WASHER, 3/8                   | 1               |
| 27          | 29-125          | GREASE FITTING, 1/4                | 1               |
| 28          | 99-K13          | BOLT, FLANGE 3/8 X 1               | 2               |
| 29          | 5016903         | BRACE                              | 1               |
| 30          | 99-E13          | FLANGE NUT, 3/8                    | 4               |
| 31          | 6115357         | CLAMP                              | 1               |
| 32          | 90-0612         | BOLT, 3/8 X 1-1/2                  | 1               |
| 33          | M5270           | CABLE, PUSH/PULL                   | 1               |
| 34          | 016309          | BRACKET, CABLE MOUNT               | 1               |
| 35          | 99-K02          | BOLT, FLANGE 5/16 X 1              | 2               |
| 36          | 99-E12          | FLANGE NUT, 5/16                   | 2               |
| 37          | 6115354         | AXLE BRACKET                       | 1               |
| *           | 016442          | SHIM, .035 THICK                   | A/R             |
| *           | 016441          | SHIM, .059 THICK                   | A/R             |
| *           | 016440          | SHIM, .134 THICK                   | A/R             |
| *           | 016439          | SHIM, .250 THICK                   | A/R             |

\* Not Illustrated

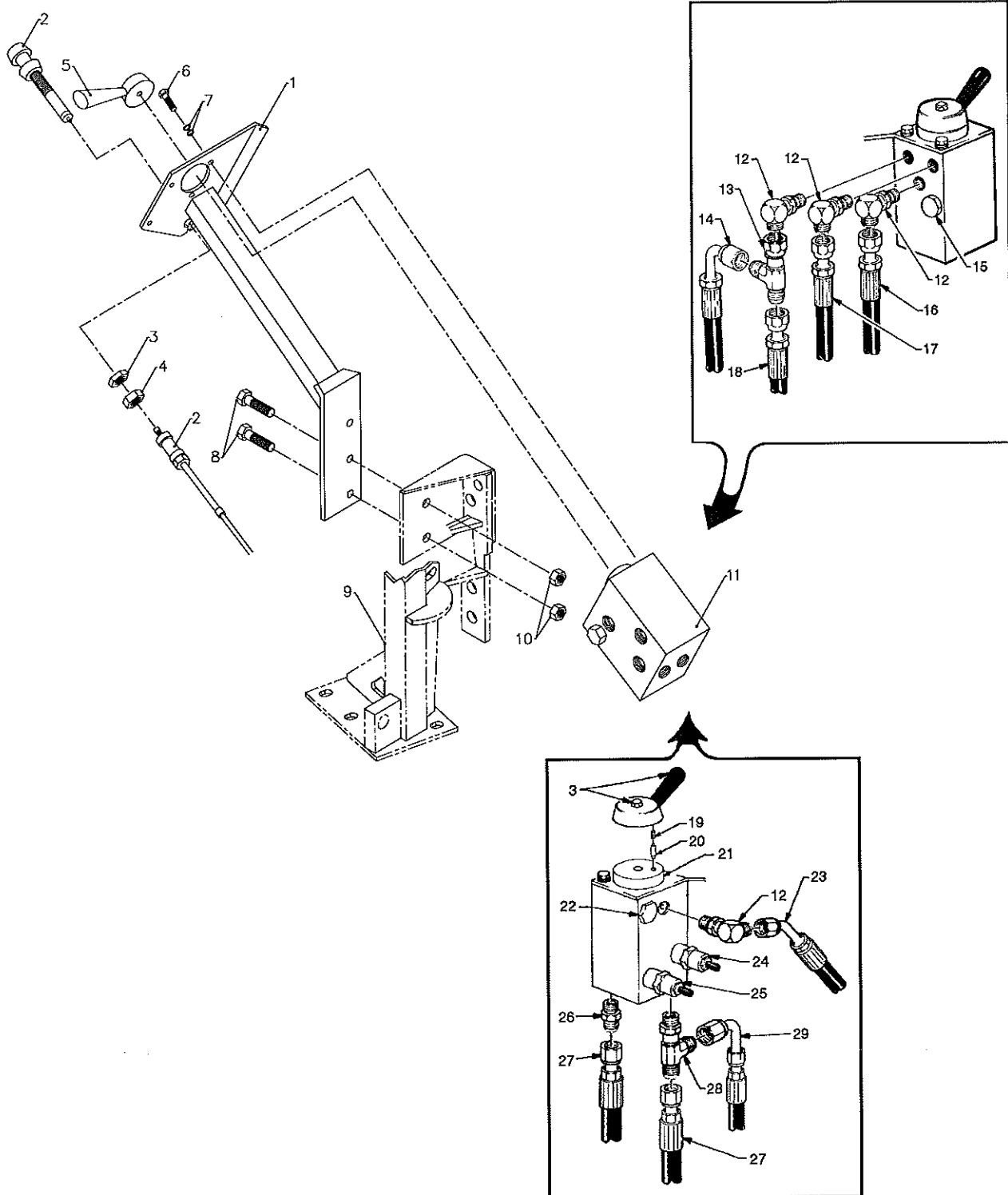
Selector Valve & Fine Adjuster  
Figure 49



**Parts List for Figure 49**

| <b><u>Ref.</u></b> | <b><u>Part No.</u></b> | <b><u>Description</u></b>            | <b><u>Quantity</u></b> |
|--------------------|------------------------|--------------------------------------|------------------------|
| 1                  | 016054                 | HOSE, SELECTOR VALVE TO SENSOR VALVE | 1                      |
| 2                  | 016055                 | HOSE, SENSOR VALVE TO SELECTOR VALVE | 1                      |
| 3                  | 20-183                 | HOSE, 3/8 x 83 -6ORFS(F) X -8ORFS F  | 2                      |
| 4                  | H6189                  | FITTING, ADAPTER                     | 2                      |
| 5                  | 016058                 | HOSE, RESET CYLINDER EXTEND          | 1                      |
| 6                  | 016059                 | HOSE, RESET CYLINDER RETRACT         | 1                      |
| 7                  | H7002                  | FITTING, 90 M#6 ORB X M#6 ORF        | 1                      |
| 8                  | H7003                  | FITTING, 90 M#6 ORB X M#8 ORF        | 1                      |
| 9                  | H7000                  | FITTING, CONN M#6 ORB X M#6 ORF      | 2                      |
| 10                 | H4088                  | CARTRIDGE, CHECK VALVE               | 2                      |
| 11                 | H0716                  | CYLINDER, HYDRAULIC 7/8" X 5"        | 1                      |
|                    | E3043                  | KIT, PISTON SEALS                    | 1                      |
|                    | E3044                  | SEAL, END                            | 1                      |

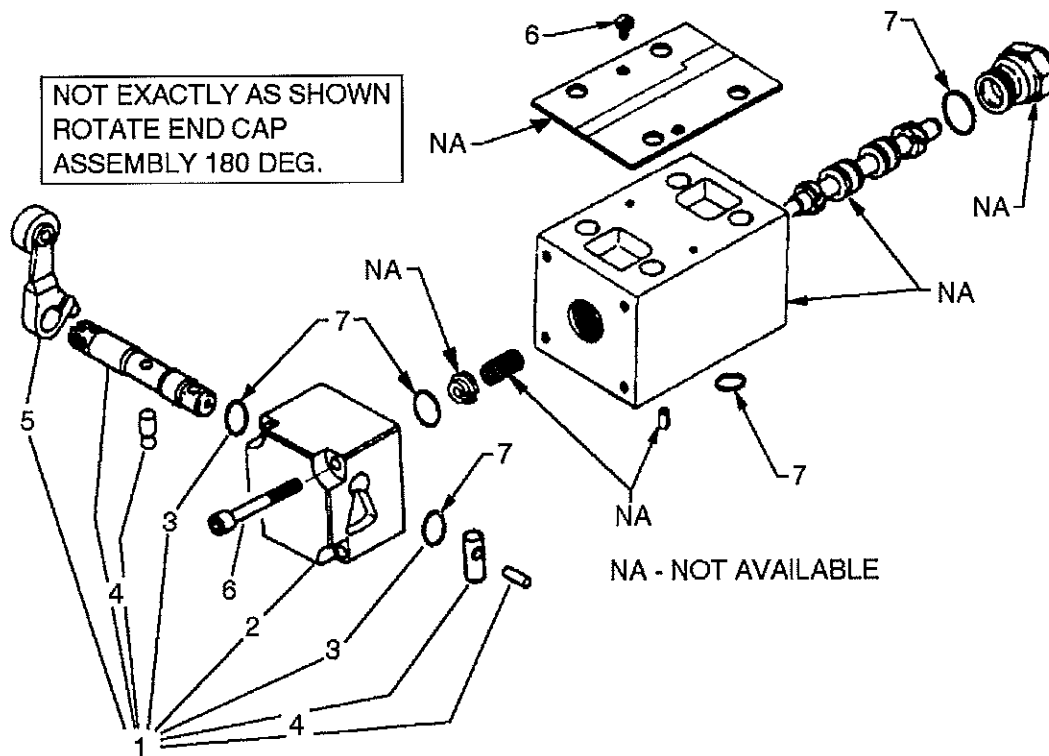
Selector Valve & Fine Adjuster  
Figure 50



**Parts List for Figure 50**

| <b>Ref.</b> | <b>Part No.</b> | <b>Description</b>                       | <b>Quantity</b> |
|-------------|-----------------|------------------------------------------|-----------------|
| 1           | 6115399         | AUTO STEER W/A                           | 1               |
| 2           | M5272           | CABLE, MICRO ADJUSTABLE                  | 1               |
| 3           | F6078           | WASHER, LOCK 5/8 INTERNAL TOOTH          | 1               |
| 4           | 99-E11          | JAM NUT, 5/8 NF                          | 1               |
| 5           | H4082           | KIT, LEVER ASSY FOR H4070                | 1               |
|             | H4083           | LEVER FOR H4070                          | 1               |
|             | H4084           | NUT, ROTARY VALVE                        | 1               |
| 6           | 90-0608         | BOLT, 3/8 X 1                            | 2               |
| 7           | F3076           | WASHER, DISC LOCK 3/8                    | 4               |
| 8           | 90-0816         | BOLT, 1/2 X 2                            | 2               |
| 9           | REF             | STAND, LIFT W/A                          |                 |
| 10          | 99-E37          | FLANGE NUT, 1/2                          | 2               |
| 11          | 23-158          | VALVE, STEERING SELECTOR                 | 1               |
|             | 21-21120        | SPRING, ROTARY VALVE                     | 1               |
|             | 21-21119        | PLUNGER, ROTARY VALVE                    | 1               |
| 12          | H7002           | FITTING, 90 M#6 ORB X M#6 ORF            | 4               |
| 13          | H7004           | FITTING, SW RUN TEE M#6 ORFS             | 3               |
| 14          | 016058          | HOSE, RESET CYLINDER EXTEND              | 1               |
| 15          | H4080           | CARTRIDGE, CHECK VALVE                   | 1               |
|             | E3041           | KIT, SEALS                               | 1               |
| 16          | 20-179          | HOSE, STEERING PRESSURE                  | 1               |
| 17          | 20-181          | HOSE, STEERING SELECTOR TO STEERING UNIT | 1               |
| 18          | 016054          | HOSE, SELECTOR VALVE TO SENSOR VALVE     | 1               |
| 19          | 21-21120        | SPRING, ROTARY VALVE                     | 1               |
| 20          | 21-21119        | PLUNGER, ROTARY VALVE                    | 1               |
| 21          | H4081           | CARTRIDGE, SELECTOR VALVE                | 1               |
|             | E3042           | KIT, SEALS                               | 1               |
| 22          | H4077           | CARTRIDGE, CHECK VALVE                   | 1               |
|             | E3040           | KIT, SEALS                               | 1               |
| 23          | 016059          | HOSE, RESET CYLINDER RETRACT             | 1               |
| 24          | H4079           | CARTRIDGE, RELIEF VALVE                  | 1               |
|             | E3040           | KIT, SEALS                               | 1               |
| 25          |                 | CARTRIDGE, RELIEF VALVE                  | 1               |
|             | E3040           | KIT, SEALS                               | 1               |
| 26          | H7001           | FITTING, CONN M#8 ORB X M#8 ORF          | 1               |
| 27          | 20-182          | HOSE, STEERING UNIT TO STEERING SELECTOR | 2               |
| 28          | H7005           | FITTING, TEE -8 M ORB/-8 M ORFS          | 1               |
| 29          | 016055          | HOSE, SENSOR VALVE TO SELECTOR VALVE     | 1               |

Sensor Valve Service Parts  
Figure 51

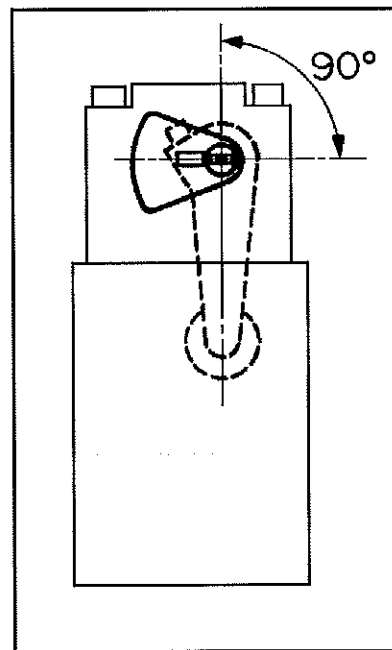


### SENSOR VALVE

Before installing the sensor valve the roller lever must be set 90 degrees to the slot in the shaft. This will be in the center of the full travel of the roller arm in the installed position.

In the installed position, the stop pin should be in the center of its adjustment when the cam is in the neutral position. (1/4" pin in place) If this is not the case, check the roller lever position, as per above.

A cover and foam gasket are used to prevent water or dirt from accumulating in the stop pin cavity. Use loctite on the screws, and check periodically to keep cavity clear.



# AUTOSTEER

## section 14

### Parts List for Figure 51

| <u>Ref.</u> | <u>Part No.</u> | <u>Description</u>               | <u>Quantity</u> |
|-------------|-----------------|----------------------------------|-----------------|
| 1           | H4095           | KIT, CAM LEVER AND COVER         | 1               |
| 2           | REF             | END CAP                          | 1               |
| 3           | REF             | O RING (ALSO INCLUDED IN REF. 7) | 2               |
| 4           | REF             | PIVOT SHAFT ASSEMBLY             | 1               |
| 5           | A02027          | AUTOSTEER TRIP ARM ASSEMBLY      | 1               |
|             | 002633          | AUTOSTEER TRIP ARM W/A           | 1               |
|             | 55-106          | BEARING, BALL 1/4 ID X 3/4 OD    | 2               |
|             | 96-04           | LOCKWASHER, 1/4                  | 1               |
|             | 99-K96          | BOLT, 1/4 X 7/8 BUTTON HEAD      | 1               |
| 6           | H4096           | HARDWARE KIT                     | 1               |
| 7           | E3034           | KIT, SEAL                        | 1               |



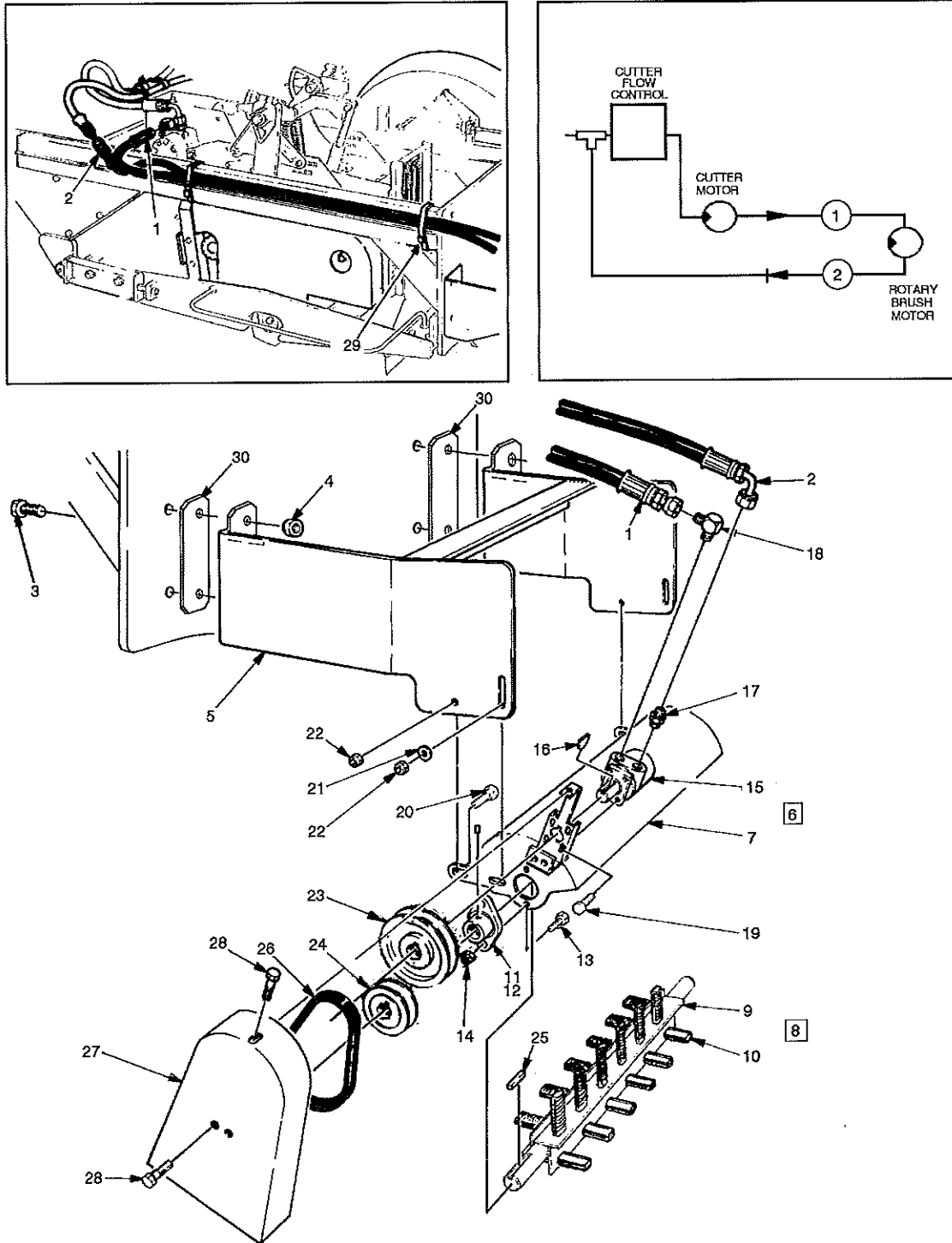
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| Rotary Brush | 15-2 |

A kit is available which contains all the items required to install a Rotary Brush.

ROTARY BRUSH INSTALLATION KIT: PART NO. A03636 (16" & 18") or A03637 (24")

Contains Complete Rotary Brush and all necessary hardware

Figure 52  
Rotary Brush



# ROTARY BRUSH

## section 15

Parts List for Figure 52

| Ref. | Part No.      | Description                          | Quantity |
|------|---------------|--------------------------------------|----------|
|      | A03636        | KIT, ROTARY BRUSH -16/18"            |          |
|      | A03637        | KIT, ROTARY BRUSH -24"               |          |
| 1    | 016434        | HOSE, CUTTER MOTOR/BRUSH MOTOR       | 1        |
| 2    | 016435        | HOSE, BRUSH MOTOR RETURN             | 1        |
| 3    | 90-0814       | BOLT, 1/2 X 1-3/4                    | 4        |
| 4    | 99-E37        | FLANGE NUT, 1/2                      | 4        |
| 5    | 016420        | FRAME, ROTARY BRUSH -16/18"          | 1        |
|      | 016421        | FRAME, ROTARY BRUSH -24"             | 1        |
| 6    | A08170        | ASSEMBLY, ROTARY BRUSH -16/18"       | 1        |
|      | A03599        | ASSEMBLY, ROTARY BRUSH -24"          | 1        |
| 7    | 009249        | COVER, ROTARY BRUSH -16/18"          | 1        |
|      | 016321        | COVER, ROTARY BRUSH -24"             | 1        |
| 8    | A03382        | ASSEMBLY, ROTARY BRUSH FRAME -16/18" | 1        |
|      | A03434        | ASSEMBLY, ROTARY BRUSH FRAME -24"    | 1        |
| 9    | 015230        | ROTARY BRUSH FRAME                   | 1        |
|      | 015510        | FRAME, ROTARY BRUSH                  | 1        |
| 10   | M5106         | SWEEPER FINGERS 11-1/2" -16/18"      | 24       |
|      | M5106         | SWEEPER FINGERS 11-1/2" -24"         | 31       |
| 11   | B8007         | BEARING, CARTRIDGE 1" BORE           | 2        |
| 12   | B8008         | FLANGE, PRESSED STEEL F/BRG          | 4        |
| 13   | 90-0508       | BOLT, 5/16 X 1                       | 4        |
| 14   | 99-E12        | FLANGE NUT, 5/16                     | 4        |
| 15   | H0026         | MOTOR, HYDRAULIC                     | 1        |
|      | 21-094        | SEAL KIT FOR H0026                   | 1        |
| 16   | G8019         | KEY, WOODRUFF 1/4 X 1                | 1        |
| 17   | 25-0503-10-10 | FITTING, STR -10 M ORB/-10 MJIC      | 1        |
| 18   | 25-2503-10-10 | FITTING, 90 -10 M JICx-10 M ORB      | 1        |
| 19   | 99-K11        | BOLT, FLANGE 3/8 X 3/4               | 4        |
| 20   | 97-0508       | CARRIAGE BOLT, 5/16 X 1              | 4        |
| 21   | 95-05         | FLAT WASHER, 5/16 SAE                | 2        |
| 22   | F2014         | NUT, STOVER FLANGED 5/16             | 4        |
| 23   | 83-BK5016     | SHEAVE, FIXED: -"B"BELT.4.4"         | 1        |
| 24   | D2207         | SHEAVE, FIXED: -"BK34 X 1"           | 1        |
| 25   | 124422        | KEY, 1/4 X 1/4                       | 1        |
| 26   | D2006         | BELT, V: -B28                        | 1        |
| 27   | 009259        | GUARD, ROTARY BRUSH DRIVE            | 1        |
| 28   | 99-K19        | BOLT, FLANGE 5/16 X 3/4              | 3        |
| 29   | G8002         | WIRE TIE, 15-1/4" LONG T120          | 2        |
| *    | 401257        | DECAL, "BROUWER"                     | 1        |
| 30   | 002321        | SPACER, BRUSH MOUNTING               | 2        |

\* Not Illustrated



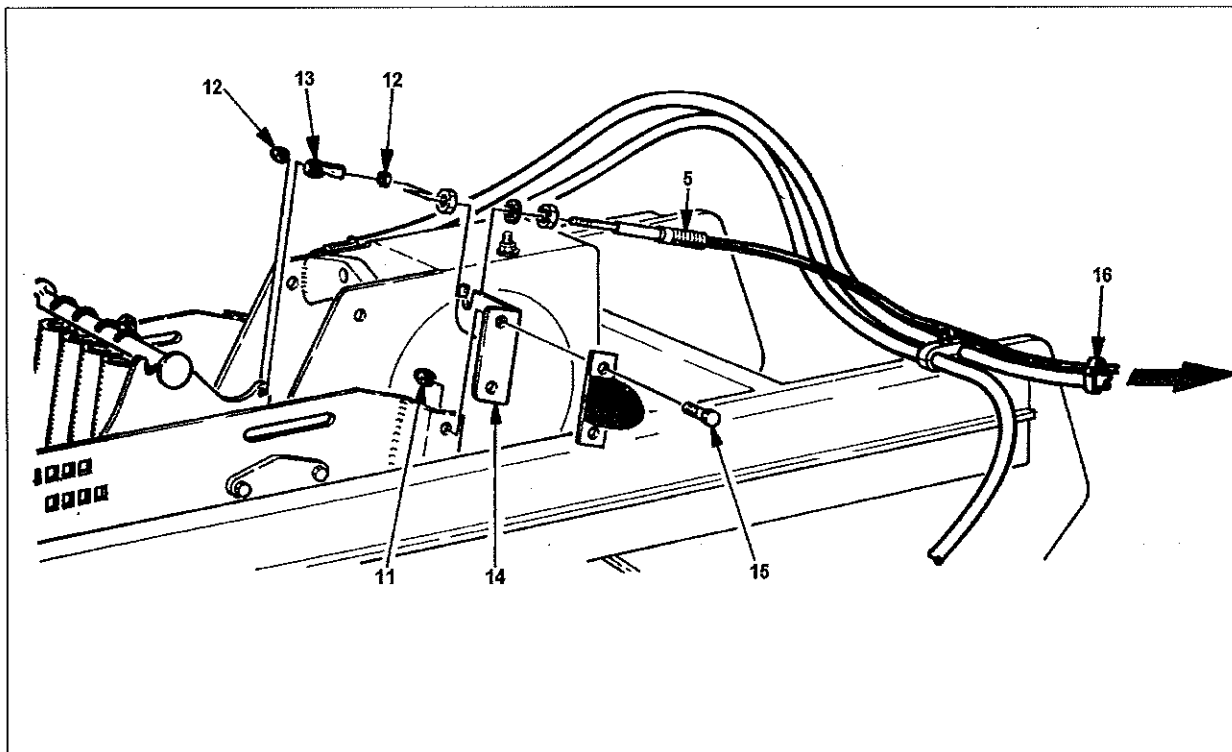
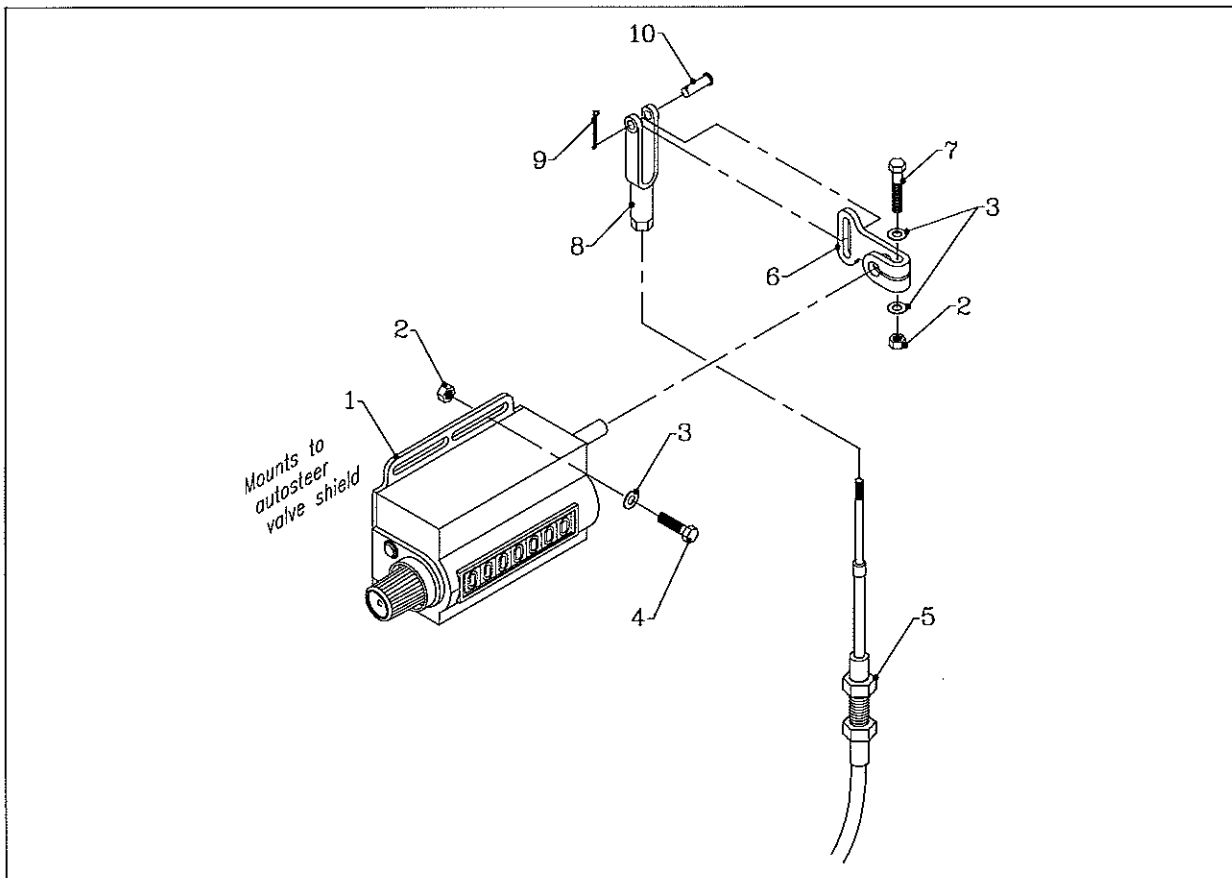
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**PAGE**

Counter

16-2

Counter  
Figure 53



# COUNTER

## section 16

Parts List for Figure 53

| <u>Ref.</u> | <u>Part No.</u> | <u>Description</u>             | <u>Quantity</u> |
|-------------|-----------------|--------------------------------|-----------------|
| 1           | M5151           | COUNTER, VEEDER ROOT           | 1               |
| 2           | F0003           | LOCKNUT, NYLON #10-24          | 5               |
| 3           | 01-028          | WASHER, FLAT #10 SAE           | 6               |
| 4           | F0301           | SCREW, MACHINE 10-24 X 3/4     | 4               |
| 5           | M5011           | CABLE, PUSH PULL               | 1               |
| 6           | 016686          | ARM, COUNTER                   | 1               |
| 7           | 01-016          | SCREW, MACHINE 10-24 X 1       | 1               |
| 8           | 43-Y0303F       | YOKE, CLEVIS 10-32 THRD 3/16"  | 1               |
| 9           | 02-CP0204       | COTTER PIN, 1/16 X 1/2         | 1               |
| 10          | 03-0305         | CLEVIS PIN, 3/16 X 5/8         | 1               |
| 11          | 99-E13          | FLANGE NUT, 3/8-16             | 2               |
| 12          | 01-013          | NUT, #10-32                    | 2               |
| 13          | 43-003SA        | ROD END, 10-32 STUDDED (STEEL) | 1               |
| 14          | 016684          | BRACKET, COUNTER CABLE-HEAD    | 1               |
| 15          | 99-K13          | BOLT, FLANGE 3/8-16 X 1        | 2               |
| 16          | 30-037          | WIRE TIE, T50R 3/16 X 7-3/4    | 4               |



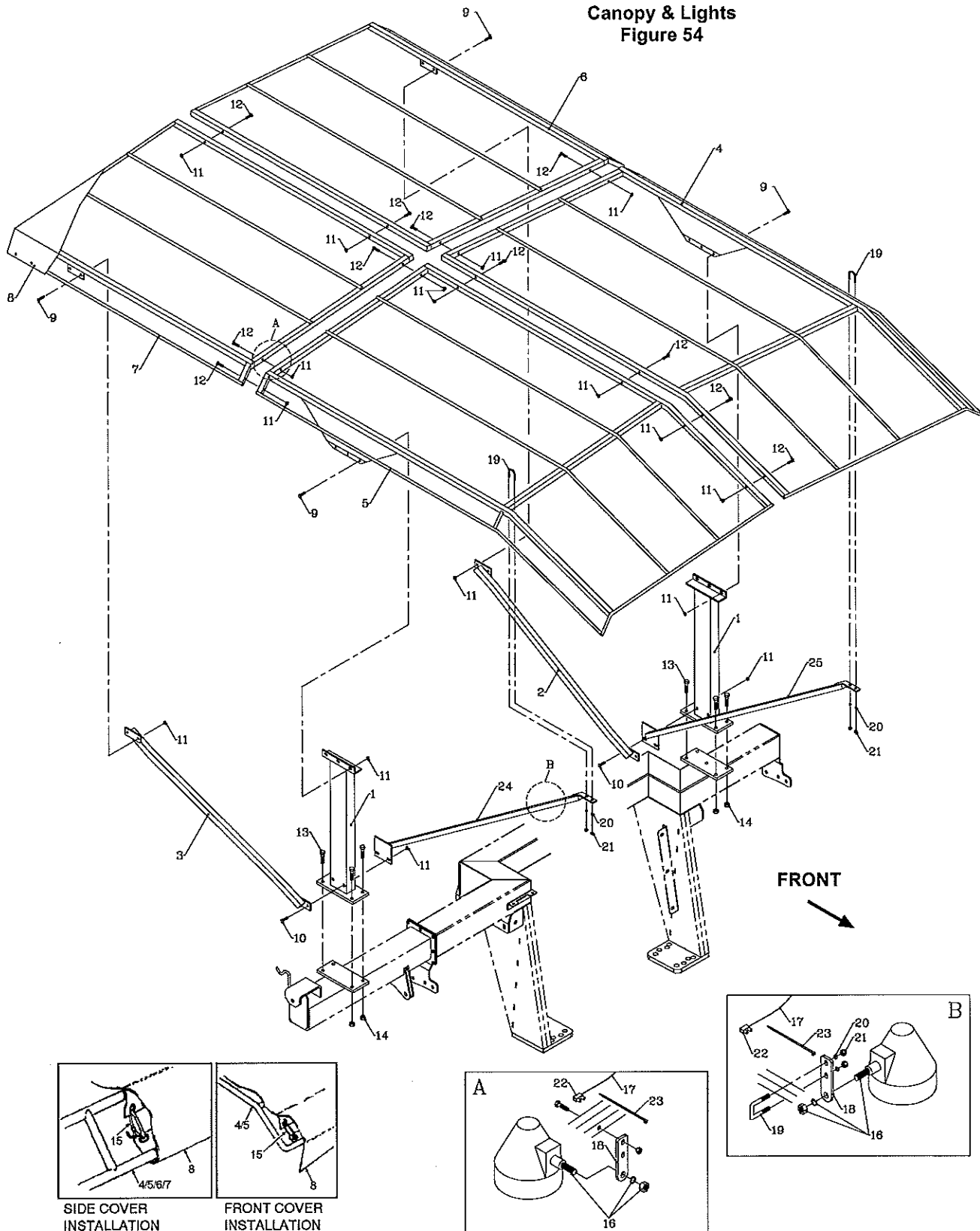
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### PAGE

Canopy & Lights

17-2

Canopy & Lights  
Figure 54



# CANOPY & LIGHTS

## section 17

### Parts List for Figure 54

| Ref. | Part No. | Description                      | Quantity |
|------|----------|----------------------------------|----------|
|      | A03957   | CANOPY AND LIGHT ASSEMBLY        | 1        |
| 1    | 015423   | ROOF SUPPORT                     | 2        |
| 2    | 002284   | CANOPY SUPPORT ARM LH            | 1        |
| 3    | 015261   | ROOF SUPPORT ARM                 | 1        |
| 4    | 015957   | FRAME, FRONT CANOPY LH           | 1        |
| 5    | 015958   | FRAME, FRONT CANOPY RH           | 1        |
| 6    | 002351   | FRAME, REAR CANOPY LH            | 1        |
| 7    | 002352   | FRAME, REAR CANOPY RH            | 1        |
| 8    | 002359   | CANOPY COVER                     | 1        |
| 9    | 99-K02   | FLANGE BOLT, 5/16 X 1            | 10       |
| 10   | 90-0526  | BOLT, 5/16 X 3-1/4               | 4        |
| 11   | 99-E12   | FLANGE NUT, 5/16                 | 26       |
| 12   | 90-0520  | BOLT, 5/16 X 2-1/2               | 12       |
| 13   | 90-0814  | BOLT, 1/2 X 1-3/4                | 8        |
| 14   | 99-E37   | FLANGE NUT, 1/2                  | 8        |
| 15   | G8002    | WIRE TIE, 15-1/4 LONG T120       | 60       |
| 16   | 33-046   | HEADLIGHT 50W                    | 3        |
| 17   | 015466   | WIRE, 16 GA. RED X 35.5 FT. LONG | 1        |
| 18   | 6115836  | MOUNT, CANOPY LIGHT              | 3        |
| 19   | F9023    | U-BOLT                           | 4        |
| 20   | 96-05    | LOCKWASHER, 5/16                 | 8        |
| 21   | 93-05    | NUT, 5/16 NF                     | 8        |
| 22   | J1005    | TERMINAL BLOCK, FLEXIBLE         | 3        |
| 23   | 30-037   | WIRE TIE, T50R 3/16 X 7-3/4      | 6        |
| 24   | 002513   | BRACE, RIGHT HAND CANOPY SUPPORT | 1        |
| 25   | 002515   | BRACE, LEFT HAND CANOPY SUPPORT  | 1        |
|      |          |                                  |          |
| *    | A03423   | KIT, HARDWARE FOR CANOPY         | 1        |
| *    | 99-K02   | FLANGE BOLT, 5/16 X 1            | 10       |
| *    | 90-0526  | BOLT, 5/16 X 3-1/4               | 4        |
| *    | 99-E12   | FLANGE NUT, 5/16                 | 26       |
| *    | 90-0520  | BOLT, 5/16 X 2-1/2               | 12       |
| *    | 90-0814  | BOLT, 1/2 X 1-3/4                | 8        |
| *    | 99-E37   | FLANGE NUT, 1/2                  | 8        |
| *    | G8002    | WIRE TIE, 15-1/4 LONG T120       | 60       |
|      |          |                                  |          |
| *    | A03392   | KIT, CANOPY LIGHTS               | 1        |
| *    | 33-046   | HEADLIGHT 50W                    | 3        |
| *    | 015466   | WIRE, 16 GA. RED X 35.5 FT. LONG | 1        |
| *    | 6115836  | MOUNT, CANOPY LIGHT              | 3        |
| *    | F9023    | U-BOLT                           | 2        |
| *    | 96-05    | LOCKWASHER, 5/16                 | 4        |
| *    | 93-05    | NUT, 5/16 NF                     | 4        |
| *    | J1005    | TERMINAL BLOCK, FLEXIBLE         | 3        |
| *    | 30-037   | WIRE TIE, T50R 3/16 X 7-3/4      | 6        |

\* OPTIONAL KITS



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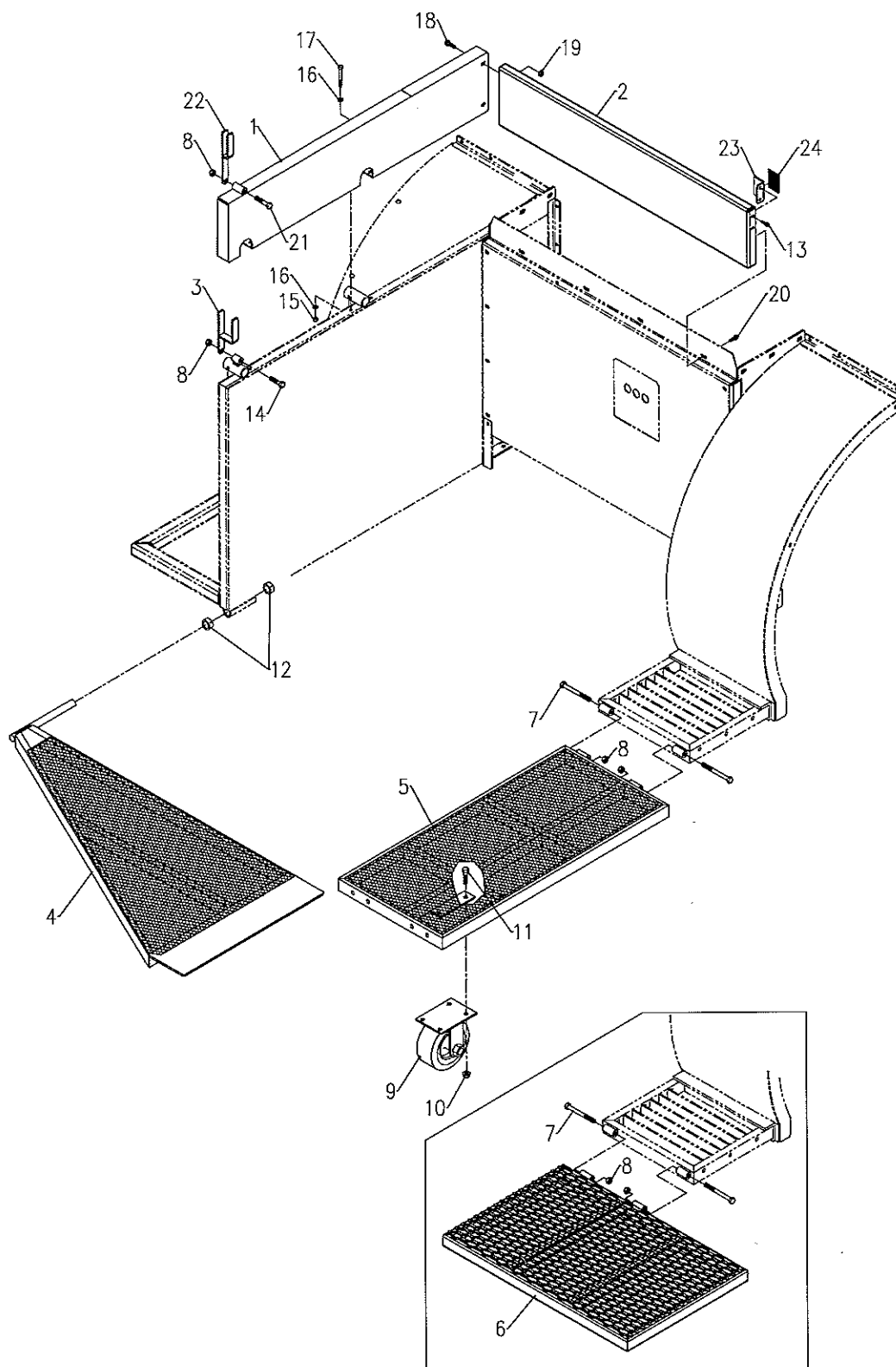
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## SOD PANEL EXTENSIONS

## section 18

### Sod Panel Extensions & Platforms

#### Figure 55



# SOD PANEL EXTENSIONS

## section 18

### Parts List for Figure 55

| Ref. | Part No. | Description                               | Quantity |
|------|----------|-------------------------------------------|----------|
| 1    | 6109511  | PILING WALL, SIDE EXTENSION               | 1        |
| 2    | 6109508  | PILING WALL, FRONT EXTENSION (48" PALLET) | 1        |
|      | 6109557  | PILING WALL, FRONT EXTENSION (54" PALLET) | 1        |
| 3    | 6109482  | LATCH, PILING PLATFORM                    | 1        |
| 4    | 001757   | PLATFORM, TAIL (48" PALLET)               | 1        |
|      | 015889   | PLATFORM, TAIL (54" PALLET)               | 1        |
| 5    | 001718   | SLABBING PLATFORM                         | 1        |
| 6    | 6115785  | WIDE ROLLING PLATFORM                     | 1        |
| 7    | 90-0840  | BOLT, 1/2-13 X 5                          | 2        |
| 8    | 99-E41   | LOCKNUT, NYLON 1/2-13                     | 3        |
| 9    | R0001    | CASTER WHEEL, 8" X 2"                     | 1        |
|      | B3002    | BEARING, ROLLER                           | 1        |
|      | R0002    | CASTER WHEEL, 10"                         | 1        |
|      | B3002    | BEARING, ROLLER                           | 1        |
|      | 53-175   | CASTER WHEEL, PNEUMATIC 8" (OPTIONAL)     | 1        |
| 10   | 99-E37   | FLANGE NUT, 1/2-13                        | 4        |
| 11   | 90-0810  | BOLT, 1/2-13 X 1-1/4                      | 4        |
| 12   | 85-SC16  | SET COLLAR, 1"                            | 2        |
| 13   | 99-K26   | BOLT, FLANGE 1/4-20 X 3/4                 | 2        |
| 14   | 90-0818  | BOLT, 1/2-13 X 2-1/4                      | 1        |
| 15   | 99-E40   | LOCKNUT, NYLON 3/8-16                     | 3        |
| 16   | 95-06    | FLAT WASHER, 3/8 SAE                      | 6        |
| 17   | 90-0624  | BOLT, 3/8-16 X 3                          | 3        |
| 18   | 99-K11   | BOLT, FLANGE 3/8-16 X 3/4                 | 2        |
| 19   | 99-E13   | FLANGE NUT, 3/8-16                        | 2        |
| 20   | 99-K19   | BOLT, FLANGE 5/16-18 X 3/4                | 4        |
| 21   | 90-0824  | BOLT, 1/2-13 X 3                          | 1        |
| 22   | 014195   | LATCH, EXTENSION PILING WALL              | 1        |
| 23   | 6109529  | BRACE, SIDE EXTENSION - PILING WALL       | 1        |
| 24   | 56-011   | RUBBER, 1/8 EDPM X 2" WIDE                | 3"       |

