



## Suggested Spares Guide



### 370 Engine Gearbox Side Feed Baler 14", 15", 16" x 22" and 14 x 21" Chambers

89-057

A Product of

**Allied Systems**  
COMPANY

Sherwood, Oregon USA

# How to Use This Guide

- 1 Section.** Spare parts are listed by when they need replacing and separated into major sections of the baler.
  - Annual.** These items are needed for maintenance every year (100,000 bales).
  - Major Overhaul.** These items are needed for major overhaul every three years. Be sure to order the annual parts as well.
  - Replace as Required.** These items need to be checked for for wear and replaced as necessary.
- 2 Dots in the description.** Items with one dot before the description are part of the item or assembly above it with no dot. Items with two dots are part of the item or assembly above it with one dot. In the parts table example below, the "Bushing, Shear Hub" is part of in the "Shear Hub, Flywheel w/Bushing."
- 3 Yellow items.** Rows marked in yellow are for 16" chamber balers.
- 4 Green items.** Rows marked in green are for 15" chamber balers.
- 5 Blue items.** Rows marked in blue are for 14" chamber balers.
- 6 Qty On Baler column.** A star (\*) with the number in this column means the part is used in more than one place. Quantity shown is for the listed location only.
  - Quantities listed for parts with dots show how many are included in the parent item.
  - Switch Assembly           4 (number of assemblies on the baler)
  - . Rubber Boot Seal    1 (number of seals in the assembly)
- 7 Order Qty column.** Enter the quantity you wish to order.

**Always include your baler serial number when ordering parts.**

| Part Number         | Description   | Qty On Baler | Order Qty |
|---------------------|---|--------------|-----------|
| <b>1</b>            | <b>Section 2 - Frame and Tension System (Hay Dogs, Chamber, Hub/Spindles)</b> |              |           |
| F000000188          | Spring, Hay Dog   | 8            |           |
| HUB0007157          | Shear Hub, Flywheel w/Bushing   | 1            |           |
| F000001132 <b>2</b> | . Bushing, Shear Hub  | 1            |           |
| 906624              | Kit, Chamber Liner w/Hardware, 16" 370/380                                    | 1            |           |
| F000000837 <b>3</b> | Hay Dog, Bottom (16")   | 4            |           |
| F000001629          | Bolt & Nut, Stationary Knife (16")  | 4            |           |
| 906626 <b>4</b>     | Kit, Chamber Liner w/Hardware, 15" 370/380                                    | 1            |           |
| F000007744          | Stationary Knife (14")  | 1            |           |
| F000001629 <b>5</b> | Bolt & Nut, Stationary Knife (14")  | 3            |           |

**Parts Table Example**

| Part Number | Description | Qty On Baler | Order Qty |
|-------------|-------------|--------------|-----------|
|-------------|-------------|--------------|-----------|

**Annual Maintenance**

Order these parts for maintenance every 500 hours or every year, whichever comes first.

| <b>Section 2 - Frame and Tension System (Hay Dogs, Chamber, Hub/Spindles)</b> |  |   |  |
|---|--|---|--|
| F000000188  | Spring, Hay Dog                          | 8 |  |
| F000000220  | Pin, Hay Dog                             | 8 |  |
| F000001589  | Kit, Hay Dog Pads w/Screws               | 8 |  |
| F000008105  | Bottom Twine Guide Pipe                  | 1 |  |
| F000007439  | Knife Guide, Under Feed Opening          | 1 |  |
| 909798  | Chamber Liner w/Hardware, 16"            | 1 |  |
| F000000837  | Hay Dog, Bottom (16") (not in liner kit) | 4 |  |
| 909799  | Chamber Liner w/Hardware, 15"            | 1 |  |
| DOG0018520  | Hay Dog, Bottom (15") (not in liner kit) | 4 |  |
| 909800  | Chamber Liner w/Hardware, 14"            | 1 |  |
| 906717  | Hay Dog, Bottom (14") (not in liner kit) | 4 |  |
| F000007439  | Knife Guide                              | 1 |  |
|   |  |   |  |

| <b>Section 4 - Power Unit (Engine, Clutch)</b> |                                 |   |  |
|--|---------------------------------|---|--|
| 259609   | Cartridge, Oil Filter           | 1 |  |
| 259597   | Element, Fuel Filter            | 1 |  |
| 259596   | Element, Water Separator Filter | 1 |  |
| 910342   | V-Belt                          | 1 |  |
| 259608   | Outer Element, Air Filter       | 1 |  |
| 259607   | Inner Element, Air Filter       | 1 |  |

## Annual Maintenance

| Part Number   | Description                                  | Qty On Baler | Order Qty |
|---|--|--------------|-----------|
| <b>Section 5 - Drive System (Flywheel, Gearbox, Con Rod, Plunger, Stop Dog)</b> |  |              |           |
| BSH0007127MP2   | Flywheel Bushing (set of 2)                  | 1            |           |
| SCC0000516  | Shear Bolt & Nut Kit, Flywheel               | 1            |           |
| F000001132  | Shear Bushing, Shear Hub                     | 1            |           |
| F000001614  | Shear Bushing, Flywheel (Flanged)            | 1            |           |
| F000001132  | . Bushing, Shear Hub                         | 1            |           |
| F000000227  | Plunger Knife Bolt                           | 3            |           |
| F000008056  | Plunger Face Adjusting Pad, RH               | 1            |           |
| F000008057  | Plunger Face Adjusting Pad, Center           | 2            |           |
| F000008058  | Plunger Face Adjusting Pad, LH (Wiper) (16") | 1            |           |
| PLG0018049  | Plunger Face Adjusting Pad, LH (Wiper) (15") | 1            |           |
| F008058-14  | Plunger Face Adjusting Pad, LH (Wiper) (14") | 1            |           |
| F000000775  | Plunger Roller, Bottom                       | 4            |           |
| F000000227  | Plunger Knife Bolt                           | 3            |           |
| PIN0007831  | Plunger Roller Pin                           | 4            |           |
| NYL0000250  | Tubing, Lubrication, Plunger                 | 9 ft*        |           |

| <b>Section 6 - Pickup (Pickup, Drive Chain Assembly)</b> |                                    |    |  |
|--|------------------------------------|----|--|
| BRG0006219   | Pickup Tooth Bar Cam Lever Bearing | 12 |  |
| BRG0002029   | . Bearing                          | 1  |  |
| BSH0006231   | . Bushing                          | 1  |  |
| 222477   | . Capscrew                         | 1  |  |
| NCX0005000   | . Nut                              | 1  |  |
| TTH0033171   | Pickup Tooth                       | 40 |  |

| <b>Section 7 - Feeder and Feed Fork (Feed Arm, Fork, House)</b> |                                   |    |  |
|---|-----------------------------------|----|--|
| F000001195  | Clip, Feed Fork                   | 3  |  |
| F000001193  | Feed Fork Tine Bushing            | 15 |  |
| F000000822  | Feed Arm, Spring Arm Cam Follower | 1  |  |
| F000004050  | Latch Roller                      | 1  |  |
| F000007605  | Pin, Latch Hinge                  | 1  |  |
| F000001556  | Feed Arm Trip Lever Bushing       | 1  |  |
| F000007607  | Inner Race, Latch Hinge           | 1  |  |
| F000007610  | Latch Hinge                       | 1  |  |

\* Indicates that the part is used in multiple locations. Quantity shown is for the listed location only.

| Part Number                               | Description                                 | Qty On Baler | Order Qty |
|---|---|--------------|-----------|
| <b>Section 8 - Knotter (Conventional)</b> |   |              |           |
| F000004115                                | Spring, Knotter Clutch Pawl                 | 1            |           |
| F000004134                                | Bearing, Knotter Clutch Disk                | 1            |           |
| F000004135                                | Inner Race, Knotter Clutch Disk             | 1            |           |
| F000008312                                | Sleeve, Luber Manifold, Knotter             | 2            |           |
| F000008306                                | Ferrule, Auto Luber Fitting                 | 18           |           |
| NYL0001250                                | Tubing, Lubrication, Knotter                | 60 ft*       |           |
| LUB0083924                                | . Compression Nut/Sleeve, Injector, Knotter | 18           |           |

|  |                         |    |  |
|--|-------------------------|----|--|
| <b>Section 9 - Needle Yoke and Needles</b> |                         |    |  |
| F000000856                                 | Twine Guide Bushing     | 13 |  |
| F000000857                                 | Twine Guide Snap Ring   | 13 |  |
| SPG0020662                                 | Spring, Stop Dog Return | 1  |  |

\* Indicates that the part is used in multiple locations. Quantity shown is for the listed location only.

## Major Overhaul Maintenance

| Part Number | Description | Qty On Baler | Order Qty |
|-------------|-------------|--------------|-----------|
|-------------|-------------|--------------|-----------|

### Major Overhaul Maintenance

Order these parts for maintenance every three years or 1500 hours, whichever comes first.

#### Section 2 - Frame and Tension System (Hay Dogs, Chamber, Hub/Spindles)

|             |   |       |  |
|-------------|---|-------|--|
| RNG0002342  | O-Ring, Tension Cylinder, Head and Piston | 2/Ram |  |
| Y076800-342 | Backup Ring, Tension Cylinder, Piston     | 1/Ram |  |
| 2305351W    | O-Ring, Tension Cylinder, Piston Rod      | 1/Ram |  |

#### Section 4 - Power Unit (Engine)

|        |                       |   |  |
|--------|-----------------------|---|--|
| 909741 | Filter, Engine Oil    | 1 |  |
| 259609 | Cartridge, Oil Filter | 1 |  |

#### Section 5 - Drive System (Flywheel, Gearbox, Con Rod, Plunger, Stop Dog)

|            |                                   |   |  |
|------------|-----------------------------------|---|--|
| F000007033 | Bearing Cone, Side Plate Assembly | 4 |  |
| 204631     | Bearing Cup, Side Plate Assembly  | 4 |  |
| HUB0007157 | Shear Hub, Flywheel w/Bushing     | 1 |  |
| BRG0001636 | Plunger Roller, Top               | 1 |  |
| F000000986 | Roller Wiper                      | 2 |  |
| F000000774 | Roller Wiper                      | 2 |  |

#### Section 6 - Pickup (Pickup, Drive Chain Assembly)

|            |   |   |  |
|------------|---|---|--|
| BRG0067000 | Bearing, Pickup Auger                   | 2 |  |
| F000008011 | Bearing Cup, Pickup Auger               | 2 |  |
| F000008102 | Kit, Bearing/Flanges, Pickup Real Shaft | 2 |  |

#### Section 7 - Feeder and Feed Fork (Feed Arm, Fork, House)

|            |  |   |  |
|------------|--|---|--|
| PIN24065-1 | Kit, Feed Arm Pin (Pin, Bearing, Nuts) | 1 |  |
| F000007970 | Strap, Inside, Rear Feed Fork Tines    | 3 |  |
| F000007971 | Strap, Outside, Rear Feed Fork Tines   | 3 |  |

| Part Number                               | Description   | Qty On Baler | Order Qty |
|---|---|--------------|-----------|
| <b>Section 8 - Knotter (Conventional)</b> |   |              |           |
| KNT006006A                                | Knotter Head Assembly, Conventional (includes shaded items below) | 3            |           |
| RS206377212                               | . Kit, Knife Arm Pin, Washers, Nut                                | 3            |           |
| F000007976                                | . Snap Ring, Knife Arm Shaft, Knotter                             | 1            |           |
| F000008068                                | . Spacer, Bill Hook Pinion 0.020"                                 | A/R          |           |
| F000008069                                | . Spacer, Bill Hook Pinion 0.035"                                 | A/R          |           |
| F000007948                                | . Screw, Adjusting Hook Cam                                       | 2            |           |
| F000007453                                | Spring, Brake Plate, Knotter                                      | 2            |           |
| F000007454                                | Kit, Brake Lining (2) w/Rivets (6)                                | 1            |           |
| F000007559                                | Spring, Saddle Lever, Knotter Brake                               | 1            |           |
| CLH0020799                                | Clutch Pawl, Knotter  | 1            |           |
| PIN0020739                                | Pin, Clutch Pawl  | 1            |           |
| F000008095                                | Kit, Bearing/Flanges, Twine Finger Drive Shaft                    | 2            |           |
| GER0006068                                | Gear, Modular Cam, Knotter  | 3            |           |
| F000001687                                | Bar, Trip Meter   | 1            |           |

| <b>Section 9 - Needle Yoke and Needles</b> |                               |   |  |
|--|-------------------------------|---|--|
| F000001611                                 | Needle                        | 3 |  |
| 903702                                     | Bearing Assembly, Needle Yoke | 2 |  |
| 256736                                     | . Bearing, Needle Yoke        | 1 |  |
| 226272                                     | Bushing, Needle Yoke          | 2 |  |

## Replace As Required

| Part Number | Description | Qty On Baler | Order Qty |
|-------------|-------------|--------------|-----------|
|-------------|-------------|--------------|-----------|

### Replace As Required

Check the baler regularly and order these parts for maintenance as required.

| Replace As Required Section 1 - Front End |                              |   |  |
|---|------------------------------|---|--|
| HTH0021097                                | Hitch                        | 1 |  |
| HTH0031000                                | Hitch Ball w/Nut & Washer    | 1 |  |
| F000000440                                | Ferrule, Drawbar Latch Lever | 1 |  |

| Replace As Required Section 2 - Frame and Tension System (Hay Dogs, Chamber, Hub/Spindles) |   |        |  |
|--|---|--------|--|
| CBL1743324   | Cable, Tension                          | 1      |  |
| FT00000530   | Filler Breather, Tension Tank           | 1      |  |
| FT00000547   | Pump, Control, Tension Tank             | 1      |  |
| HOS0027946   | Hose Assembly, Tension, Gauge           | 1      |  |
| FT00000280   | Tension Bypass Valve Assembly, Complete | 1      |  |
| 909083   | Gauge, Tension Control                  | 1      |  |
| FT00000276   | Tension Ram                             | 1 to 4 |  |
| F000007911   | Hay Dog, Top (16", 15", 14")            | 4      |  |
| F000008003   | Hub/Spindle Assembly, Hwy/8-Ply Float   | 2      |  |
| F000008002   | Hub Assembly                            | 2      |  |
| F000007995   | Retainer, Grease                        | 2      |  |
| F000008000   | Hub Cap                                 | 2      |  |
| F000001609   | Stationary Knife (16")*                 | 1      |  |
| F000001629   | Bolt & Nut, Stationary Knife (16")      | 4      |  |
| KNF0018468   | Stationary Knife (15")*                 | 1      |  |
| F000001629   | Bolt & Nut, Stationary Knife (15")      | 4      |  |
| DPT0034314   | Adapter, Knife Guide (15")              | 1      |  |
| F000007744   | Stationary Knife (14")*                 | 1      |  |
| F000001629   | Bolt & Nut, Stationary Knife (14")      | 3      |  |
| 903368   | Adapter, Knife Guide (14")              | 1      |  |
| FT00000546   | Oil Filter, Tension Control             | 1      |  |
| 902703   | Needle Track Block (15" and 16")        | 3      |  |
| 903119   | Needle Track Block (14")                | 3      |  |

\* Knives may be resharpened every 100,000 bales, with a 300,000 bale life span.



| Part Number   | Description                            | Qty On Baler | Order Qty |
|---|--|--------------|-----------|
| <b>Replace As Required Section 5 - Drive System (Flywheel, Gearbox, Con Rod, Plunger, Stop Dog)</b> |  |              |           |
| ZZ00002008  | Collar, Flywheel Shaft                 | 1            |           |
| F000008229  | Bearing Housing                        | 1            |           |
| F000008100  | Bearing                                | 2            |           |
| PIN0008670  | Pin, Connecting Rod To Bearing Housing | 1            |           |
| F000007035  | Seal, Side Plate Assembly              | 4            |           |
| F000007036  | Race, Seal, Side Plate Assembly        | 2            |           |
| F000007037  | Nut, Adjusting, Side Plate Assembly    | 2            |           |
| F000007488  | Key, Pinion Shaft                      | 2            |           |
| F000007914  | Pin, Connecting Rod To Plunger         | 1            |           |
| R1574466  | Bearing, Connecting Rod - Plunger      | 1            |           |
| F000007917  | Snap Ring, Connecting Rod - Plunger    | 2            |           |
| ZZ00000200  | Bushing, Connecting Rod - Plunger      | A/R          |           |
| ZZ00000202  | Bushing, Connecting Rod - Plunger      | A/R          |           |
| ZZ00000203  | Bushing, Connecting Rod - Plunger      | A/R          |           |
| F000001537  | Plunger Slide                          | 4            |           |
| KNF0011157  | Plunger Knife (16")*                   | 1            |           |
| KNF1115715  | Plunger Knife (15")*                   | 1            |           |
| KNF0021901  | Plunger Knife (14")*                   | 1            |           |
| F000001441  | Lube Fitting, Elbow w/Sleeve           | 8            |           |
| F000007547  | Stop Dog, Plunger (16" & 14")          | 1            |           |
| DOG0018185  | Stop Dog, Plunger (15")                | 1            |           |
| 909423  | Stop Dog, Plunger (14" x 21)           | 1            |           |

\* Knives may be resharpened every 100,000 bales, with a 300,000 bale life span.

## Replace As Required

| Part Number  | Description   | Qty On Baler | Order Qty |
|--|---|--------------|-----------|
| <b>Replace As Required Section 6 - Pickup (Pickup, Drive Chain Assembly)</b> |   |              |           |
| BRG0000202   | Pickup Driveshaft Bearing, Outer                    | 1            |           |
| F000007063   | Pickup Driveshaft Bearing, Inner                    | 1*           |           |
| BRG0020016   | Pickup Clutch Bushing                               | 1            |           |
| F000001791   | Pin, Clutch, Pickup Drive Chain                     | 2            |           |
| F000001790   | Spring, Clutch Pin, Pickup Drive Chain              | 2            |           |
| F000001793   | Friction Disk, F/PTO to Clutch, Pickup Drive Chain  | 2            |           |
| SHF0021219   | Shaft, Pickup Drive Chain Assembly                  | 1            |           |
| ZZ00000228   | Bushing, Pickup Drive Chain Assembly, Spk - Bearing | 1            |           |
| CAM0033355   | Pickup Tooth Bar Cam Lever Assembly                 | 6            |           |
| LEV0033355   | . Cam Lever   | 1            |           |
| F000000101   | Pickup Tooth Guide Pipe                             | 60           |           |
| NFX0000313   | Nut, Flex Loc, Pickup Tooth Attaching               | 96           |           |
| PCY0033352   | Spacer, Pickup Tooth                                | 78           |           |
| SHF0033356   | Pivot Shaft, Pickup Tooth Bar                       | 6            |           |
| STR0033500   | Stripper, Outer, Pickup                             | 1            |           |
| STR0033501   | Stripper, Inner, Pickup                             | 1            |           |
| STR0033502   | Stripper, Center, Pickup                            | 25           |           |
| F000000440   | Ferrule, Lift Spring Plate, Pickup Assembly         | 1            |           |
| CHN0040125   | Drive Chain, Pickup Auger                           | 1            |           |
| F000004073   | Master Link, Pickup Auger Drive Chain               | 3            |           |
| F000008102   | Kit, Bearing/Flanges, Pickup Real Shaft             | 2            |           |
| F000008339   | Kit, U-Joint Repair, Pickup Driveline               | 2            |           |
| SPK0002318   | Sprocket, Idler, Pickup Auger                       | 40           |           |
| SPK0040030   | Sprocket, Driven, Pickup Auger                      | 1            |           |
| SPK0040045   | Sprocket, Drive, Pickup Auger                       | 1            |           |
| CHN0040125   | Drive Chain, Pickup Auger                           | 1            |           |
| F000004073   | Master Link, Pickup Auger Drive Chain               | 3            |           |
| F000008339   | Kit, U-Joint Repair, Pickup Driveline               | 2            |           |

\* Indicates that the part is used in multiple locations. Quantity shown is for the listed location only.

| Part Number   | Description  | Qty On Baler | Order Qty |
|---|--|--------------|-----------|
| <b>Replace As Required Section 7 - Feeder and Feed Fork (Feed Arm, Fork, House)</b> |  |              |           |
| F00000281   | Spring, Feed House Latch                               | 1            |           |
| F000001563  | Catch, Torque Shaft                                    | 1            |           |
| F000007276  | Ferrule, Feeder House Latch                            | 1            |           |
| F000008231  | Feed Fork Frame  | 1            |           |
| F000007529  | Pivot Shaft Arm  | 1            |           |
| F000008126  | Shaft, Pivot Feed Arm                                  | 1            |           |
| F000008129  | Cap, Bearing Housing, Pivot Shaft, Feed Arm            | 1            |           |
| F000008187  | Washer, Feed Arm Height                                | AR           |           |
| F000008334  | Washer, Feed Arm Pivot Shaft                           | AR           |           |
| F000008262  | Sleeve, Spring Arm                                     | 1            |           |
| PIN24065-1  | Kit, Feed Arm Pin (Pin, Bearing, Nuts)                 | 1            |           |
| 903598  | Kit, Latch Roller Assembly                             | 1            |           |
| F000007604  | Hook, Feed Arm Latch                                   | 1            |           |
| F000007606  | Trip Arm   | 1            |           |
| F000007145  | Wear Plate, Feed House-Chamber (16")                   | 1            |           |
| PLT0028360  | Wear Plate, Feed House-Chamber (15")                   | 1            |           |
| 903374  | Wear Plate, Feed House-Chamber (14")                   | 1            |           |
| F000007967  | Tine, Inside Trailing                                  | 1            |           |
| F000007968  | Tine, Center Trailing                                  | 1            |           |
| F000007969  | Tine, Outside Trailing                                 | 1            |           |
| F000001189  | Tine, Middle   | 1            |           |
| F000001603  | Tine, Leading  | 2            |           |
| F000008130  | Retaining Ring, Bearing Housing, Pivot Shaft, Feed Arm | 1            |           |
| F000008131  | Nut, Bearing Housing, Pivot Shaft, Feed Arm            | 2            |           |
| F000008132  | Lock Washer, Bearing Housing, Pivot Shaft, Feed Arm    | 1            |           |
| F000008133  | Bearing Cup, Bearing Housing, Pivot Shaft, Feed Arm    | 1            |           |
| F000008134  | Bearing Cone, Bearing Housing, Pivot Shaft, Feed Arm   | 2            |           |
| F000008135  | Seal, Oil, Bearing Housing, Pivot Shaft, Feed Arm      | 1            |           |
| F000008136  | Dust Cap, Bearing Housing, Pivot Shaft, Feed Arm       | 1            |           |
| F000008264  | Bumper, Rubber, Feed Arm Stop                          | 1            |           |
| 903598  | Kit, Latch Roller Assembly                             | 1            |           |
| F000008139  | Sleeve, Pivot Shaft, Feed Arm                          | 1            |           |
| F000008141MP2   | Bushing, Pair, Feed Arm                                | 1 PR         |           |

\* Indicates that the part is used in multiple locations. Quantity shown is for the listed location only.

## Replace As Required

| Part Number   | Description   | Qty On Baler | Order Qty |
|---|---|--------------|-----------|
| <b>Replace As Required Section 8 - Knotter (Conventional)</b> |   |              |           |
| KNT006006A  | Knotter Head Assembly, Conventional (includes shaded items below) | 3            |           |
| RS206377212   | . Kit, Knife Arm Pin, Washers, Nut                                | 3            |           |
| F000007976  | . Snap Ring, Knife Arm Shaft, Knotter                             | 1            |           |
| RS00006035  | . Bill Hook (Option, Larger = > 280 Twine)                        | 1            |           |
| RS00003786  | . Trigger, Bill Hook  | 1            |           |
| RS00001514  | . Roll Pin, Bill Hook   | 1            |           |
| F000008068  | . Spacer, Bill Hook Pinion 0.020"                                 | A/R          |           |
| F000008069  | . Spacer, Bill Hook Pinion 0.035"                                 | A/R          |           |
| 900249  | . Knotter Clutch Disk   | 1            |           |
| 900182  | . Kit, One Knotter Rebuild  | Qty In Kit   |           |
| F000008050  | .. Arm, Knife, Complete   | 1            |           |
| F000008274  | ... Roller, Knife Arm   | 1            |           |
| F000008280  | ... Washer, Roller, Knife Arm                                     | 2*           |           |
| F000008049  | ... Knife, Twine  | 1            |           |
| F000007860  | .. Washer, Knife Arm, Knotter                                     | 1            |           |
| F000008051  | .. Cam, Knotter Hook  | 1            |           |
| F000007868  | .. Twine Holder   | 1            |           |
| F000008052  | .. Spring, Twine Holder   | 3            |           |
| F000007876  | .. Shaft, w/Worm Gear   | 1            |           |
| F000007871  | .. Pinion, Twine Holder   | 1            |           |
| GER0007873  | .. Pinion Gear, Worm Shaft, Knotter                               | 1            |           |
| RS00006015  | .. Bill Hook (Standard < 280 Twine)                               | 1            |           |
| RS00003786  | .. Trigger, Bill Hook   | 1            |           |
| RS00001514  | .. Roll Pin, Bill Hook  | 1            |           |
| 253270  | .. Pinion, Bill Hook  | 1            |           |
| RS00006002  | .. Bushing, Bill Hook   | 1            |           |
| 253271  | .. Spiral Pin, Bill Hook Gear                                     | 1            |           |
| RS00006003  | .. Bushing, Twine Disk  | 1            |           |
| RS00006085  | .. Retainer, Twine Disk   | 1            |           |
| RS00602201  | .. Bushing, Knife Arm   | 1            |           |
| F000001680  | . Washer, Knotter Worm Shaft                                      | 1*           |           |
| RS05227344  | . Pin, Spiral, Worm Pinion & Twine Disk Pinion                    | 2            |           |
| F000007870  | . Cleaner, Twine Disc   | 2            |           |
| F000008199  | Sight Tube, Knotter Lube Tank                                     | 2            |           |
| FIL0009052  | Filter, Knotter Luber   | 1            |           |
| 259013  | Element & Seal Kit, Knotter Luber                                 | 1            |           |
| 259014  | Spring Kit, Knotter Luber   | 1            |           |

| Part Number  | Description  | Qty On Baler | Order Qty |
|--|--|--------------|-----------|
| <b>Replace As Required Section 8 - Knotter (Conventional), continued</b> |  |              |           |
| F000007449   | Brake Plate & Lining, Inside, Knotter                    | 1            |           |
| F000007450   | Brake Plate & Lining, Outer, Knotter                     | 1            |           |
| F000001441   | Lube Fitting, Elbow w/Sleeve (To Manifold)               | 1            |           |
| LUB0083313   | Injector, Luber, Knotter, With Compression Nut/Sleeve    | 18           |           |
| LUB0083924   | . Compression Nut/Sleeve, Injector, Knotter              | 18           |           |
| F000008287   | Lube Fitting, Knotter                                    | 6            |           |
| F000008288   | Lube Fitting, Knotter                                    | 12           |           |
| F000004160   | Bushings, Knotter Shaft (14 GA)                          | A/R          |           |
| F000004161   | Bushings, Knotter Shaft (18 GA)                          | A/R          |           |
| 256353   | Bale Counter   | 1            |           |
| F000000440   | Ferrule, Knotter Trip Mount                              | 1            |           |
| F000008023   | Guide Washer, Friction Disk                              | 2            |           |
| F000001531   | Meter Wheel  | 1            |           |
| 902535   | Knotter Top Plate  | 1            |           |
| F000007891   | Twine Tension Assembly                                   | 3            |           |
| F000007890   | . Top Plate, Twine Tensioner (14", 15" and 16" chambers) | 1            |           |
| 908723   | . Top Plate, Twine Tensioner (14 x 21" chamber)          | 1            |           |
| F000007585   | Sleeve, Saddle Lever Anchor, Knotter                     | 1            |           |
| F000007586   | Bushing, Saddle Lever Anchor, Knotter                    | 1            |           |
| F000007587   | Seal, Saddle Lever Assembly, Knotter                     | 2            |           |
| F000004089   | Grease Fitting, Saddle Lever Roller                      | 1            |           |
| F000001517   | Twine Finger Shaft Spring                                | 1*           |           |
| F000008144   | Twine Finger Bushing Nut                                 | 3            |           |
| ROD0020044   | Twine Finger Drive Rod                                   | 3            |           |
| F000000159   | Twine Finger Drive Rod End Block                         | 3            |           |
| 221708W  | Twine Finger Drive Rod Jam Nut                           | 3            |           |
| F000004136   | Large Washer, Clutch Housing-to-Disk                     | 1            |           |
| F000007063   | Bearing, Knotter Shaft                                   | 2*           |           |
| F000007397   | Sprocket, Idler, Knotter Drive                           | 4            |           |
| F000008084   | Rod, Chain Tightener, Knotter Drive                      | 1            |           |
| F00008335  | Twine Finger   | 3            |           |
| LUB0083313   | Injector, Luber, Knotter, With Compression Nut/Sleeve    | 18           |           |
| F000008287   | Lube Fitting, Knotter                                    | 6            |           |
| F000008288   | Lube Fitting, Knotter                                    | 12           |           |
| 256353   | Bale Counter   | 1            |           |
| BRG0001572   | Follower Cam, Knotter Trip Bar                           | 1            |           |
| F000000278   | Spring, Knotter Trip Arm                                 | 1            |           |
| F000001517   | Knotter Trip Spring                                      | 1*           |           |

## Replace As Required

| Part Number | Description | Qty On Baler | Order Qty |
|-------------|-------------|--------------|-----------|
|-------------|-------------|--------------|-----------|

### Replace As Required Section 8 - Knotter (Conventional), continued

|            |                             |   |  |
|------------|-----------------------------|---|--|
| F00000440  | Ferrule, Knotter Trip Mount | 1 |  |
| F000001687 | Friction Disk               | 1 |  |
| F000008023 | Guide Washer, Friction Disk | 2 |  |
| F000001531 | Meter Wheel                 | 1 |  |
| F000001687 | Bar, Trip Meter             | 1 |  |

### Replace As Required Section 9 - Needle Yoke and Needles

|            |  |   |  |
|------------|--|---|--|
| F000007552 | Kit, Carriage Bolt & Nut, Needle to Yoke   | 6 |  |
| 903207     | Needle Yoke                                | 1 |  |
| F000001549 | Needle Yoke Drive Rod End, RH              | 2 |  |
| F000001550 | Needle Yoke Drive Rod End, LH              | 2 |  |
| ZZ00000118 | Grease Fitting, Needle Yoke Drive Rod Ends | 4 |  |

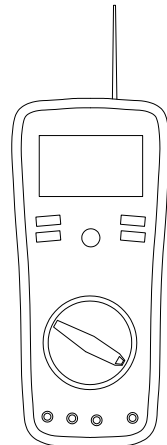
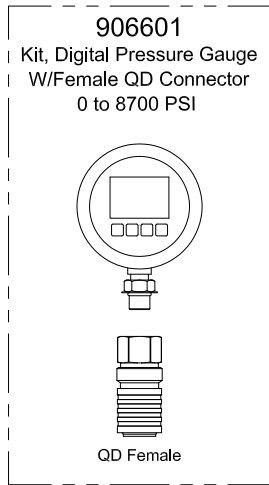
### Replace As Required Section 11 - Electrical System

|            |   |   |  |
|------------|---|---|--|
| 229289     | Light Switch                                | 1 |  |
| DTZ0000626 | Switch, Push Button                         | 2 |  |
| CBK0005510 | Circuit Breaker, 10A                        | 1 |  |
| CBK0014520 | Circuit Breaker, 20A                        | 1 |  |
| 200274     | Circuit Breaker, 30A                        | 1 |  |
| LIT0001815 | Lamp, Warning                               | 4 |  |
| LIT1251131 | Lens, Red, Warning Lamp                     | 4 |  |
| 901521     | Work Light                                  | 3 |  |
| LIT037164B | Tail Light Assy, RH                         | 1 |  |
| LIT037163B | Tail Light Assy, LH                         | 1 |  |
| 909678     | Wiring Harness, Engine Control              | 1 |  |
| 259598     | Relay (Water in Fuel, Main, Preheat, Crank) | 4 |  |

### Replace As Required Section 12 - Misc Parts/ Tools

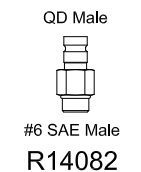
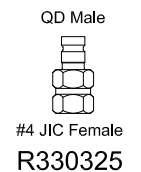
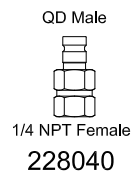
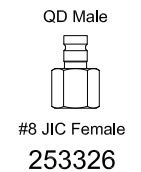
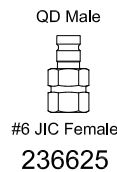
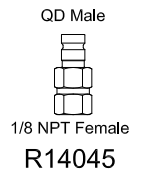
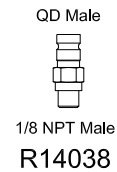
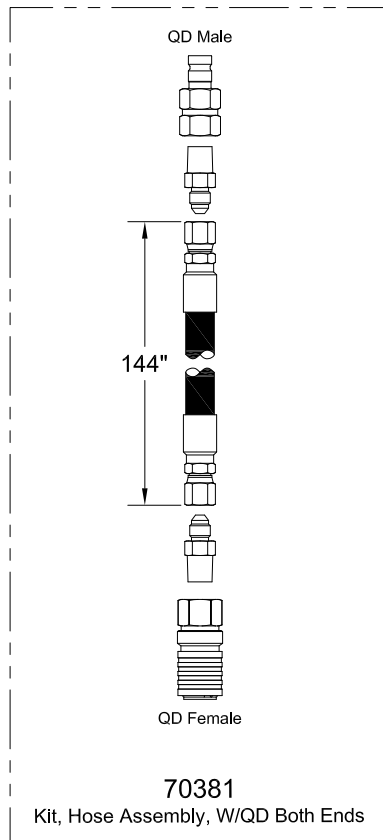
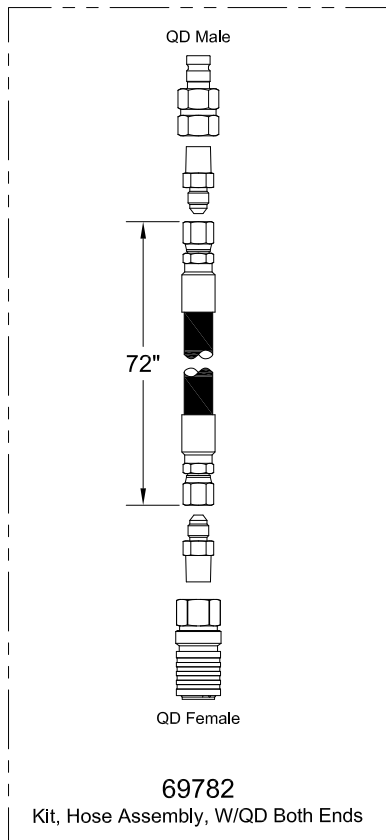
|            |  |   |  |
|------------|--|---|--|
| F000004067 | Cable Roller, Bale Weight Indicator                        | 1 |  |
| WRN035826B | Wrench, Feed Fork Pivot Shaft                              | 1 |  |
| WRN036554B | Wrench, Bearing Locknut                                    | 1 |  |
| 588466     | Socket Set, 3/8" Drive, 3/8" - 7/8" STD/Deep 22 Piece      | 1 |  |
| 588467     | Socket Set, 1/2" Drive, 3/8" - 1-1/4" STD/Deep 30 Piece    | 1 |  |
| 588468     | Socket Set, 3/4" Drive, 7/8" - 2-3/8" STD 29 Piece         | 1 |  |
| 588469     | Combination Wrench Set, 5/16" - 2-1/2" 31 Piece            | 1 |  |
| 588528     | Combination Wrench Set, 7mm - 24mm, 18 Piece               | 1 |  |
| 588527     | Hex Key Set, 1/4" - 5/8", 18 PC                            | 1 |  |
| 906600     | Kit, Digital Pressure Gauge w/Female QD, -14.5 to +250 psi | 1 |  |
| F000007659 | Chain, Bale Chute  | 1 |  |

# Diagnostic Tools



69778  
Multi-Meter, 12 Function  
AC/DC Voltage & Current, Resistance,  
Capacitance, Frequency, Type K & IR  
Temperature, Diode/Continuity, Duty Cycle  
Non-Contact InfraRed Thermometer  
CAT III Test Leads  
Type K Bead Wire Temp Probe

Order from Allied Systems  
Service Parts Department  
503-625-2560.



To find a dealer in your area,  
Call: 503-625-2560,  
Fax: 503-625-7269, or

Visit our website: <http://www.alliedsystems.com>

**Allied Systems**  
COMPANY

Printed in USA