



Suggested Spares Guide



270 Engine Side Feed Baler 14" Chamber

89-055

A Product of

Allied Systems
COMPANY

Sherwood, Oregon USA

Rev: 11-2013

Part Number	Description	Qty On Baler	Order Qty
Section 1 - Front End			
HTH0021097	Hitch	1	
HTH0031000	Hitch Ball W/Nut & Washer	1	
F000000440	Ferrule, Drawbar Latch Lever	1	
Section 2 - Frame and Tension System (Hay Dogs, Chamber, Hub/Spindles)			
F000000188	Spring, Hay Dog	7	
F000000220	Pin, Hay Dog	1	
F000001589	Kit, Haydog Pads W/Screws	7	
F000007911	Haydog, Top	2	
F000007744	Stationary Knife	1	
F000007439	Knife Guide	1	
F000007762	Chamber Liner, Bottom LH, 14"	1	
F000007763	Chamber Liner, Top LH, 14"	1	
F000007767	Chamber Liner, Bottom RH, 14"	1	
F000007809	Chamber Liner, Bottom RH	1	
F000007810	Chamber Liner, Bottom Center	1	
F000007811	Chamber Liner, Bottom, LH	1	
SMF0002002	Capscrew, Chamber Rails	46	
SMF0002003	Capscrew, Chamber Rails	4	
SMF0002004	Capscrew, Chamber Rails	13	
SMF0002005	Capscrew, Chamber Rails	5	
F000007769	Plunger Face Adjusting Pad, LH, Top	1	
F000008116	Plunger Face Adjusting Pad, RH	1	
F000008117	Plunger Face Adjusting Pad, Ctr	1	
F007777-14	Plunger Face Adjusting Pad, LH, Bottom	1	
PLG0026593	Rail, Plunger Side, RH Bottom	1	
CBL1743324	Cable, Tension	1	
FT00000280	Tension Bypass Valve Assy, Complete	1	
FT00000530	Filler Breather, Tension Tank	1	
FT00000546	Oil Filter, Tension Control	1	
FT00000547	Pump, Control, Tension Tank	1	
FT00000555	Sprocket, Drive, Tension Tank	1	
FT00000556	Chain, Drive, Control, Tension Tank	1	
F000008110	Twine Guide Rod	1	
F000008003	Hub/Spindle Assy, Hwy/8-Ply Float	2	
F000008002	. Hub Assy	2	
F000007995	. Retainer, Grease	2	
F000008000	. Hub Cap	2	

Part Number	Description	Qty On Baler	Order Qty
Section 4 - Power unit (Engine, Clutch)			
252494	Oil Filter	1	
257240	Fuel Filter	1	
255494	Air Filter, Outer	1	
255495	Air Filter, Inner	1	
ACL0000004	Air Restriction Indicator, Mini	1	
257241	Belt, Alternator	1	
253343	Belt, Cooling Fan	1	
F000007000	Belt, Drive	1	
SWI0001140	Switch, Ignition	1	
DTZ1173470	Head Temperature Switch	1	
257239	Oil Temperature Switch	1	
257238	Oil Pressure Sender	1	
257242	Stop Switch, Broken Belt	1	
CIR0029071	Auto Shutdown Module	1	
253015	Fuel Solenoid	1	
CLH0203569	Clutch Facing Plate	1	
CLH0332919	Clutch Kit	1	
CBL1743180	Cable Throttle	1	
F000001689	Cap, Fuel Tank	1	
Section 5 - Drive System (Flywheel, Pinion, Bullgear, Con Rod, Plunger, Stop Dog)			
BSH0007127MP2	Flywheel Bushing (set of 2)	1	
SSC0000516	Shear Bolt & Nut Kit, Flywheel	1	
F000001132	Shear Bushing, Flywheel Hub	1	
F000001614	Shear Bushing, Flywheel (Flanged)	1	
HUB0007157	Shear Hub, Flywheel	1	
F000001132	. Bushing, Shear Hub (Included With HUB0007157 Above)	1	
ZZ00002008	Collar, Flywheel Shaft	1	
906113	Bullgear Pinion Shaft Pillow Block Bearing.	2	
GER0007128	Gear, Pinion	2	
F000007035	Seal, Side Plate Assy, Bullgear	4	
F000007033	Bearing Cone, Side Plate Assy, Bullgear	4	
204631	Bearing Cup, Side Plate Assy, Bullgear	4	
F000007036	Race, Seal, Side Plate Assy, Bullgear	2	
F000007037	Nut, Adjusting, Side Plate Assy, Bullgear	2	
F000007488	Key, Pinion Shaft, Bullgear	2	
F000007626	Grease, Bullgear, 1 Gal.	A/R	
LUB0323060	Fitting, Pressure Valve, Bullgear Luber	2	

Part Number	Description	Qty On Baler	Order Qty
Section 5 - Drive System (Flywheel, Pinion, Bullgear, Con Rod, Plunger, Stop Dog) Cont...			
F00000046	Pin, Connecting Rod To Bullgear	1	
PIN0008670	Pin, Connecting Rod Pivot	1	
F000007914	Pin, Connecting Rod, Plunger Side	1	
F000008078	Bushing, Connecting Rod To Bearing Housing	1	
F000008114	Connecting Rod Bearing Housing	1	
F000008077	Race, Inner, Connecting Rod To Bearing Housing	1	
R1574466	Bearing, Connection Rod - Plunger	1	
ZZ00000200	Bushing, Connecting Rod - Plunger	A/R	
KNF21901	Knife, Plunger	1	
F000000227	Plunger Knife Bolt	3	
BRG0001636	Plunger Top Roller Bearing.	1	
F000000774	Plunger Roller Wiper, Front	2	
F000000775	Plunger Roller Bearing, L. Rear	1	
PIN0007831	Roll Pin, Plunger Roller	4	
PLG0007839	Roller Angle, RH	1	
PLG0007840	Angle Weldment, RH	1	
F000000986	Plunger Roller Wiper, Rear	2	
F000001537	Plunger Slide	4	
NYL0001250	Tubing, Lubrication, Plunger	8 Feet*	
F000001441	Lube Fitting, Elbow W/Sleeve	5	
F000007547	Stop Dog, Plunger (14" & 16")	1	
Section 6 - Pickup (Pickup, Drive Chain Assy)			
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 Assy	1	
ZZ00000228	Bushing, Pickup Drive Chain Assy, Spk - Brg.	1	
BRG0006219	Pickup Tooth Bar Cam Lever Bearing	12	
CAM0033355	Pickup Tooth Bar Cam Lever Assy.	6	
LEV0033355	. Cam Lever	1	
BRG0002029	. Bearing	1	
BSH0006231	. Bushing	1	
222477	. Capscrew	1	
NCX0005000	. Nut	1	

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Part Number	Description	Qty On Baler	Order Qty
Section 6 - Pickup (Pickup, Drive Chain Assy) Cont...			
F00000101	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	
TTH0033171	Pickup Tooth	78	
STR0033500	Stripper, Outer, Pickup	1	
STR0033501	Stripper, Inner, Pickup	1	
STR0033502	Stripper, Center, Pickup	25	
F00000440	Ferrule, Lift Spring Plate, Pickup Assy	1	
BRG0067000	Bearing, Pickup Auger	2	
F000008011	Bearing Cup, Pickup Auger	2	
SPK0002318	Sprocket, Idler, Pickup Auger	2	
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	
F000008102	Kit, Bearing/Flanges, Pickup Real Shaft	2	
F000008339	Kit, U-Joint Repair, Pickup Driveline	2	
Section 7 - Feeder and Feed Fork (Feed Arm, Fork, House)			
F000007145	Wear Plate, Feed House-Chamber	1	
F000000281	Spring, Feed House Latch	1	
F000001563	Catch, Torque Shaft	1	
F000007276	Ferrule, Feeder House Latch	1	
F000008264	Bumper, Rubber, Feed Arm Stop	1	
F000008232	Feed Fork Frame	1	
F000001195	Clip, Feed Fork	3	
F000007970	Strap, Inside, Rear Feed Fork Tines	3	
F000007971	Strap, Outside, Rear Feed Fork Tines	3	
F007967-14	Tine, Inside Trailing	1	
F007968-14	Tine, Outside Trailing	1	
F007969-14	Tine, Center Trailing	1	
F001189-14	Tine, Leading Feeder	1	
F000001603	Tine, Short, Leading	2	
F000001193	Feed Fork Tine Bushing	15	
F000000822	Feed Arm, Spring Arm Cam Follower	1	
F000004050	Latch Roller	1	
F000007529	Pivot Shaft Arm	1	

Part Number	Description	Qty On Baler	Order Qty
Section 7 - Feeder and Feed Fork (Feed Arm, Fork, House) Cont...			
F000007604	Hook, Feed Arm Latch	1	
F000007605	Pin, Latch Hinge	1	
F000007606	Trip Arm	1	
F000001556	. Feed Arm Trip Lever Bushing	1	
F000007607	Inner Race, Latch Hinge	1	
F000007610	Latch Hinge	1	
F000008126	Shaft, Pivot Feed Arm	1	
F000008129	Cap, Bearing Housing, Pivot Shaft, Feed Arm	1	
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	
F000008139	Sleeve, Pivot Shaft, Feed Arm	1	
F000008141MP2	Bushing, Pair, Feed Arm	1 PR	
F000008187	Washer, Feed Arm Height	A/R	
F000008334	Washer, Feed Arm Pivot Shaft	A/R	
F000008262	Sleeve, Spring Arm	1	
PIN24065-1	Kit, Feed Arm Pin (Pin, Bearing, Nuts)	1	
903598	Kit, Latch Roller Assy	1	
Section 8 - Knotter			
902848	Knotter Top Plate	1	
F000007891	Twine Tension Assy	2	
F000007890	. Top Plate, Twine Tensioner	1	
F000007449	Brake Plate & Lining, Inside, Knotter	1	
F000007450	Brake Plate & Lining, Outer, Knotter	1	
F000007453	Spring, Brake Plate, Knotter	2	
F000007454	Kit, Brake Lining W/Rivets	1	
F000007559	Spring, Saddle Lever, Knotter Brake	1	
F000007585	Sleeve, Saddle Lever Anchor, Knotter	1	
F000007586	Bushing, Saddle Lever Anchor, Knotter	1	
F000007587	Seal, Saddle Lever Assy, Knotter	2	
F000004089	Grease Fitting, Saddle Lever Roller	1	
CLH0020799	Clutch Pawl, Knotter	1	

Part Number	Description	Qty On Baler	Order Qty
Section 8 - Knotter (Conventional) Cont...			
F000004115	Spring, Knotter Clutch Pawl	1	
PIN0020739	Pin, Clutch Pawl	1	
F000004134	Bearing, Knotter Clutch Disk	1	
F000004135	Inner Race, Knotter Clutch Disk	1	
F000004136	Large Washer, Clutch Housing-to-Disk	1	
F000007063	Pickup Chain Drive, Knotter Shaft	2*	
F000007397	Sprocket, Idler, Knotter Drive	4	
F000008084	Rod, Chain Tightener, Knotter Drive	1	
F000001517	Twine Finger Shaft Spring	1*	
F000000181	Twine Finger Bushing	2	
F000008391	Twine Finger Drive Rod	2	
F000001294	Ball Joint, Twine Finger Drive Rod End, RH	1	
F000001295	Ball Joint, Twine Finger Drive Rod End, LH	1	
NFL0003750	Twine Finger Drive Rod Jam Nut, LH	2	
R013803692	Twine Finger Drive Rod Jam Nut, RH	2	
F000008095	Kit, Bearing/Flanges, Twine Finger Drive Shaft	2	
KNT006006A	Knotter Head Assy, Conventional (Includes Shaded Items below)	2	
<i>900182</i>	<i>. Kit, One Knotter Rebuild</i>	<i>Qty In Kit</i>	
<i>F000008050</i>	<i>.. Arm, Knife, Complete</i>	<i>1</i>	
<i>F000008274</i>	<i>... Roller, Knife Arm</i>	<i>1</i>	
<i>F000008280</i>	<i>... Washer, Roller, Knife Arm</i>	<i>2*</i>	
<i>F000008049</i>	<i>... Knife, Twine</i>	<i>1</i>	
<i>F000007860</i>	<i>.. Washer, Knife Arm, Knotter</i>	<i>1</i>	
<i>F000008051</i>	<i>.. Cam, Knotter Hook</i>	<i>1</i>	
<i>F000007868</i>	<i>.. Twine Holder</i>	<i>1</i>	
<i>F000008052</i>	<i>.. Spring, Twine Holder</i>	<i>3</i>	
<i>F000007876</i>	<i>.. Shaft, W/Worm Gear</i>	<i>1</i>	
<i>F000007871</i>	<i>.. Pinion, Twine Holder</i>	<i>1</i>	
<i>GER0007873</i>	<i>.. Pinion Gear, Worm Shaft, Knotter</i>	<i>1</i>	
<i>RS00006015</i>	<i>.. Bill Hook (Standard < 280 Twine)</i>	<i>1</i>	
<i>253270</i>	<i>.. Pinion, Bill Hook</i>	<i>1</i>	
<i>RS00006002</i>	<i>.. Bushing, Bill Hook</i>	<i>1</i>	
<i>253271</i>	<i>.. Spiral Pin, Bill Hook Gear</i>	<i>1</i>	
<i>RS00006003</i>	<i>.. Bushing, Twine Disk</i>	<i>1</i>	
<i>RS00006085</i>	<i>.. Retainer, Twine Disk</i>	<i>1</i>	
<i>RS00602201</i>	<i>.. Bushing, Knife Arm</i>	<i>1</i>	

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Part Number	Description	Qty On Baler	Order Qty
Section 8 - Knotter (Conventional) Cont...			
RS206377212	. Kit, Knife Arm Pin, Washers, Nut	2	
F000007976	. Snap Ring, Knife Arm Shaft, Knotter	1	
F000001680	. Washer, Knotter Worm Shaft	1*	
RS05227344	. Pin, Spiral, Worm Pinion & Twine Disk Pinion	2	
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**	
F000007870	. Cleaner, Twine Disc	2	
900249	. Knotter Clutch Disk	1	
F000007948	. Screw, Adjusting Hook Cam	2	
GER0006068	Gear, Modular Cam, Knotter	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	
F000001441	Lube Fitting, Elbow W/Sleeve (To Manifold)	1	
F000008312	Sleeve, Luber Manifold, Knotter	1	
F000008306	Ferrule, Auto Luber Fitting	12	
LUB0083313	Injector, Luber, Knotter, With Compression Nut/Sleeve	12	
LUB0083924	. Compression Nut/Sleeve, Injector, Knotter	1	
NYL0001250	Tubing, Lubrication, Knotter	36 Feet*	
F000008287	Lube Fitting, Knotter	4	
F000008288	Lube Fitting, Knotter	8	
F000004160	Bushings, Knotter Shaft (14GA)	A/R	
F000004161	Bushings, Knotter Shaft (18GA)	A/R	
256353	Bale Counter	1	
BRG0001572	Follower Cam, Knotter Trip Bar	1	
F000000278	Spring, Knotter Trip Arm	1	
F000001517	Knotter Trip Spring	1*	
F000000440	Ferrule, Knotter Trip Mount	1	
F000001687	Friction Disk	1	
F000001531	Meter Wheel	1	
KNT0032132	Bar Assy, Trip Meter	1	

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Part Number	Description	Qty On Baler	Order Qty
Section 9 - Needle Yoke and Needles			
904347	Needle Yoke	1	
904343	Bearing Assy, LH, Needle Yoke	1	
256736	. Bearing, Needle Yoke	1*	
904344	Bearing Assy, RH, Needle Yoke	1	
256736	. Bearing, Needle Yoke	1*	
226272	Bushing, Needle Yoke	2	
F000001549	Needle Yoke Drive Rod End, RH	1	
F000001550	Needle Yoke Drive Rod End, LH	1	
ZZ00000118	Grease Fitting, Needle Yoke Drive Rod Ends	2	
F000001611	Needle	2	
F000000856	Twine Guide Bushing	8	
F000000857	Twine Guide Snap Ring	8	
F000007552	Kit, Carriage Bolt & Nut, Needle to Yoke	4	
SPG0020662	Spring, Stop Dog Return	1	
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	

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Part Number	Description	Qty On Baler	Order Qty
Section 12 - Misc Parts/ Tools			
F000004067	Cable Roller, Bale Weight Indicator	1	
X-203242	Hay Dog Tool		
WRN035826B	Wrench, Feed Fork Pivot Shaft		
WRN036554B	Wrench, Bearing Locknut		
588466	Socket Set, 3/8" Drive, 3/8" - 7/8" STD/Deep 22 Piece		
588467	Socket Set, 1/2" Drive, 3/8" - 1-1/4" STD/Deep 30 Piece		
588468	Socket Set, 3/4" Drive, 7/8" - 2-3/8" STD 29 Piece		
588469	Combination Wrench Set, 5/16" - 2-1/2" 31 Piece		
588528	Combination Wrench Set, 7mm - 24mm, 18 Piece		
588527	Hex Key Set, 1/4" - 5/8", 18 PC		
906600	Kit, Digital Pressure Gauge W/Female QD, -14.5 to +250 psi		

Notes:

* In the "Qty On Baler" column indicates that the part is used in more than one location. Qty shown is for the listed location only.

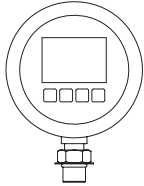

One dot preceding the description indicates that the item is a component part of the previously listed item or assembly with no dot. Two dots preceding the description indicates that the item is a component part of the previously listed item or assembly with one dot. Example below, the "Rubber Boot Seal" is included in the "Switch Assembly." Qty's listed for component parts indicate how many are included in the previously listed item.

Switch Assembly 4 (# assemblies on baler)
 . Rubber Boot Seal 1 (# seals in assembly)

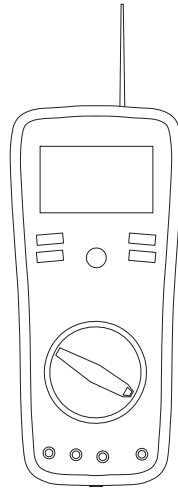
Please include your baler serial number when ordering parts.

Diagnostic Tools

906601
 Kit, Digital Pressure Gauge
 W/Female QD Connector
 0 to 8700 PSI

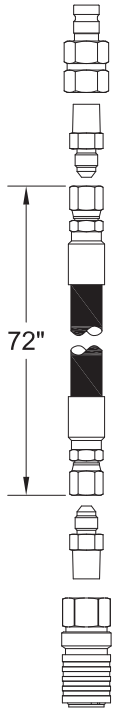
QD Female



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.

QD Male

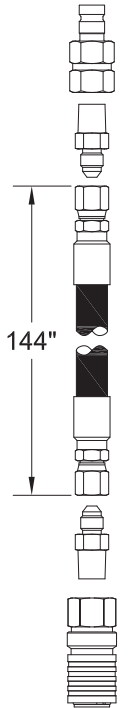


72"

QD Female

69782
 Kit, Hose Assembly, W/QD Both Ends









QD Male



144"

QD Female

70381
 Kit, Hose Assembly, W/QD Both Ends

<p>QD Male</p>  <p>1/8 NPT Male</p> <p>R14038</p>	<p>QD Male</p>  <p>1/8 NPT Female</p> <p>R14045</p>
<p>QD Male</p>  <p>#6 JIC Female</p> <p>236625</p>	<p>QD Male</p>  <p>#8 JIC Female</p> <p>253326</p>
<p>QD Male</p>  <p>1/4 NPT Female</p> <p>228040</p>	<p>QD Male</p>  <p>#4 JIC Female</p> <p>R330325</p>
<p>QD Male</p>  <p>#4 SAE Male</p> <p>R14040</p>	<p>QD Male</p>  <p>#6 SAE Male</p> <p>R14082</p>



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