



## Suggested Spares Guide



## 1592D Big Baler With Double Knotter Self Propelled Module

89-065

A Product of

**Allied Systems**  
COMPANY

Sherwood, Oregon USA

Rev: 6/27/2013

Part Number	Description	Qty On Baler	Order Qty
<b>Belts</b>			
BLT0000042	Cog Belt (Tension Pump)	1	
BLT0000038	Alternator Cog Belt	1	
<b>Chain</b>			
CHN0005000	#50 Roller Chain	10'	
CHN0000600	#60 Roller Chain	25'	
CHN0000800	#80 Roller Chain	14'	
F00000025	#50 Connector Link	2	
F000000760	#60 Connector Link	3	
CNK0000800	#80 Connector Link	2	
F000000123	#50 Offset Link	4	
F000000759	#60 Offset Link	6	
OFL0000102	#80 Offset Link	4	
<b>Electrical</b>			
252639	5m CAN Bus Cable	2	
259078	Button, Push (Disable)	3	
259079	Contact Block (Disable)	3	
905360	Cylinder, Enclosed Sensor, Plunger Position	1	
584026	Transducer, 3000 PSI, Tension System	1	
904478	Transducer, 5000 PSI, Feed Fork/Knotter & Feeder	2	
903407	Transducer, 7500 PSI, Plunger	1	
905847	Fuse, 125A	1	
905814	Relay, Micro w/ Diode	6	
905718	Relay, Reversing Module	2	
221801	Relay, Solenoid	3	
901890	Switch Assembly, Prox	3	
903158	Sensor Assembly	3	
903820	Sensor Assembly; 360Deg Position	1	
904204	Switch, Pressure	1	
904298	In Cab Monitor (ICM), Programmed	1	
254837	Module, Expansion	2	
F000006639	Battery, 12 Volt	1	

Part Number	Description	Qty On Baler	Order Qty
<b>Pickup</b>			
BSH0006231	Cam Lever Roller Bushing	2	
F000001793	Friction Disc Pick-Up Clutch	2	
MNT0013456	Pickup Tooth Mount	55	
PCY0013464	Pick-Up Fingers	70	
905584	RH Stripper Plate With Lip	1	
905585	LH Stripper Plate With Lip	1	
905586	Center Stripper Plate With Lip	24	
253391	Sprocket, Idler	3	
BKT0015687	Pickup Lift Stop Bracket	2	
F000001790	Compression Spring F/PTO Clutch	6	
F000001791	Pin, Clutch	2	
BLT0026167	Auger Deflector	2	
F000001517	Windguard Trip Spring	2*	
LEV0023055	Tooth Bar Cam Lever	5	
BRG0002029	Bearing, Tooth Bar Cam Lever	5	
BSH0006231	Bushing, Tooth Bar Cam Lever	5	
221569W	Capscrew, Tooth Bar Cam Lever	5	
R13811433	Washer, Tooth Bar Cam Lever	5	
234218	Nut, Tooth Bar Cam Lever	5	
<b>Feeder/Feed Fork</b>			
905512	Infeed Chute Liner	1	
Y088307.5	Feed Fork Link Arm Bearing	4	
BRG0106250	Feeder Tine Link Bearing	4	
CRA036495E	PL, Crank	1 Pair	
BSH0001026	Bushing	1	
SLV0018935	Sleeve	1	
TIN0231340	LH Feed Crank Tine	3	
TIN0231341	RH Feed Crank Tine	3	
SLV0018935	Sleeve, Shear, Feed Fork	1	
SFC0080513	Bolt, Shear, Feed Fork	1	
WAS0020049	Washer, Shear, Feed Fork	3	
221712W	Nut, Shear, Feed Fork	2	

Part Number	Description	Qty On Baler	Order Qty
<b>Plunger</b>			
BRG00CYR3S	Plunger Roller Bearing	4	
KNF0022602	Plunger Center Knife	5	
905633	Plunger Outer Knife	2	
905634	16 GA. Outside Plunger Knife Shim	A/R	
905635	30 GA. Outside Plunger Knife Shim	A/R	
SHM0226040	16 GA. Center Plunger Knife Shim	A/R	
SHM0226041	30 GA. Center Plunger Knife Shim	A/R	
PWB3751750	Plow Bolt, Plunger Knife	14	
R13811191	Locknut, Plunger Knife	14	
<b>Hydraulic</b>			
Feed Fork/Knotter Valve Manifold VLV0017304			
904682	Seal Kit; Feed Fork/Knotter Valve (Complete)	1	
905956	Relief Valve, Cartridge, Feed Fork/Knotter Valve Manifold	3	
905958	C.B. Valve, Cartridge, Feed Fork/Knotter Valve Manifold	1	
905957	C.B. Valve, Cartridge, Feed Fork/Knotter Valve Manifold	1	
VLV0000416	Restrictor Valve, Feed Fork/Knotter Valve Manifold	2	
Plunger Cylinder Manifold 905757			
904738	Seal Kit; Plunger Cylinder Manifold - (Complete)	1	
905746	Valve, Plunger Cylinder Manifold	1	
905749	Valve, Plunger Cylinder Manifold	2	
905750	Valve, Plunger Cylinder Manifold	2	
905751	Valve, Plunger Cylinder Manifold	1	
905752	Valve, Plunger Cylinder Manifold	1	
905754	Valve, Plunger Cylinder Manifold	2	
905755	Valve, Plunger Cylinder Manifold	1	
905756	Valve, Plunger Cylinder Manifold	1	
Feeder Manifold			
905791	Feeder Valve, Directional Control	1	
-----	. Seal Kit	1	
VLV0000034	Relief Valve	1	
R15014	. Seal Kit	1	

Part Number	Description	Qty On Baler	Order Qty
<b>Hydraulic Cont....</b>			
SEL0000KT4	Seal Kit For Side Tension Cyl (CYL00TC408)	2	
SEL0TC3516	Seal Kit For Top & Bottom Tension Cylinder (CYL0TC3516)	2	
256970	Valve, Prop Relief, Tension Manifold	1	
257688	. Kit, Seal, Viton; F/256970, All Seals	1	
257689	. Kit, Seal, Viton; F/256970, Coil Seals Only	1	
257255	Valve, Solenoid, Tension Manifold	1	
257690	. Kit, Seal, Polyurethane; F/257255	1	
CYL0000205	Pickup Lift Cylinder	1	
SEL0001505	. Seal Kit (Pickup Lift Cylinder, CYL0000205)	1	
905797	Plunger Cylinder	1	
904736	. Seal Kit; Plunger Cylinder	1	
SEL0024785	Seal Kit For Make-Up Cylinder CYL24785	2	
SEL0061238	Seal Kit - Needle Yoke Motor (MTR1091102)	2	
905179	Seal Kit - Feeder Motor (905178)	1	
PMP3301972	Pump, Dual, For Knotter/Feed Fork/Feeder	1	
905772	. O-Ring (For Use With PMP3301972)	1	
258005	Main Pump	1	
FIL0164056	. Oil Filter; F/ Charge Pump 258005	1	
FIL0009052	In-line Filter, Knotter Luber Pump	1	
FIL0001592	Filter Assembly, Hydraulic Tank Return	1	
906908	. Element, Hydraulic Return Filter	2	
240517	. Seal Kit, Hydraulic Return Filter	1	
-----	Hydraulic Hose Kit	1	

Part Number	Description	Qty On Baler	Order Qty
<b>Double Knotter</b>			
900179	Side Hay Dog Spring	8	
254784	Grooved Bearing (Needle, Slack Puller, Tucker)	24	
901729	Twine Needle Assembly	6	
230668	. Needle Roller Bolts (Will Need To Grind Flush After Installing)	2	
905535	Plow Bolt, Needle Mount	24	
221771W	Washer, Needle Mount	24	
223587	Lock Nut, Needle Mount	24	
257605	Roller, Needle (Bill Hook)	6	
257606	Pinion, Short, Bill Hook	6	
256549	Cam Follower (Tucker/Twine Finger Drive Arm)	2	
904214	Guide Assembly, Twine Roller	1	
BRG0001300	Rod End Bearing LH	6	
BRG0001301	Rod End Bearing RH	6	
BRGCRSBC20	Stud Cam Follower	2	
F000000856	Twine Guide Bushing	48	
F000000857	Twine Guide Bushing Snap Ring	48	
F000001517	Return Spring	10*	
905923	Latching Return Spring	2	
F000007449	Inside Brake Plate W/Lining	1	
F000007450	Outside Brake Plate W/Lining	1	
LUB0083924	Compression Nut & Sleeve	36	
MTR0022706	Knotter Fan Motor	2	
PIN0375125	Pin, Snapper (Knotter Assembly)	6	
905037	Twine Finger Drive Rod	6	
TNS0035148	Twine Roller Tensioner Assembly	12	
256549	Follower, Cam, 1" Dia	2	
257265	Follower, Cam, 1" Dia Crowned	1	
904339	Roller, Knotter Stop	1	
901880	Twine Finger	6	
904509	Eyebolt	2	
F000006003	Bearing & Set Collar	2	
F000006004	Flangette	2	
F000007154	Spring, Extension	2	
LUB0833116	Luber Assembly	1	
905074	PL, Mounting	6	
905073	Bushing With Key	6	
903820	Sensor, Meter Wheel	1	

Part Number	Description	Qty On Baler	Order Qty
<b>Double Knotter Cont....</b>			
257971	Knotter Assembly	6	
F000007860	. Knife Arm Washer	A/R	
F000007871	. Hardened Worm Pinion	6	
F000007876	. Shaft, Worm	6	
F000007947	. Knotter Hook Cam Adjust Spring	6	
F000007976	. Snap Ring Knife Arm Shaft	6	
F000008052	. Twine Holder Spring	6	
F000008144	. Twine Finger Bushing Nut	6	
F000008146	. Twine Finger Washer	6	
F000008274	. Roller Knife Arm	6	
F000008275	. Snap Ring Knife Arm Roller	6	
F000008280	. Washer, Knotter Worm, 1.0mm	A/R	
RS00010500	. Washer, Knotter Worm, 0.5mm	A/R	
RS05227344	. Spiral Pin Knotter Gears	1	
RS20637724	. Knife Arm Pin	6	
RS20637801	. Knotter Worm & Shaft (Complete Only)	6	
RS20637841	. Twine Holder	6	
RS20644360	. Twine Knife	6	
RS20661231	. Knife Arm Complete	6	
RS20661240	. Twine Disc Assembly	6	
RS20661280	. Bill Hook	6	
RS00602201	. Knife Arm Bushing	1	
RS00006002	. Bill Hook Bushing	1	
RS00006003	. Twine Disc Bushing	1	
RS03451926	. Pin F/Bill Hook Cam & Spring	2	
253271	. Roll Pin, Pinions	2	
903716	Twine Finger	6	
904671	Drive Rod, Twine Finger	6	
F000008288	Lube Fitting, 90°	30	
WIR00G101C	Ferrel	60	
RS26531311	Twine Disc Assembly	6	
RS20632030	Jaw Cam	6	
RS20661260	Worm Gear Pinion	6	
F000000658	Knotter Worm Washer, 14 GA.	A/R	
F000007870	Cleaner, Twine Disc	6	
257607	Shim, Needle Roller, 0.02mm	A/R	
257608	Shim, Needle Roller, 0.05mm	A/R	
257609	Shim, Needle Roller, 1.0mm	A/R	

Part Number	Description	Qty On Baler	Order Qty
<b>Misc Parts/ Tools</b>			
F00008105	Guide Pipe, Twine Roller	2	
NYL0001250	Lubrication Tubing	90'	
PAD0025218	Pad, Slack Puller	6	
904270	Remote Service Camera, w/ Magnetic Mount & Harness	-	
256612	Camera	1	
257498	Camera Light Assembly	1	
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 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. Example below, the two (2) Elements are included in the Filter Assembly.

FIL0001592	Filter Assembly, Hydraulic Tank Return	1
906908	. Element, Hydraulic Return Filter	2

- - - - - Indicates that part number was not available at time of publication.

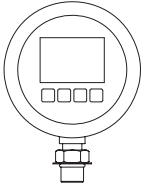

Please include your baler serial number when ordering parts.



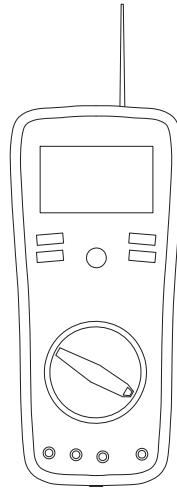
# Diagnostic Tools

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

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

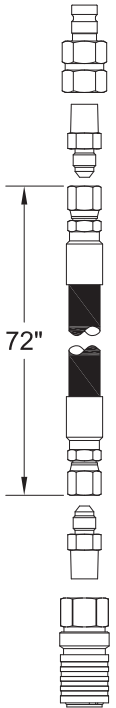



QD Female



**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

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

QD Male	QD Male
	
1/8 NPT Male	1/8 NPT Female
<b>R14038</b>	<b>R14045</b>
QD Male	QD Male
	
#6 JIC Female	#8 JIC Female
<b>236625</b>	<b>253326</b>
QD Male	QD Male
	
1/4 NPT Female	#4 JIC Female
<b>228040</b>	<b>R330325</b>
QD Male	QD Male
#4 SAE Male connector" data-bbox="770 855 795 895"/>	
#4 SAE Male	#6 SAE Male
<b>R14040</b>	<b>R14082</b>



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