



W3C Towing Winch

Recommended Service Kits

The following pages list the service kits that are available for your Allied W3C Winch. Each kit includes all parts listed in the table.

Pages 1 and 2 include a Brake Assembly Kit and a Clutch Assembly Kit. Order these kits in preparation for the 5,000 hour scheduled maintenance.

Pages 2 and 3 contain three Input Clutch Shaft Bearing Kits. Select the kit number relevant for your winch, and order a quantity of kit(s) necessary in preparation for the 10,000 hour scheduled maintenance.

Pages 3 and 4 contain a Clutch, Brake and Intermediate Shaft Bearing & Seal Kit, and Ring/Pinion, Drum and Freespool Shaft Bearing & Seal Kit. Order these kits in preparation for the 10,000 hour scheduled maintenance.

Pages 4 and 5 contain a list of Miscellaneous Parts, a list of Tool Kits and a list of Diagnostic Tools, which will help you install and maintain your winch(es).

Note: Allied winch parts manuals are available for free download at <http://www.alliedsystems.com/pubs/pubs.htm>.

Brake Assembly Kit, P/N: 2300576W

Applies to: All		See Section 5 in Parts Manual	Order Quantity
Service Interval: Every 5,000 hours			
Allied P/N	Description	Quantity in Kit	Order Quantity
2300576W	Brake Assembly Kit	7	
2304873W	. Plate, Friction	7	
2304874W	. Plate, Separator	1	
86596W	. O-Ring	1	
87287W	. O-Ring	1	
211564	. O-Ring	1	
39756W	. O-Ring	1	
346677W	. Ring, Sealing	2	
60653W	. O-Ring	1	
16484W	.O-Ring	1	

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Clutch Assembly Kit, P/N: 2303047W

Applies to: All		See Section 5 in Parts Manual	Order Quantity
Service Interval: Every 5,000 hours			
Allied P/N	Description	Quantity in Kit	Order Quantity
2303047W	Clutch Assembly Kit		
2304873W	. Plate, Friction	5	
2304874W	. Plate, Separator	10	
1314447W	. Spring, Clutch	1	
334402W	. Seal, Clutch Pack	1	
140597W	. O-Ring	1	
44503W	. Seal, Oil	1	
346677W	. Ring, Sealing	2	
1314549W	. Spring, Guide	1	
16484W	. O-Ring (Used in Control Valve)	3	
100153W	. O-Ring (Used in Control Valve)	6	
313022W	. Adhesive (Not Shown)	1	
334480W	. Snap Ring, EXT.	1	
2304919W	. Ring	1	

Note: Inspect all hydraulic hoses during the 5,000 hour overhaul. Replace hoses as required.

Download Allied winch parts manuals at <http://www.alliedsystems.com/pubs/pubs.htm>.

Input Clutch Shaft Bearing Kit, P/N: 2313007

Applies to:	Gear Ratios				PFO	PFR	Low PTO Input	High PTO Input	Tractor Code	See Section 5 in Parts Manual
	30:1	39:1	40:1	61:1						
			X	X						
	X	X		X		X		All Except R15		
Service Interval: Every 10,000 hours										
Allied P/N	Description	Quantity in Kit	Order Quantity							
2313007	Input Clutch Shaft Bearing Kit									
44308W	. Bearing, Ball	1								
41208W	. Bearing, Ball	1								
2300831W	. Bearing, Ball	1								



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Input Clutch Shaft Bearing Kit, P/N: 2313008

Applies to:	Gear Ratios				PFO	PFR	Low PTO Input	High PTO Input	Tractor Code	See Section 5 in Parts Manual
	30:1	39:1	40:1	61:1						
			X	X		X		R15		
X	X			X			X	All		
X			X	X			X	All		
Service Interval: Every 10,000 hours										
Allied P/N	Description								Quantity in Kit	Order Quantity
2313007	Input Clutch Shaft Bearing Kit									
44308W	. Bearing, Ball								1	
41208W	. Bearing, Ball								1	
2300831W	. Bearing, Ball								2	

Input Clutch Shaft Bearing Kit, P/N: 2313009

Applies to:	Gear Ratios				PFO	PFR	Low PTO Input	High PTO Input	Tractor Code	See Section 5 in Parts Manual
	30:1	39:1	40:1	61:1						
			X		X	X		R15		
		X	X		X	X		All Except R15		
	X				X	X		All Except R15		
	X	X			X		X	All		
		X	X		X		X	All		
Service Interval: Every 10,000 hours										
Allied P/N	Description								Quantity in Kit	Order Quantity
2313009	Input Clutch Shaft Bearing Kit									
41208W	. Bearing, Ball								1	
2300831W	. Bearing, Ball								4	

Clutch, Brake and Intermediate Shaft Bearing & Seal Kit, P/N: 2313010

Applies to: All								See Section 5 in Parts Manual		
Service Interval: Every 10,000 hours										
Allied P/N	Description								Quantity in Kit	Order Quantity
2313010	Clutch, Brake and Intermediate Shaft Bearing & Seal Kit									
41308W	. Bearing, Ball								1	
43206W	. Bearing, Ball								1	
139385W	. Ring, Snap								1	
1314580W	. Ring, Sanp								1	
313022W	. Adhesive (Not Shown)								AR	
44310W	. Bearing, Ball								1	
41208W	. Bearing, Ball								2	
12891W	. Ring, Snap								3	

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Ring/Pinion, Drum and Freespool Shaft Bearing & Seal Kit, P/N: 2313011

Applies to: All		See Section 5 in Parts Manual	Order Quantity
Service Interval: Every 10,000 hours			
Allied P/N	Description	Quantity in Kit	Order Quantity
2313011	Ring and Pinion, Drum and Freespool Shaft Bearing & Seal Kit		
240683W	. Ring, Snap	1	
296844W	. Bearing, Roller	1	
2300492W	. Cone, Roller Bearing	1	
2300496W	. Cup, Roller Bearing	1	
2300493W	. Cup, Roller Bearing	1	
2300494W	. Cone, Roller Bearing	1	
37591W	. Ring, Snap	1	
16299	. O-Ring	1	
1314686W	. Cone, Roller Bearing	1	
1314685W	. Cup, Roller Bearing	1	
313022W	. Adhesive (Not Shown)	1	
1314777W	. Sleeve, Wear	1	
1314783W	. Seal, Oil	1	
137153W	. Cup, Roller Bearing	1	
137155W	. Cone, Roller Bearing	1	
30190W	. Cup, Roller Bearing	2	
1314483W	. Cone, Roller Bearing	2	
1314704W	. Seal, Oil	2	

Miscellaneous Parts

In addition to the kits listed above and on the previous pages, Allied Systems Company recommends that you stock the following items as applicable to your winch. Check the parts manual to determine the part number for your particular winch in the section indicated.

Allied P/N	Description	Parts Manual Section	Order Quantity
varies	Related components to Drive Shafts and/or PTO Assemblies	Section 1	
varies	Seal(s), Clutch Assemblies	Section 2	
varies	Bearing(s), Clutch Assemblies and Brake Assemblies	Section 2	
varies	Cables, Control	Section 3	
varies	Levers, Control	Section 3	
varies	Pump, Hydraulic	Section 3	
varies	Valves, Control Valve Assemblies	Section 3	
varies	Assembly, Wire Rope	Section 4	
varies	O-Rings, Freespool Lock	Section 4	
1314656W	Pin, Drawbar	Section 4	
2304161W	Pin, Extended Drawbar (Dresser/Dresssta TD7H/8H/9H)	Section 4	

Tool Kits

Order these Tool Kits as required for installation, maintenance and service of your winch(es).

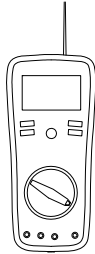
Allied P/N	Description	Order Quantity
588466	Socket Set, 3/8DR 3/8" to 7/8" STD/Deep, 22 PC	
588467	Socket Set, 1/2DR 3/8" to 1-1/4" STD/Deep, 30 PC	
588468	Socket Set, 3/4DR 7/8" to 2-3/8" STD, 29 PC	
588469	Wrench Set, 5/16" to 2-1/2", 31 PC	
588527	Hex Key Sets, .025" to 5/8", 18 PC	
588530	Socket Sets, 3/8DR 6mm-19mm 12 Point	
588529	Socket Sets, 1/2DR 10mm-26mm 12 Point	
588528	Wrench Sets, 7mm-24mm, 18 PC	
588526	Hex Key Sets, .07mm-17mm, 15 PC	

Diagnostic Tools

Order as Required

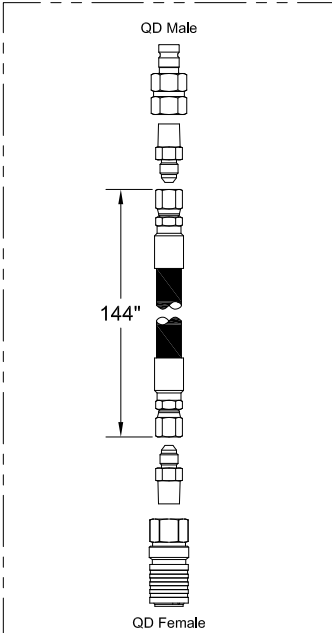
Order these Tools as required for maintenance and service of your winch(es).

Allied P/N	Description	Order Quantity
906601	0 to 8700 PSI Digital Pressure Gauge W/Female QD Connector	
69782	72" Hose Assembly W/QD Connectors Both Ends	
70381	144" Hose Assembly W/QD Connectors Both Ends	
69778	Multi-Meter, 12 Function	



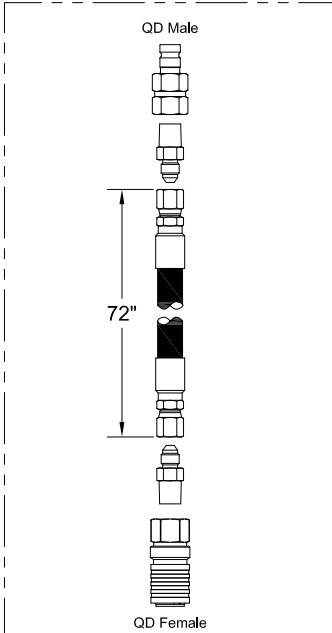
69778
Multi-Meter, 12 Function

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



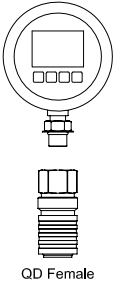
144"

70381
Kit, Hose Assembly, W/QD Both Ends



72"

69782
Kit, Hose Assembly, W/QD Both Ends



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

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