



## W5C Towing Winch

### Recommended Service Kits

The following pages list the service kits that are available for your Allied W5C Winch. Each kit includes all parts listed in the table.

Page 1 includes filter kits. These kits contain all parts necessary to replace the filter element. Select the kit number relevant for your winch, and order a quantity of kits necessary. The filter element should be changed after the first 250 hours, then every 500 hours thereafter. Keep this kit in stock at all times for regular maintenance.

Page 2 contains a Gasket Kit, a Clutch & Brake Bearing Kit, and a Brake Assembly Kit. Order these kits in preparation for the 5,000 hour scheduled maintenance.

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

Page 5 contains a list of Miscellaneous Parts. These parts will vary from installation to installation, but we recommend keeping these parts on hand. Refer to your parts manual for specific part numbers.

Pages 5 and 6 contain 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>.

#### Filter Kit, P/N: 2311728

<b>Applies to:</b> Winches with Power Controls		<b>See Section 5 in Parts Manual</b>	
<b>Service Interval:</b> First 250, then every 500 hours			
Allied P/N	Description	Quantity in Kit	Order Quantity
<b>2311728</b>	<b>Filter Kit</b>		
3001363W	. Filter	1	
313022W	. Adhesive	1	
2314780	. Gasket, Filter Cover	1	

#### Filter Kit, P/N: 2311729

<b>Applies to:</b> Winches with Electronic Controls		<b>See Section 5 in Parts Manual</b>	
<b>Service Interval:</b> First 250, then every 500 hours			
Allied P/N	Description	Quantity in Kit	Order Quantity
<b>2311729</b>	<b>Filter Kit</b>		
2304112W	. Filter	1	
313022W	. Adhesive	1	
2314780	. Gasket, Filter Cover	1	

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## Gasket Kit, P/N: 2302983W

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
<b>2302983W</b>	<b>Gasket Kit</b>		
2302417W	. Gasket	1	
303946W	. Gasket	1	
2314778	. Gasket	1	
2314779	. Gasket	1	
2317480	. Gasket	1	
313022W	. Adhesive	1	
151646W	. Gasket	1	

## Clutch & Brake Bearing Kit, P/N: 2311724

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
<b>2311724</b>	<b>Clutch &amp; Brake Bearing Kit</b>		
2302982W	. Kit, Repair - Forward/Reverse Clutch	2	
219070W	. Ring, Seal	3	
2302363W	. Ring, Retaining	1	
12916W	. Ring, Snap	4	
58939W	. Ring, Snap	1	
46441W	. Ring, Snap	4	
39384W	. O-Ring	4	
15895W	. O-Ring	1	

## Brake Assembly Kit, P/N: 2311723

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
<b>2311723</b>	<b>Brake Assembly Kit</b>		
15860W	. O-Ring	4	
63105W	. O-Ring	4	
219096W	. Seal, Ring	1	
217897	. O-Ring	1	
39377W	. O-Ring	1	
328714W	. Plate, Friction	7	
282704W	. Plate, Separator	6	
264159W	. Adhesive	1	
383789W	. Adhesive, Sealant	1	



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## Brake, Clutch Shaft Bearing Kit, P/N: 2311725

<b>Applies to:</b> For Winches with Gear Ratio 1 (35:1)		<b>See Section 5 in Parts Manual</b>	
<b>Service Interval:</b> Every 10,000 hours			
<b>Allied P/N</b>	<b>Description</b>	<b>Quantity in Kit</b>	<b>Order Quantity</b>
<b>2311725</b>	<b>Brake, Clutch &amp; Idler Shaft Bearing Kit</b>		
41207W	. Bearing	1	
30055W	. Cup, Bearing	2	
184484W	. Cone, Bearing	2	
44312W	. Bearing	4	
15895W	. O-Ring	1	

## Brake, Clutch & Idler Shaft Bearing Kit, P/N: 2311726

<b>Applies to:</b> For Winches with Gear Ratios 2 (66:1) & 3 (100:1)		<b>See Section 5 in Parts Manual</b>	
<b>Service Interval:</b> Every 10,000 hours			
<b>Allied P/N</b>	<b>Description</b>	<b>Quantity in Kit</b>	<b>Order Quantity</b>
<b>2311726</b>	<b>Brake, Clutch &amp; Idler Shaft Bearing Kit</b>		
41207W	. Bearing	1	
30055W	. Cup, Bearing	2	
184484W	. Cone, Bearing	2	
44312W	. Bearing	4	
15895W	. O-Ring	1	
41207W	. Bearing	1	
2304580W	. Bearing	1	
12916W	. Ring, Snap	1	

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## Drum/Freespool Shaft Bearing & Seal Kit, P/N: 2311727

Applies to: All (Last Used on S/N AW5C-1314)		See Section 5 in Parts Manual	Order Quantity
Service Interval: Every 10,000 hours			
Allied P/N	Description	Quantity in Kit	Order Quantity
<b>2311727</b>	<b>Drum/Freespool Shaft Bearing &amp; Seal Kit</b>		
29758W	. Cone, Bearing	1	
45733W	. Cup, Bearing	1	
219114W	. Cone, Bearing	1	
2302515W	. Cup, Bearing	1	
159940W	. O-Ring	1	
58933W	. Ring, Snap	1	
2302367W	. Ring, Snap	1	
212380	. O-Ring	1	
218214	. O-Ring	1	
133523W	. Seal, Oil	1	
219095W	. Bearing	1	
12956W	. Ring, Snap	2	
15885W	. O-Ring	1	
339681W	. Seal, Oil	1	
219093W	. Cone, Bearing	2	
219094W	. Cup, Bearing	2	

## Drum/Freespool Shaft Bearing & Seal Kit, P/N: 2315873

Applies to: All (First Used on S/N AW5C-1315)		See Section 5 in Parts Manual	Order Quantity
Service Interval: Every 10,000 hours			
Allied P/N	Description	Quantity in Kit	Order Quantity
<b>2315873</b>	<b>Drum/Freespool Shaft Bearing &amp; Seal Kit</b>		
2305923W	. Cone, Bearing	1	
45733W	. Cup, Bearing	1	
219114W	. Cone, Bearing	1	
2302515W	. Cup, Bearing	1	
159940W	. O-Ring	1	
58933W	. Ring, Snap	1	
2302367W	. Ring, Snap	1	
212380	. O-Ring	1	
218214	. O-Ring	1	
133523W	. Seal, Oil	1	
219095W	. Bearing	1	
12956W	. Ring, Snap	2	
15885W	. O-Ring	1	
339681W	. Seal, Oil	1	
219093W	. Cone, Bearing	2	
219094W	. Cup, Bearing	2	



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## Miscellaneous Parts

In addition to the kits listed 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	Cables, Control	Section 3	
varies	Levers, Control	Section 3	
varies	Related components such As U-Joints, Driveline	Section 1	
varies	Pump, Hydraulic	Section 3	
varies	Coils and Valves, Control Manifold	Section 3	
varies	Assembly, Wire Rope	Section 4	
varies	Seal(s), PTO Input Shaft	Section 2	
varies	Bearing(s), PTO Input	Section 2	
varies	Yoke(s), Input (if Present)	Section 2	
1314656W	Pin, Drawbar (Standard)	Section 1	
2303221W	Keeper, Drawbar Pin (Standard)	Section 1	
2314978	Pin, Drawbar (Extended Heavy Duty)	Section 4	
varies	Harnesses, Wire	Section 3	
varies	Switches, Control Lever Panel	Section 3	

## 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	

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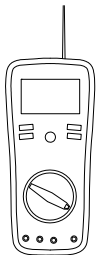


## Diagnostic Tools

Order as Required

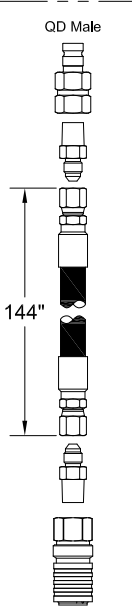
Order these Tools as required for maintenance and service of your winch(es).

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

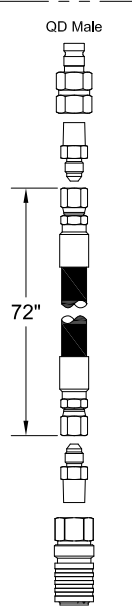


QD Male

144"

QD Female

**70381**  
Kit, Hose Assembly, W/QD Both Ends

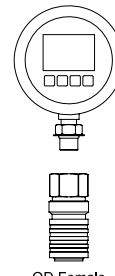


QD Male

72"

QD Female

**69782**  
Kit, Hose Assembly, W/QD Both Ends



QD Female

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