



W6G Towing Winch

Recommended Service Kits

The following pages list the service kits that are available for your Allied W6G 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.

Pages 2 and 3 contain a Gasket Kit, Brake Assembly Kit, and Clutch Shaft Kit. Order these kits in preparation for the 5,000 hour scheduled maintenance.

Pages 4 and 5 contain a Brake, a Clutch & Idler Shaft Bearing Kit, and four Drum & Intermediate Shaft Bearing and Seal Kits. Order the kits relevant for your winch in preparation for the 10,000 hour scheduled maintenance.

Page 6 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. Page 6 also contains a list of Tool Kits, and Page 7 contains a list of Diagnostic Tools, which will help you install and maintain your winch(es).

Note: Allied winch parts manuals, as well as service manuals and operating manuals, are available for no charge download at <http://www.alliedsystems.com/pubs/pubs.htm>.

Filter Kit, P/N: 2311394

Applies to: Winches with Power Controls, last used on S/N AW6G-1027		See Section 5 in Parts Manual	
Service Interval: First 250, then every 500 hours			
Allied P/N	Description	Quantity in Kit	Order Quantity
2311394	Filter Kit		
2300935W	. Gasket, Strainer	1	
3001363W	. Filter, Element	1	
185990W	. Gasket, Filter Cover	1	

Filter Kit, P/N: 2311167

Applies to: Winches with Power Controls, first used on S/N AW6G-1028		See Section 5 in Parts Manual	
Service Interval: First 250, then every 500 hours			
Allied P/N	Description	Quantity in Kit	Order Quantity
2311167	Filter Kit		
3001363W	. Filter, Element	1	
2304709W	. Gasket, Filter Cover	1	
2300935W	. Gasket, Strainer	1	

Filter Kit, P/N: 2311168

Applies to: Winches with Electronic Controls		See Section 5 in Parts Manual	
Service Interval: First 250, then every 500 hours			
Allied P/N	Description	Quantity in Kit	Order Quantity
2311168	Filter Kit		
2304112W	. Filter, Element	1	
2300935W	. Gasket, Strainer	1	
2304709W	. Gasket, Filter Cover	1	

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Gasket Kit, P/N: 2302729W

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
2302729W	Gasket Kit		
151646W	. Gasket	2	
185990W	. Gasket	1	
196022W	. Gasket	1	
303946W	. Gasket	2	
2300689W	. Gasket, Valve Cover	1	
2300690W	. Gasket, Brake Cover	1	
2300693W	. Gasket, Top Cover RH	1	
2300935W	. Gasket	1	
2301633W	. Gasket, Front Cover	1	
2301631W	. Gasket	1	
2314007	. Gasket, Valve Cover	1	
2314008	. Valve, Cover Gasket	1	
2314005	. Gasket, Filter Cover	1	

Brake Assembly Kit, P/N: 2311387

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
2311387	Brake Assembly Kit		
328715W	. Disc, Friction	8	
261542W	. Plate, Separator	7	
79979W	. O-Ring	1	
133927W	. Ring, Piston Seal	1	
12963W	. Snap Ring, EXT	2	



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Clutch Shaft Kit, P/N: 2311388			
Applies to: All		See Section 5 in Parts Manual	
Service Interval: Every 5,000 hours			
Allied P/N	Description	Quantity in Kit	Order Quantity
2311388	Clutch Shaft Kit		
2302774W	. Service Kit, W6G Clutch	2	
79972W	.. O-Ring	1	
89777W	.. O-Ring	1	
261542W	.. Plate, Separator	7	
328715W	.. Disc, Friction	7	
2300619W	.. Spring, Clutch	1	
39442W	.. O-Ring	2	
141913W	.. O-Ring	2	
2300670W	. Snap Ring, INT	2	
55289W	. O-Ring	2	
219070W	. Ring, Seal	1	
58924W	. Snap Ring, EXT	1	
39442W	. O-Ring	4	
184818W	. Snap Ring, INT	4	
2300643W	. Ring, Seal	2	
63105W	. O-Ring	1	
15885W	. O-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>.

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Brake, Clutch & Idler Shaft Bearing Kit, P/N: 2311389

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
2311389	Brake, Clutch & Idler Shaft Bearing Kit		
43310W	. Bearing, Ball	1	
43210W	. Bearing, Ball	1	
2300668W	. Cup, Bearing	2	
2300669W	. Cone, Bearing	1	
43211W	. Bearing, Ball	1	
2300671W	. Cup, Bearing	4	
2300672W	. Cone, Bearing	4	
2300673W	. Cone, Bearing	1	

Drum & Intermediate Shaft Bearing and Seal Kit, P/N: 2311390

Applies to: All Non-Freespool winches		See Section 5 in Parts Manual	Order Quantity
Service Interval: Every 10,000 hours			
Allied P/N	Description	Quantity in Kit	Order Quantity
2311390	Drum & Intermediate Shaft Bearing and Seal Kit		
159940W	. O-Ring	1	
30059W	. Cup, Bearing	2	
30080W	. Cone, Bearing	2	
90263W	. O-Ring	1	
230406W	. Bearing	2	
141671W	. Seal, Oil	1	
133927W	. Ring, Piston Seal	1	
44547W	. Seal, Oil	1	
15881W	. O-Ring	1	

Drum & Intermediate Shaft Bearing and Seal Kit, P/N: 2311391

Applies to: All Freespool Winches, S/N AW6G-1015 and below		See Section 5 in Parts Manual	Order Quantity
Service Interval: Every 10,000 hours			
Allied P/N	Description	Quantity in Kit	Order Quantity
2311391	Drum & Intermediate Shaft Bearing and Seal Kit		
159940W	. O-Ring	1	
30059W	. Cup, Bearing	2	
30058W	. Cone, Bearing	2	
90263W	. O-Ring	1	
230406W	. Bearing	2	
141671W	. Seal, Oil	1	
133927W	. Ring, Piston Seal	1	
44547W	. Seal, Oil	1	
15881W	. O-Ring	1	



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Drum & Intermediate Shaft Bearing and Seal Kit, P/N: 2311392

Applies to: Freespool Winches, S/N AW6G-1016 thru AW6G-1049, AW6G-1092 and above		See Section 5 in Parts Manual	
Service Interval: Every 10,000 hours			
Allied P/N	Description	Quantity in Kit	Order Quantity
2311392	Drum & Intermediate Shaft Bearing and Seal Kit		
159940W	. O-Ring	1	
30059W	. Cup, Bearing	2	
2302311W	. Cone, Bearing	2	
90263W	. O-Ring	1	
230406W	. Bearing	2	
141671W	. Seal, Oil	1	
133927W	. Ring, Piston Seal	1	
44547W	. Seal, Oil	1	
15881W	. O-Ring	1	

Drum & Intermediate Shaft Bearing and Seal Kit, P/N: 2311393

Applies to: Freespool Winches, S/N AW6G-1050 thru AW6G-1091		See Section 5 in Parts Manual	
Service Interval: Every 10,000 hours			
Allied P/N	Description	Quantity in Kit	Order Quantity
2311393	Drum & Intermediate Shaft Bearing and Seal Kit		
159940W	. O-Ring	1	
30059W	. Cup, Bearing	2	
30080W	. Cone, Bearing	2	
90263W	. O-Ring	1	
230406W	. Bearing	2	
141671W	. Seal, Oil	1	
133927W	. Ring, Piston Seal	1	
44547W	. Seal, Oil	1	
15881W	. O-Ring	1	

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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. The part number of most of these items vary, based on tractor installation, serial number, installed options, etc. 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	Control Cables	Section 3	
varies	Hand Levers or Joystick	Section 3	
varies	Driveline and/or related components such As U-Joints	Section 1	
varies	Hydraulic Pump	Section 3	
varies	Coils and Valves for Control Manifold	Section 3	
varies	Wire Rope Assembly	Section 4	
varies	PTO Input Shaft Seal(s)	Section 2	
varies	PTO Input Bearing(s)	Section 2	
varies	Input Yoke(s) (if Present)	Section 2	
95959W	Drawbar Pin	Section 1	
2303221W	Drawbar Pin, Keeper	Section 1	
varies	Wire Harnesses	Section 3	
varies	Joystick Panel Switches	Section 3	
2304603W	Communication Cable	Section 3	
2305473W	Blank Control Module	na	

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 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

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