



H6G Hydraulic Winch

Recommended Service Parts

The following pages list some of the service parts and kits that are available for your Allied H6G Winch.

Page 1 includes gaskets and seals. Keep these parts in stock at all times for regular maintenance. Order parts from either the table for the high performance winch version (H6GH), or the rescue winch version (H6GT) based on your winch.

Page 2 contains kits for 5,000 hour and 10,000 hour scheduled maintenance. Order these kits in preparation for these intervals. Each kit includes all parts listed in the table.

Page 3 contains a list of miscellaneous parts that should be ordered as required. Order parts from either the table for the high performance winch version (H6GH), or the rescue winch version (H6GT) based on your winch.

Page 4 contains lists of wire rope assemblies, handlever installation components, and hose kits. Order parts as required and as relevant for your installation.

Page 5 contains a list of tool kits, and a list of diagnostic tools. Order kits as required and as relevant for the installation, maintenance and service of your winch(es).

Note: Allied winch parts manuals are available for no charge download at <http://www.alliedsystems.com/pubs/pubs.htm>.

Gaskets & Seals - High Performance Winch (H6GH)				Order as Required
Allied P/N	Description	Quantity on Winch	See Parts Manual Page	Order Quantity
2300693W	Gasket, Top Cover	1	Frames/Covers	
151646W	Gasket	1	Frames/Covers	
2307225W	Gasket, Hose Seal	1	Frames/Covers	
2307113W	Gasket, Hose Cover	1	Frames/Covers	
243815	Seal Kit, Cartridge Valve	2	Hydraulic Group	
2307235W	Seal Kit, Spool Valve	1	Directional Manifold	
2307245W	Seal Kit, Check Valve	3	Directional Manifold	
2307246W	Seal Kit, Relief Valve	1	Directional Manifold	
2307231W	Seal Kit, Shuttle Valve	2	Control Manifold	
2307154W	Seal Kit, Directional Valve	1	Bypass Manifold	
2307231W	Seal Kit, Shuttle Valve	3	Logic Control Manifold	

Gaskets & Seals - Rescue Winch (H6GT)				Order as Required
Allied P/N	Description	Quantity on Winch	See Parts Manual Page	Order Quantity
2300693W	Gasket, Top Cover	1	Frames/Covers	
151646W	Gasket	1	Frames/Covers	
2307225W	Gasket, Hose Seal	1	Frames/Covers	
2307691W	Gasket, Hose Cover	1	Frames/Covers	
243815	Seal Kit, Cartridge Valve	1	Hydraulic Group	
R15668	Seal Kit, Cartridge Valve	1	Hydraulic Group	
2307235W	Seal Kit, Spool Valve	1	Directional Manifold	
2307245W	Seal Kit, Check Valve	3	Directional Manifold	
2307246W	Seal Kit, Relief Valve	1	Directional Manifold	
2307231W	Seal Kit, Shuttle Valve	2	Control Manifold	
2307154W	Seal Kit, Directional Valve	1	Bypass Manifold	
2307231W	Seal Kit, Shuttle Valve	3	Logic Control Manifold	

Suggested Spares Guide



5,000 Hour Kit, P/N: 2311897

Allied P/N	Description	Quantity in Kit	See Parts Manual Page	Order Quantity
2311897	Kit, Rebuild, Motor, Reducer & Brake Assy			
16783W	. O-Ring	1	Motor Shaft	
14718W	. O-Ring	1	Motor Shaft	
182752W	. O-Ring	1	Motor Shaft	
2306936W	. Ring, Seal	1	Motor Shaft	
203542	. O-Ring	1	Motor Shaft	
2307249W	. Bearing and Seal Kit	1	Reducer, Planetary	
250848	. O-Ring Kit	1	Brake, Dry Disc	
2307244W	Seal Kit	1	Hydraulic Motor	

10,000 Hour Kit, P/N: 2311898

Allied P/N	Description	Quantity in Kit	See Parts Manual Page	Order Quantity
2311898	Kit, Rebuild, Intermed./Drum Shaft, Motor & Brake Assy			
250847	. Kit, Lining	1	Brake, Dry Disc	
250849	. Kit, Bearing	1	Brake, Dry Disc	
250850	. Kit, Spring	1	Brake, Dry Disc	
230406W	. Roller Bearing	2	Shaft - Drum	
141671W	. Oil Seal	1	Shaft - Drum	
15881W	. O-Ring	1	Shaft - Drum	
44547W	. Oil Seal	1	Shaft - Drum	
133927W	. Ring, Piston Seal	1	Shaft - Drum	
90263W	. O-Ring	1	Shaft - Drum	
1324880W	. Sealant	1	Shaft - Drum	
159940W	. O-Ring	1	Shaft - Intermediate Gear	
2302311W	. Bearing Cone	2	Shaft - Intermediate Gear	
30059W	. Bearing Cup	2	Shaft - Intermediate Gear	
15862W	. O-Ring	2	Shaft - Intermediate Gear	
212380	. O-Ring	1	Shaft - Intermediate Gear	



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Spare Parts - High Performance Winch (H6GH)			Order as Required	
Allied P/N	Description	Quantity on Winch	See Parts Manual Page	Order Quantity
2307244W	Seal Kit	1	Hydraulic Motor	
246726	Vane & Spring Kit	1	Hydraulic Motor	
2307291W	Switch, Pressure	1	Hydraulic Group	
2307904W	Temperature Switch	1	Hydraulic Group	
2313921	Coil, Cartridge Valve	1	Hydraulic Group	
250589	Coil, Cartridge Valve	3	Logic Control Manifold	
95959W	Drawbar Pin	1	Frames/Covers	
2303221W	Retaining Pin	1	Frames/Covers	
21420W	Plug, Breather	1	Frames/Covers	
2300962W	Cap, Breather	1	Frames/Covers	
6607W	Nut	2	Shaft - Drum	
2301783W	Keeper, Ferrule	1	Shaft - Drum	
283432W	Bushing	1	Shaft - Intermediate Gear	
35135W	Bushing	6	Arch	
2817W	Bushing	2	Arch	
2570W	Bushing	8	Fairlead	
2306938W	Motor, Two-Speed	1	Motor Shaft	
2307642W	Planetary Reducer Assy	1	Motor Shaft	
2307646W	Brake, Dry Disk	1	Motor Shaft	

Spare Parts - Rescue Winch (H6GT)			Order as Required	
Allied P/N	Description	Quantity in Kit	See Parts Manual Page	Order Quantity
244583	Seal Kit	1	Hydraulic Group	
2307244W	Seal Kit	1	Hydraulic Motor	
246726	Vane & Spring Kit	1	Hydraulic Motor	
2307291W	Switch, Pressure	1	Hydraulic Group	
2307904W	Temperature Switch	1	Hydraulic Group	
2313921	Coil, Cartridge Valve	1	Hydraulic Group	
250589	Coil, Cartridge Valve	3	Logic Control Manifold	
95959W	Drawbar Pin	1	Frames/Covers	
2303221W	Retaining Pin	1	Frames/Covers	
21420W	Plug, Breather	1	Frames/Covers	
2300962W	Cap, Breather	1	Frames/Covers	
6607W	Nut	2	Shaft - Drum	
2301783W	Keeper, Ferrule	1	Shaft - Drum	
283432W	Bushing	1	Shaft - Intermediate Gear	
35135W	Bushing	6	Arch	
2817W	Bushing	2	Arch	
2570W	Bushing	8	Fairlead	
2307694W	Motor, One-Speed	1	Motor Shaft	
2307642W	Planetary Reducer Assy	1	Motor Shaft	
2307646W	Brake, Dry Disk	1	Motor Shaft	

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Wire Rope Assemblies				Order as Required
Allied P/N	Description	Length	Will Fill Drum To:	Order Quantity
WR6-263L	Wire Rope Assembly, 3/4"	263' (80 M)	2/3 Capacity (recommended)	
WR6-399L	Wire Rope Assembly, 3/4"	399' (122 M)	Full Capacity	
WR7-189L	Wire Rope Assembly, 7/8"	189' (58 M)	2/3 Capacity (recommended)	
WR7-287L	Wire Rope Assembly, 7/8"	287' (87 M)	Full Capacity	
WR8-147L	Wire Rope Assembly, 1"	147' (45 M)	2/3 Capacity (recommended)	
WR8-223L	Wire Rope Assembly, 1"	223' (68 M)	Full Capacity	

Handlever Installation Components				Order as Required
Allied P/N	Description	Quantity on Winch	Relevant for Installation:	Order Quantity
250589	Coil, Solenoid	1	Caterpillar D6N	
R15668	Seal Kit	1	Caterpillar D6N	
2310013	Switch Assy, 24V W/Yellow LED	varies	All	
2310506	Switch Assy, Momentary, 24V W/Red LED	1	Caterpillar D6N	
2310502	Switch Assy, 3 Position, 24V W/Green LED	varies	John Deere 750J, 850J	
2310504	Switch Assy, W/Lock, 24V W/Red LED	1	John Deere 750J/850J prior to H6G-1094	
R13661	Relay	1	John Deere 750J, 850J	

Hose Kits				Order as Required
Allied P/N	Description	Quantity on Winch	Relevant for:	Order Quantity
2313913	Hose Kit, Winch Installation	1	Cat D6N	
2313914	Hose Kit, Winch Installation	1	John Deere 750J/850J	
2313918	Hose Kit, Hydraulic Group	1	High Performance Winch (H6GH)	
2313919	Hose Kit, Hydraulic Group	1	Rescue Winch (H6GT)	
2313920	Hose Kit, Handlever Installation	1	Cat D6N	



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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	