



## H5C Hydraulic Winch

### Recommended Service Parts

The following pages list some of the service parts and kits that are available for your Allied H5C Winch.

Page 1 includes a Filter Kit. 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 1 and 2 contains kits for 5,000 hour and 10,000 hour scheduled maintenance. Order these kits from the tables when you are in preparation for these intervals. Page 2 also contains a list of wire rope assemblies for you to order as required.

Page 3 contains lists of handlever installation components, tool kits, and specialized tools. Order parts or tools as required, and as relevant for your installation.

Page 4 contains a list of diagnostic tools, which are useful when you install, maintain and service your winches.

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

Filter Kit, P/N 2304112W - High Performance Winch: H5CH**K37 & H5CH**C80				
Service Interval: First 250 hours, then every 500 hours				
Allied P/N	Description	Quantity on Winch	See Parts Manual Page	Order Quantity
2304112W	Filter, Element	1	Hydraulic Group	
<b>Note:</b> For all other Hi-Performance (H) winches and Rescue (T) winches, please refer to dozer operator's manuals, use tractor filters.				

Motor, Reducer & Brake Assembly Rebuild Kit, P/N 2311895				
Service Interval: Every 5,000 hours				
Allied P/N	Description	Quantity on Winch	See Parts Manual Page	Order Quantity
2311895	Kit, Motor, Reducer & Brake Assembly Rebuild	1		
12916W	. Ring, Snap	2	Motor Shaft	
12944W	. Ring, Snap	1	Motor Shaft	
2306073W	. Seal, Rotary	2	Hydraulic Group	
89776W	. O-Ring	3	Hydraulic Group	
86596W	. O-Ring	1	Hydraulic Group	
87287W	. O-Ring	1	Motor Shaft	
334475W	. Ring, Snap	1	Motor Shaft	
12944W	. Ring, Snap	1	Motor Shaft	
246722	. Kit, Seal	1	Hydraulic Motor	

# Suggested Spares Guide



## Intermediate, Idler, Drum Shaft, Motor & Brake Assembly Rebuild Kit, P/N 2311896

Service Interval: Every 10,000 hours

Allied P/N	Description	Quantity on Winch	See Parts Manual Page	Order Quantity
2311896	Kit, Intermediate, Idler, Drum Shaft, Motor & Brake Assembly Rebuild	1		
41207W	. Bearing, Ball	1	Motor Shaft	
41210W	. Ring, Snap	1	Motor Shaft	
2306198W	. Disc, Friction	7	Motor Shaft	
2304874W	. Plate, Separator	8	Motor Shaft	
218214	. O-Ring	1	Intermediate Gear Shaft	
212380	. O-Ring	1	Intermediate Gear Shaft	
159940W	. O-Ring	1	Intermediate Gear Shaft	
2305923W	. Cone, Roller Bearing	1	Intermediate Gear Shaft	
45733W	. Cup, Roller Bearing	1	Intermediate Gear Shaft	
219114W	. Cone, Roller Bearing	1	Intermediate Gear Shaft	
2302515W	. Cup, Roller Bearing	1	Intermediate Gear Shaft	
133523W	. Seal, Oil	1	Drum Shaft	
339681W	. Seal, Oil	1	Drum Shaft	
219093W	. Cone, Roller Bearing	1	Drum Shaft	
219094W	. Cup, Roller Bearing	1	Drum Shaft	
12956W	. Ring, Snap	2	Drum Shaft	
219095W	. Bearing, Roller	1	Drum Shaft	
203533	. O-Ring	1	Drum Shaft	
2304580W	. Bearing, Cylinder Roller	1	Idler Shaft	
41207W	. Bearing, Ball	1	Idler Shaft	
12916W	. Ring, Snap	1	Idler Shaft	

## Wire Rope Assemblies

Order as Required

Allied P/N	Description	Length	Will Fill Drum To	Order Quantity
WR5-279L	Wire Rope Assembly, 5/8"	279' (85 M)	2/3 Capacity (recommended)	
WR5-423L	Wire Rope Assembly, 5/8"	423' (129 M)	Full Capacity	
WR6-197L	Wire Rope Assembly, 3/4"	197' (60 M)	2/3 Capacity (recommended)	
WR6-298L	Wire Rope Assembly, 3/4"	296' (91 M)	Full Capacity	
WR7-142L	Wire Rope Assembly, 7/8"	142' (43 M)	2/3 Capacity (recommended)	
WR7-215L	Wire Rope Assembly, 7/8"	215' (66 M)	Full Capacity	
YS7-215LWS	Wire Rope Assembly, 7/8"	215' (66 M)	Full Capacity	



# Suggested Spares Guide

Handler Installation Components			Order as Required	
Allied P/N	Description	Quantity on Winch	Relevant for Installation	Order Quantity
250589	Coil, Solenoid	1	John Deere 750J	
2307231W	Kit, Seal	1	John Deere 750J	
2310013	Assembly, Switch - 24V W/Yellow LED	varies	All	
2310504	Assembly, Switch - W/Lock , 24V W/Red LED	1	Caterpillar D6K & Komatsu D51-22	
2310506	Assembly, Switch - Momentary, 24V W/Red LED	1	John Deere 700J	
R13661	Relay	1	John Deere 750J	

Tool Kits			Order as Required	
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			

Specialized Tools			Order as Required	
Order these specialized tools for installation, maintenance and service of your winch(es).				
Allied P/N	Description	Order Quantity		
X-201962	Lifting Device			
X-203345	Clutch Shaft Locknut Socket			
X-203346	Clutch Shaft Driver			
X-203348	Lifting Eye			

# Suggested Spares Guide



## 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

**\* Note: The following items are specially necessary for H5C winch(es) mounted on Komatsu D51-22.**

Allied P/N	Description	Order Quantity
2310634	1/4 NPT Male QD	
254002	Test Fitting	
2310365	Test Fitting	
2310250	1/4 NPT Female Coupling - w/o Valve	