



H12E Hydraulic Winch

Recommended Service Parts

The following pages list some of the service parts and kits that are available for your Allied H12E Winch.

Pages 1 and 2 include gaskets and seals. Keep these parts in stock at all times for regular maintenance. Order parts from the table based on your winch.

Pages 2 and 3 contain 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. Order parts from the table based on your winch.

Page 4 contains lists of spare parts, wire rope assemblies and operator control components. Order parts as required and as relevant for your installation.

Page 5 contains lists of tool kits, and diagnostic tools. Order parts or kits as required and as relevant for your installation.

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

Gaskets & Seals				Order as Required
Applies to: Caterpillar D8R Series II (C59), Komatsu D155AX-6/7/8 (K64)				
Allied P/N	Description	Quantity on Winch	See Parts Manual Page	Order Quantity
2312536	Seal, Top	1	Frames/Covers	
2313831	Gasket, Hose Seal	1	Frames/Covers	
2313396	Gasket, Top Right-Hand Cover	1	Frames/Covers	
252566	Seal Kit, Directional Valve	1	Control Manifold Assembly	
2312111	Seal Kit, Cartridge Valve	2	Control Manifold Assembly	
2312112	Seal Kit, Shuttle Valve	1	Control Manifold Assembly	
243815	Seal Kit, Counter Balance Valve	1	CBR Manifold Assembly	
259258	Seal Kit, Relief Valve	2	CBR Manifold Assembly	
255601	Seal Kit, Relief Valve	2	CBR Manifold Assembly	

Gaskets & Seals				Order as Required
Applies to: Caterpillar D8T (C74), Komatsu D85X-15 (K50), Komatsu D275AX-5 (K65), Liebherr PR754 (L54)				
Allied P/N	Description	Quantity on Winch	See Parts Manual Page	Order Quantity
2312536	Seal, Top	1	Frames/Covers	
2312208	Gasket, Hose Seal	1	Frames/Covers	
2313396	Gasket, Top Right-Hand Cover	1	Frames/Covers	
252566	Seal Kit, Directional Valve	1	Control Manifold Assembly	
2312111	Seal Kit, Cartridge Valve	2	Control Manifold Assembly	
2312112	Seal Kit, Shuttle Valve	1	Control Manifold Assembly	
243815	Seal Kit, Counter Balance Valve	1	CBR Manifold Assembly	
259258	Seal Kit, Relief Valve	2	CBR Manifold Assembly	
255601	Seal Kit, Relief Valve	2	CBR Manifold Assembly	

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Gaskets & Seals		Order as Required		
Applies to: John Deere 1050K (E75)				
Allied P/N	Description	Quantity on Winch	See Parts Manual Page	Order Quantity
2312536	Seal, Top	1	Frames/Covers	
2312118	Gasket, Hose Seal	1	Frames/Covers	
2313396	Gasket, Top Right-Hand Cover	1	Frames/Covers	
252566	Seal Kit, Directional Valve	1	Control Manifold Assembly	
2312111	Seal Kit, Cartridge Valve	2	Control Manifold Assembly	
2312112	Seal Kit, Shuttle Valve	1	Control Manifold Assembly	
243815	Seal Kit, Counter Balance Valve	1	CBR Manifold Assembly	
259258	Seal Kit, Relief Valve	2	CBR Manifold Assembly	
255601	Seal Kit, Relief Valve	2	CBR Manifold Assembly	

Motor, Reducer & Brake Assembly Rebuild Kit, P/N: 2313952				
Applies to: All				
Service Interval: Every 5,000 Hours				
Allied P/N	Description	Quantity in Kit	See Parts Manual Page	Order Quantity
2313952	Kit, Rebuild, Motor, Reducer & Brake Assy			
R13804959	. O-Ring	1	Motor Shaft Group	
2311880	. Ring, Seal	1	Motor Shaft Assembly	
86585W	. O-Ring	1	Motor Shaft Assembly	
87287W	. O-Ring	1	Motor Shaft Assembly	
237349	. O-Ring	1	Motor Shaft Assembly	
2312302	. Kit, O-Ring Repair	1	Brake, Dry Disc	
2313890	. O-Ring	1	Hydraulic Motor	
2313892	. Kit, Seal	1	Hydraulic Motor	



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Intermediate / Drum Shaft, and Brake Assembly Rebuild Kit, P/N: 2313953

Applies to: All

Service Interval: Every 10,000 Hours

Allied P/N	Description	Quantity in Kit	See Parts Manual Page	Order Quantity
2313953	Kit, Rebuild, Intermed./Drum Shaft, & Brake Assy			
2312303	. Kit, Bearing Repair	1	Brake, Dry Disc	
250850	. Kit, Spring Repair	1	Brake, Dry Disc	
250847	. Kit, Lining Repair	1	Brake, Dry Disc	
15888W	. O-Ring	1	Shaft, Drum	
44570W	. Seal, Oil	1	Shaft, Drum	
39764W	. O-Ring	1	Shaft, Drum	
141149W	. Seal, Oil	1	Shaft, Drum	
15886W	. O-Ring	1	Shaft, Drum	
230329W	. Bearing, Roller	2	Shaft, Drum	
280472W	. Sealant, Adhesive	1	Shaft, Drum	
231011W	. Cone, Roller Bearing	2	Shaft, Intermediate Gear	
230327W	. Cup, Roller Bearing	2	Shaft, Intermediate Gear	
93284W	Shim .005*	AR	Shaft, Intermediate Gear	
93285W	Shim .007*	AR	Shaft, Intermediate Gear	
93286W	Shim .020*	AR	Shaft, Intermediate Gear	
133274W	Shim .005*	AR	Shaft, Drum	
133275W	Shim .007*	AR	Shaft, Drum	
133276W	Shim .020*	AR	Shaft, Drum	
95033W	Shim .005*	AR	Shaft Group, Motor	
95166W	Shim .007*	AR	Shaft Group, Motor	
95034W	Shim .020*	AR	Shaft Group, Motor	

* Note: Shims are not included in Rebuild Kit, 2313953. Order shims as required for your winch installation.

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Spare Parts		Order as Required		
Applies to: All				
Allied P/N	Description	Quantity on Winch	See Parts Manual Page	Order Quantity
2313260	Motor, Hydraulic - K64, K65	1	Motor Shaft Group	
2314180	Motor, Hydraulic - E75, L54	1	Motor Shaft Group	
2314590	Motor, Hydraulic - C59, C74	1	Motor Shaft Group	
2315035	Motor, Hydraulic - K50	1	Motor Shaft Group	
2312155	Brake, Dry Disk	1	Motor Shaft Assembly	
2312453	Reducer, Planetary Kit	1	Motor Shaft Assembly	
21420W	Plug, Breather	1	Frame/Covers	
2300962W	Cap, Breather	1	Frame/Covers	
95959W	Pin, Drawbar	1	Frame/Covers	
2303221W	Pin, Retaining	1	Frame/Covers	
2313258	Nut, Blind	2	Shaft, Drum	
274908W	Keeper, Ferrule	1	Shaft, Drum	
328715W	Disc, Friction	14	Clutch Assembly	
95494W	Gear	1	Shaft, Intermediate Gear	
93979W	Bushing	4	Fairlead	
59419W	Bushing	4	Fairlead	

Wire Rope Assemblies		Order as Required		
Applies to: All				
Allied P/N	Description	Length	Will Fill Drum To:	Order Quantity
WR8-188J	Wire Rope Assembly, 1"	188' (57 M)	2/3 Capacity (recommended)	
WR8-285J	Wire Rope Assembly, 1"	285' (87 M)	Full Capacity	
WR9-150J	Wire Rope Assembly, 1 1/8"	150' (46 M)	2/3 Capacity (recommended)	
WR9-228J	Wire Rope Assembly, 1 1/8"	228' (69 M)	Full Capacity	
WR10-119J	Wire Rope Assembly, 1 1/4"	119' (36 M)	2/3 Capacity (recommended)	
WR10-182J	Wire Rope Assembly, 1 1/4"	182' (55 M)	Full Capacity	
YS10-182JWS	Wire Rope Assembly, 1 1/4"	182' (55 M)	Full Capacity	

Operator Controls Components		Order as Required		
Applies to: See Column of Relevant for Installation				
Allied P/N	Description	Quantity on Winch	Relevant for Installation	Order Quantity
2311072	Assembly, Switch (Green LED)	1	All	
2310504	Assembly, Switch (Red LED)	1	All	
2314610	Assembly, Switch Panel	1	Caterpillar D8R Series II (C59), Komatsu D155AX-6/7/8 (K64)	

Tool Kits

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

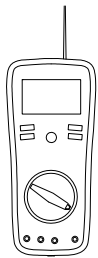
Allied P/N	Description	Order Quantity
588466	Socket Set, 3/8DR 3/8" to 7/8" STD/Deep, 22 PC	
588467	Socket Set, 1/2DR 3/8" to 1-1/4" STD/Deep, 30 PC	
588468	Socket Set, 3/4DR 7/8" to 2-3/8" STD, 29 PC	
588469	Wrench Set, 5/16" to 2-1/2", 31 PC	
588527	Hex Key Sets, .025" to 5/8", 18 PC	
588530	Socket 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

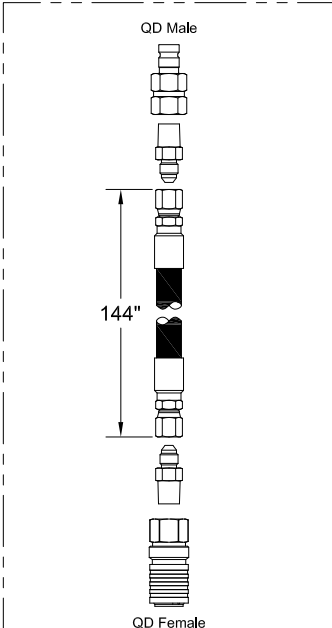
Order these Tools as required for maintenance and service of your winch(es).

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	



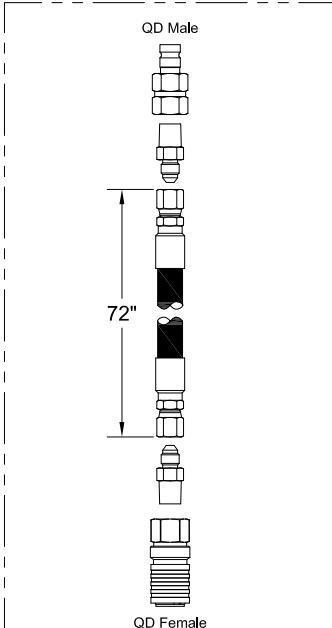
69778
Multi-Meter, 12 Function

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



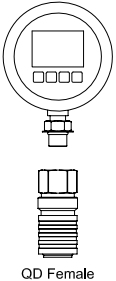
144"

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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