



## WH400Y Series Winch

### Recommended Service Kits

The following pages list the service kits and hose kits that are available for your Allied WH400Y series winch. Each kit includes all parts listed in the table. Select the kit number relevant for your winch, and order a quantity of kits necessary. Order the kits in preparation for your scheduled maintenance.

Page 5 contains 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 no charge at <http://www.alliedsystems.com/pubs/pubs.htm>.**

Input, Motor Service Kit, P/N 2315580			
Applies to:		See Section 3	
WH411Y01A, WH411Y02A		in Parts Manual	
Allied P/N	Description	Quantity in Kit	Order Quantity
<b>2315580</b>	<b>Input, Motor Service Kit</b>		
2303628W	. Bearing - Ball	1	
R231264	. Gasket - Input Bearing Cap	1	
43308W	. Bearing - Ball	1	
237349	. O-Ring	1	

Input, 3.75 Planetary Service Kit, P/N 2315581			
Applies to:		See Section 3	
WH411Y03C		in Parts Manual	
Allied P/N	Description	Quantity in Kit	Order Quantity
<b>2315581</b>	<b>Input, 3.75 Planetary Service Kit</b>		
43308W	. Bearing - Ball	1	
2303628W	. Bearing - Ball	1	
R231264	. Gasket - Input Bearing Cap	1	
27725	. O-Ring	1	

Pinion Shaft Service Kit, P/N 2315582			
Applies to:		See Section 4	
WH411Y01A, WH411Y02A, WH411Y03C		in Parts Manual	
Allied P/N	Description	Quantity in Kit	Order Quantity
<b>2315582</b>	<b>Pinion Shaft Service Kit</b>		
R4064002	. Bearing Cone	1	
R4064001	. Bearing Cup	1	
45733W	. Cup - Roller Bearing	1	
203540	. O-Ring	2	
2303791W	. Cone - Roller Bearing	1	
R231279	. Gasket	1	
2306097W	. Bearing - Roller, Spherical	1	

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## Ring Gear Shaft Service Kit, P/N 2315583

Applies to: WH411Y01A, WH411Y02A, WH411Y03C		See Section 4 in Parts Manual	
Allied P/N	Description	Quantity in Kit	Order Quantity
<b>2315583</b>	<b>Ring Gear Shaft Service Kit</b>		
203444	. O-Ring	1	
R1314773	. Bearing Cone	1	
R1314774	. Bearing Cup	1	
R1304638	. Bearing Cup	1	
R232362	. Bearing Cone	1	
59229W	. O-Ring	1	
14718W	. O-Ring	1	

## Cable Drum & Clutch Service Kit, P/N 2315584

Applies to: WH411Y01A, WH411Y02A		See Section 4 in Parts Manual	
Allied P/N	Description	Quantity in Kit	Order Quantity
<b>2315584</b>	<b>Cable Drum &amp; Clutch Service Kit</b>		
59229W	. O-Ring	2	
R231017	. Seal - Lip	1	
R231303	. Seal - Lip	1	
17147W	. O-Ring	1	
R231336	. Seal - Oil	1	
R231338	. Bearing	1	
2311825	. Plate - Friction	18	

## Cable Drum & Clutch Service Kit, P/N 2315585

Applies to: WH411Y03C		See Section 4 in Parts Manual	
Allied P/N	Description	Quantity in Kit	Order Quantity
<b>2315585</b>	<b>Cable Drum &amp; Clutch Service Kit</b>		
59229W	. O-Ring	2	
R231017	. Seal - Lip	1	
R231303	. Seal - Lip	1	
17147W	. O-Ring	1	
R231336	. Seal - Oil	1	
R231338	. Bearing	1	
2311825	. Plate - Friction	18	
2304326W	. Seal - Oil	1	
R247014	. Seal	1	



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Drum Drive Shaft Service Kit, P/N 2315586			
Applies to: WH411Y01A, WH411Y02A		See Section 4 in Parts Manual	
Allied P/N	Description	Quantity in Kit	Order Quantity
<b>2315586</b>	<b>Drum Drive Shaft Service Kit</b>		
44322W	. Bearing - Ball	1	
R231842	. Seal - Oil	1	
41215W	. Bearing - Ball	1	
R218777	. O-Ring	1	
43313W	. Bearing - Ball	1	
R231293	. Gasket	2	
2314852	. Seal, Oil	1	

Drum Drive Shaft Service Kit, P/N 2315587			
Applies to: WH411Y03C		See Section 4 in Parts Manual	
Allied P/N	Description	Quantity in Kit	Order Quantity
<b>2315587</b>	<b>Drum Drive Shaft Service Kit</b>		
44322W	. Bearing - Ball	1	
R231842	. Seal - Oil	1	
41215W	. Bearing - Ball	1	
R218777	. O-Ring	1	
43313W	. Bearing - Ball	1	
R231293	. Gasket	1	

# Suggested Spares Guide



## Conversion Kit, WH411Y Skyline, P/N 2315529

This kit converts W400 series skidder winch to WH411Y Yarder Skyline winch.

Allied P/N	Description	Quantity in Kit	Order Quantity
<b>2315529</b>	<b>Conversion Kit, WH411Y Skyline</b>		
2314514	. Parts Group - Input, Motor (SAE D)	1	
2315086	. Parts Group - Frame Extension	1	
2314723	. Drum - Machining, Final - W400Y	1	
2314812	. Spacer	1	
2314513	. Shaft, Cable Drum Drive	1	
2314833	. Cover	1	
2314653	. Cable Drum Support & Wear Sleeve	1	
2315234	. Parts Group - Motor, Variable	1	
2314830	. Parts Group - Drum Filler	1	
2315530	. Kit, WH411Y; Conversion Service Parts	1	

## Conversion Kit, WH411Y Mainline, P/N 2315538

This kit converts W400 series skidder winch to WH411Y Yarder Mainline winch.

Allied P/N	Description	Quantity in Kit	Order Quantity
<b>2315538</b>	<b>Conversion Kit, WH411Y Mainline</b>		
2314514	. Parts Group - Input, Motor (SAE D)	1	
2315086	. Parts Group - Frame Extension	1	
2314723	. Drum - Machining, Final - W400Y	1	
2314812	. Spacer	1	
2314513	. Shaft, Cable Drum Drive	1	
2314833	. Cover	1	
2314653	. Cable Drum Support & Wear Sleeve	1	
2315235	. Parts Group - Motor, Fixed	1	
2314830	. Parts Group - Drum Filler	1	
2315530	. Kit, WH411Y; Conversion Service Parts	1	

## Tool Kits

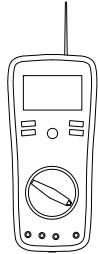
Order these Tool Kits as required for installation, maintenance and service of your winch(es).

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

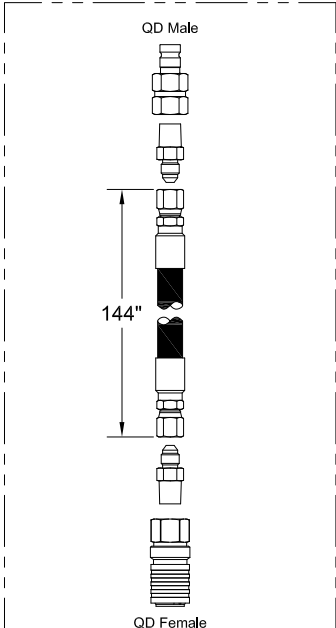
Order these Tools as required for maintenance and service of your winch(es).

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

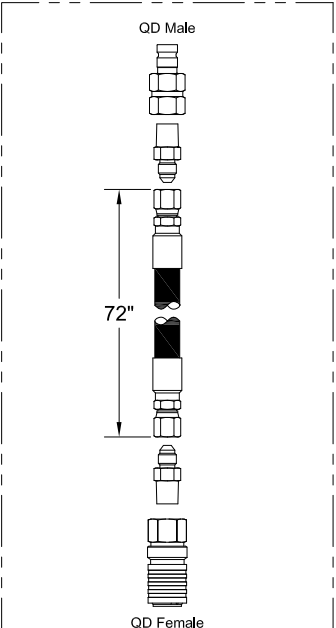


QD Male

144"

QD Female

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

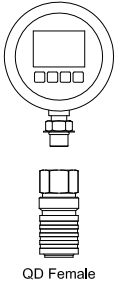


QD Male

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