









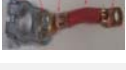







Document Title	All RHGSE Repair Parts List - (Commercially available off the shelf)	
Document No.	Document Type	Release Date
Appendix F	Repair Parts List	2/20/2019



Valid until December 31, 2019

Part Number	Nomenclature/Description	NSN	Qty	Picture	Lead Time (If Not In Stock)	Used On
Batteries, Cables, and Receptacle						
ZGS-10056-1 (Consumable)	Battery 12V (Main) 8A31DT	6140-01-629-2973	1		3-4 Weeks	Hydraulic RHGSE
ZGS-10078-1/2	Battery Box with Lid	Not available	1		2-3 Weeks	Hydraulic RHGSE
ZGS-10311-1	Main Negative Wire Assembly	Not available	1		2-3 Weeks	Hydraulic RHGSE
ZGS-10312-1	Relay to Motor Positive Wire Assembly	Not available	1		2-3 Weeks	Hydraulic RHGSE
ZGS-10317-1	Positive Cable Assembly	Not available	1		2-3 Weeks	Hydraulic RHGSE
ZGS-10498-2	External Voltage Input Upgrade (Includes all cables) Ref: ZSB-012	Not available	1		10 weeks	Hydraulic RHGSE
4650B	4650B Receptacle Subcomponent of ZGS-10498-1	Not available	1		6-8 weeks	Hydraulic RHGSE
ZGS-12497-1	28V Receptacle Gasket Subcomponent of ZGS-10498-1	Not available	1		4 weeks	Hydraulic RHGSE
ZGS-10613-1	Battery Switch Cover Subcomponent of ZGS-10498-1	Not available	1		2 weeks	Hydraulic RHGSE
ZGS-10616-1	Battery Switch Subcomponent of ZGS-10498-1	Not available	1		6-8 weeks	Hydraulic RHGSE
ZGS-10729-1	Positive Terminal Assembly	Not available	1		2-3 Weeks	Hydraulic RHGSE
ZGS-10732-1	Battery Series Jumper Cable	Not available	1		2-3 Weeks	Hydraulic RHGSE
ZGS-10769-1	Replacement Battery Box straps	Not available	1		2-3 Weeks	Hydraulic RHGSE
Bearings						
ZGS-10015-1	Base Bearing	Not available	1		2-3 Weeks	All RHGSE
ZGS-10034-1	Head Bearing	Not available	1		2-3 Weeks	All RHGSE
ZGS-10117-1	Bearing (Pressure & Tension Roller)	Not available	1		2-3 Weeks	All RHGSE

Document Title	All RHGSE Repair Parts List - (Commercially available off the shelf)	
Document No.	Document Type	Release Date
Appendix F	Repair Parts List	2/20/2019












Valid until December 31, 2019

Part Number	Nomenclature/Description	NSN	Qty	Picture	Lead Time (If Not In Stock)	Used On
Belts						
ZGS-10025-1 (Consumable)	Drum Drive Belt	3040-01-566-0506	1		2-3 Weeks	All RHGSE
ZGS-10040-1 (Consumable)	Drive Belt, Vertical	3030-01-566-0501	1		2-3 Weeks	All RHGSE
ZGS-11304-3 (Consumable)	Motor Drive Belt	Not available	1		2-3 Weeks	Electric RHGSE
Cable Reel Adapter						
ZGS-10794-1	Cable Reel Adapter Assembly (Replaces ZGS-10454-1)	Not available	1		6 Weeks	All RHGSE
ZGS-10455-1	Breeze Adapter Subcomponent of ZGS-10794-1	Not available	1		6 Weeks	All RHGSE
ZGS-10456-2	Goodrich Shaft Subcomponent of ZGS-10794-1	Not available	1		6 Weeks	All RHGSE
ZGS-10790-1	Cable Reel Adapter Torque Nut Subcomponent of ZGS-10794-1	Not available	1		6 Weeks	All RHGSE
Capstans and Covers						
ZGS-10113-20 (3Groove) (Consumable)	Upper Capstan for use with the 5mm cable	3950-01-566-0494	1		8-10 Weeks	All RHGSE
ZGS-10113-20-1 (3Groove) (Consumable)	Lower Capstan for use with the 5mm cable	3950-01-610-3216	1		8-10 Weeks	All RHGSE
ZGS-10113-30 (3Groove) (Consumable)	Capstan for use with 5/32" cable for use as Lower and Upper Capstan	3950-01-610-3217	1		8-10 Weeks	All RHGSE
ZGS-10113-40 (3Groove) (Consumable)	Capstan for use with 1/8" cable for use as Lower and Upper Capstan	4010-01-629-2990	1		8-10 Weeks	All RHGSE
ZGS-12474-1 (3Groove) (Consumable)	Lower Capstan (Black) for use with 4.5 mm Cable and 3/16" Cable	3950-01-629-2987	1		8-10 Weeks	All RHGSE
ZGS-12474-2 (3Groove) (Consumable)	Upper Capstan (Orange) for use with 4.5 mm Cable or 3/16" Cable	3950-01-629-2970	1		8-10 Weeks	All RHGSE
ZGS-10340-1 (3Groove) (Consumable)	Capstan for use with 3.5mm Cable for use as Lower and Upper Capstan	4010-01-629-2971	1		8-10 Weeks	All RHGSE
ZGS-10506-1 (4Groove) (Consumable)	Compound Capstan 4 Grooves for use as Lower and Upper Capstan	Not available	1		8-10 Weeks	Hydraulic RHGSE Electric RHGSE
ZSB-015	Upgrade Kit to 4 Groove Capstan includes two ZGS-10506-1 Capstans with appropriate hardware	Not available	1		8-10 Weeks	Hydraulic RHGSE Electric RHGSE
ZGS-10276-1 (5Groove) (Consumable)	Compound Capstan (5 Groove) [for use with 3/16 inch cables or .188] for use as Lower and Upper Capstan. Special Capstan for High usage customers	Not available	1		10-12 Weeks	Take Up Assembly RHGSE

Document Title	All RHGSE Repair Parts List - (Commercially available off the shelf)	
Document No.	Document Type	Release Date
Appendix F	Repair Parts List	2/20/2019



Valid until December 31, 2019

Part Number	Nomenclature/Description	NSN	Qty	Picture	Lead Time (If Not In Stock)	Used On
ZGS-12971-1 (5Groove) (Consumable)	Capstan 5 Grooves 4.5mm [(for use with the 4.5mm (undersized cables)] for use as Lower and Upper Capstan. Special Capstan for High usage customers	Not available	1		10-12 Weeks	Take Up Assembly RHGSE
ZGS-10328-1	Capstan Cover Assembly (Front open version for older RHGSE only)	Not available	1		6 Weeks	All RHGSE Older Models
ZGS-10328-2	Capstan Cover Side Pivoting (Retro Fit)	Not available	1		6 Weeks	Hydraulic RHGSE Manual RHGSE Older Models
ZGS-10328-3	Capstan Cover Assembly Side Pivoting	Not available	1		6 Weeks	All RHGSE
ZGS-10328-4	Capstan Cover Assembly Magnetically Latched	3020-01-629-2975	1		6 Weeks	Hydraulic RHGSE Electric RHGSE
Chains & Guard						
ZGS-10107-1	Roller Chain	Not available	1		2 Weeks	All RHGSE
ZGS-10080-1	Chain Guard Upper	Not available	1		8 Weeks	All RHGSE
Chargers						
ZGS-10057-1	Battery Charger (110 volt)	Not available	1		12 Weeks	Hydraulic RHGSE
ZGS-10057-2	Battery Charger International (220 volt)	Not available	1		12 Weeks	Hydraulic RHGSE
Clutch						
ZGS-10369-1	Clutch Band [Replaces ZGS-11055-1 Brake Band]	Not available	1		4 Weeks	Manual RHGSE Electric RHGSE
ZGS-11389-1	90 VDC	Not available	1		5 Weeks	Electric RHGSE
Compressor						
ZGS-10052-1	Air Pump (Compressor)	Not available	1		2 Weeks	Hydraulic RHGSE
ZGS-10848-1 (Consumable)	Air Filter Assembly	Not available	1		2 Weeks	Hydraulic RHGSE
ZGS-10848-1 (Consumable)	Air Filter Assembly	Not available	1		2 Weeks	Hydraulic RHGSE
Controllers						
ZGS-11392-1	Controller	Not available	1		6 weeks	Electric RHGSE

Document Title	All RHGSE Repair Parts List - (Commercially available off the shelf)	
Document No.	Document Type	Release Date
Appendix F	Repair Parts List	2/20/2019



















Valid until December 31, 2019

Part Number	Nomenclature/Description	NSN	Qty	Picture	Lead Time (If Not In Stock)	Used On
Displays						
ZGS-10192-1	Cable Length Digital Indicator	Not available	1		6-8 Weeks	Hydraulic RHGSE
ZGS-10192-2	Cable Speed Digital Indicator	Not available	1		6-8 Weeks	Hydraulic RHGSE
ZGS-11100-2	Load Cell Indicator (Display)	Not available	1		4 Weeks	Maual RHGSE Electric RHGSE
ZGS-12109-3	Load Cell Display Meter	Not available	1		4 Weeks	Hydraulic RHGSE
Drum & Spooler						
ZGS-10022-1	Tub GSE (Rotatub)	5985-01-566-0497	1		10 Weeks	All RHGSE
ZGS-10149-1 (Consumable)	Rotatub Plug	5935-01-566-0503	Pack of 5		2 Weeks	All RHGSE
ZGS-10357-1	Cable Spooler- Basic (White)	8130-01-630-3434	1		10 Weeks	All RHGSE
ZGS-11134-1	EC Hook Cable Spooler [For use only with the EC145 & EC135 Hook]	4030-01-629-2996	1		10 Weeks	All RHGSE - EC Hook Users
Filters						
ZGS-10069-1	Head Assy and Filter (Currently in use)	4330016243833	1		4 Weeks	Hydraulic RHGSE
ZGS-10069-2 (Consumable)	Oil Filter Cartridge - Hydraulic Filter	2940016292978	1		4 Weeks	Hydraulic RHGSE
ZGS-10069-3	Hydraulic Filter Head	Not available	1		4 Weeks	Hydraulic RHGSE
Fuses						
ZGS-10287-1 (Consumable)	Mega Fuse (200 amp)	5920016292994	1		2 Weeks	Hydraulic RHGSE
ZGS-10767-1 (Consumable)	Hydraulic RHGSE Fuse Kit Fuse, 1amp (3 qty) 5amp (4qty) 15amp (2qty)	Not available	1		2 Weeks	Hydraulic RHGSE
0326010.HXP (Consumable)	10Amp Slo-Blow Fuse (pack of 5)	Not available	Pack of 5		2 Weeks	Electric RHGSE

Document Title	All RHGSE Repair Parts List - (Commercially available off the shelf)	
Document No.	Document Type	Release Date
Appendix F	Repair Parts List	2/20/2019















Valid until December 31, 2019

Part Number	Nomenclature/Description	NSN	Qty	Picture	Lead Time (If Not In Stock)	Used On
Handles						
ZGS-10111-1	Tow Handle	2540015948400	1		8 Weeks	All RHGSE
ZGS-10770-1	Tow Handle Retainer Quick Release Pin	Not available	1		2 Weeks	Hydraulic RHGSE Manual RHGSE Electric RHGSE
ZGS-11109-1	Brake Adjuster	Not available	1		4 Weeks	Manual RHGSE Electric RHGSE
ZGS-11240-1	Manual Handcrank Bearing Assembly	Not available	1		6 Weeks	Manual RHGSE Electric RHGSE
ZGS-11242-1	Tow Handle Quick Release Pin	Not available	1		2 Weeks	Manual RHGSE Electric RHGSE
ZGS-11396-1	Brake Handle Limit Switch Assembly	Not available	1		6 weeks	Electric RHGSE
Hydraulic Hoses						
ZGS-10072-3	Hydraulic Motor Hose Assembly	Not available	1		4 Weeks	Hydraulic RHGSE
ZGS-10075-3	Low Pressure Hose	Not available	1		4 Weeks	Hydraulic RHGSE
ZGS-10076-1	Return Hose Assembly	Not available	1		4 Weeks	Hydraulic RHGSE
ZGS-10077-1	Pressure Hose Assembly	Not available	1		4 Weeks	Hydraulic RHGSE
Hydraulic Tank Components						
ZGS-10070-1	Hydraulic Tank Including Sight Gauge	Not available	1		4-5 Weeks	Hydraulic RHGSE
ZGS-10095-2	Hydraulic Tank Assembly	Not available	1		6 weeks	Hydraulic RHGSE
ZGS-10772-1	Sight Gauge	Not available	1		4-5 Weeks	Hydraulic RHGSE
ZGS-10804-1	Sight Gauge O'Ring Repair Kit	Not available	1		1-2 Weeks	Hydraulic GSE
Lanyards						
ZGS-10330-2	Lanyard, Tensioning Arms	Not available	1		2 Weeks	All RHGSE
ZGS-10330-3	Leg Standoffs Lanyard	Not available	1		2 Weeks	Hydraulic RHGSE Manual RHGSE Older Models

Document Title	All RHGSE Repair Parts List - (Commercially available off the shelf)	
Document No.	Document Type	Release Date
Appendix F	Repair Parts List	2/20/2019









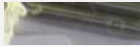





Valid until December 31, 2019

Part Number	Nomenclature/Description	NSN	Qty	Picture	Lead Time (If Not In Stock)	Used On
Load Cells & Indicators						
ZGS-11099-2	Load Cell	Not available	1		8 Weeks	All RHGSE
ZGS-10316-1	Load Cell Assembly	6670016292983	1		8 Weeks	Hydraulic RHGSE
ZGS-11112-2	Load Brake Support	Not available	1		8 Weeks	Hydraulic RHGSE Manual RHGSE Electric RHGSE
ZGS-11113-1	Load Reaction Clevis	Not available	1		8 Weeks	Hydraulic RHGSE Manual RHGSE Electric RHGSE
Lubridryer						
ZGS-10048-1	Lubridryer Assembly	Not available	1		8 Weeks	Hydraulic RHGSE
ZGS-10048-2	Lubridryer Assembly Manual GSE	Not available	1		8 Weeks	Manual RHGSE Electric RHGSE
ZGS-10104-10 (Consumable)	Container of Lubridryer Pads	4910015660493	Pack of 100		4 Weeks	All RHGSE
ZGS-10126-1	Lubridryer Bushing	5365015660496	1		6 Weeks	MagSens RHGSE Older Models
ZGS-10147-1	Thumbscrew Assembly	Not available	1		4 Weeks	All RHGSE Older Models
ZGS-10361-1	#10 Thumbscrew	Not available	1		4 Weeks	All RHGSE
ZGS-10739-1	Lubridryer Bushing Assembly Captive Screw	Not available	1		4-6 Weeks	All RHGSE
ZSB-019	Addition of Captive Screws to Lubridryer Bushing (This kit has the two needed for upgrading each RHGSE)	Not available	1		4-6 Weeks	All RHGSE

Document Title	All RHGSE Repair Parts List - (Commercially available off the shelf)	
Document No.	Document Type	Release Date
Appendix F	Repair Parts List	2/20/2019



















Valid until December 31, 2019

Part Number	Nomenclature/Description	NSN	Qty	Picture	Lead Time (If Not In Stock)	Used On
MagSens						
ZGS-10387-1	MagSens 2 Cable	Not available	1		8 Weeks	MagSens
ZGS-10245-1	MagSens Mounting Bracket	Not available	1		8 Weeks	MagSens
ZGS-10776-1 (Consumable)	MagSens Encoder Wheel Kit	Not available	1		8-10 Weeks	MagSens
ZGS-10225-1 (Consumable)	Encoder Idler Wheel (Kit)	Not available	1		4 Weeks	MagSens
ZGS-10226-1	Compression Spring	Not available	1		4-6 Weeks	MagSens
ZGS-10228-1	Idler Bearing Spring Mount	Not available	1		4-6 Weeks	MagSens
ZGS-10229-1	Shaft, Idler	Not available	1		4-6 Weeks	MagSens
ZGS-10236-1	Bearing, Idler Wheel	Not available	1		4-6 Weeks	MagSens
ZGS-10238-1	Idler Shaft Spacer	Not available	1		4-6 Weeks	MagSens
ZGS-10773-1	779677 Daqpad	Not available	1		4-6 Weeks	MagSens
Manifold						
ZGS-10068-1	Manifold Assembly	Not available	1		6-8 Weeks	Hydraulic RHGSE
ZGS-10768-1	Tamper Resistant Cover	Not available	1		4 Weeks	Hydraulic RHGSE

Document Title	All RHGSE Repair Parts List - (Commercially available off the shelf)	
Document No.	Document Type	Release Date
Appendix F	Repair Parts List	2/20/2019



















Valid until December 31, 2019

Part Number	Nomenclature/Description	NSN	Qty	Picture	Lead Time (If Not In Stock)	Used On
Motor/Pumps						
ZGS-10017-1	Motor/Pump Assembly	4320015945097	1		12 Weeks	Hydraulic RHGSE
ZGS-10067-1	Hydraulic Motor	Not available	1		12 Weeks	Hydraulic RHGSE
ZGS-10071-1	Motor-Pump Kit	Not available	1		12 Weeks	Hydraulic RHGSE
ZGS-10424-1	Hydraulic Pump	Not available	1		4-6 Weeks	Hydraulic RHGSE
ZGS-10499-1	24VDC Motor (Only with no pump)	Not available	1		12 Weeks	Hydraulic RHGSE
ZGS-11482-1	Electric Motor Assembly	Not available	1		8 weeks	Electric RHGSE
Oils						
Royco 782 - 5 Gallon	5 gallon Hydraulic Oil- Meets MIL-H-83282 standards	Various	1		4-6 weeks	Hydraulic RHGSE
Platen Components						
ZGS-10248-1	Infinitely Adjustable Platen Assembly	Not available	1		8-10 weeks	All RHGSE
ZSB-016	Delrin Slip Pad Kit for Zephyr RHGSE (Including hardware)	Not available	1		4 Weeks	All RHGSE
Pulleys & Spacers						
ZGS-10036-1	Capstan Pulley	Not available	1		4 Weeks	All RHGSE
ZGS-10134-1	Spacer	Not available	1		2 Weeks	All RHGSE
ZGS-10475-1	Capstan Upper Attachment	Not available	1		3-4 weeks	All RHGSE
ZGS-10477-1	6" Pulley	Not available	1		8-10 weeks	Hydraulic RHGSE Manual RHGSE Electric RHGSE
ZGS-10479-1	2" Pulley Assembly Lower	Not available	1		6-8 weeks	All RHGSE
ZGS-10479-2	2" Pulley Assembly Upper	Not available	1		6-8 weeks	All RHGSE
ZGS-10803-1	Roll Pin	Not available	1		2 Weeks	All GSE

Document Title	All RHGSE Repair Parts List - (Commercially available off the shelf)	
Document No.	Document Type	Release Date
Appendix F	Repair Parts List	2/20/2019









Valid until December 31, 2019

Part Number	Nomenclature/Description	NSN	Qty	Picture	Lead Time (If Not In Stock)	Used On
Tensioning Blocks/Wheels/Rollers/Arms						
ZGS-10047-1	Tension Release Pins	5315015951365	1		2 Weeks	Hydraulic RHGSE Manual RHGSE Older Models
ZGS-10047-2	Tension Release Hitch Pins	5315016292977	1		2 Weeks	All RHGSE
ZGS-10114-2	Base Tensioner Lite including hardware (Replaces the ZGS-10114-1)	Not available	1		4-6 Weeks	All RHGSE
ZGS-10120-1	Tensioner Spring	Not available	1		2 Weeks	All RHGSE
ZGS-10127-1	Tension Roller Assembly	3110016292968	1		8 Weeks	All RHGSE
Tensioning Blocks/Wheels/Rollers/Arms						
ZGS-10128-1	Tensioner Assembly Lower (Material & color Change for 2019)	Not available	1		8 Weeks	Hydraulic RHGSE Manual RHGSE Electric RHGSE
ZGS-10129-1	Tensioner Assembly Upper (Material & color Change for 2019)	Not available	1		8 Weeks	Hydraulic RHGSE Manual RHGSE Electric RHGSE
ZGS-10258-1	Tension Wheel Small	3020015933739	1		4 Weeks	All RHGSE
ZGS-10259-1	Tension Wheel Large	3020015933737	1		4 Weeks	All RHGSE
ZGS-10775-1	Tension Wheel Large with Bolt	Not available	1		4 Weeks	All RHGSE
ZGS-10294-1 (Consumable)	Exit Roller Assembly	3110016292981	1		8 Weeks	All RHGSE
ZGS-10362-1	Tension Wheel Assembly Small	Not available	1		4 Weeks	All RHGSE
ZGS-10363-1	Tension Wheel Assembly Large	Not available	1		4 Weeks	All RHGSE
ZGS-11220-1	Tensioner Pivot Arm, Lower	Not available	1		4-6 Weeks	All RHGSE
ZGS-11221-1	Tensioner Pivot Arm, Upper	Not available	1		4-6 Weeks	All RHGSE
Solenoid						
ZGS-10065-1	Motor Starter Solenoid	Not available	1		4 Weeks	Hydraulic RHGSE

Document Title	All RHGSE Repair Parts List - (Commercially available off the shelf)	
Document No.	Document Type	Release Date
Appendix F	Repair Parts List	2/20/2019



Valid until December 31, 2019

Part Number	Nomenclature/Description	NSN	Qty	Picture	Lead Time (If Not In Stock)	Used On
Wheels/Casters						
ZGS-10143-2	Fixed Caster	Not available	1		4 Weeks	Hydraulic RHGSE Manual RHGSE Electric RHGSE
ZGS-10144-2	Protech Caster, Swiveling	Not available	1		4 Weeks	Hydraulic RHGSE Manual RHGSE Electric RHGSE
ZGS-10314-1	PSL-7000 with wings (Locks)	Not available	1		4 Weeks	Hydraulic RHGSE Manual RHGSE Electric RHGSE
ZGS-10670-1	Replacement Wheels with Bearings	Not available	1		4 Weeks	Hydraulic RHGSE Manual RHGSE Electric RHGSE
600 lbs. Hook Check						
ZSB-011-Kit	600 lbs Hook Check Capability	Not available	1		2 Weeks	Hydraulic RHGSE
ZGS-11443-1	Electric & Manual GSE Lifting Assembly (600 lbs. Hook Checkpoint)	Not available	1		5-6 weeks	Manual RHGSE Electric RHGSE