

WARRANTY

POLICY & PROCEDURES



Challenger Lifts

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Parts and Service

Part orders should be faxed or emailed to the Service Department's attention.

For service, technical support, and information regarding returned parts and warranty claims please contact Challenger Lifts Inc. Service Department at:

Phone: 800-648-5438

Fax: (502) 625-0758

The service department can also be reached by emailing:

service@challengerlifts.com

If the Service Department is unavailable, please leave a detailed message including 15 digit serial number, claim numbers, contact phone numbers and names.

KEYS TO A SUCCESSFUL WARRANTY CALL

- **IMPORTANT:** Know the Serial Number of the lift needing service. Challenger is serial number driven
- ***Challenger reserves the right to use the closest service company to the end user***
All warranty service calls that will exceed \$250.00 in total expenses or is located over 200 miles roundtrip must be called or faxed into Challenger Lifts Customer Service department. The service company will need to furnish the serial number of the equipment involved, a description of the problem and a description of the proposed repair. The Service Department will assign you a Service Authorization number.
- Know the Warranty Terms of the Challenger product being worked on
 - Freight terms on warranty parts follows the labor period
- Know that it is a warrantable issue before you submit a Claim form
 - A dispatch call from Challenger does not necessarily mean that the problem an end user is experiencing is a warrantable issue
- If you encounter a problem while at the lift location that requires help from Challenger Technical Service, call from the site, do not leave and then call. Identify to the Challenger receptionist that you are at the site. If the service tech does not answer have them paged or ask for another service tech. *Please do not leave message for at times the call volume is high and might not be able to return call immediately.*
- On returning an RMA part please mark outside of the box with the RMA number clearly.
- Ensure that any RMA parts have been returned – RMA parts must be received back to Challenger before the Labor Claim form is processed. If the parts are not back, then Challenger will return the form to the Service Company
 - Challenger sends a Return Call Tag with all small parts and for larger or heavier parts includes instructions for a Truck Pickup on the shipping and invoice documents
- Use a Challenger Warranty Claim form
 - It ensures all the required information is included in the claim
 - Ensure an adequate description of the complaint and the work done to remedy is included on the form
 - Explain any reasons which required your service technician to spend more time than the approved labor allowance for the service activity
 - Use the Warranty rates Challenger and your company has agreed upon
- Submit the Warranty Claim Form on a timely basis.

Warranty Agreement

Each Challenger Lift is shipped with a written Limited Warranty form, which includes a general warranty statement, a statement of the periods of coverage, and general conditions. Please refer to this form for complete terms. The Limited Warranty Form constitutes the entire agreement between Challenger Lifts, Inc and the buyer of the warranted lift product. The following table outlines the warranty periods for all product lines within the Continental United States and Canada.

Warranty Periods begin from the date the lift, part or accessory is invoiced by Challenger Lifts, Inc. For lifts, this date can be later if the Warranty Registration Card is completed and returned to Challenger within a **reasonable** time after Challenger has invoiced this lift. Challenger has the sole discretion in determining if a lift is registered within a reasonable period of time. **This also applies to lifts registered on Challenger's web site, www.challengerlifts.com.**

Warranty Periods

Product Line	Model(s)	Parts	Labor, Mile, Freight
2 Post	(CLXP9/CL10/CL12/15/18)	2 Years	1 Year
2 Post	(CLFP9/E10/SA10/E12)	1 Year	1 Year
4 Post	(4P14/4015/44012LR)	2 Years	1 Year
4 Post	(44018/30/40/50/60)	1 Year	1 Year
4 Post Parking Lift	(CL4P Series)	1 Year	1 Year
Cassettes	(AV/EV Series)	2 Years	1 Year
Rolling Jacks	(RJ & SAJ Series)	1 Year	1 Year
Short/ Mid Rise/Scissor	(SRM10/MR6/DX77)	1 Year	1 Year
Mobiles	(CLHM Series)	1 Year	1 Year
Power Stations		90 Days	None
Accessories & Purchased Parts		90 Days	None

(1) – Filter, Lubricator & Regulators (FLR) shipped as part of the Rolling Jacks are warranted for the same period as the Rolling Jack, as long as the FLR is not contaminated by wet or dirty air.

Export Shipments: (shipments other than to Continental United States and Canada) are warranted for 1 year (parts only), Freight & Labor NOT included. Terms are Ex-Works, Challenger Lifts, Inc.'s factory.

National & Key Accounts: Please contact Challenger Lifts, Inc. for warranty policies.

Register Your Lift

To register your lift to start the warranty you can.

- 1) Fill out the warranty registration online.
- 2) If you do not fill out your warranty registration within 90 days of install the warranty period will start from date of invoice.

Challenger Lifts

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Request Information

FOR INTERNATIONAL INQUIRIES
CLICK HERE

Become a Distributor or Installer

Car Lifts

- 2 Post Lifts
- 4 Post Lifts
- Inground Lifts
- Double Scissor Lifts
- Mobile Column Lifts
- Mid Rise Lifts / Short Rise Lifts
- Home Garage Lifts

Register Your Car Lift

Enter Email

Register your lift

You may have purchased up to 20 car lifts. Please enter in the number for each lift you purchased.

* denotes a required field

Promotion Code:
(if applicable)

* Email :

* Sold By :

* Sold To :

* Sold To Contact:

* Sold To Email:

* Phone :

Fax :

* Address 1 :

Address 2 :

* City :

* State/Province :

* Country :

* Zip/Postal Code :

* Company:

Please list full 15 digit serial numbers in the fields below.

* Serial # :

* Installed By :

* Installed On :
format is (mm/dd/yyyy)

- 1) Go to Challenger Lifts Web Site
- 2) Click on Register Your Car Lift
- 3) Fill out the information listed
- 4) You can register up to 20 lifts at one location

LIMITED WARRANTY EXCLUSIONS

In keeping with the practice of the automotive industry in general, selected items are excluded from warranty coverage. These items include, but are not limited to, the items listed below:

- Normal wear and tear items such as sheaves and cables are not covered under the terms of the Limited Warranty
- Items such as air cylinders, air valves and palm buttons that are subject to water corrosion.
- Replacement of hydraulic fluid, rubber pads, corner pads, and other wear guards.
- Tightening of hoses, hydraulic lines and field installed fittings – factory installed fittings are only covered for 30 days
- Adjusting cables or chains
- Greasing of posts
- Lock Adjustment
- Resetting of circuit breaker
- Inadequate wiring/voltage
- Touch – up of painted surfaces
- Faulty concrete
- Improper anchoring
- Problems resulting from failure to install the lift in accordance with Challenger's Installation and Operating Manuals
- Damage to components incurred in transportation and unloading
- Damage caused by failure to observe the provisions of the operating and maintenance instructions
- Damage Arms resulting from not using all four arms when lifting
- Damage related to the overloading of the lift's capacity
- Damage caused by high or low voltage, lightning strikes, or other irregularities in the electrical power supply
- Damage caused by unauthorized alterations, repairs, modifications, or additions to the equipment
- Damage arising from misuse, abuse, neglect, or accident
- Lifts installed outside and/or not protected from the weather
- Damage or deterioration resulting from corrosion
- Time spent "trouble shooting" without authorization

See the Limited Warranty Statement for full terms and conditions.

Warranty Process

Challenger Lifts Inc. (CLI) is a major manufacturer of automotive lifts, known throughout the automotive industry for its quality products. CLI stands behind its lift products with a comprehensive warranty program. As part of an effort to streamline the administration of our warranty program and increase our responsiveness to both installers and the end users, certain guidelines have been implemented. These guidelines will result in a warranty program that is both effective and easy to administer.

- 1) All warranty service calls that will exceed \$250.00 in total expenses or is located over 200 miles roundtrip must be called into Challenger Lifts Customer Service department. The service company will need to furnish:
 - a. 15 digit serial number of the equipment involved. *(If you cannot locate on cassette and short rise lifts the last 6 digits is stamped on corner of center cover on cassette lifts and base of lift by hydraulic cylinder.)*
 - b. Description of the problem and a description of the proposed repair.
 - c. The Service Department will assign you a Service Authorization number if deemed to be a warranted situation.
- 2) It is the responsibility of the service company to determine if the service activity is covered under Challenger's warranty terms. If there is any uncertainty as to the terms of the specific product warranty contact the Challenger Service Department before making the service call.
- 3) **IMPORTANT:** If you are sent a dispatch from Challenger Service Department it is NOT authorization to treat as warranty. At that time you as a representative of Challenger lifts will determine if true warranty or not and proceed accordingly. If not warranty you will be paid for the mileage and labor to diagnose the situation.
- 4) **IMPORTANT:** If you perform a warranty repair that is authorized by someone other than Challenger Lifts Service Department, there is no guarantee your claim will be accepted and processed as warranty.
- 5) Mileage and labor rates will be paid in accordance with CLI's and the service company's written agreement on file. No changes in the mileage and labor rates may be made by the service company without written authorization from Challenger. No overtime will be allowed without prior authorization.
- 6) The mileage rate will include drive time. Mileage will not be allowed on warranty repairs performed with new installations and routine service calls. CLI reserves the right to combine mileage on warranty repairs performed in the same vicinity on the same day. Mileage totals over 200 miles will be determined using the web site Google Maps as a standard.
- 7) Labor time will be paid in accordance with Challenger's Warranty Allowances contained in this book. If service time claimed on the Warranty Claim Form exceeds the time allowed then a detail explanation must be included on the form. It is Challenger's sole discretion to determine the reasonability of the extra time charged.
- 8) ***All warranty repairs must be made by the nearest factory authorized Service Company. In any case, mileage will be determined, by Challenger, from the closest available service center to the lift location.***

- 9) If a part is to be returned a RMA number will be issued.
 - a. If part is UPS or FedEx able then a call tag will be shipped with warranty part for return.
 - b. If the part needs to be picked up LTL or flat bed then:
 - i. Once part is properly packaged call Service Department
 - ii. Will need the RMA number, location of part, contact and phone number
 - c. The RMA part will be billed on your account and credited once the defective part(s) is received at Challenger.
 - d. All RMA parts need to be received at Challenger Lifts in a timely manner to be properly credited.

10) IMPORTANT: Warranty claims will NOT be processed until RMA part has been returned

11) Warranty claims **must** be filed on Challenger Lifts Warranty Claim Forms within 60 days of the completion of repairs. Claims submitted after 60 days of the completion of the repairs may, at Challenger's discretion, not be honored.

12) All claims must be properly and completely filled out with a detailed explanation of the problem and repair. If the Warranty Claim form is not filled out completely it will be returned to the service company.

13) Parts (RMA's) requested to be returned by the Challenger Service Department must be returned to Challenger in accordance with Challenger's Policies and Procedures. See Page 11 in this book. All RMA's must be returned to Challenger using an authorized Challenger freight company for those parts still in the labor & freight warranty period, and accepted by Challenger before the related service labor claim will be processed. RMA's must be returned within 45 days from the date of Challenger's shipment of the parts or payment for the RMA parts invoice is expected to be paid.

14) CLI reserves the right to effect warranty repairs with factory personnel.

15) All freight must be counted and inspected upon delivery. Any damages or shortages must be noted on the freight bill before signing. If possible, contact CLI's logistics department before signing the bill. Also, remember to check for hidden damage. If hidden damage is suspected, the freight documents should be marked as such to protect both the service center and CLI.

16) If CLI receives a warranty claim for a diagnosis trip and CLI determines it could have been diagnosed over the phone, then that claim **will not** be paid unless preauthorized by CLI service department.

17) Multiple trips for the same service activity are not paid unless special circumstances exist and are pre-approved by the Challenger Service Department. CLI reserves the right to not pay for return trips because the service center did not have commonly used service parts. See pages 12-14 for the recommended stocking list.

18) Warranty service calls are paid by Challenger by credit or check, at Challenger's sole discretion.

19) Service parts used in the warranty service call may be paid for or replaced at Challenger's sole discretion. If paid for, the cost will be the service company's cost to purchase from Challenger. For replacement part(s) call the service department. Do **Not** request replacement part(s) on warranty labor claim.

Warranty Labor Claim Form



WARRANTY LABOR CLAIM FORM

Claim No. **70189**

200 Cabel Street, P.O. Box 3944
Louisville, Kentucky 40201-3944

PARTS MUST BE RETURNED BEFORE CLAIM IS PROCESSED
INCOMPLETE WARRANTY CLAIMS WILL BE RETURNED FOR COMPLETION

#1	SERVICE CLI CUST./VENDOR NO. _____ COMPANY TELEPHONE # (____) _____ Name _____ Address _____ City _____ State _____ Zip _____	Serial No. _____ Model No. _____ Date Purchased _____ Install Date _____ Date Defect Reported _____ Service Date _____	#8
#2	LIFT LOCATION TELEPHONE # (____) _____ Name _____ Address _____ City _____ State _____ Zip _____	Factory Service Dept. Authorization required on service calls exceeding the following guidelines: <i>Service Requiring Parts or Calls Over 50 Miles From Service Center and/or Claim that Will Exceed \$200.00.</i> Warranty Authorization No. _____ Return Parts RMA No. _____	#9
#3	INSTALLED BY Name _____ Address _____ City _____ State _____ Zip _____	Mileage _____ Miles @ _____ / Mi. = _____ Service Labor _____ Hrs. @ _____ / Hr. = _____ Misc Items (Attach a Copy of Receipt or Furnish CLI Invoice Number) _____ = _____ _____ = _____ _____ = _____ Total = _____	#10
#4	Complaint _____ _____ _____		
#5	Corrective Action Taken: _____ _____ _____ _____		
#6	Special Comments: _____ _____ _____		
#7	Lift Service Acceptance By _____ Title _____ Lift Service Technician _____ Date _____		
This form is to be used for reporting all warranty claims and must be submitted complete within 30 days from date of repair otherwise Challenger Lifts, Inc. will not guarantee payment.			
CHALLENGER LIFTS, INC. OFFICE USE - DO NOT WRITE BELOW THIS LINE <input type="checkbox"/> Approved <input type="checkbox"/> Partially Approved <input type="checkbox"/> Disallowed COMMENTS: _____ _____ _____			
CODES: _____ BY: _____ DATE: _____			

CHALLENGER COPY MAIL TO CHALLENGER LIFTS (DO NOT FAX)

Warranty Labor Claim Form

- #1) Service center performing the warranty work
- #2) Physical location of lift
- #3) If you know who installed please provide. If not then not necessary.
- #4) Complaint that was reported by end user or service dispatcher.
- #5) Actual work performed. If you exceed the allotted time needs to be noted in this block of what caused the extra time and will be considered.
- #6) Anything that would affect the proper performance of the lift.
- #7) Signature of end user and service technician
- #8) 15 digit serial number of the lift location
 - Model number of lift
 - Date of purchase if known
 - Install date if known
 - Date defect was reported to you
 - Actual date the warranty work was completed
- #9) If location over 50 miles or work being performed is estimated over \$250.00 need to call Challenger in advanced to be authorized.
If a part needs to be returned for inspection and credit then provide RMA number
- #10) Mileage: calculated round trip. No windshield time. If more than one trip please provide number of trips.
Labor: calculated in man hours as shown on pages 11 thru 13.
Times are shown in man hours. If it takes 4 hours and you used 2 men this would be 8 man hours.
Misc items: any parts purchased for use on this lift. Need to provide receipt or invoice number.

AUTHORIZED WARRANTY LABOR ALLOWANCES

Allowances for specific warranty repairs have been established by analysis of historical records and time studies conducted on Challenger Lift's facilities. Any repair exceeding the established repair time must be preauthorized or have an explanation for additional time to resolve the problem, otherwise the claim will automatically be adjusted and credited accordingly.

TIME ALLOWANCES NOT LISTED, CONSULT WITH SERVICE DEPARTMENT

Universal Items

Repair Service	Total Man Hours
Lowering Valve or Check Valve	.50
Power Unit Run - Micro Switch	.50
Power Unit	1.00
Power Unit – Bench Mount and Dual Pendant	2.00
Control Relay – Bench Mount and Dual Pendant	1.00
Reservoir & Pick Up Tube	.50
Pressure Relief Valve	.50

2-Post Lifts

Repair Service	Total Man Hours
Arm – Male	.50
Arm – Female	.75
(1) Cylinder	1.00
(2) Cylinders	1.50
(1) Cylinder (12, 15 & 18K)	1.50
(2) Cylinders (12, 15 & 18K)	2.50
(1) Carriage, Column or Slide Blocks set (excludes 15k & 18k)	5.00*
(2) Carriages or Slide Block sets (excludes 15k & 18k)	7.00*
(1) Carriage, Column or Slide Blocks set (15k & 18k)	6.00
(2) Carriages, Column or Slide Blocks set (15k & 18k)	8.00
(1) Synch. Cables	1.00
(2) Synch. Cables or Chains	1.50
Hydraulic Line or Hose – Power Side / Power Unit	.50
Hydraulic Line or Hose – Idler Side	1.00
Dual Pendant Control	.50
Overhead Limit Switch	1.00
Lock Release Cable	1.00
Factory Installed Hyd. Fittings (First 30 Days)	.50

**** Denotes (1) extra hour for Models CL10-3 and 12000 any series ****

All times listed reflect total man-hours allowed, regardless of crew size. Total man hours should not exceed these allotted times without an explanation of the special circumstances. These circumstances will be evaluated in the normal manner and it is Challenger's sole discretion to determine.

TIME ALLOWANCES NOT LISTED, CONSULT WITH SERVICE DEPARTMENT

4-Post Lifts

4 Post Closed Front Series

Repair Service	Total Man Hours
Chain or Cable	1.50
Hydraulic Cylinder	1.50
Safety Rods or Ladder	.50
Column Replacement	1.00
Overhead Beam	3.00
Hydraulic Hose	.50
Drive on Ramp	.50
Runway	3.00
2 Runways	5.00
Latch Air Cylinder or Latch Replacement (each corner)	.75
Sheaves – Each Column	1.00
Sheaves – Runway Stack	2.00

4 Post Open Front Series

Repair Service	Total Man Hours
Cable (each)	1.50
Hydraulic Cylinder	1.50
Safety Ladder (each corner)	.50
Column Replacement – Front	1.50
Column Replacement – Rear	1.00
Hydraulic Hose	.50
Drive on Ramp	.50
Runway	3.00
2 Runways	5.00
Latch Air Cyl or Latch Replacement (front column, each corner)	1.50
Latch Air Cyl or Latch Replacement (rear columns, each corner)	1.00
Sheaves – Each Column	1.00
Sheaves – Runway Stack	2.00

Rolling Jacks

Repair Service	Total Man Hours
Hydraulic Jack Pump	1.00
Cylinder Replacement	1.50
Hydraulic Jack Side Member	.50
Hydraulic Jack F/L/R	.50

All times listed reflect total man-hours allowed, regardless of crew size. Total man-hours should not exceed these allotted times without an explanation of the special circumstances. These circumstances will be evaluated in the normal manner and it is Challenger's sole discretion to determine.

TIME ALLOWANCES NOT LISTED, CONSULT WITH SERVICE DEPARTMENT

EV Cassette Lifts

Repair Service	Total Man Hours
Hydraulic Cylinder – 1or 2	8.00
Hydraulic Hose/Line	7.00
Plunger/Cylinder/Equalizer kit	8.00
Super Structure - complete	1.00
Arm – Super Structure	.50
Bearing Weld Assembly (1 Bearing)	1.00
Bearing Weld Assembly (2 Bearings)	1.50
Air Lock Cylinder	1.50

AV Cassette Lifts

Repair Service	Total Man Hours
Controls	1.00
Plunger/Equalizer kit	8.00
Super Structure - complete	1.00
Arm – Super Structure	.50
Bearing Weld Assembly (1 Bearing)	1.00
Bearing Weld Assembly (2 Bearings)	1.50
Air Lock Cylinder	1.50
Water Valve	4.00

Short & Mid Rise

Repair Service	Total Man Hours
Cylinder Replacement	1.00
Lock Leg	1.00

Scissor

Repair Service	Total Man Hours
Cylinder Replacement	2.00
Lock System	1.00

All times listed reflect total man-hours allowed, regardless of crew size. Total man-hours should not exceed these allotted times without an explanation of the special circumstances. These circumstances will be evaluated in the normal manner and it is Challenger's sole discretion to determine.

IMPORTANT

WARRANTY PARTS RETURNS

Very few warranty parts are required for return to the factory. When a part is required back. Prior to return, the part must be tagged with the appropriate RMA number assigned by the service department. **If the part is returned to Challenger without the RMA number, it will be refused and all shipping cost will be your responsibility.**

If the package is less than 150 pounds, use the Return Label sent with the replacement part and follow the directions on the back of the label to call for a pickup.

When the package is over 150 pounds and ready to be picked up, contact the Challenger Service Department to schedule the pickup.

Prior to calling please have:

- RMA number
- Physical address
- phone number
- Contact for pick-up

All parts requiring return must be received within (45) days of the receipt of the replacement part. Failure to do so will result in the following:

- The invoice for the RMA part will be due and immediately payable.
- The labor claim related to that RMA part will not be paid until the part is returned or the invoice paid.

Ship to address is: **Challenger Lifts, Inc.**
200 Cabel St.
Louisville, KY 40206

If you need any assistance in returning parts, please contact Challenger's Traffic Department at **502-625-0700**

Challenger reserves the right to require the return of any parts

Recommended Stocking Parts List

To serve the customer in the best and most economical way, Challenger is providing a recommended parts list for Current Production Lifts. This is an accumulation or historical data for both purchased parts and those that are warranty items.

Please make provisions to keep these parts in stock. With these items, a need for second trip can be eliminated.

CLI will not pay a second trip to install these items.

2 Post Lifts

<u>Part Number</u>	<u>Model</u>	<u>Description</u>	<u>Qty</u>	<u>Part Number</u>	<u>Model</u>	<u>Description</u>	<u>Qty</u>
<i>SPX Power Unit Components</i>				<i>Hydraulic Cylinders</i>			
VF-9021	Excluding DPC	Manual Release Valve	<input type="text"/>	16138R	CL10/SA10	Hydraulic Cylinder	<input type="text"/>
EF-1091	CL10DPC	Solenoid Lowering Coil	<input type="text"/>	JSJ5-07-00CH	E10	Hydraulic Cylinder	<input type="text"/>
2506-AA	All Models	Check Valve	<input type="text"/>	39097R	12000/CL12	Hydraulic Cylinder	<input type="text"/>
2001917	Excluding DPC	Mircoswitch	<input type="text"/>	15075	15/18000	Hydraulic Cylinder	<input type="text"/>
3000860	Excluding DPC	Wiring Assembly	<input type="text"/>	QY31265	CLFP9	Hydraulic Cylinder	<input type="text"/>
3000866	CL10DPC	Wiring Assembly	<input type="text"/>	16138R-SK	CL10/12000	Seal Kit	<input type="text"/>
K-40	All Models	Pump O-ring Kit	<input type="text"/>	JSJ4-07-00SK	E10	Seal Kit	<input type="text"/>
A1206-10-1X	CL10DPC	Pendant Assembly	<input type="text"/>	15075SK	15/18000	Seal Kit	<input type="text"/>
A1206-15	CL10DPC	Junction Box Assembly	<input type="text"/>	QY31265-SK	CLFP9	Seal Kit	<input type="text"/>
12045	CL10/E10/E12	Mercury Switch	<input type="text"/>	<i>Synchronization</i>			
12045-DPC	CL10DPC	Mercury Switch	<input type="text"/>	12100 (Std Ht)	15/18	Synch Cable Assembly	<input type="text"/>
11329	CL10 DPC	Estop replacement kit	<input type="text"/>	12019 (Ext Ht)	15/18	Synch Cable Assembly	<input type="text"/>
<i>Wuxi Deli Power Unit Components</i>				31019	12/15/18	Pulley Assembly	<input type="text"/>
DLH-010	E10 / SA10	Manual Release Valve	<input type="text"/>	12531	12	Synch Cable Assembly	<input type="text"/>
DLH-009	E10 / SA10	Check Valve	<input type="text"/>	A2115-(0/2/3)	CL10/CL10DPC	Synch Cable Assembly	<input type="text"/>
DLH-012	E10 / SA10	Switch Assembly	<input type="text"/>	36025	CL10/CL10DPC	Sheave Assembly	<input type="text"/>
DLH-013	E10 / SA10	Contactora	<input type="text"/>	JSJ5-04-00CH	E10	Synch Cable Assembly	<input type="text"/>
<i>Hydraulic Fittings</i>				JSJ3-03-02	E10	Synch Sheave	<input type="text"/>
16167	All Models	#6 SAE x #6 JIC 90 Elbow	<input type="text"/>	JSJ6-04-00	E12	Synch Cable Assembly	<input type="text"/>
A2128	CL10	#6 SAE x #6 JIC 45 Elbow	<input type="text"/>	JSJ6-03-08	E12	Synch Sheave	<input type="text"/>
39103	CL10	#6 SAE Union Tee	<input type="text"/>	B26052	CLFP9	Synch Cable Assembly	<input type="text"/>
11088	All Models	O-Ring for #6 SAE	<input type="text"/>	B26008	CLFP9	Synch Sheave	<input type="text"/>
JSJ4-15	E10/E12	Union Tee	<input type="text"/>	3W-06-08A (Std Ht)	SA10	Synch Cable Assembly	<input type="text"/>
JSJ5-19	E10/E12	O-Ring Elbow	<input type="text"/>	3W-06-28A (Ext Ht)	SA10	Synch Cable Assembly	<input type="text"/>
JSJ6-19	E10/E12	Power Cyl Elbow	<input type="text"/>	3W-01-04-03	SA10	Synch Sheave	<input type="text"/>
B31116	CLFP9	#6 SAE x #6 JIC Straight	<input type="text"/>				
JSS3-19	CLFP9	#6 SAE x #6 JIC 90 Elbow	<input type="text"/>				
B26000-01	CLFP9	#6 Bulkhead Elbow	<input type="text"/>				
JSJ6-21	E12	5/8-18 Idler Cyl Elbow	<input type="text"/>				

2 Post Lifts

<u>Part Number</u>	<u>Model</u>	<u>Description</u>	<u>Qty</u>	<u>Part Number</u>	<u>Model</u>	<u>Description</u>	<u>Qty</u>
<u>Pneumatics</u>				<u>Lock Release</u>			
37025	12/15/18	Air Cylinder Assembly	<input type="text"/>	A2135-(0/2/3)	CL10/CL10DPC	Lock Release Cable Ass'y	<input type="text"/>
37016	12/15/18	Mac Valve	<input type="text"/>	12656-0	CL12	Lock Release Cable Ass'y	<input type="text"/>
12105	12/15/18	1/8" dia Nylon Air Line	<input type="text"/>	A1131	CL10	Lock Spring	<input type="text"/>
<u>Arm Restraint</u>							
A1070TC	CL10/CLFP9/CL12	Inner Gear	<input type="text"/>	A1132	CL10	Cable Spring	<input type="text"/>
A1072TC	CL10/CLFP9/CL12	Outer Gear	<input type="text"/>	B31150	CLFP9	Soft Latch Release	<input type="text"/>
12093	15/18000	Arm Restraint Assembly	<input type="text"/>	X10-034	E10	Nut (M6)	<input type="text"/>
31052	12000	Arm Restraint Assembly	<input type="text"/>	JSJ5-06-01	E10	Bolt (Cable Clamp)	<input type="text"/>
JSJ5-09-07	E10	Inner Gear	<input type="text"/>	JSJ5-06-02	E10	Sleeve	<input type="text"/>
JSJ4-12	E10	Outer Gear	<input type="text"/>	JSJ5-06CH	E10	Lock Release Cable	<input type="text"/>
JSJ6-09-07	E12	Inner Gear	<input type="text"/>	JSJ4-02-09	E10	Pulley	<input type="text"/>
JSJ6-12	E12	Outer Gear	<input type="text"/>	JSJ5-02-13	E10/E12	Lock Release Spring 1	<input type="text"/>
3W-02-13	SA10	Outer Gear	<input type="text"/>	JSJ5-02-07	E10/E12	Lock Release Spring 2	<input type="text"/>
3W-04-17	SA10	Inner Gear	<input type="text"/>	JSJ6-06	E12	Lock Release Cable Ass'y	<input type="text"/>
				3W-06-11A	SA10	Lock Release Cable	<input type="text"/>

Short / Mid-Rise / Scissor

<u>Power Unit Components</u>				<u>Hydraulics</u>			
VF-9021	All Models	Manual Release Valve	<input type="text"/>	GTYJ3-04-00L	MR6	Hydraulic Cylinder (left)	<input type="text"/>
EF-1092	DX77	Solenoid Lowering Coil	<input type="text"/>	GTYJ3-04-00R	MR6	Hydraulic Cylinder (Right)	<input type="text"/>
2506-AA	All Models	Check Valve	<input type="text"/>	TYJ3-26	MR6	Hydraulic Hose (Long)	<input type="text"/>
2001917	All Models	Mircoswitch	<input type="text"/>	TYJ3-25	MR6	Hydraulic Hose (Short)	<input type="text"/>
3000852	All Models	Wiring Assembly 115V	<input type="text"/>	16167	All Models	#6 SAE x #6 JIC 90 Elbow	<input type="text"/>
3000860	All Models	Wiring Assembly 220V	<input type="text"/>	MR6-011	MR6	3/8MPT x #6 JIC Swivel	<input type="text"/>
3000866	DX77	Wiring Assembly	<input type="text"/>	TYJ3-21	MR6	M14 Male x 3/8NPTM	<input type="text"/>
K-40	All Models	Pump O-ring Kit	<input type="text"/>	63-0022	SRM10	Hydraulic Cylinder	<input type="text"/>
<u>Lock Release</u>							
GTYJ3-31X	MR6	Lock Release Cable	<input type="text"/>	60-0105	SRM10	#6 JIC Male Branch Tee	<input type="text"/>
1251041005	DX77	Lock Release Air Cylinder	<input type="text"/>	62-0011-22/30	SRM10	Hydraulic Hose	<input type="text"/>
				3036025801	DX77	Hydraulic Cylinder	<input type="text"/>
				DX77-hose-3	DX77	DX77 Hose, 3ft	<input type="text"/>
				DX77-75-178	DX77	Platform Hyd Hose	<input type="text"/>
				DX77-49	DX77	Hyd Fitting #6 JIC x BSPP	<input type="text"/>

EV Cassette Lifts

<u>Part Number</u>	<u>Model</u>	<u>Description</u>	<u>Qty</u>	<u>Part Number</u>	<u>Model</u>	<u>Description</u>	<u>Qty</u>
Power Unit Components				Hydraulics			
VF-9021	Excluding BMC	Manual Release Valve	<input type="text"/>	16138R	EV1020/ EV1220	Hydraulic Cylinder	<input type="text"/>
EF-1091	BMC	Solenoid Lowering Coil	<input type="text"/>	15075	EV1520	Hydraulic Cylinder	<input type="text"/>
2507-AA	All Models	Check Vavle	<input type="text"/>	17201	All Models	Hose & Fitting Kit	<input type="text"/>
2001917	Excluding BMC	Mircoswitch	<input type="text"/>	16167	All Models	#6 SAE x #6 JIC 90 Elbow	<input type="text"/>
3000860	Excluding BMC	Wiring Assembly	<input type="text"/>	Pneumatics			
3000866	BMC	Wiring Assembly	<input type="text"/>	40142	All Models	Air Cylinder	<input type="text"/>
K-40	All Models	Pump O-ring Kit	<input type="text"/>	37016	Excluding BMC	Mac Valve	<input type="text"/>
17151	CS/EV BMC	3 Button Control	<input type="text"/>	40239	All Models	Coiled Air Hose	<input type="text"/>
16127EV	CS9200/0920/1020	6 1/2" Dia Wiper	<input type="text"/>	16165	All Models	1/8NPTM x 1/4NPTF Elbow	<input type="text"/>
16128EV	CS9200/0920/1020	6 1/2" Dia Bearing	<input type="text"/>	17110	CS/EV BMC	Lock Release Air Valve	<input type="text"/>
16485EV	EV1020/1220/1520	8 1/2" Dia Wiper	<input type="text"/>				
16486EV	EV1020/1220/1520	8 1/2" Dia Bearing	<input type="text"/>				

AV Cassette Lifts

Fittings				Bearings & Wipers			
CAL015	All Models	6mm Union Tee	<input type="text"/>	TOP24007	All Models	Wiper	<input type="text"/>
CAL016	All Models	6mm Union Elbow	<input type="text"/>	TOP24006	All Models	Bearing	<input type="text"/>
CAL017	All Models	16mm Union Tee	<input type="text"/>				
CAL018	All Models	16mm Union Elbow	<input type="text"/>	Hoses			
CAL019	All Models	1/2" NPT Push Lock	<input type="text"/>	CAL012	All Models	16mm x 22' Tubing	<input type="text"/>
TOP20173-6	All Models	G1/8 Male x 6mm (Straight)	<input type="text"/>	CAL011	All Models	6mm x 22' Tubing (Black)	<input type="text"/>
TOP20173-7	All Models	G1/8 Male x 6mm (Elbow)	<input type="text"/>	CAL014	All Models	6mm x 10' Tubing (Blue)	<input type="text"/>
TOP24004-V7	All Models	Water Control Valve	<input type="text"/>				

4 Post Lifts

<u>Part Number</u>	<u>Model</u>	<u>Description</u>	<u>Qty</u>	<u>Part Number</u>	<u>Model</u>	<u>Description</u>	<u>Qty</u>
Power Unit Components				Hydraulics			
VF-9021	All Models	Manual Release Valve	<input type="text"/>	B44011	4P14	Hydraulic Cylinder	<input type="text"/>
2506-AA	All Models	Check Valve	<input type="text"/>	A1121	4P14	#6 O-Ring Union Adapter	<input type="text"/>
2001917	All Models	Mircoswitch	<input type="text"/>	16167	4P12/4015 Series	#6 SAE x #6JIC Elbow	<input type="text"/>
3000860	All Models	Wiring Assembly	<input type="text"/>	40349	4P14	#6 JIC Hose Assembly	<input type="text"/>
K-40	All Models	Pump O-ring Kit	<input type="text"/>	40611	4015 Series	Hydraulic Cylinder	<input type="text"/>
Cables				Sheaves			
JZQ7-09-01	4P14E	Right Front Cable	<input type="text"/>	B40055	4P14/4015 Series	Runway Sheave Pin	<input type="text"/>
JZQ7A-09-01	4P14X	Right Front Cable	<input type="text"/>	B40116	4P14/4015 Series	Crossbeam Sheave Pin	<input type="text"/>
JZQ7-09-02	4P14E	Left Front Cable	<input type="text"/>	B40650	4P14/4015 Series	Sheave	<input type="text"/>
JZQ7A-09-02	4P14X	Left Front Cable	<input type="text"/>	Pneumatics			
JZQ7-09-03	4P14E & X	Right Rear Cable	<input type="text"/>	40142	4P14/4015 Series	Air Cylinder	<input type="text"/>
JZQ7-09-04	4P14E & X	Left Rear Cable	<input type="text"/>	37016	4P14/4015 Series	Mac Valve	<input type="text"/>
40672-E1/X1-0	4015 Open Front	Right Front Cable	<input type="text"/>				
40672-E2/X2-0	4015 Open Front	Left Front Cable	<input type="text"/>				
40672-E1/X1-X	4015 Closed Front	Right Front Cable	<input type="text"/>				
40672-E2/X2-X	4015 Closed Front	Left Front Cable	<input type="text"/>				
40672-3	4015 Series	Right Rear Cable	<input type="text"/>				
40672-4	4015 Series	Left Rear Cable	<input type="text"/>				

NOTES:

