

CL Challenger Lifts

INSTALLATION & OPERATION MANUAL SUPPLEMENT

ITEM # 10700

BLACK OUT KIT-EMERGENCY PUMP KIT



PUMP KIT 10700 SHOWN ABOVE

FOR CHALLENGER MODEL:

2-POST: CL10,LE10,SA10,LE12,E15,15-18000

4-POST: 4015, 7K/9K 4-POST.

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Read entire manual before assembling, installing, operating, or servicing this equipment. Proper maintenance and inspection is necessary for safe operation. DO NOT operate a damaged lift.

Black Out Kit Installation, Operation, and Maintenance

GENERAL DESCRIPTION

* The Black Out kit is intended for use on for Challenger models: CL10, LE10, SA10, LE12, E15, 15-18000, 4015, and 4P07/4P09. The kit provides a method to temporary manually operate and lower the lift during the rare event of a facility power outage. The kit is intended for use by properly trained technicians and must be used as a temporary solution, and only as a one-time per lift / per outage event (Hand pump reservoir will need refilled). The hand pump Kit only works on specific Challenger lifts models that have been properly prepped with hose assembly kits.

RECEIVING

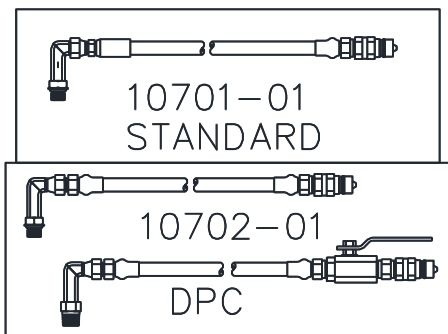
The shipment should be thoroughly inspected as soon as it is received.

NOTIFY **Challenger Lifts** AT ONCE if any hidden loss or damage is discovered after receipt.

PART #	DESCRIPTION
10700-01	Pump & Hose Assembly (included in Pump Kit 10700)
10701-01	24" Pressure Hose Assembly -Standard controls (included in Lift Prep Kit 10700)
10702-01	52" Return Hose Assembly; 56" Pressure Hose Assembly (Included in Lift Prep Kit 10702, CL10-DPC)
10700-02	Tote Bag (included in Pump Kit 10700)

Edition of Standards Referenced

Where any ANSI standard is referenced within this manual, the most recent edition approved by the American National Standards Institute, Inc. shall apply.



SAFETY NOTICES AND DECALS

For your safety, and the safety of others, read and understand all of the safety notices and decals included here.

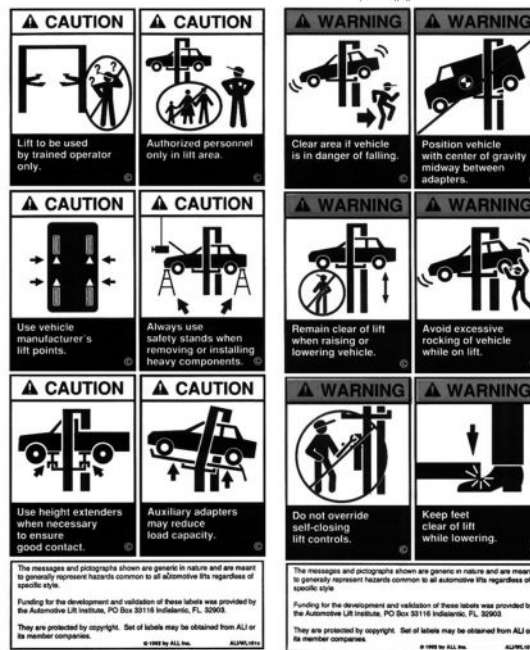
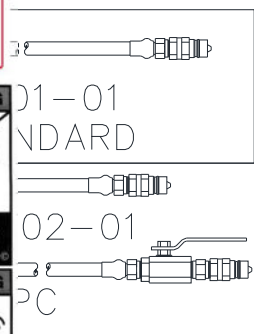
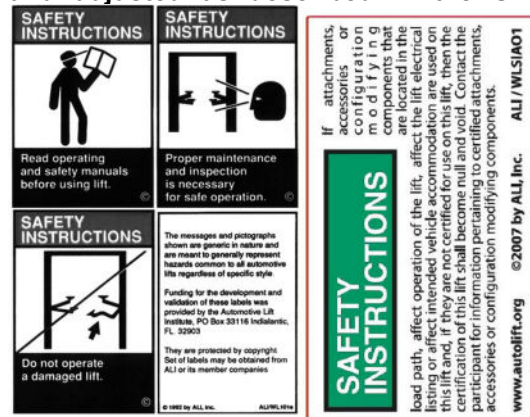
READ ENTIRE SUPPLEMENT AND THE LIFT MANUAL BEFORE ASSEMBLING, INSTALLING, OPERATING, OR SERVICING THIS EQUIPMENT.

PROPER MAINTENANCE AND INSPECTION IS NECESSARY FOR SAFE OPERATION.

DO NOT OPERATE A DAMAGED LIFT.

Safety decals similar to those shown here are found on a properly installed lift. Be sure that all safety decals have been correctly installed on the Power Unit reservoir. Verify that all authorized operators know the location of these decals and fully understand their meaning. Replace worn, faded, or damaged decals promptly.

WARNING Do not attempt to raise a vehicle on the lift until the lift has been correctly installed and adjusted as described in the OEM lift m



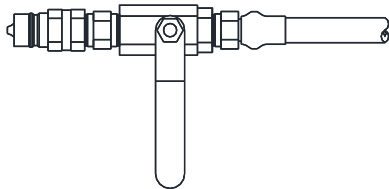
Black Out Kit
Installation, Operation, and Maintenance

Installation

Note: This Kit Does Not Alter The Lift's Hydraulic Arrangement Described In The Lift's IOM. No Hydraulic Hoses Are Removed Or Location Changed. Each lift has TWO PRESSURE PORTS. The Kit will use the unused port by removing the plug and attaching either the Standard or DPC Pressure Hose. For the Standard Lifts the Power Unit Relief Valve will Lower the Cylinder. For the DPC Lifts the Ball Valve that is part of the Kit will Lower the Cylinder.

NOTE: After using the Rescue kit to manually lower the lift, the lift may need to have the hydraulic system bled of trapped air. Refer to the instructions in the lift owner's manual for the proper procedure to bleed the system from air if necessary.

1. The CL Blackout Kit is designed for specific Challenger lift models.
2. Make sure the lift is unloaded and is completely lowered to the floor. Release all hydraulic pressure and lock out the lift completely from potential energy and all electrical power.
3. If using the kit for a CL lift with standard controls, skip to Step 5.
4. If using the kit for a CL lift with DPC controls, remove the Return Hose Plug and attach the return hose assembly (52" hose with 3/8" NPT elbow and shutoff ball valve) to the power unit return port. See Parts Break Down for Plug Location. Angle the hose slightly toward the column to allow the hose to hang just about the lock release cover. Make sure the manual ball valve is closed. Valve is closed when handle is positioned 90 degrees from valve as shown in picture below.



5. Using caution remove the Secondary Pressure Port Plug (9/16" S.A.E.) and be aware there may be some hydraulic fluid that will drain from the pump. Be ready with some rags or a small container. See Parts Break Down for Pressure Hose Port Location. Attach the supplied Pressure Hose Assembly to the Secondary pressure port (9/16" S.A.E.) on the power unit. Depending upon which prep kit is being installed, the Pressure Hose assembly will be either 56" long for the DPC model, or 24" long for the standard controls. Position the fitting/hose and angle the hose slightly toward the column to allow the hose to hang just above the lock release cover.
BE CERTAIN ALL FITTINGS AND CONNECTIONS ARE TIGHT. IT IS THE INSTALLERS RESPONSIBILITY TO INSURE SYSTEM IS LEAK-FREE

OPERATION PROCEDURE

SAFETY NOTICES AND DECALS

For your safety, and the safety of others, read and understand all of the safety notices and decals on the lift.

OWNER/EMPLOYER RESPONSIBILITIES

The owner/employer's responsibilities as prescribed by ANSI/ALI ALOIM, are summarized below. For exact wording refer to the actual standard provided with this manual in the literature pack.

The Owner/Employer shall ensure that lift operators are qualified and that they are trained in the safe use and operation of the lift using the manufacturer's operating instructions; ALI/SM, *ALI Lifting it Right safety manual*; ALI/ST, *ALI Safety Tips card*; ANSI/ALI ALOIM, *American National Standard for Automotive Lifts-Safety Requirements for Operation, Inspection and Maintenance*; ALI/WL Series, *ALI Uniform Warning Label Decals/Placards*; and in case of frame engaging lifts, ALI/LP-GUIDE, *Vehicle Lifting Points/Quick Reference Guide for Frame Engaging Lifts*.

The Owner/Employer shall establish procedures to periodically inspect the lift in accordance with the lift manufacturer's instructions or ANSI/ALI ALOIM, *American National Standard for Automotive Lifts-Safety Requirements for Operation, Inspection and Maintenance*; and the employer shall insure that the lift inspectors are qualified and that they are adequately trained in the inspection of the lift.

The Owner/Employer shall establish procedures to periodically maintain the lift in accordance with the lift manufacturer's instructions or ANSI/ALIOIM, *American National Standard for Automotive Lifts-Safety Requirements for Operation, Inspection and Maintenance*; and the employer shall ensure that the lift maintenance personnel are qualified and that they are adequately trained in the maintenance of the lift.

The Owner/Employer shall maintain the periodic inspection and maintenance records recommended by the manufacturer or ANSI/ALI ALOIM, *American National Standard for Automotive Lifts-Safety Requirements for Operation, Inspection and Maintenance*.

The Owner/Employer shall display the lift manufacturer's operating instructions; ALI/SM, *ALI Lifting it Right safety manual*; ALI/ST, *ALI Safety Tips card*; ANSI/ALI ALOIM, *American National Standard for Automotive Lifts-Safety Requirements for Operation, Inspection and Maintenance*; and in the case of frame engaging lift, ALI/LP-GUIDE, *Vehicle Lifting Points/Quick Reference Guide for Frame Engaging Lifts*; in a conspicuous location in the lift area convenient to the operator.

IMPORTANT SAFETY INSTRUCTIONS

When using your garage equipment, basic safety precautions should always be followed, including the following:

1. Read all instructions.
2. Care must be taken as burns can occur from touching hot parts.
3. To reduce the risk of fire, do not operate equipment in the vicinity of open containers of flammable liquids (gasoline).
4. Keep hair, loose clothing, fingers, and all parts of body away from moving parts.
5. Use only as described in this manual. Use only manufacturer's recommended attachments.
6. ALWAYS WEAR SAFETY GLASSES. Everyday eyeglasses only have impact resistant lenses; they are not safety glasses.

SAVE THESE INSTRUCTIONS

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EMERGENCY LOWERING A VEHICLE

- 1) Ensure that the area under the vehicle is clear of personnel, tools, and any foreign objects / debris.



WARNING Failure to clear the floor of foreign objects / debris could hinder proper engagement of the Ramp / Extension Latch resulting in unsatisfactory lift performance, property damage, or personal injury. Always lower lift into locks before entering the area beneath the vehicle.

- 2) Remove the manual hand pump and hydraulic hose from the tote bag. Make sure the ball valve on the lift is closed prior to connecting the hydraulic hose.
- 3) The hydraulic hose in this kit utilizes Quick-Disconnect style of fittings, no tools are needed to connect. Connect one end of the pump kit hydraulic hose to the hand pump and the other end to the previously installed hydraulic line (s) at the lift. Note: There are two lines for the DPC version and one line for standard controls.
- 4) Make sure the pump is on a secure/stable surface and the fittings are secure and connected.
- 5) On DPC lifts, Make sure the return line ball valve is closed.
- 6) Close the hand pump valve by rotating the round knob clockwise until seated.
- 7) Slowly pump the hand pump until the lift has raised enough to clear the lift lock release, about one inch of vertical travel should be enough. Raise the vehicle until both latches are free. Depending upon how much trapped air is in the system, the first use may require you to refill the hand pump reservoir due to air trapped in the prep kit hydraulic lines. (lift may take 25 pumps before the lift will raise enough to unlatch locks)
- 8) Check the lift lock release lever to see if you can unlock the lift. If the lock release lever doesn't move enough then you will need to continue to raise the lift until you can hear the locks release.
- 9) Be aware that the next steps will allow the lift to lower. The speed at which the lift lowers is controlled by the ball valve on the return line for DPC lifts or the power unit lowering valve on standard lifts.

Note: Lowering speed is limited and will be no faster than 4 inches per second.

- 10) Manually Disengage the locks by pulling and holding the lock release lever release on the lift.
- 11) While holding the lock release handle down, slowly open the return line ball valve on DPC lifts to lower the lift. Use the ball valve to control the lowering speed on the DPC lifts. For lifts with standard power unit the lowering function is controlled by the lowering handle on the lift power unit.

- 12) Continue to lower the vehicle until the lift carriage/arms are resting on the floor.
- 13) Close the return line ball valve or release the standard power unit lowering valve handle, and disconnect the hand pump from the lift.
- 14) Check the hand pump fluid level and add hydraulic fluid as required.
- 15) Store the hand pump and hydraulic hose in the Tote Bag.

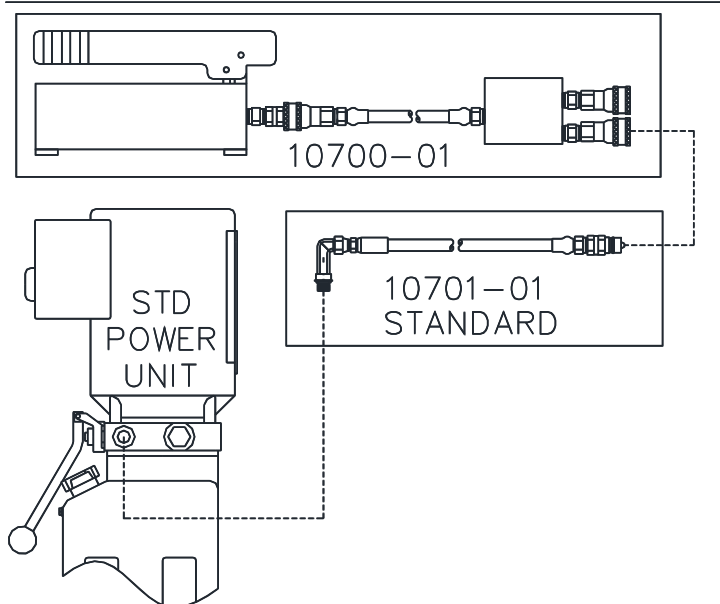
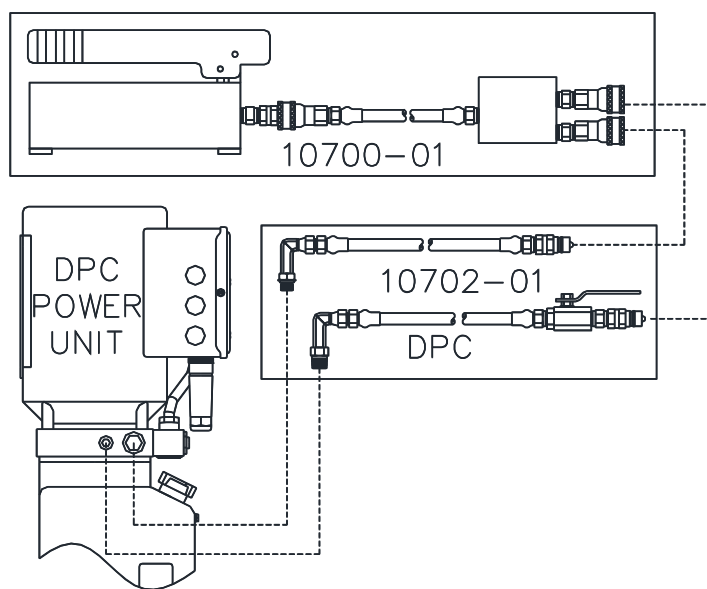
NOTE: After using the Rescue kit to manually lower the lift, the lift may need to have the hydraulic system bled of trapped air. Refer to the instructions in the lift owner's manual for the proper procedure to bleed the system from air if necessary.

If any problems are encountered, contact your local service representative.

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Parts Breakdown Black-Out Kit

Item	PART #	QTY/ LIFT	DESCRIPTION
1	10700-01	1	Pump & Hose Assembly(included in 10700 pump kit)
2	10700-02	1	Tote Bag (included in 10700 pump kit)
3	10701-01	1	24" Pressure Hose Assembly -Standard controls. (included in 10701 Lift Prep Kit- Standard)
4	10702-01	1	52" Return Hose Assembly; 56" Pressure Hose Assembly DPC controls (included in 10702 Lift Prep Kit-DPC)



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REVISIONS

2019/10/24 – UPDATED INSTRUCTION STEPS.

2024/04/01 – UPDATED ANSI/ALI REFERENCE MATERIAL, AND ADDED ANSI STANDARDS REFERENCE STATEMENT SECTION. PG. 2.