

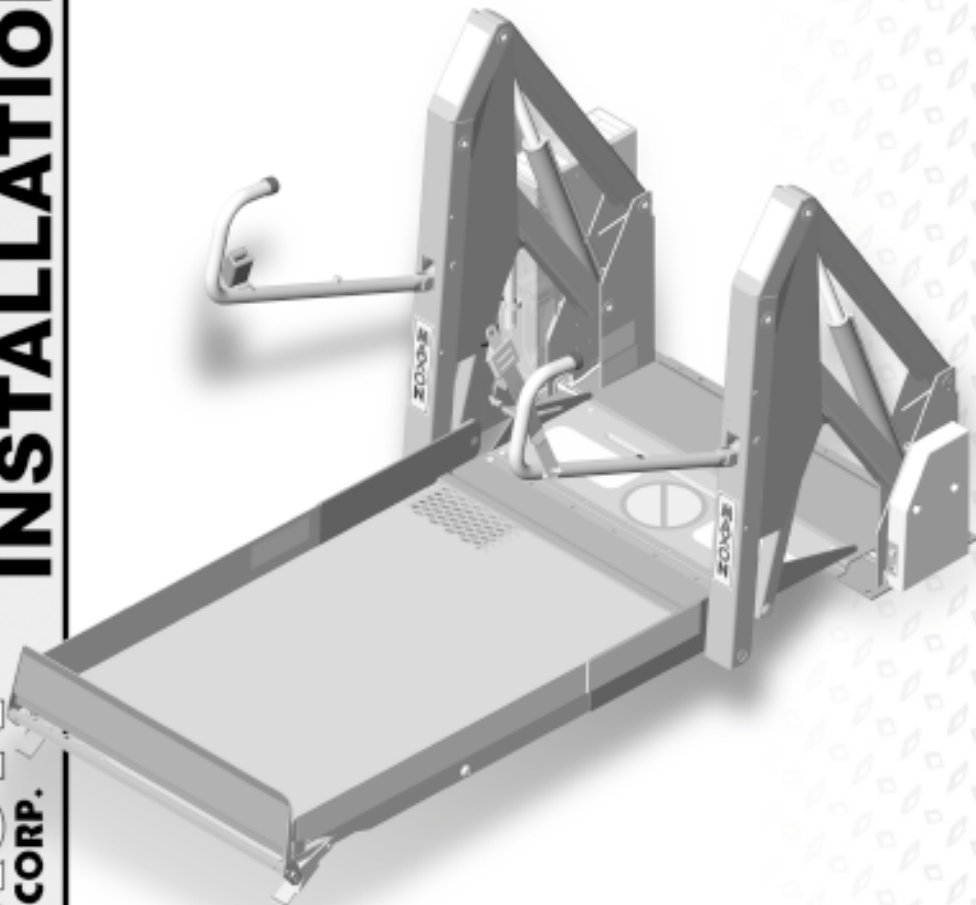
# **MAXON<sup>®</sup>** **MOBILITY<sup>™</sup>**

Installation Manual Contains:

Safety Summary  
Lift Terminology  
Lift Specifications  
Installation Instructions  
Adjustments  
Decals and Decal Placement

## **WHEELCHAIR LIFT INSTALLATION MANUAL**

**MAXON<sup>®</sup>**  
**LIFT CORP.**



**M-00-36  
REV. B  
JUNE 2003**

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# INTRODUCTION

This manual contains Instructions for installing the Maxon Mobility Wheelchair Lift in a transit vehicle. Please follow these instructions carefully and call us immediately if you need assistance with the installation. Do not take shortcuts, skip over installation steps, or modify the Lift. Correct installation is important to ensure the Lift operates correctly assurance of a correct Lift installation. If you have questions that are not covered in this manual, please contact:

**MAXON LIFT CORP. Customer Service**  
**11921 Slauson Ave., Santa Fe Springs, CA 90670**  
**Phone: (800) 227-4116**

When the Lift is received, the **MAXON** dealer should unpack the lift and check for freight damage. Claims for any damage should be made to the carrier immediately. Also, make sure installation kit contains all items on the Packing List (shipped with kit). Please report any missing items immediately to our Customer Service Department. Also, the **Warranty Registration Card**, shipped with the Lift, must be completed and returned to Maxon Lift Corp. within twenty (20) days after installation and/or receipt of the Lift.

## SAFETY SUMMARY

**Comply with the following WARNINGS and safety precautions while maintaining the Wheelchair Lift. See Operator's Manual M-00-37 for operating safety requirements.**

### **WARNING**

1. Read and understand the instructions in this **Installation Manual** before installing Lift.
2. Before operating the Lift, read and understand the operating instructions contained in and the **Operator's Manual M-00-37**.
3. Comply with all **WARNING** and instruction decals attached to the Lift.
4. Keep decals clean and legible. If decals are defaced or missing, replace them. **Free replacement decals** are available from **Maxon Customer Service**.
5. Consider the safety and location of bystanders and location of nearby objects when operating the Lift. Stand to one side of platform while operating the Lift.
6. Do not allow untrained persons to operate the Lift.

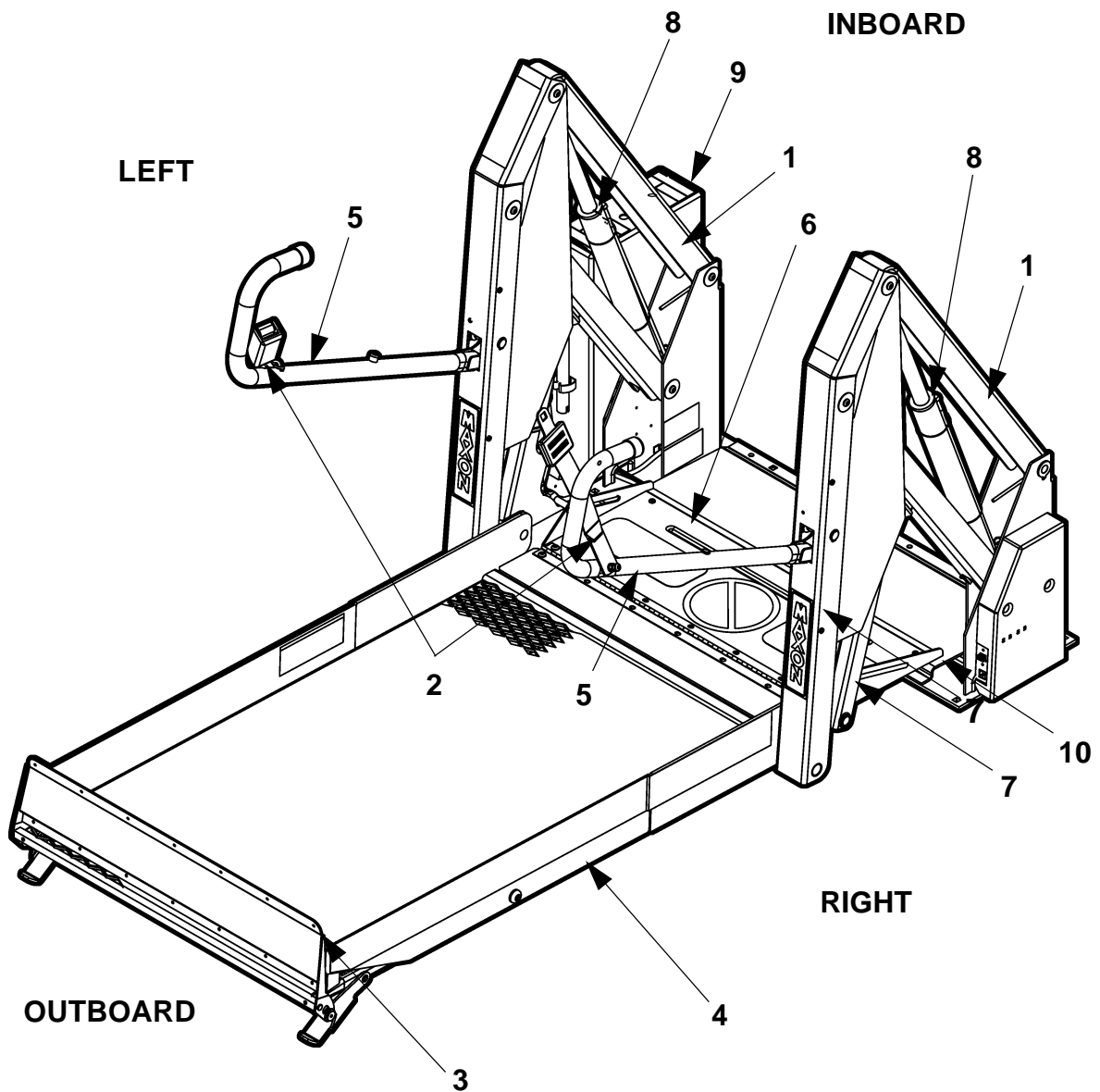
7. Do not stand under, or allow obstructions under the Platform when lowering the Lift.  
**Be sure your feet are clear of the Lift.**
8. **Keep fingers, hands, arms, legs, and feet clear of moving Lift parts (and platform edges) when operating this unit.**
9. **Make sure vehicle battery power is disconnected** while installing Lift. Connect vehicle battery power to the Lift only when installation is completed.
10. Wear appropriate safety equipment, such as protective eyeglasses, faceshield and clothing when installing the Lift and handling the vehicle battery. Debris from cutting and drilling, and contact with battery acid, may injure eyes and exposed skin.
11. Be careful working by a vehicle battery. Make sure the work area is well ventilated and there are no flames or sparks near the battery. Never lay objects on the battery that can short the terminals together. If battery acid gets in your eyes, immediately seek first aid. If acid gets on your skin, immediately wash it off with soap and water.
12. If an emergency situation arises (vehicle or Lift) while operating the Lift, release the hand control switch and the Lift will stop.
13. A correctly installed Lift operates smoothly and reasonably quiet. The only noticeable noise, during Lift operation, is from the Pump Unit while the Platform is raised and folded. Listen for scraping, grating and binding noises and correct the problem before continuing to operate the Lift.

# LIFT TERMINOLOGY

Lift references used throughout this manual are defined below and illustrated on opposite page.

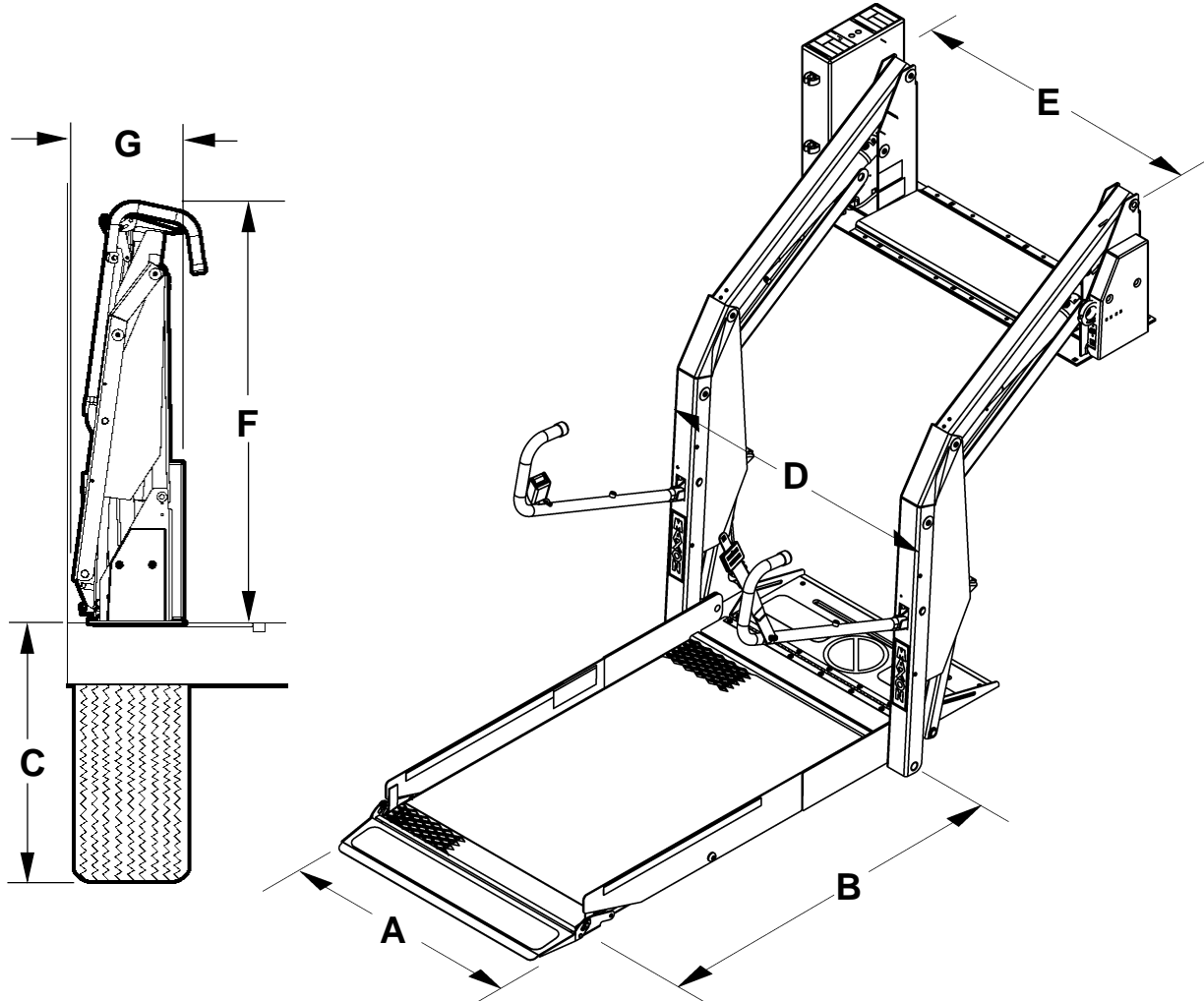
ITEM	NAME	DESCRIPTION
1	TRAVELING ARM ASSY.	(Left/Right) Upper and Lower Links connecting each Vertical Arm on Platform Assembly to Base Assembly.
2	OCCUPANT RESTRAINT	Occupant Restraint is a belt that acts as a barrier to keep the Wheelchair from rolling off the Platform. Belt must be engaged to start operation.
3	OUTBOARD ROLLSTOP ASSY.	Barrier to prevent the Wheelchair from rolling off of the Platform. Also provides entry/exit ramp for platform.
4	PLATFORM ASSEMBLY	Holds the Wheelchair and Occupant during "UP/DOWN" operation between vehicle floor and the ground.
5	HANDRAIL (LH/RH)	Provides a hand hold for the Lift occupant.
6	INBOARD ROLLSTOP ASSY.	Barrier to prevent the Wheelchair from rolling off inboard side of platform. Also, provides bridge between Lift Platform and Vehicle Door Threshold.
7	KNUCKLE ASSEMBLY	(Left/Right) Linkage which folds the Platform.
8	HYDRAULIC CYLINDER	(Left/Right) Telescoping Steel Tube that folds and unfolds the lift, and moves the lift up and down.
9	HYDRAULIC POWER UNIT	Contains hydraulic pump, fluid lines and controls to operate the hydraulic cylinders.
10	BASE ASSEMBLY	Assembly that mounts Lift on the vehicle floor.

# LIFT TERMINOLOGY



# SPECIFICATIONS

POWER ..... ELECTRO-HYDRAULIC POWER UNIT  
 PUMP RATING ..... 12 VOLTS DC 65 AMP. AVG./CYCLE, 1250 PSI  
 24 VOLTS DC 33 AMP. AVG./CYCLE, 1250 PSI  
 HYDRAULIC CYLINDERS ..... 2, 1.5", POWER-UP/GRAVITY-DOWN  
 RATED LOAD CAPACITY ..... 800LBS  
 MANUAL BACKUP ..... HAND PUMP/RELIEF VALVE  
 WEIGHT ..... APPROX. 350 LBS.



	A	B	C	D	E	F	G
MODELS	USABLE PLATFORM WIDTH	USABLE PLATFORM LENGTH	FLOOR-TO GROUND TRAVEL	TRAVELING FRAME WIDTH	OVERALL WIDTH	HEIGHT (FOLDED)	INSTALLATION DEPTH (FOLDED)
WL-6A-A0LLS	30	53	42	38	45	55	14
WL-6A-A1LLS	33	53	42	41	48	55	14
WL-6A-A0HLS	30	53	48	38	45	57	14
WL-6A-A1HLS	33	53	48	41	48	57	14



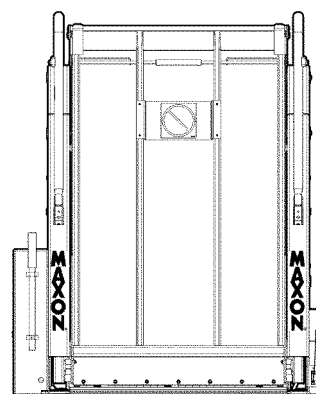
# GENERAL INSTALLATION GUIDELINES

Considering there are several possible installations for the Wheelchair Lift, it is impractical to cover all of the specific installation details in this manual. The following general procedures apply to most installations. If you need more information, please contact:

**MAXON LIFT CORP. Customer Service**  
**11921 Slauson Ave., Santa Fe Springs, CA 90670**  
**Phone: (800) 227-4116**

## PREPARING AND POSITIONING THE LIFT (VAN AND BUS):

1. Use hand pump to pressurize hydraulic system before cutting shipping straps.
2. Open vehicle door in which Lift will be mounted and secure the door wide open.
3. Measure door height where Lift will be mounted. Refer to folded height dimension F in the Lift specifications. Continue with Lift installation if door height is greater than the folded Lift height.
4. Using a forklift or equivalent lifting device, raise Lift to the vehicle doorway. Place Lift inside vehicle doorway. Align outboard edge of Lift base assembly parallel with outboard edge of vehicle doorway. The decal on the underside of the Lift platform must face outboard (**FIG. 1**).
5. Position Lift leaving at least 3/4" clearance between outboard side of folded Lift and inside surface of vehicle door.
6. After removing lifting device, close vehicle door to make sure it closes correctly. Enter the vehicle and check if the door is closed correctly and if there is still 3/4" clearance. If door will not close correctly, reposition the Lift enough to maintain the 3/4" clearance.
7. Secure vehicle door wide open.
8. Check for possible interference between the Lift base assembly mounting bolts and vehicle underbody parts such as subframe members, wiring harnesses, cables, and fluid lines. If necessary, move Lift right or left to prevent mounting bolts from interfering with vehicle subframe and underbody parts.



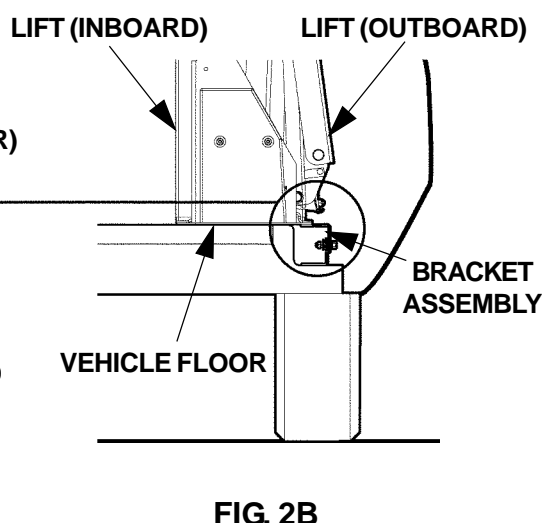
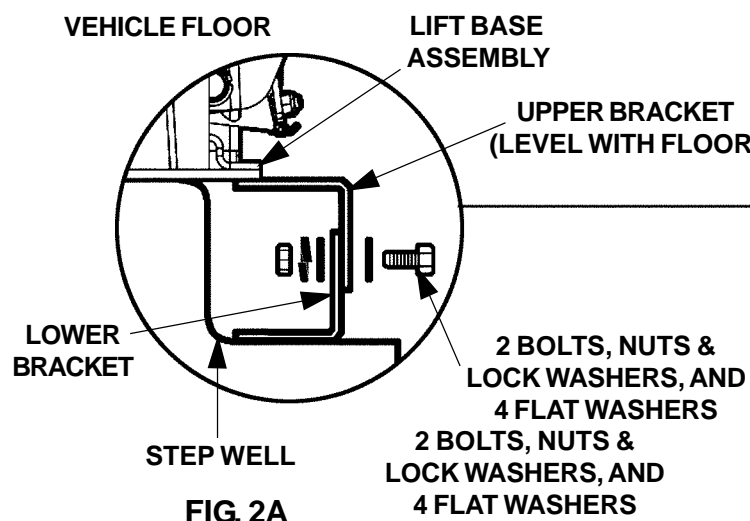
**FIG. 1**

# VAN INSTALLATION

(FOR BUS SEE FOLLOWING SECTION)

## MOUNTING THE LIFT:

- A. Assemble two (2) sets of Upper and Lower Brackets (**FIG. 2A**) supplied with Lift installation kit. Use four (4) each 3/8" x 1" Carriage Bolts, 3/8" Flat Washers, 3/8" Lock Washers, and 3/8" Hex Nuts, supplied with kit as shown.

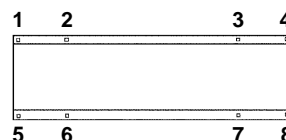


- B. Place both sets of Upper and Lower Brackets in the stepwell under the Lift base assembly (**FIG. 2B**). Adjust the height of each set of Brackets so Upper Bracket is level with vehicle floor as shown in **FIG. 2A**. Hand-tighten two nuts and two bolts on each set of Brackets.

### C. Mark and Drill Holes:

**NOTE:** Before marking and drilling holes in the vehicle floor, make sure that the Lift does not interfere with closing vehicle door(s) and passenger seats and no wires and fluid lines are too close to hole locations..

1. Use base assembly to mark and drill four (4) 25/64" mounting holes (**FIG. 3**), holes 1, 2, 3, & 4) through the vehicle floor. (For installations on Dodge and GM Vans, drill mounting holes through vehicle floor and vehicle frame.)
2. Use four (4) 3/8" x 2" carriage bolts (3/8" x 8" bolts on Dodge & GM Vans) to hold mounting base in position on vehicle floor.

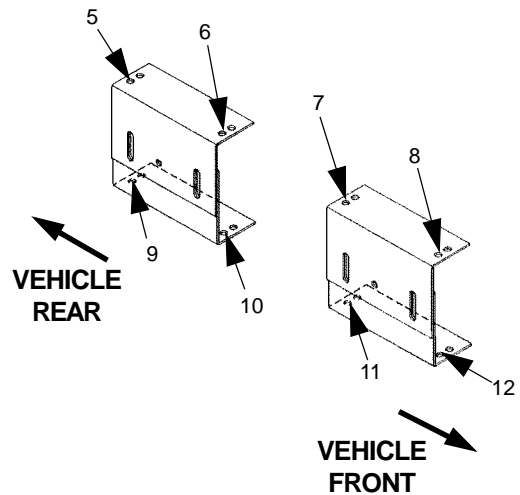


**LIFT BASE ASSEMBLY**  
**FIG. 3**

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3. Match and align Upper Bracket holes 5, 6, 7, & 8 (**FIG. 4**), with mounting base holes 5, 6, 7, and 8 (**FIG. 3**). Mark location of Lower Bracket mounting holes 9, 10, 11, and 12 on vehicle step (**FIG. 4**).



**LIFT MOUNTING BRACKETS  
FIG. 4**

4. Remove 4 carriage bolts from mounting base, and carefully push Lift back into vehicle interior.

5. Drill a 1/4" hole through each marked hole location 9, 10, 11, 12 (**FIG. 4**).

#### **D. Bolt Lift to Vehicle:**

1. Bolt two (2) sets of Upper and Lower Brackets to the vehicle step, using four (4) 5/16" x 1-1/2" sheet metal screws (**FIG. 4, holes 9, 10, 11, 12**).
2. Position Lift so **holes 1, 2, 3 & 4** in the Lift base assembly (**FIG. 3**) are aligned with the correct holes, drilled in vehicle floor. Also, make sure **holes 5, 6, 7 & 8** in the Lift base assembly are aligned with correct Upper Bracket **holes 5, 6, 7 & 8** (**FIG. 4**).
3. Re-insert the four (4) 3/8" x 9" carriage bolts (3/8" x 8" for Dodge and GM Van installation kits) in **holes 1, 2, 3 & 4** to hold the Lift base assembly (**FIG. 3**) in position.
4. Insert four (4) 3/8" x 2" carriage bolts (3/8" x 8" for Dodge and GM Van installation kits) through **holes 5, 6, 7 & 8** in the Lift base assembly (**FIG. 3**), and **holes 5, 6, 7, 8** in Upper Brackets (**FIG. 4**). Attach Lift base assembly to Upper Brackets using the (4) bolts, flat washers, lock washers, and hex nuts. Hand-tighten hex nuts until instructed to tighten.

## VAN INSTALLATION - Continued

### MOUNTING THE LIFT - Continued:

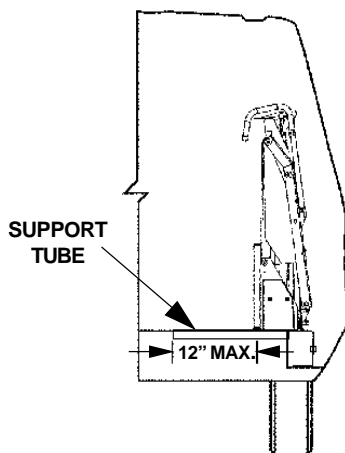
**NOTE:** If Dodge and GM Van installation kits are required, use the 4" x 4" reinforcing plates in the kit with the carriage bolts to reinforce the vehicle floor (**holes 1, 2, 3 & 4, FIG. 6**). If a Ford Van installation kit is required, use the support tubes (**FIGS. 5A & 5B**) in the kit to reinforce the vehicle floor (bolts in **holes 1, 2, 3 & 4, FIG. 6**).

If required, support tubes can be shortened to fit between vehicle frame members (Ford Van installation kits).

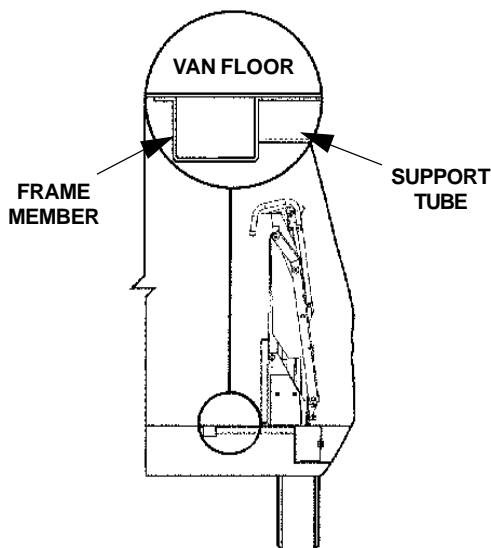
If required, support tubes can be shortened to fit between vehicle frame members (Ford Van installation kits).

If possible, use vehicle frame members to help support the Liftsupport tubes (**FIG. 5B**). However, do not install a support tube longer than 12", that cannot be supported by vehicle frame members (**FIG. 5A**).

5. Place a reinforcing plate (Dodge & GM) or support tube (Ford) at each bolt location (under vehicle floor) before installing a flat washer, lock washer, and hex nut on each bolt (**holes 1, 2, 3 & 4, FIG. 6**).

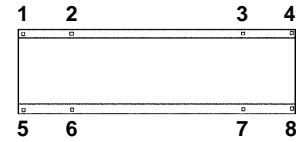


**TYPICAL FORD VAN INSTALLATION:  
SUPPORT TUBE WITHOUT  
FRAME SUPPORT  
FIG. 5A**



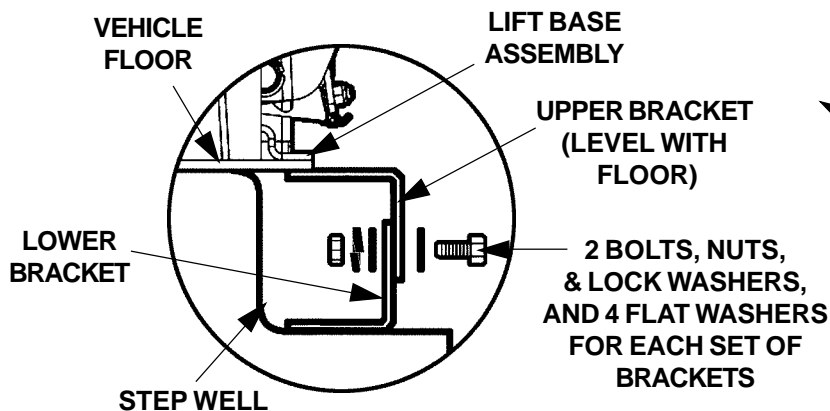
**TYPICAL FORD VAN INSTALLATION:  
SUPPORT TUBE WITH  
FRAME SUPPORT  
FIG. 5B**

6. Install a flat washer, lockwasher, and hex nut on each of the (4) carriage bolts and hand-tighten each hex nut. Re-insert four (4) 3/8" x 9" carriage bolts (3/8" x 8" for Dodge and GM Van installation kits) in **holes 1, 2, 3 & 4** to hold the Lift base assembly (**FIG. 6**) in position.

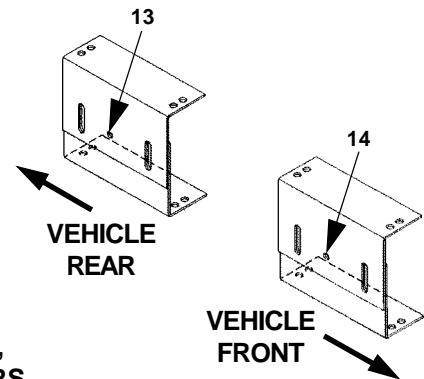


**LIFT BASE ASSEMBLY  
FIG. 6**

7. Check if Lift is sitting level on the vehicle floor. If Lift is not level, loosen the (4) hex nuts (**FIG. 7A**) on the two sets of Brackets (**FIG. 7B**). Adjust each set of Brackets up or down to level the Lift. When the Lift is sitting level, tighten The (4) hex nuts.



**FIG. 7A**



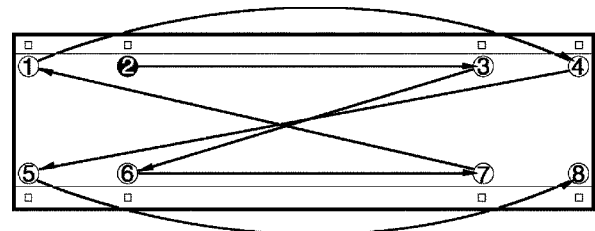
**LIFT MOUNTING BRACKETS  
FIG. 7B**

#### E. Tighten Lift Base Assembly Bolts:

### CAUTION

To prevent Lift base assembly from becoming warped, tighten attaching bolts in the correct sequence indicated in the following **NOTE**. Warped base assembly can result in misaligned Lift traveling arms and cause Lift to operate incorrectly (uneven movement).

1. Tighten each of the eight (8) base assembly carriage bolts and hex nuts in the correct sequence shown in **FIG. 8**, starting with number 2.

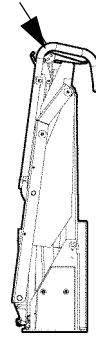


**BASE ASSEMBLY BOLT  
TIGHTENING SEQUENCE  
FIG. 8**

# VAN INSTALLATION - Continued

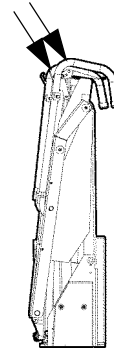
## MOUNTING THE LIFT - Continued:

2. Check Lift for correct alignment as shown in **FIG. 9A**. If Lift shows misalignment (**FIG. 9B**), loosen the (8) carriage bolts. Tighten the base assembly bolts according to the previous **Step 1** and **NOTE**.



CORRECT  
ALIGNMENT

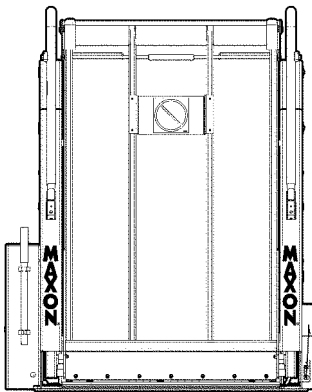
**FIG. 9A**



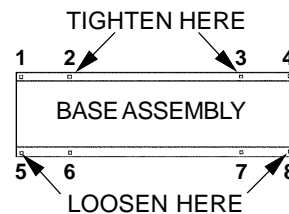
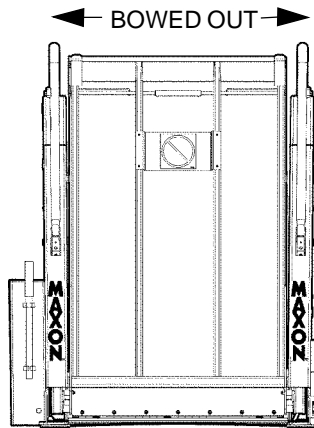
MISALIGNMENT  
FROM WARPED  
MOUNTING BASE

**FIG. 9B**

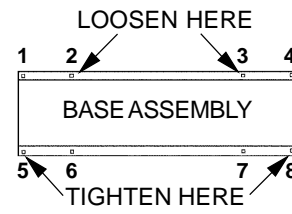
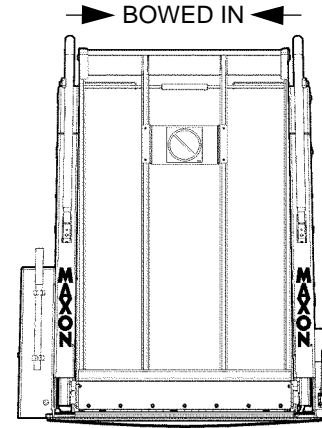
3. Check folded Lift for correct clearance (**FIG. 10A**) between each traveling arm and platform. If there is too much (**FIG. 10B**) or too little clearance (**FIG. 10C**), loosen and tighten bolts shown in applicable figure.



CORRECT CLEARANCE  
**FIG. 10A**



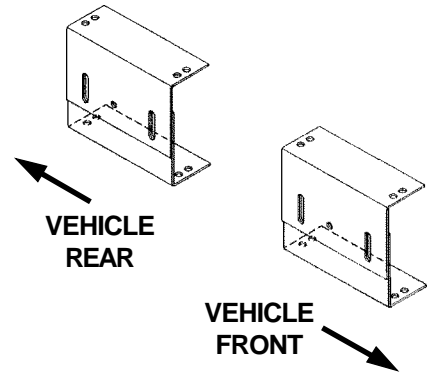
TOO MUCH CLEARANCE  
**FIG. 10B**



TOO LITTLE CLEARANCE  
**FIG. 10C**

**F. Set Bracket Height:**

Drill an 11/32" hole (**holes 13 and 14, FIG. 11**) through the front of each set of Brackets (hole must penetrate Upper and Lower Bracket). Install a 5/16" bolt, flat washer, lock washer and hex nut in each set of brackets (**holes 13 and 14, FIG. 11**) to set the bracket height.

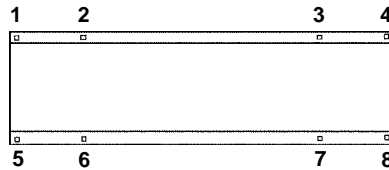


**LIFT MOUNTING BRACKETS  
FIG. 11**

# BUS INSTALLATION

## MOUNTING THE LIFT:

- A. Refer to the **GENERAL INSTALLATION GUIDELINES** section for information about how to prepare and position the Lift on the bus.
- B. Use base assembly (**FIG. 12, holes 1-8**) to mark and drill eight (8) 25/64" mounting holes through the vehicle floor. Before drilling holes into the vehicle floor, make sure no wires and fluid lines are too close to hole locations.



**LIFT BASE ASSEMBLY  
FIG. 12**

### C. Attach Lift to Vehicle:

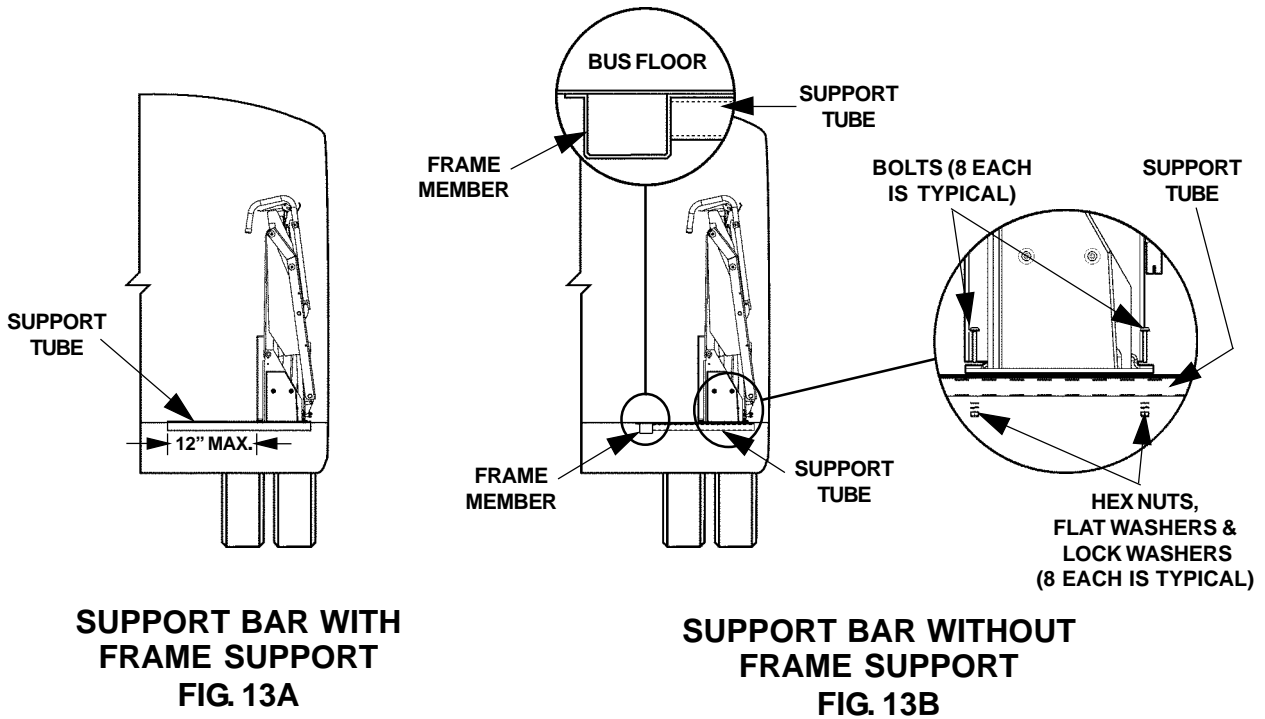
1. Position Lift so **holes 1-8** in the Lift base assembly (**FIG. 12**) are aligned with the correct holes, drilled in vehicle floor.
2. Insert eight (8) 3/8" x 4" carriage bolts through the base assembly (**FIG. 12, holes 1-8**), vehicle floor, and support to hold the Lift base assembly in position.

**NOTE:** If possible, use vehicle subframe members to help support the Lift support bars (**FIGURE 13B**). However, do not install a support bar that has more than 12" of length unsupported by subframe members (**FIG. 13A**).

Support bars can be shortened to fit between vehicle subframe members. Since support bars have holes for bolting to Lift base assembly, do not shorten the bolt hole end of the bar.

3. Attach Lift base assembly to vehicle floor (**holes 1-8, FIG. 12**) using (8) bolts, support bars (**FIG. 13B**), flat washers, lock washers, and hex nuts. Hand-tighten hex nuts until instructed to tighten.



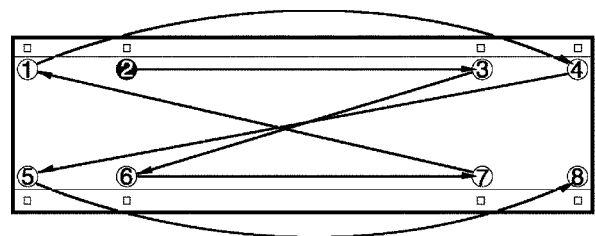


### ⚠ CAUTION

To prevent Lift base assembly from becoming warped, tighten attaching bolts in the correct sequence indicated in the following NOTE. Warped base assembly can result in misaligned Lift traveling arms and cause Lift to operate incorrectly (uneven movement).

#### D. Tighten Lift Base Assembly Bolts:

1. Tighten each of the eight (8) base assembly carriage bolts and hex nuts in the correct sequence shown in **FIG. 14**, starting with number 2.

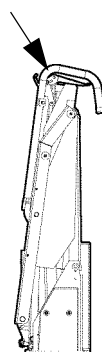


**BASE ASSEMBLY BOLT  
TIGHTENING SEQUENCE  
FIG. 14**

# BUS INSTALLATION - Continued

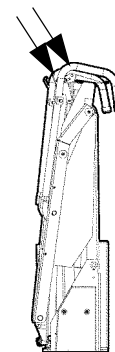
## MOUNTING THE LIFT - Continued:

2. Check Lift for correct alignment as shown in **FIG. 15A**. If Lift shows misalignment (**FIG. 15B**), loosen the (8) carriage bolts. Tighten the base assembly bolts according to the previous **Step 1** and **NOTE**.
3. Check folded Lift for correct clearance (**FIG. 16A**) between each traveling arm and platform. If there is too much (**FIG. 16B**) or too little clearance (**FIG. 16C**), loosen and tighten bolts shown in applicable figure.



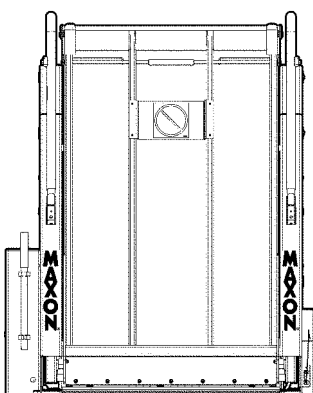
**CORRECT  
ALIGNMENT**

**FIG. 15A**

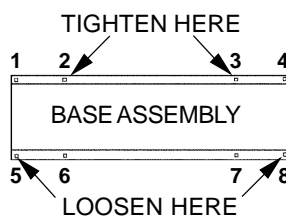
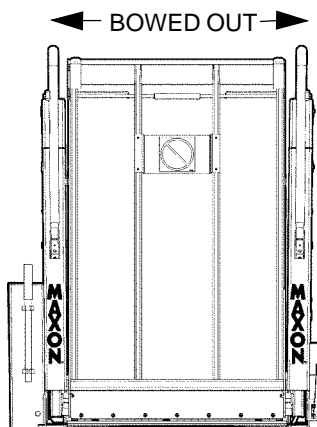


**MISALIGNMENT  
FROM WARPED  
MOUNTING BASE**

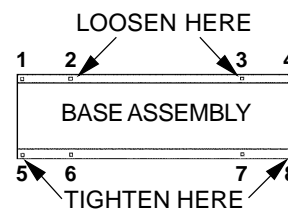
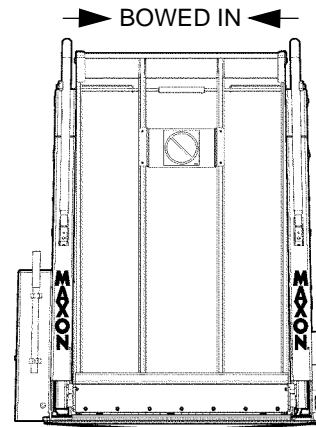
**FIG. 15B**



**CORRECT CLEARANCE  
FIG. 16A**



**TOO MUCH CLEARANCE  
FIG. 16B**



**TOO LITTLE CLEARANCE  
FIG. 16C**

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# ROUTE/CONNECT MAIN POWER CABLE

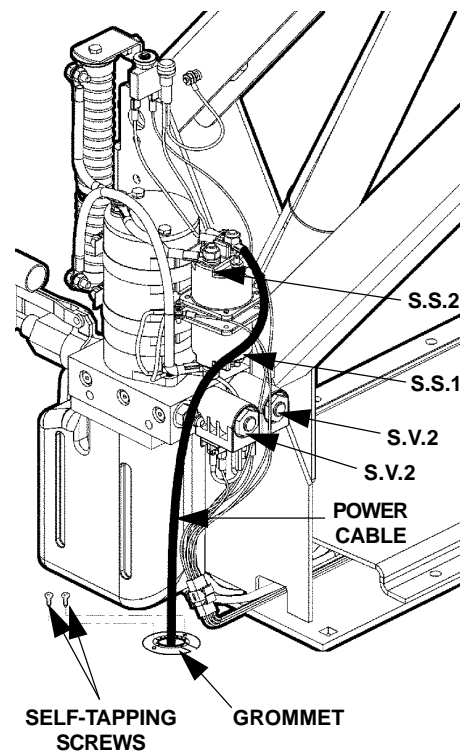
## ⚠ CAUTION

Never route an energized wire. Make sure the battery is disconnected. Always route electrical wire clear of any moving parts, brake lines, sharp edges, and exhaust systems. Attach securely. If drilling is necessary, be sure to check underside of vehicle before drilling so you do not damage any fuel lines, vent lines, brake lines or wires. When routing electrical wire through a hole in vehicle floor, use supplied grommet to protect wires from chaffing.

- A. Locate and drill a 1" hole for the power cable through the vehicle floor next to the pump cover. Drill the hole in a location that will be hidden by the pump cover and allow the power cable to reach the terminal stud on solenoid S.S.2 (see **FIGURE 17**). If the power cable must pass through a sheet metal or plywood floor, install the plastic grommet provided (**FIG. 17**). Attach grommet to vehicle floor with two self-tapping screws.

**NOTE:** An 8 amp circuit breaker is provided for the Lift as a control circuit protection device. Whatever circuit interface is supplied by the installer, it must be capable of carrying 8 amps of continuous current.

- B. Position the 90 amp main circuit breaker so the short cable for the battery see **FIG. 18**) has slack when connected to battery. Do not mount the main circuit breaker until instructed in the following section.
- C. Connect the end of the long power cable (with the terminal lug) to main 90 amp circuit breaker, then route the power cable underneath the vehicle floor to solenoid S.S. 2 on Lift (see **FIG. 17**).
- D. Secure power cable every 8"-10". Bind the power cable to the pump assembly harness or the pump motor using cable ties. Avoid pinch points, exhaust system, moving parts, brake lines, sharp edges and corners and anything else that may damage cable.
- E. Cut any excess wire from long cable, install the remaining terminal lug and shrink tubing to the unterminated end of long cable. Connect the cable terminal to the solenoid terminal stud as shown in **FIG. 19**.
- F. Connect the hand control cable to the Lift as shown in **FIG. 20** and secure the control cable to the lift frame with the supplied cable clamp.
- G. Connect the short (12") cable from the main circuit breaker terminal, closest to the battery, to the battery's positive terminal as shown in **FIG. 18**.



**FIG. 17**

# INSTALL MAIN CIRCUIT BREAKER

- A. Disconnect battery.

**NOTE:** Apply dielectric grease on all electrical connections after all electrical cables are connected.

- B. Mount the main circuit breaker inside the engine compartment and connect the supplied 12" battery cable as shown in **FIG. 18**.

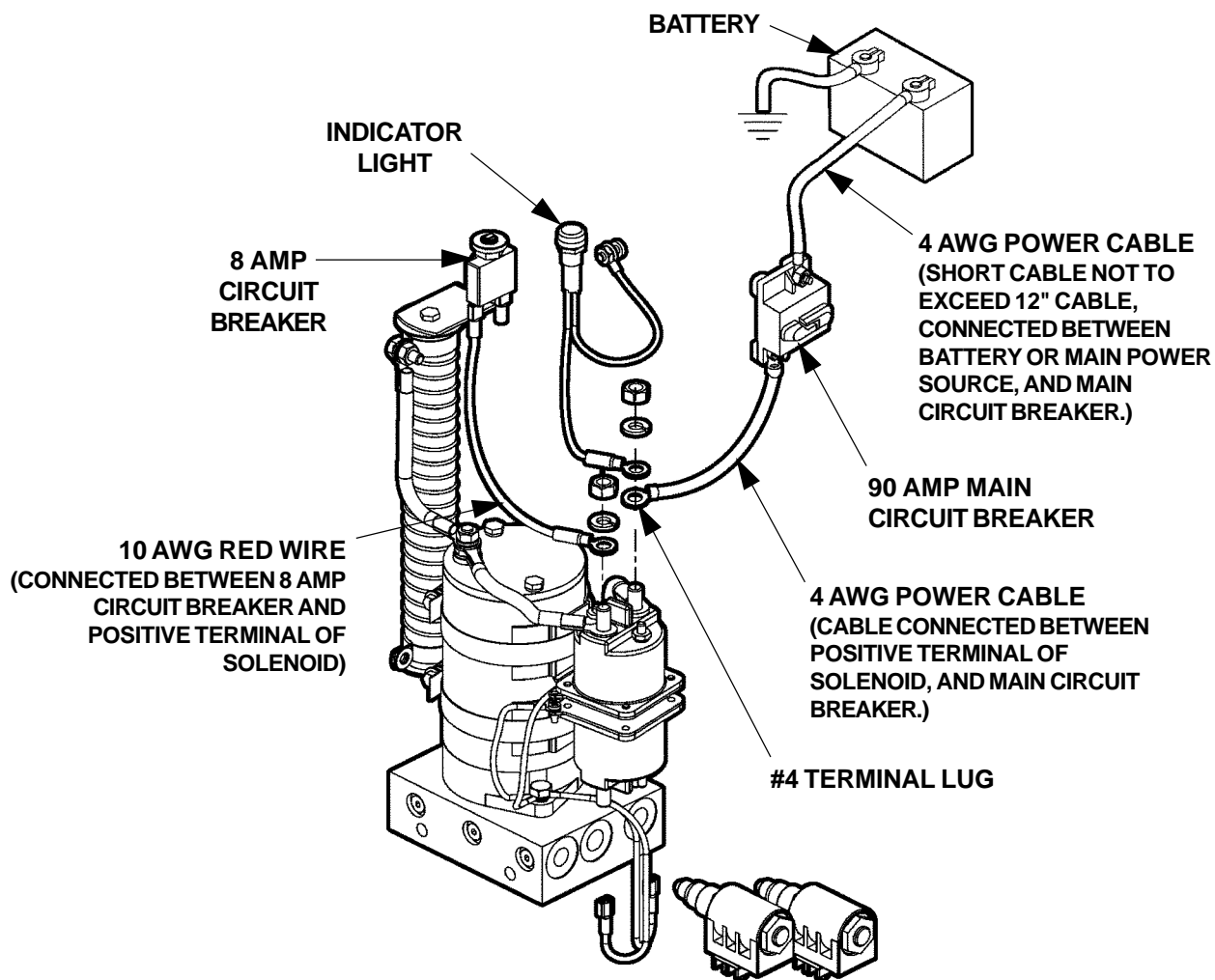


FIG. 18

**MAXON**

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

## INSTALL MAIN CIRCUIT BREAKER - Continued

### ⚠ CAUTION

To prevent vehicle access door from pinching and damaging the Hand Control cable, secure cable away from the door frame. Also, be sure that the hand control cable does not interfere with or bind against moving parts.

**NOTE:** To prevent interference with Lift Pump Assembly, mount Hand Control hanger clip so hand Control is stowed on an opposite side of the Lift from the Pump Assembly.

- C. Install Hand Control hanger clip in an accessible location inside the vehicle, as shown in **FIG. 21**. Use clamps to secure Hand Control cable to the vehicle.

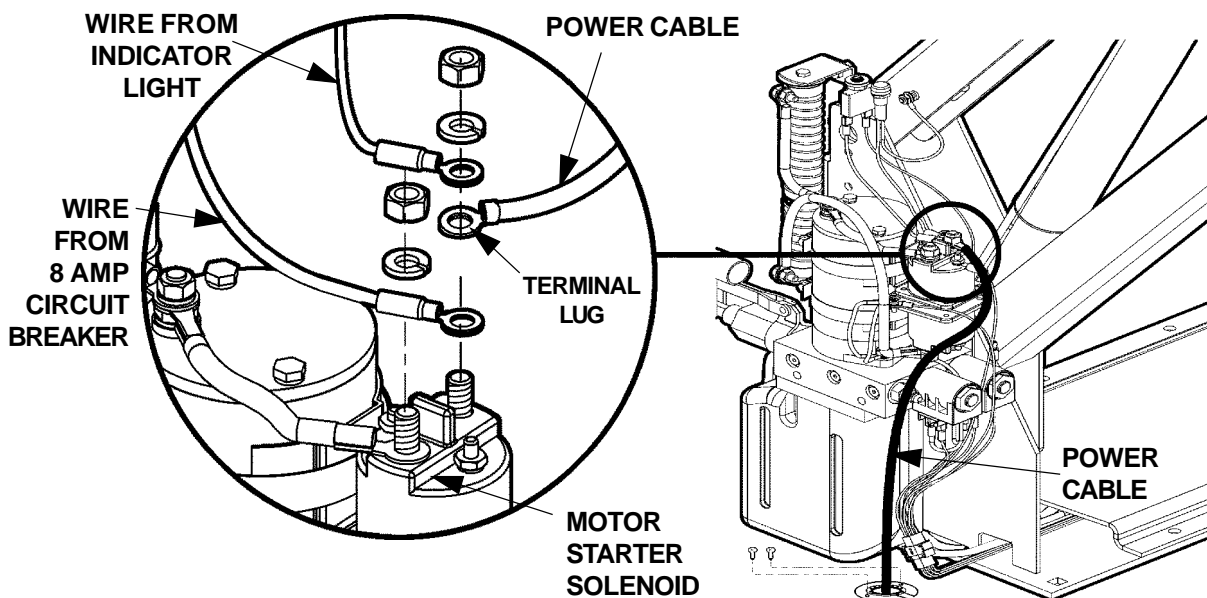


FIG. 19

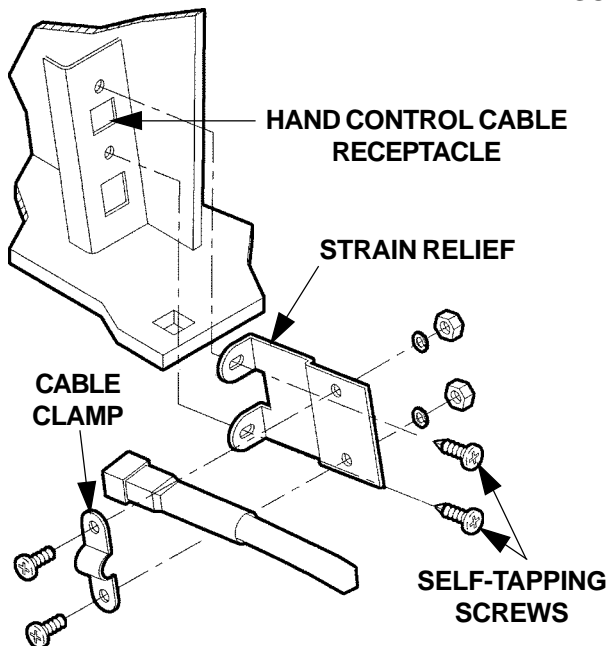
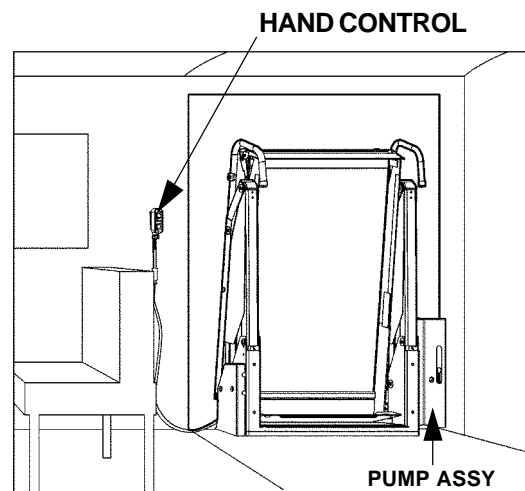


FIG. 20



TYPICAL LOCATION (INSIDE VEHICLE)  
FOR STOWING HAND CONTROL.

FIG. 21

# ADJUSTMENTS

# LIMIT SWITCH ADJUSTMENT

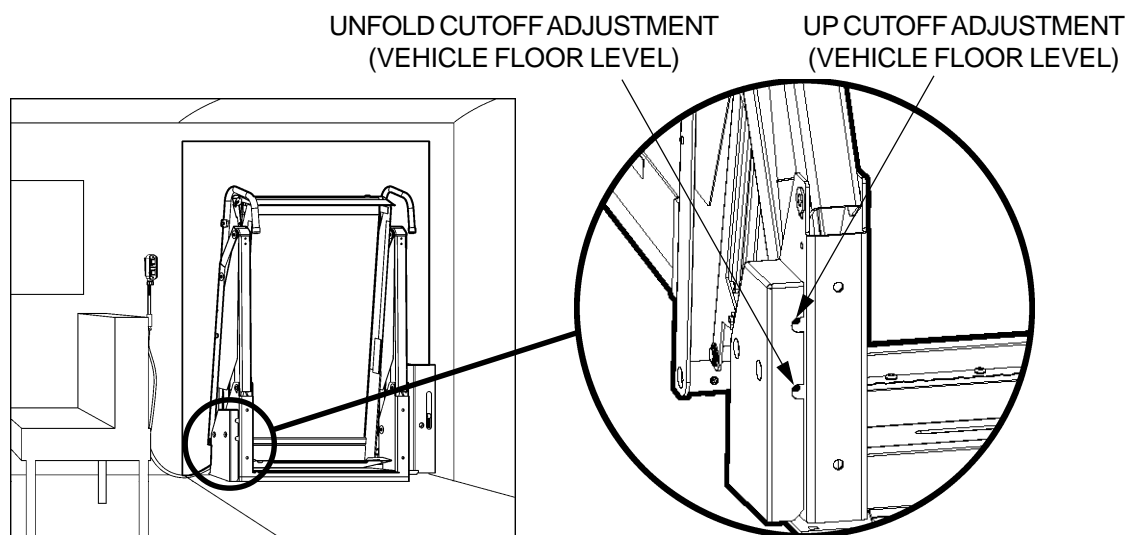
See the Limit Switch Adjustment Diagram (**FIG. 1**) for correct limit switch adjustment. Follow the steps in the chart below to correctly adjust Lift functions - **UNFOLD**, **UP** (raising) and **FOLD**.

Need Technical Support?

- Call or fax **Customer Service** (see Safety Summary page for phone numbers).
- Send Email to **technicalsupport@maxonlift.com**.

**NOTE:** When loosening the cutoff adjustment screw on the **UP** cutoff switch or **UNFOLD** cutoff switch, apply enough pressure to the screw so the block and screw will move properly (not just the screw).

COMPONENT	ADJUSTMENT PROCEDURE	CHECK	ACTION
<b>UNFOLD CUTOFF SWITCH &amp; DOWN ARMING SWITCH</b> (VEHICLE FLOOR LEVEL)	Adjust lower limit switch so that Lift stops just below the <b>UP</b> cutoff. This gives the necessary overlap to avoid dead spots.	1. Lift stops low.  2. Lift stops high.	1. Turn screw counter-clockwise to raise.  2. Turn screw clockwise to lower.
<b>UP CUTOFF SWITCH &amp; FOLD ARMING SWITCH</b> (VEHICLE FLOOR LEVEL)	Adjust upper limit switch so that Lift stops just as the first knuckle actuator pad touches the underside of the lower parallel arm.	1. Lift stops low.  2. Lift stops high.	1. Turn screw counter-clockwise to raise.  2. Turn screw clockwise to lower.



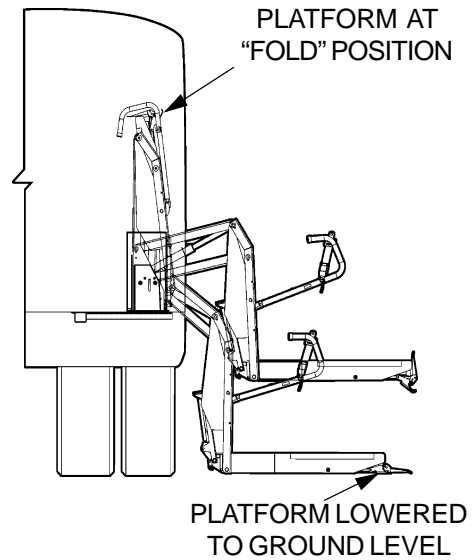
**FIG. 1**

# PLATFORM TILT ADJUSTMENT

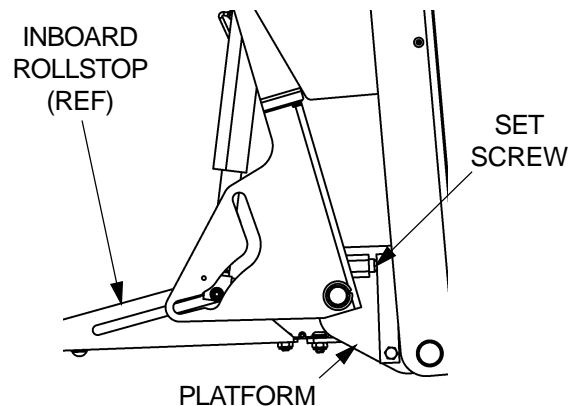
1. The platform tilt adjustment is crucial for proper platform rollstop operation. However, this angle cannot be adjusted at the factory. Factors such as vehicle floor height, Lift installation angle, and stiffness of the vehicle springs may vary the installation geometry.

**NOTE:** For the following procedure, ground level is the point where platform (FIG. 2) rollstop first reaches full deployment on the ground.

2. Lower platform to ground level (FIG. 2). Measure the distance between the inboard edge of the platform and the ground. Distance should be 3/4" to 1".
3. Be sure to adjust set screws (FIG. 3) equally on both sides of platform to ensure proper leveling of platform. After platform is properly leveled, apply Blue Loctite thread-locking compound to both set screws.



**FIG. 2**

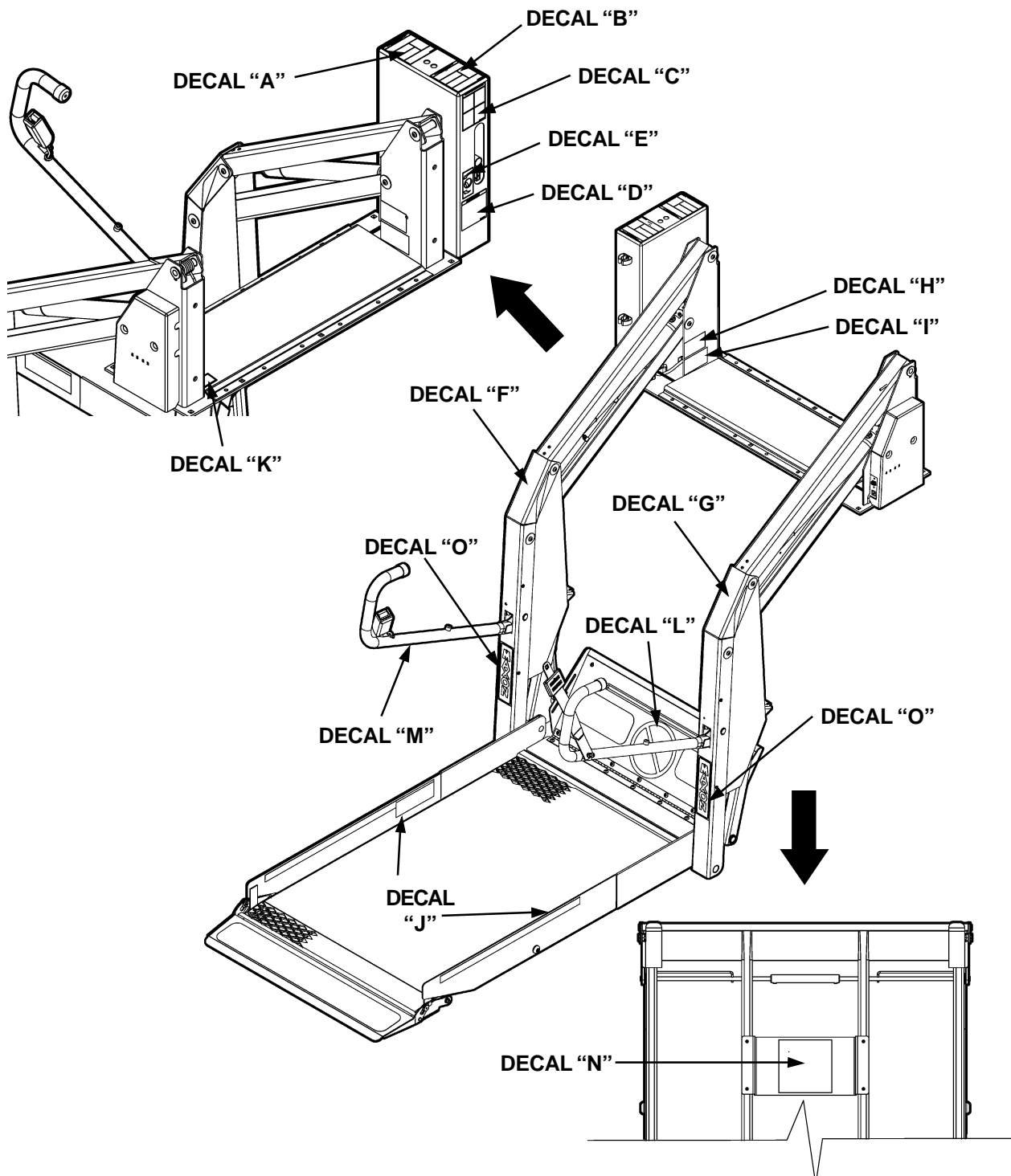


**PLATFORM ADJUST SET SCREW  
(RH SIDE OF PLATFORM SHOWN)**

**FIG. 3**



# DECALS AND DECAL PLACEMENT



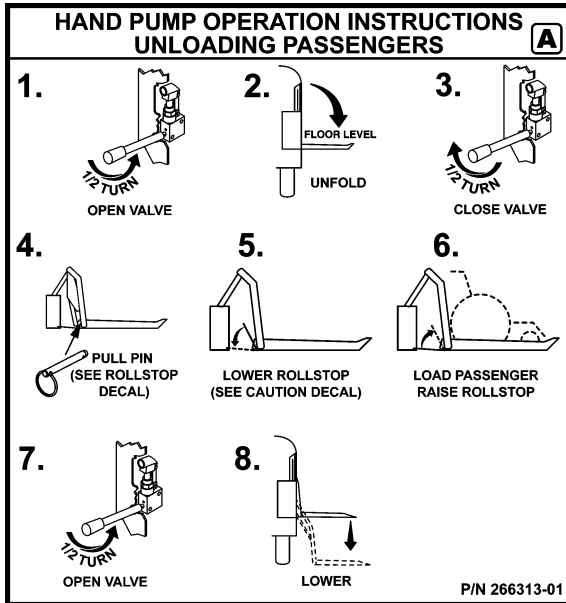
The Wheelchair Lift must have all **WARNING** and **CAUTION** decals attached, and decals must be legible. If decals are defaced or missing, replace them. Free replacements are available from Maxon by contacting:

**MAXON LIFT CORP. Customer Service**  
 11921 Slauson Ave., Santa Fe Springs, CA 90670  
 Phone: (800) 227-4116  
 Email: [partssales@maxonlift.com](mailto:partssales@maxonlift.com)

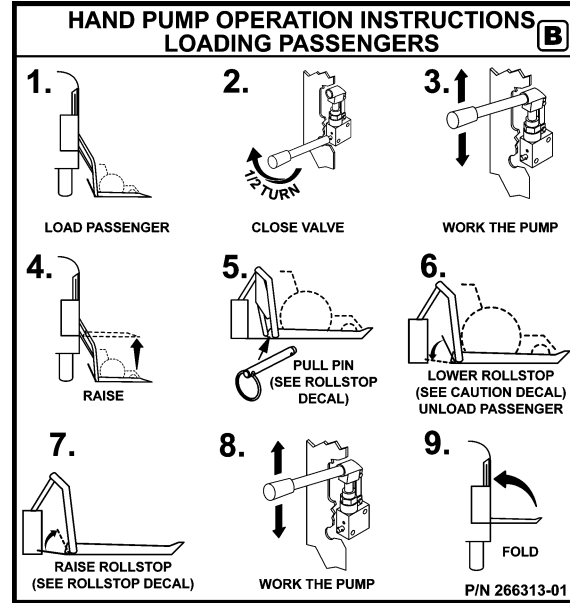
# DECALS AND DECAL PLACEMENT - Continued

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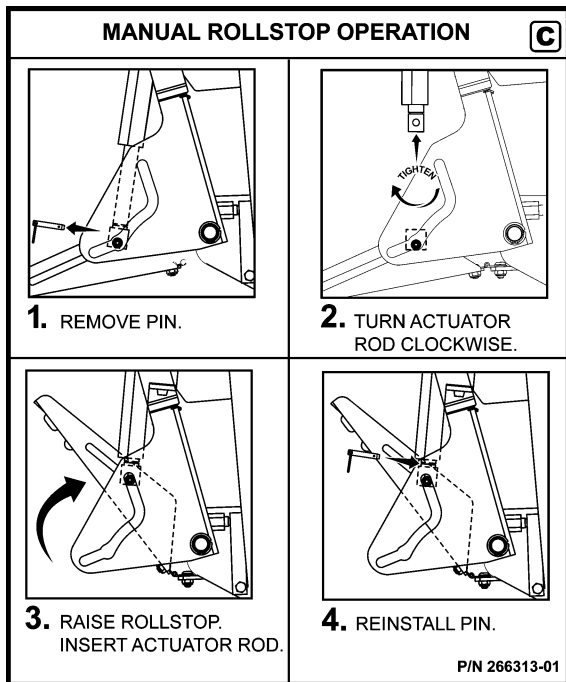
11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713



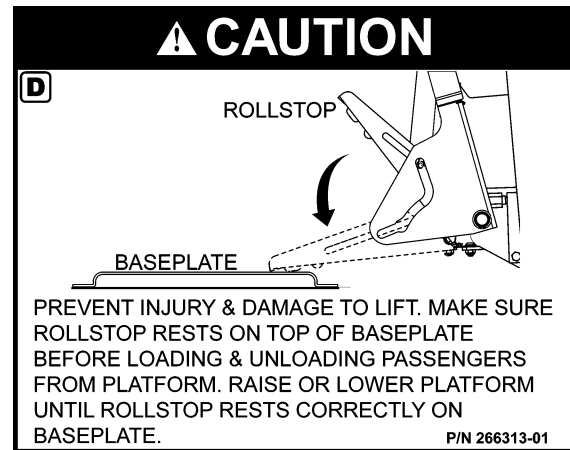
DECAL "A" P/N 266313-01



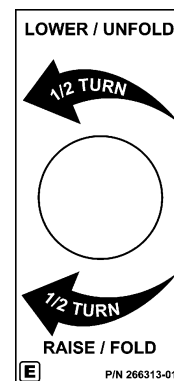
DECAL "B" P/N 266313-01



DECAL "C" P/N 266313-01



DECAL "D" P/N 266313-01



DECAL "E" P/N 266313-01

## OPERATING INSTRUCTIONS:

### ENTER VEHICLE

1. Fully open and secure door(s).
2. Activate **UNFOLD** switch to open platform to horizontal position.
3. Activate **LOWER** switch to lower platform to ground level.
4. Position Wheelchair centrally on platform and **LOCK WHEELCHAIR BRAKES**.
5. Fasten Occupant Restraint Belt.
6. Activate **RAISE** switch to raise platform to vehicle floor level.
7. Release wheelchair brakes and enter vehicle.

### EXIT VEHICLE

1. Fully open and secure door(s).
2. Activate **UNFOLD** switch to open platform to horizontal position.
3. Fasten Occupant Restraint Belt.
4. Position wheelchair centrally on platform and **LOCK WHEELCHAIR BRAKES**.
5. Activate **LOWER** switch to lower platform to ground level.
6. Unlatch Occupant Restraint Belt and place on hook provided.
7. Release wheelchair brakes and exit platform.

### STOW LIFT

From Vehicle Floor

1. Activate **FOLD** switch to close platform. Fold operation will stop automatically when completed.

### From Ground Level

1. Activate **RAISE** switch to raise platform to vehicle floor level.
2. Activate **FOLD** switch to close platform. Fold operation will stop automatically when completed.
3. Close Door(s)

P/N 261389

DECAL "F" P/N 261389

## COMMERCIAL WHEELCHAIR LIFT



## WARNING

- This Wheelchair Lift is intended for Commercial Use and to be operated by an Attendant. Do Not attempt to ride Lift without the assistance of an Attendant.
- Improper operation of this Lift can result in serious personal injury. Do not operate unless you have been properly instructed and have read, and are familiar with, the operating instructions. If you do not have a copy of the Operator's Manual, additional copies are available from:

**MAXON Lift Corp.**

**11921 Slauson Ave**

**Santa Fe Springs, CA 90670**

**(800) 227-4116**

- Be certain the vehicle is properly and securely braked before using the lift.
- Prior to use, inspect the Lift for maintenance or damage. If a problem exists, do not use Lift until it is corrected.

**Do not exceed rated load  
capacity of Lift which is  
800 lbs. (364 kg).**

- Do not allow any part of yours or your rider's body to be placed under, within, or around any portion of the moving Lift or its mechanisms, or in a position that would trap them between the platform and the ground or vehicle when the Lift is operated.
- Be certain that the area the Lift will move through during operation is clear of all obstacles.
- Above all, USE GOOD COMMON SENSE when operating this Lift.

P/N 265352

DECAL "G" P/N 265352

**MAXON®**

0042FA00001

SERIAL

800

CAPACITY  
(LBS)

WL-6A-A

MODEL

SANTA FE SPRINGS CALIF.

MADE IN MEXICO

MO.

YEAR

905272

DECAL "H" P/N 905272

The MAXON Lift Corp.  
certifies that this wheelchair lift conforms  
to all applicable requirements of the  
Americans w/Disabilities Act of 1990,  
the National Standards for School  
Buses and the California Code of  
Regulations requirements in effect on  
the date of manufacture.

P/N 265112

DECAL "I" P/N 265112

## DECALS AND DECAL PLACEMENT - Continued

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### **WARNING**

#### **STANDING POSITION ON PLATFORM**

**Position a standing passenger  
in center of platform between  
handrails, facing direction of travel.**

P/N 265110

**DECAL "J" P/N 265110**



P/N 261444

**DECAL "L" P/N 261444**



P/N 261357

**DECAL "N" P/N 261357**

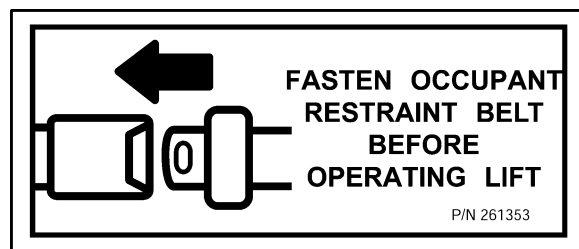
### **Chassis Electrical Ground**

The surface finish of this lift is powder coat paint. To insure a proper electrical ground to the vehicle chassis remove the paint from the area around the chassis grounding strap mounting bolt hole by grinding or sanding the surface to expose bare metal. Also, remove any undercoating from the surface of the vehicle chassis where the strap will be fastened.

Failure to properly ground the electrical system can result in faulty Lift operation and premature electrical system failure.

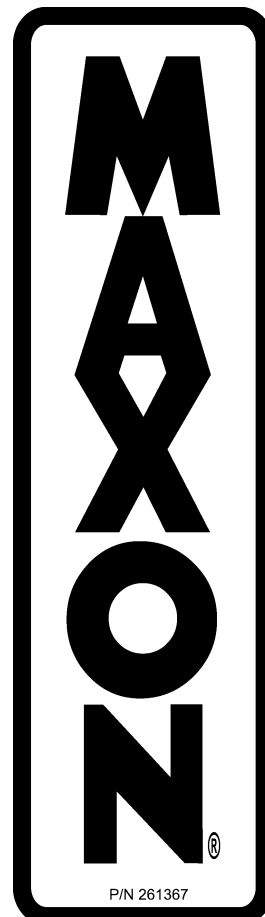
P/N 265325

**DECAL "K" P/N 265325**



P/N 261353

**DECAL "M" P/N 261353**

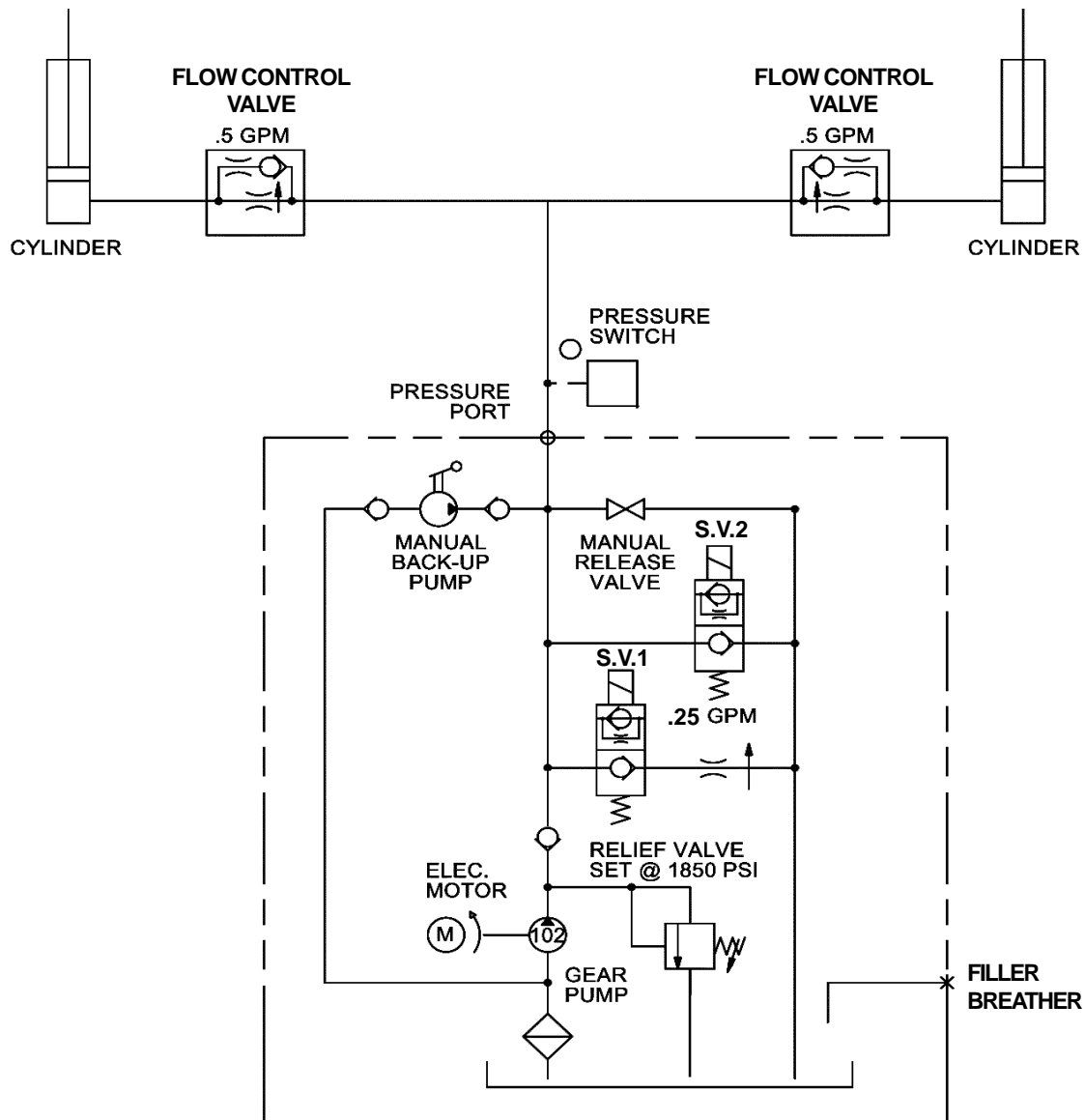


P/N 261367

**DECAL "O" P/N 261367**

# SCHEMATICS

# HYDRAULIC SCHEMATIC



**MAXON®**

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

# ELECTRICAL SCHEMATIC

