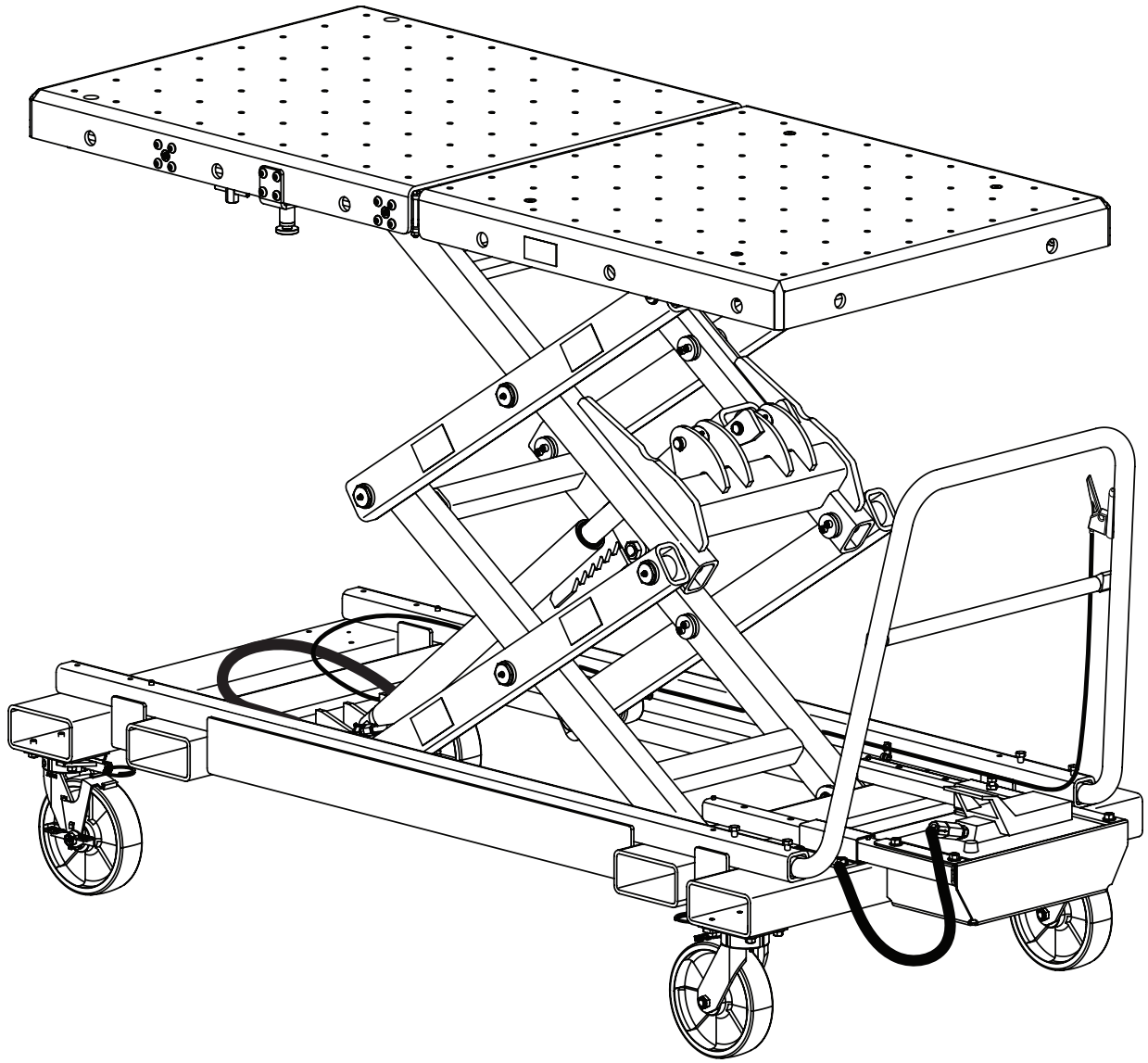
Parts List and Operating Instructions for

3KLIFTTABLE
Mobile Lift Table

Maximum Capacity: 1400 kg (3080 lbs.)



SP04513059 TKU 000 00 MANUAL

Contact Technical Services at
1-800-533-6127 with any questions.

Page No.	1 of 20
Issue Date:	Rev. A, March 25, 2020

General Information

Product Name:	Mobile Lift Table
Product Type:	Lifting Equipment
Product Number:	3KLIFTTABLE
Weight:	1180 lbs (537 kg)
Maximum Load Capacity:	Complete Lift Table: 3080 lb (1400 kg)
	Extended Platform: 1540 lb (700 kg)
Maximum Pneumatic Input Pressure:	140 psi (9.5 bar)
Maximum Hydraulic Pressure:	5000 psi
Noise Emission:	86 dB(A)
Dimensions:	Width: 37 in (940 mm) Overall Length: 79 in (2008 mm)
	Height (Completely Lowered: 22.2 in (564 mm)
	Height (Completely Raised: 70.5 in (1791 mm)
Threaded Holes in the Platforms:	Size: M10 X 1.5
	Max. Torque: 50 ft lb (68 N•m)

Intended Use:

- To lift, lower, and transport loads, such as a high-voltage/BEV/PHEV battery, engine, transmission, seat, fuel tank, or axle.

Terms of Use:

- To lift, lower, and transport loads, such as a high-voltage/BEV/PHEV battery, engine, transmission, seat, fuel tank, or axle.
- To be used only by qualified personnel trained in accordance with the automobile manufacturer's standards.
- Use only for work expressly approved by the automobile manufacturer.
- Use only on level, even, and stable ground.
- Use only indoors.
- Do not use in corrosive environments (e.g. acidic or caustic).
- Do not use in potentially explosive environments.
- Use only at ambient air temperatures between 40-110°F (5-45°C).
- Use only at a relative humidity between 32% and 86%.
- Use only at a pneumatic input pressure up to 140 psi (9.5 bar).
- Use for loads only up to 3080 lb (1400 kg). When extending the platform, ensure that the load on the extendable platform does not exceed 1540 lb (700 kg).
- Do not use to lift persons or animals.
- Use the lifting equipment only with the accessories that have been expressly approved by the automobile manufacturer.

Included in Delivery:

Product Number:	Product Name:	Quantity:
3KLIFTTABLE	Mobile Lift Table	1
–	Push Handle	1
–	Handle Screws (3/8-16 UNC X 2" Full Thread)	4

Explanation of Safety Signal Words

The safety signal word designates the degree or level of hazard seriousness.

DANGER: Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING: Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION: Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION: Used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

SAFETY PRECAUTIONS

WARNING: To prevent personal injury or equipment damage,

- **Study, understand, and follow all instructions before operating this device. Ensure that each person using the lifting equipment is familiar with these instructions and can access them at all times. If the operator cannot speak English, operating instructions and safety precautions must be read and discussed in the operator's native language.**
- **Ensure that all users are also familiar with the instructions for additional special tools and equipment that are required for the repair work.**
- **Refer to the vehicle manufacturer's shop manual for additional equipment service instructions and safety precautions.**
- **This lifting equipment has been specifically constructed for its intended use. The safety of the lifting equipment can no longer be ensured if it is misused or modified in ways not expressly approved by the manufacturer. Serious personal injuries or severe damage to materials could occur.**
- **No alterations shall be made to this product as this will void the warranty.**
- **Use the lifting equipment only for work that has been expressly approved by the automobile manufacturer.**
- **Do not climb on the lifting equipment.**

- **Do not use the lifting equipment to lift persons or animals.**
- **Use the lifting equipment only to support and lift vehicle parts, never an entire vehicle.**
- **Wear eye protection that meets OSHA and ANSI Z87.1 standards.**

- **Wear safety shoes that meet the OSHA standards.**
- **Use caution when servicing, do not stand or permit any part of the body to be positioned under the load being lifted or suspended.**

- **Perform work only at an ergonomic height.**
- **Do not exceed the maximum load capacities specified in these instructions, neither for the entire mobile lift table, nor for the extended platforms.**
- **To be used only by persons in good physical condition.**
- **Use only with the help of an assistant.**

- **To prevent tipping use only on a hard, level surface and ensure the load is centered on the Lift Table. Angled loads on the platform MUST NOT be more than 2 degrees. Tipping can result in personal injury.**
- **Lower load completely before storage.**
- **Ensure that the lifting and lowering path remains clear and easily visible.**
- **Do not move lifting equipment while a load is raised. Move the Lift Table with loads on it only when the platforms are in the lowest possible position and on hard, level surface. Do not move the Lift Table over slopes above 2.0 degrees with a load and 3.5 degrees without a load.**
- **Do not move the Lift Table at a speed faster than 3 ft/sec (4 km/h).**
- **Do not raise or move a load having a center of gravity extending beyond the wheels. Tipping can result in personal injury.**
- **When reinstalling components back into the vehicle, ensure the component is securely attached to the vehicle before lowering the platform.**
- **Place the forklift forks to lift the Lift Table only between the forklift signs on the bottom frame.**
- **Only qualified operators may inspect the condition of the Lift Adapters and hardware before each use; do not use if damaged, altered, or in poor condition.**
- **Use only those repair parts called out in the parts list in this document. Items found in the parts list have been carefully tested and selected.**

Pump

- **Always use the black filler plug to raise and lower the platforms. Use the red filler plug only to transport the Lift Table.**
- **Do not exceed the hydraulic pressure rating noted on the pump data plate or tamper with the internal high pressure relief valve. Creating pressure beyond the rated pressure can result in personal injury.**
- **Before replenishing the fluid level, retract the system to prevent overfilling the pump reservoir. An overfill can cause personal injury due to excess reservoir pressure created when cylinders are retracted.**

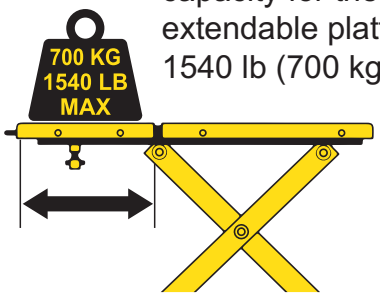
SAFETY ICONS ON LIFT

Do not climb on the platforms.

Do not place forklift forks to the left of this sign.

Do not place forklift forks to the right of this sign.

Maximum load capacity for the extendable platform 1540 lb (700 kg).



PREPARATION AND SET UP

Unpackaging

1. Cut away stretch wrap and discard.
2. Ensure the Mobile Lift Table is complete and inspect for visible damage, such as bends, cracks, dents, or damage to threaded holes in the platforms. Do not use the product if damaged or in poor condition, but take it out of operation immediately and call Technical Services.
3. Cut plastic shipping banding to free carton from platform. Set carton aside.
4. Cut metal shipping banding to free Mobile Lift Table from wood pallet.
5. Raise the Mobile Lift Table minimum 10 in [250 mm] off the wood pallet using a fork lift, 2-Post Vehicle Lift, or other equipment capable of
   a. Lifting 1200 lb
   b. Maintaining points of contact within the 4 lifting zones at all times. See Figure 1.

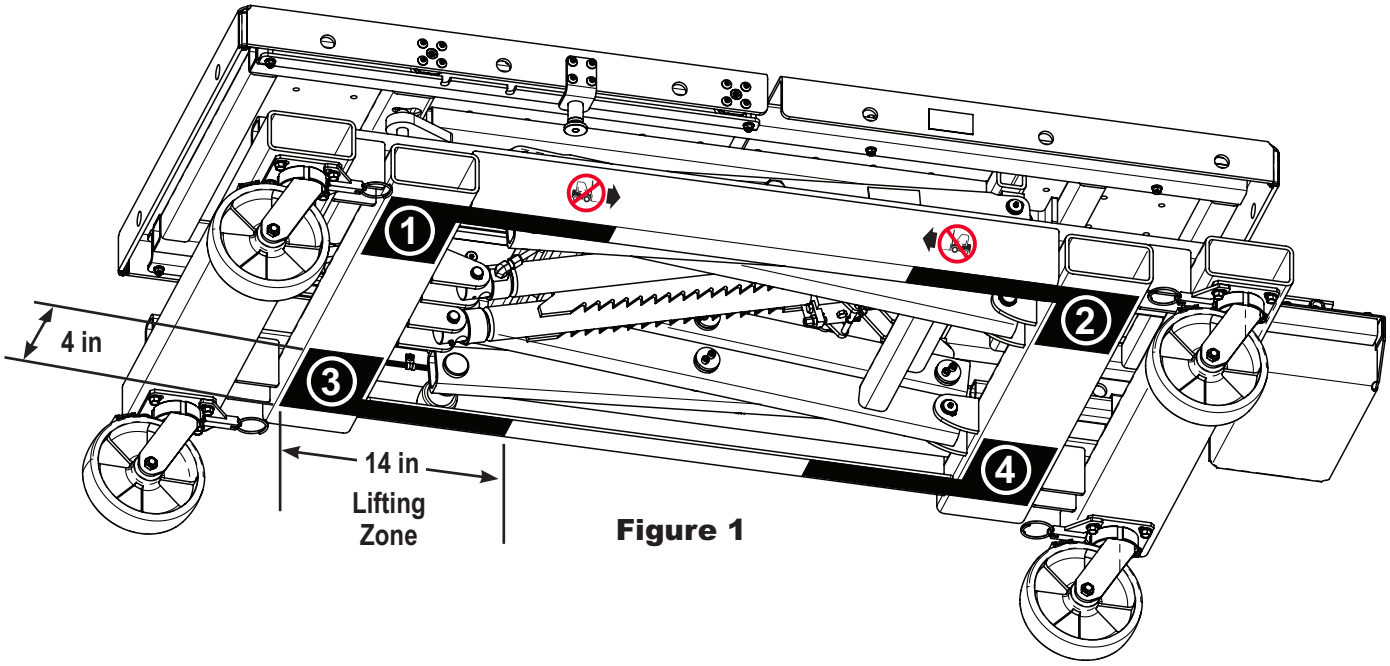


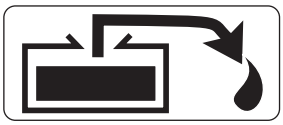
Figure 1

WARNING: To prevent personal injury and/or equipment damage, do not roll Mobile Lift Table off the wood pallet and onto floor.

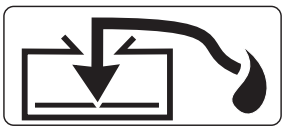
6. Slide wood pallet out from under the elevated Mobile Lift Table and discard.
7. Lower the Mobile Lift Table until all four caster wheels contact the floor and fully support the weight of the product.
8. Open the carton and locate the Push Handle and its 4 mounting screws. Install the handle by inserting into the Base Frame. Thread mounting screws into holes and through aligning holes in the Push Handle until screws are snug against the inside wall of the Push Handle tubing. Torque screws to 15 ft-lb (20 N•m). See Figure 10.

Prepare The Air Pump For Operation

A. Pictogram Definitions



Activating the pump with the pedal end marked with this pictogram, the flow of fluids is directed out of the reservoir.



Activating the pump with the pedal end marked with this pictogram, the flow of fluids is directed back to the reservoir.

B. Cut shipping tie straps from air pump.

C. Air Supply Hook Up

1. Remove the thread protector from the air inlet of the pump. The pump's air inlet is 1/4-18 NPT internal threads. Select and install the threaded fittings which are compatible with your air supply fittings. The air supply should be 20 CFM (.57 M^3/min.) at 100 PSI (7 BAR) at the pump to obtain the rated hydraulic pressure. Air pressure should be regulated to between 50 PSI (3.5 BAR) and 140 PSI (9.5 BAR). A pressure of 100 PSI (7 BAR) is the recommended minimum. Secure your pump fitting to the air supply.
2. It is highly recommended to install an automatic air line oiler to the air supply as close to the pump as possible. Set the unit to feed approximately one drop of oil per minute into the system. Use SAE grade oil, 5W to 30W.

D. Priming The Pump Unit

Under certain circumstances it may be necessary to prime the air pump.
To accomplish this, perform the following procedure:

1. Press the release end of the pedal while holding down the air intake valve with a flathead screwdriver. The air intake valve is located directly under the pedal in the area marked  . The valve is depressed simultaneously with the  area of the pedal during priming. See Figure 2.
2. Allow the pump to cycle approximately 15 seconds.
3. Remove the screwdriver and press the  end of the pedal once more.
4. If the cylinder extends or pressure builds, the pump has been successfully primed. If the pump does not respond, repeat the procedure, jogging the air intake valve while holding the pedal in the  position.

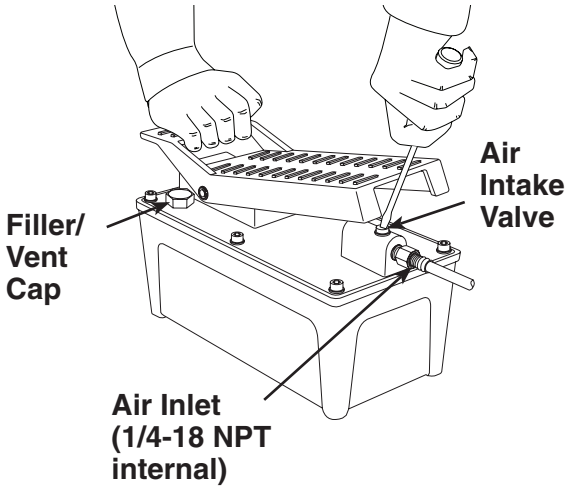


Figure 2

MECHANICAL SAFETY LATCH OPERATION

In the unlikely event of an uncontrolled descending lift, this lifting device has been equipped with a mechanical safety latch. When the safety release lever is untouched it is in the active position. In this position the mechanical safety latch will completely engage after experiencing a minimal downward motion, stopping a full descent from occurring. When intentionally (or purposefully) lowering the Lift, first raise the Lift slightly to remove pressure from the safety latch, and then squeeze the safety release lever to allow the Lift to descend. See Figures 3 and 4.

WARNING: To prevent personal injury and/or equipment damage,

- **Keep all body parts clear of the Lift when safety latch has been disengaged.**
- **Ensure the safety latch is fully engaged when performing maintenance or reaching inside the scissor components of the Lift.**
- **Keep the Lift secured with the mechanical safety latch in case someone presses the pump pedal, the platforms will not be lowered unintentionally.**

ENGAGED POSITION
(Lever Untouched)

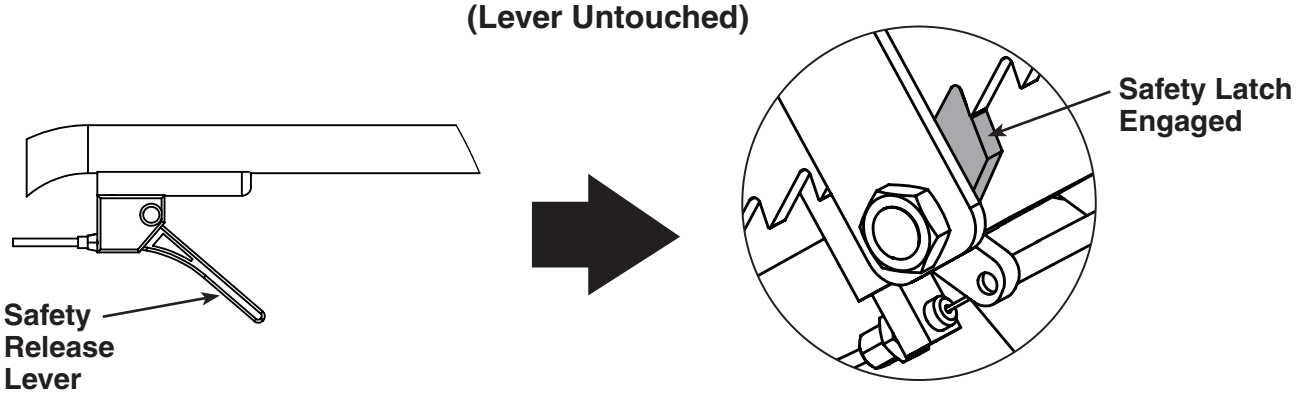


Figure 3

DISENGAGED POSITION
(Lever Squeezed)

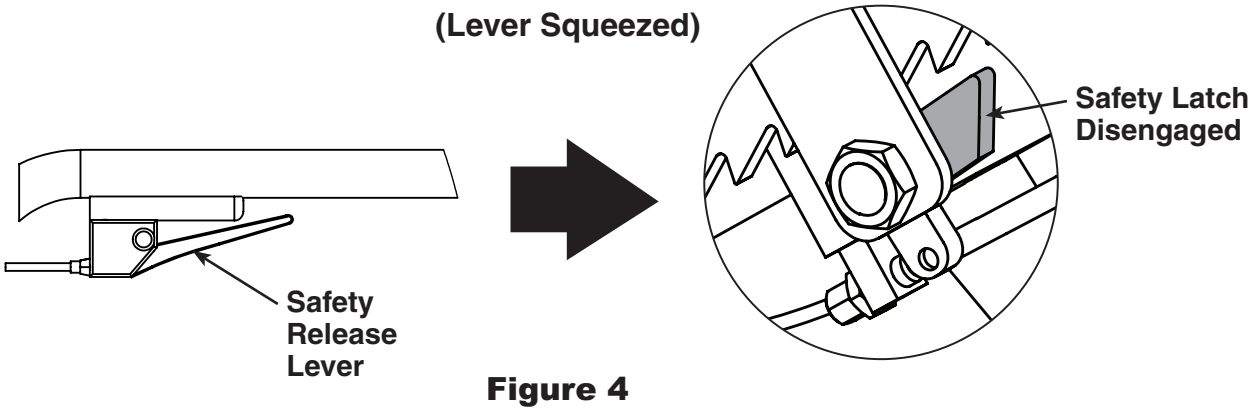


Figure 4

SP04513059 TKU 000 00 MANUAL

FUNCTIONAL CHECKS

Lift Operation and Safety Latch Mechanism

Without external load applied to lift platform, fully raise and lower multiple times to ensure proper function of the hydraulic system and scissor components.

1. Press the end of the air pump foot pedal marked  to raise the lift platform until it stops at maximum extension. Lower the Lift platform and ensure the descent is automatically interrupted by the safety latch mechanism.
2. Press the end of the air pump foot pedal marked  to raise the lift platform slightly to remove pressure from the safety latch. Squeeze the safety release lever. Press and hold the end of the air pump foot pedal marked  to lower the lift platform until it reaches full collapse.
3. Ensure platform raises and lowers only when the air pump foot pedal is actively depressed by the operator.

WARNING: To prevent personal injury and/or equipment damage

- **Keep all body parts clear of the Lift when safety latch has been disengaged. If platform moves after air pump pedal is released, discontinue use and service immediately.**

Functional Check of Other Features

A. Platform Tilting Features

1. Turn forcing screws in/out fully to ensure proper function of platform tilting feature. See Figure 4 of “Fine Adjustment Tilting Feature” section.

B. Platform Sliding Extension Feature

1. Retract spring plunger and extend platform. Ensure spring plunger engages at all three stop positions when the plunger is released.

MOBILE LIFT FEATURES

Fine Adjustment Tilting Feature

The forcing screws shown in Figure 5 allow the user to finely tilt the platform to help remove or install vehicle components and compensate for uneven shop floors, difficult fastener locations, etc. The forcing screws can be operated by either hand, or wrench or socket, depending on the applied load.

WARNING: To prevent personal injury and/or equipment damage,

- **To prevent tipping, angled loads on the platform MUST NOT be more than 2 degrees.**
- **To prevent tipping, ensure the load is centered on lift table and distributed evenly.**
- **Place the vehicle part on the lift table so that it is flat.**

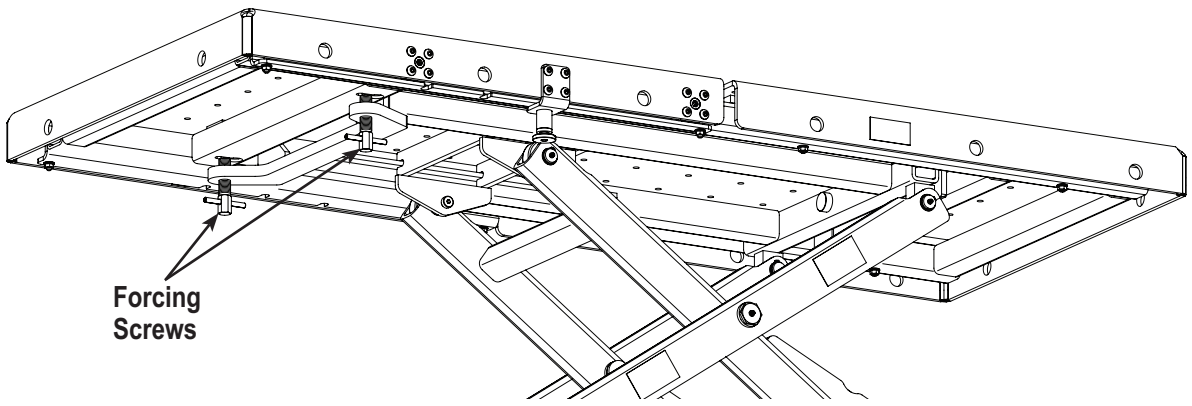


Figure 5

Platform Sliding Extension Feature

Retract spring plunger and pull on the underside of table (See Figure 6) to extend sliding platform to increase the surface area of the platform. To ensure a secure work surface, release the spring plunger and slide platform extension until it locks into one of the three stop positions. *Note: If the sliding platform binds, adjustment screws may need to be turned. See Figure 7.*

Secure components to the platform with bolts and/or straps. Many M10 x 1.5 holes are provided in the platform top to thread bolts into. **CAUTION: To prevent damaging threads in the platform, do not torque bolts beyond 50 ft. lbs. (68 N•m).** Holes in the side edges of the platform are provided for securing straps. See Figures 7 and 8.

WARNING: To prevent personal injury and/or equipment damage,

- **Always secure components to the platform with bolts, chains and/or straps. Select suitable restraints and holding fixtures for the shape of the vehicle part and in accordance with the specifications of the automobile manufacturer's workshop manual.**
- **Ensure spring plunger is locked into one of the three stop positions.**
- **Do not exceed 1540 lb (700 kg) on the extendable platform.**

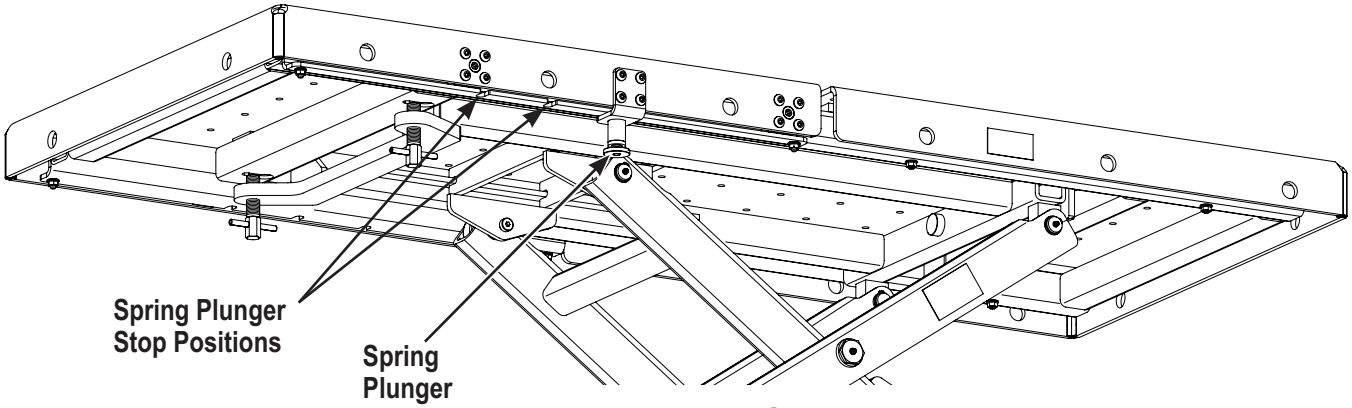


Figure 6

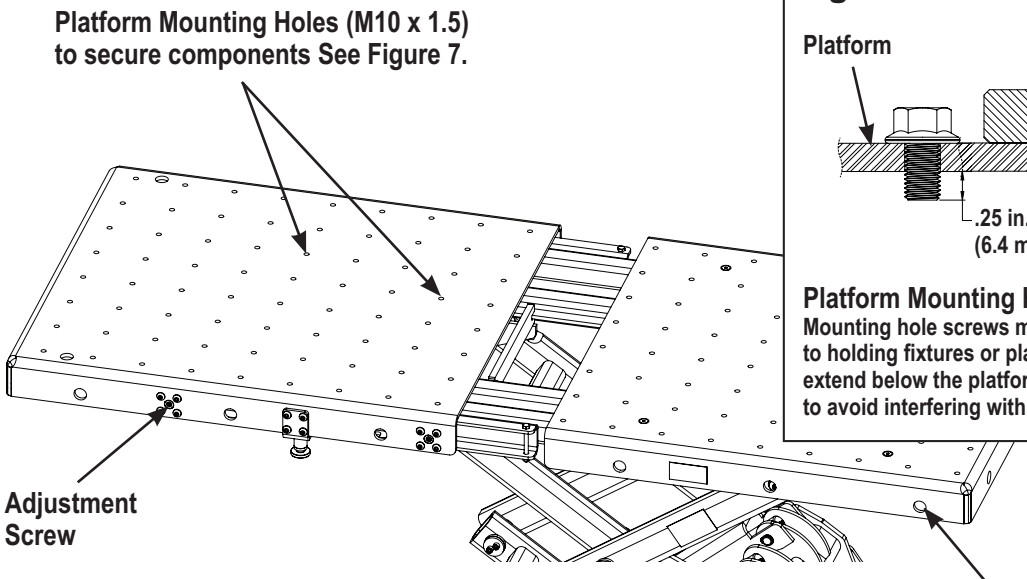
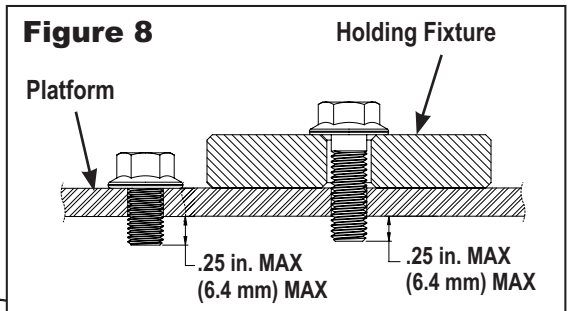


Figure 7

Figure 8



Platform Mounting Hole Screws

Mounting hole screws must be tightened securely to holding fixtures or platform. Screws must not extend below the platform more than .25 in(6.4 mm) to avoid interfering with platform movement.

Directional Locks and Rolling Brakes

Each caster on the Mobil Lift has a directional lock to convert them from a swivel to a rigid caster. Pull on the ring and rotate 90 degrees and release back into the groove. Rolling brakes are located on the hub of the caster wheels. Depress the “ON” portion to engage brakes and “OFF” to release brakes. Engage all four brakes before applying a load to the lift or when leaving the lift unattended. See Figure 9.

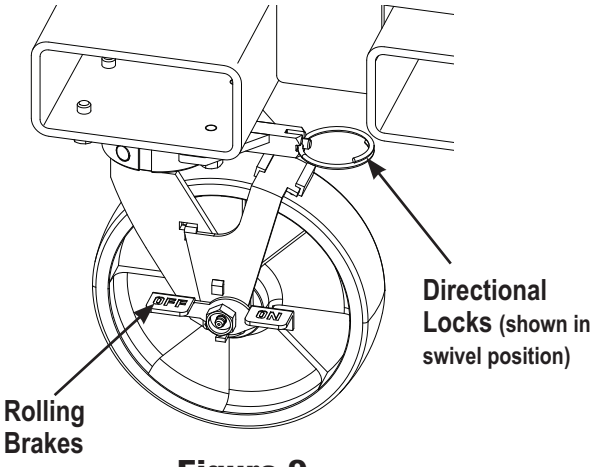


Figure 9

⚠ WARNING: To prevent personal injury and/or equipment damage,

- **Always lock all four brakes before applying a load to the lift or when leaving the lift unattended.**

Adjustable Handle and Pump Position

If the load extends beyond the platform it may be necessary to extend the pump supports and the push handle to avoid the load from obstructing the use of the handle or the pump. Ensure that all 4 of the supplied screws are engaged through the preset adjustment holes in both the handle and base frame at all times. Torque handle and pump support screws to 15 ft lb (20 N•m). See Figures 10 and 11.

⚠ WARNING: To prevent personal injury and/or equipment damage,

- **Use the provided holes and all supplied screws to secure handle and pump supports. Tightening mounting screws against tubing exterior may crush it.**
- **Ensure the load does not extend beyond the platform so far as to collide with the push handle and/or pump.**

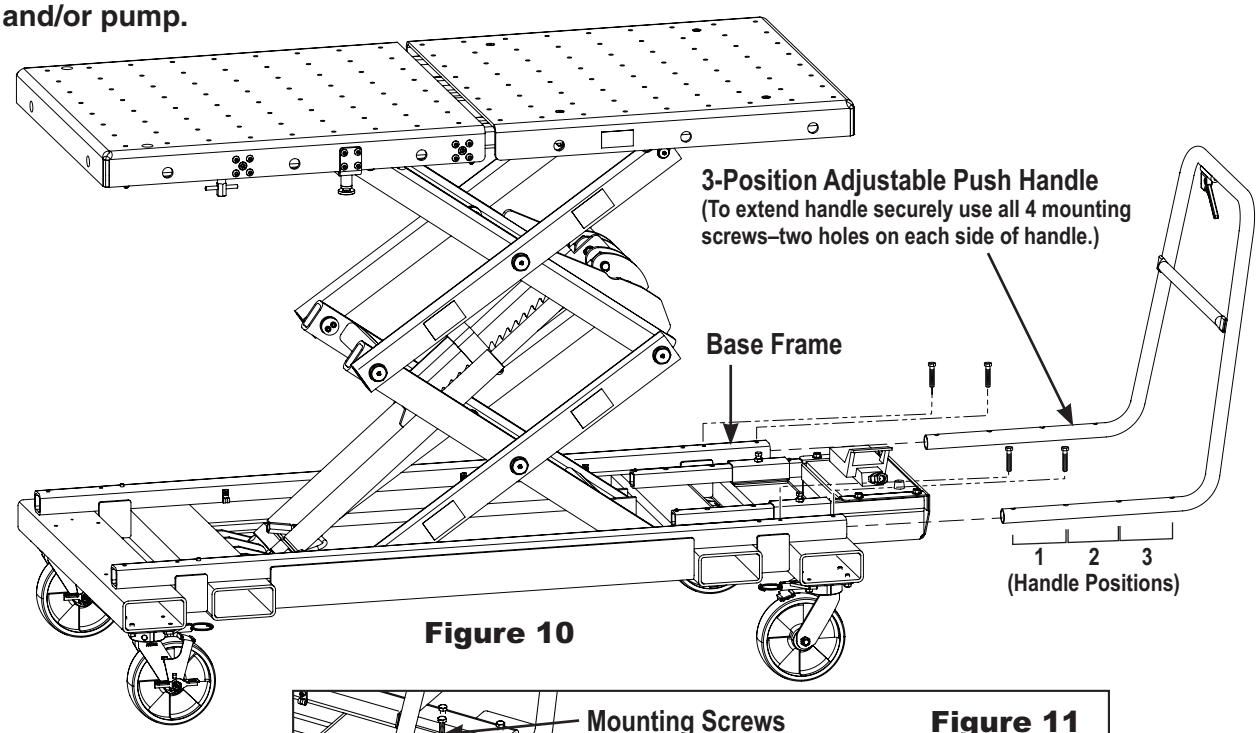


Figure 10

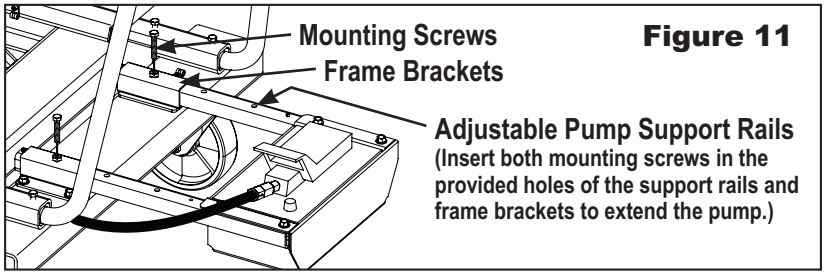


Figure 11

SP04513059 TKU 000 00 MANUAL

OPERATING INSTRUCTIONS

Operating The Lift To Remove Components

1. Always follow the vehicle manufacturer's recommended service procedure for removal of the component.
2. Raise the vehicle above the height of the lift table.
3. Attach the required accessories to the platform and to the vehicle component.
4. Position the Lift under the vehicle. Adjust Lift handle and pump supports if the load extends over platform limiting access to handle or pump. Connect the air hose to the air pump.
5. Press the end of air pump foot pedal marked  to raise the lift to the load. *Note: Pedal may briefly vibrate when pressed. This is normal and present no danger.*
6. Remove any remaining bolts from the vehicle component.
7. Press the end of the air pump foot pedal marked  to raise the lift platform slightly to remove pressure from the safety latch. Squeeze the safety release lever. Press and hold the end of the air pump foot pedal marked  and lower the lift completely.

⚠ WARNING: To prevent personal injury and/or equipment damage,

- **Keep all body parts clear of the Lift when safety latch has been disengaged.**

8. Ensure that the pathway of Lift is level, sturdy and free of obstructions.

⚠ WARNING: The Mobile Lift Table could roll down slopes and ramps by itself. The Mobile Lift Table is heavy and therefore has a longer braking distance. Handling the Mobile Lift Table on slopes and ramps carelessly could cause serious personal injuries or severe damage to materials.

- **Do not move Lift while a load is raised. Move the Lift with loads on it only when the platforms are in the lowest possible position and on hard, level surface. Do not move the Mobile Lift Table over slopes above 2.0 degrees with a load and 3.5 degrees without a load.**
- **Move the Mobile Lift Table in the direction of the slope, not across it.**
- **Position the vehicle part on the Mobile Lift Table to minimize how much of the vehicle part hangs over the edges of the platforms and so that the path is clearly visible.**

- **Personnel must remain above the Mobile Lift Table on slopes.**
- **Do not move the Mobile Lift Table at a speed faster than 3 ft/sec. Do not stand in front of load when moving.**
- **Use the Lift only with the help of an assistant to control its movements.**
- **Prevent the Mobile Lift Table from rolling by engaging rolling brakes.**

9. Move the Lift and load out from under the vehicle.

⚠ WARNING: The load could tip or fall if the accessories have not been attached to the lifting equipment correctly or if the load has not been attached to the accessories correctly. This could result in serious personal injuries or severe damage to components/equipment.

- **Ensure that the accessories have been secured to the lifting equipment correctly.**
- **Ensure that the load has been secured to the accessories correctly.**

Operating The Lift To Install Components

1. Position the Lift with the component under the vehicle chassis. Connect the air hose to the air pump.
2. Align the component in the correct position and press the end of the air pump foot pedal marked  to raise the lift.
3. Always follow the vehicle manufacturer's recommended service procedure for installing the component.

INSPECTION AND MAINTENANCE

WARNING: To prevent personal injury,

- **Only qualified personnel shall perform inspections and repairs to this Lift.**
- **Before each use, inspect the Lift for bends, cracks, dents, elongated holes, or missing hardware. If damage is found, discontinue use.**
- **Use only those repair parts called out in the parts list in this document. Items found in the parts list have been carefully tested and selected.**

Inspection

Before each use, an approved inspector must inspect the Lift for bends, cracks, dents, elongated holes, or missing hardware. If damage is found, discontinue use.

Repair

When repairing the Lift, use only those repair parts called out in the parts list in this document. Items found in the parts list have been carefully tested and selected.

Disposal

At the end of the useful life of the Lift, dispose of the components according to all state, federal, and local regulations.

Preventive Maintenance

NOTE: 1 cycle = 1 complete raising and lowering of the Lift platform.

Every 300 cycles or 6 months, whichever comes first:

A. Hydraulic Cylinders

1. Inspect for hydraulic fluid leaks.
   - Some oil accumulation on cylinder rod is normal and desired for proper function of the unit.
   - If fluid is escaping and puddling on the floor, the cylinder requires servicing.
2. Without load applied to platform, raise and lower Lift multiple times. If cylinders pulse, stick, or generally do not operate smoothly, unit needs servicing.

B. Hydraulic Fittings

1. Inspect for leaks.
   - Tighten fittings to stop leak.
   - Replace fittings if tightening does not stop leak.

C. Hose

1. Inspect and replace if found to contain cuts, cracks, or considerable surface wear.

D. Pump

1. Check hydraulic fluid level.
   - The fluid level should be 1/2 inch (12.7 mm) from the filler/vent cap with cylinder retracted. Replenish with hydraulic fluid (P/N 9637) through this port if needed.
2. Check pump reservoir for leaks due to damage to reservoir.
3. Raise and lower platform by operating air pump pedal. Ensure platform raises and lowers only when the air pump pedal is actuated.

WARNING: To prevent personal injury and/or equipment damage, discontinue use and service the unit immediately if platform moves after air pump pedal is released.

4. If platform moves slowly when raising, or pump seems to reciprocate faster than normal, install an automatic air line oiler prior to the pump.
   - When automatic air line oiler is installed, some oil discharge from pump exhaust is normal and indicates proper lubrication.

E. Lubrication

1. Use a grease gun to thoroughly apply grease at every location fitted with grease fitting (i.e., upper & lower rollers, casters, scissor & hydraulic cylinder pivot pins, etc.). Pump grease into fitting until only new grease can be seen escaping from joint. Wipe away excess.

F. Cleaning

1. Wipe dirt, debris, and grime from all surfaces using clean rag.

Every 3000 cycles or 24 months, whichever comes first:

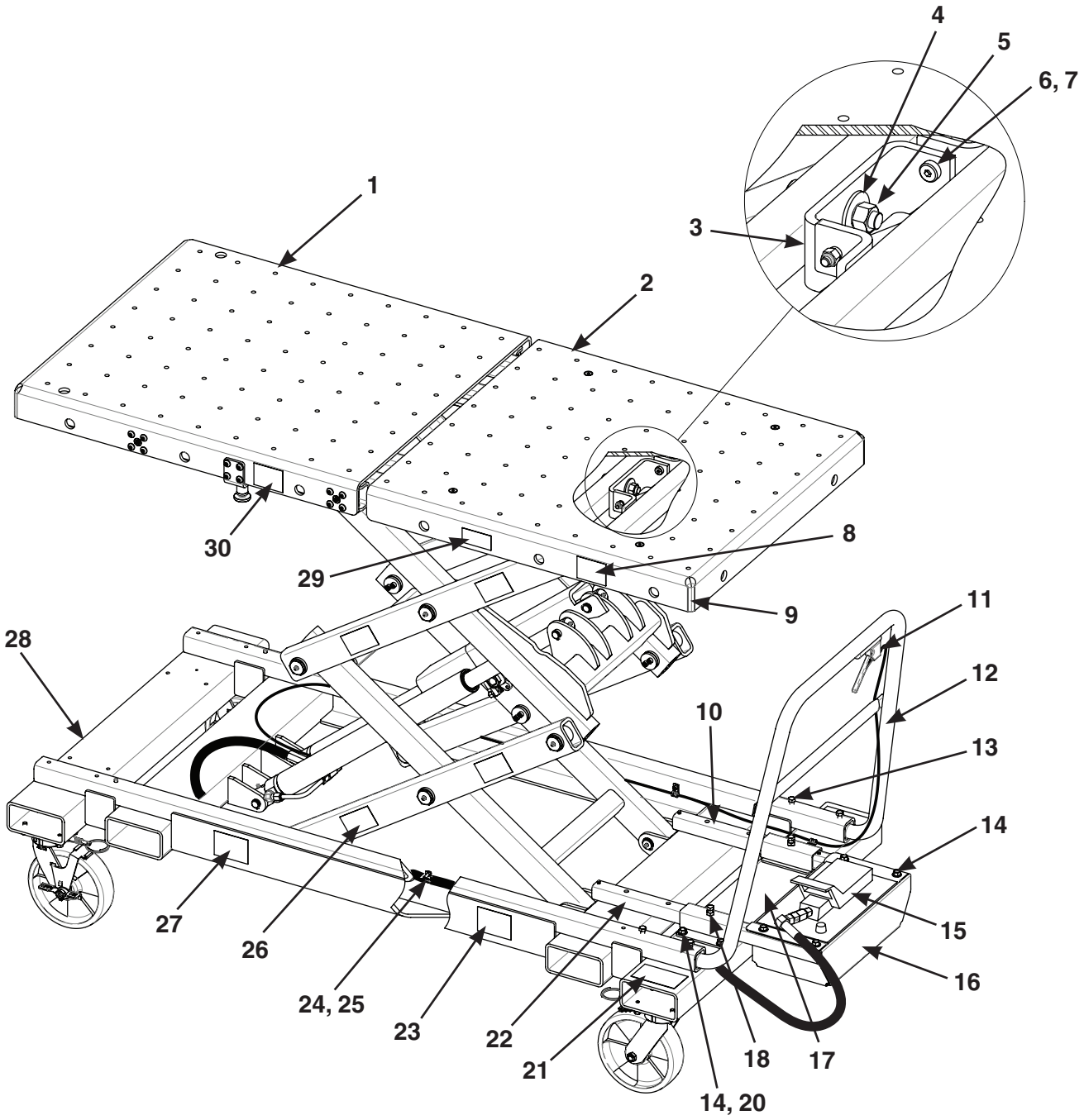
A. Draining and Flushing the Pump Reservoir

1. Remove screws that fasten pump assembly to reservoir. Remove pump assembly from reservoir. Do not damage gasket, filter or safety valve.
2. Drain reservoir of all fluid and refill half full with clean hydraulic fluid (P/N 9637). Rinse or wipe filter clean.
3. Place pump assembly back onto reservoir, and secure with two machine screws assembled in opposite corners of housing. Prime the Pump Unit, refer to Part D in the Preparation section of this document.
4. Run unit for several minutes. Use same method described in section titled “Priming the Pump Unit.”
5. Drain and clean reservoir once more.
6. Refill reservoir with hydraulic fluid (p/n 9637) and replace pump assembly (with gasket) on reservoir and install all screws. Torque screws to 25 to 30 inch pounds (2.8 to 3.4 N•m).
7. Prime the Pump Unit, refer to Part D in the Preparation section of this document.

B. Refilling the Pump Reservoir

1. If additional fluid must be added to reservoir, use only hydraulic fluid (p/n 9637; 215 SSU @ 100° F [38° C]). Clean entire area around filler plug before adding fluid to reservoir. Remove filler plug, and insert a clean funnel with filter. The cylinder must be fully retracted and air supply disconnected when adding fluid to reservoir.

TOP VIEW OF LIFT



SP04513059 TKU 000 00 MANUAL

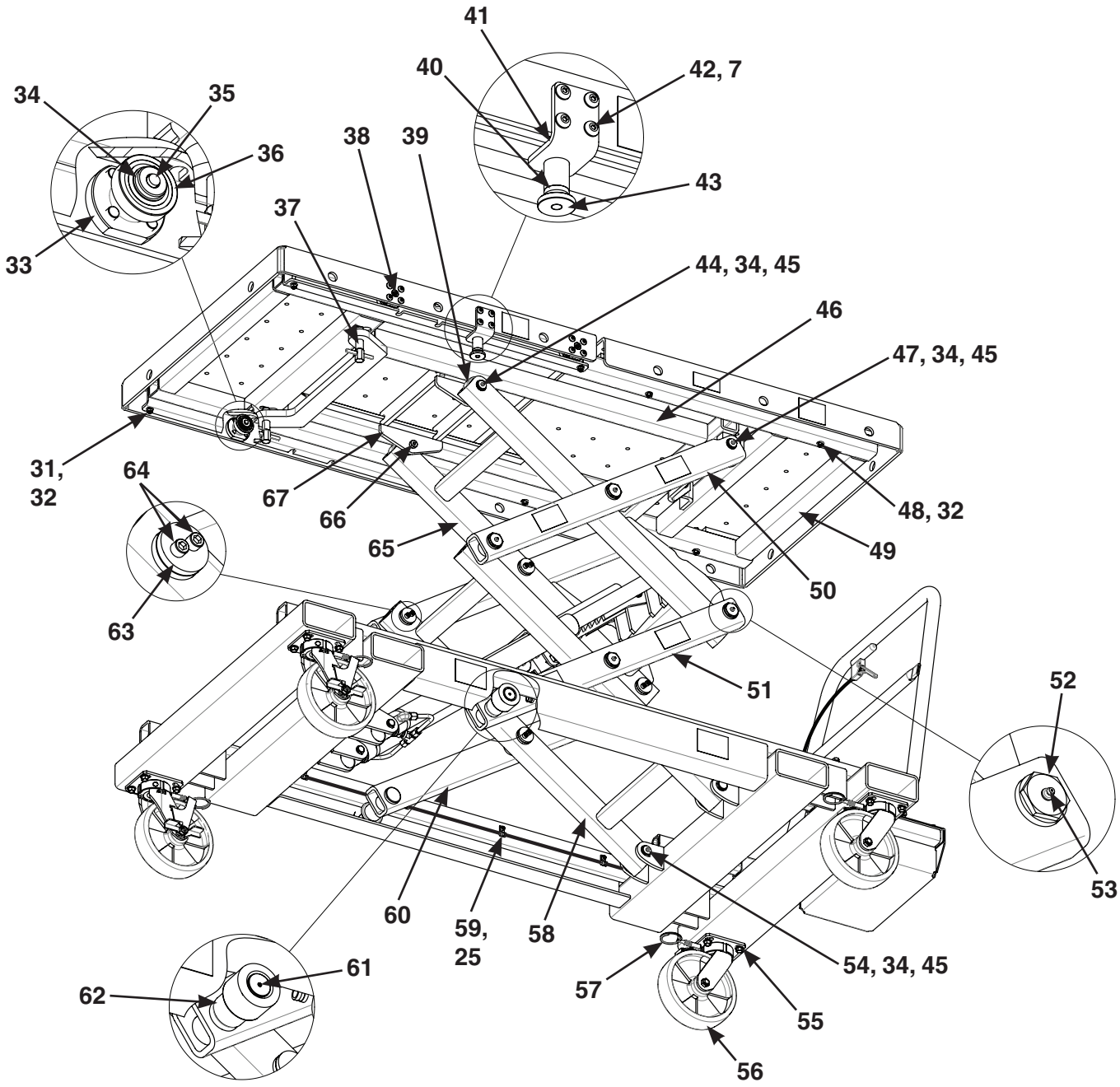
PARTS LIST

Item No.	Part No.	No. Req'd	Description
1	**583402**	1	Extending Table
2	**583404**	1	Fixed Table
3	**583421**	1	Hinge Plate
4	*	1	Wrought Washer
5	*	1	Hex Locknut (5/8-11)
6	*	2	Socket Head Shoulder Screw
7	*	6	Steel Hex Locknut (3/8-16 UNC)
8	*	2	Decal
9	**583432**	4	Table Corner Bumper (2 per parts pack**)
10	**583415**	1	Right Support Arm Assembly
11	**583418**	1	Cable Assembly
12	*	1	Push Handle
13	*	4	Socket Head Cap Screw
14	*	8	Flange Head Bolt (.375)
15	**583401**	1	Air/Hydraulic Pump (1 Gal., 5000 PSI)
16	**583419**	1	Pump Tray
17	*	1	Main Decal
18	*	2	Hex Head Cap Screw (3/8-16 UNC X 2" Full Thread)
20	*	4	Washer (3/8 SAE)
21	*	2	Handle Decal
22	**583414**	1	Left Support Arm Assembly
23	*	2	Decal (Forklift - Arrow Left)
24	*	5	1/2 in. Cushioned GV Steel Clamp
25	*	10	Socket Head Cap Screw (1/4 - 20 X .75)
26	*	8	Warning Decal
27	*	2	Decal (Forklift - Arrow Right)
28	**583400**	1	Long Base Weldment
29	*	2	Decal (Torque Spec.)
30	*	1	Decal (Extending Platform)

* See Replacement Kit List

**Parts packs consist of multiple pieces of the same part number.

UNDERSIDE OF LIFT



SP04513059 TKU 000 00 MANUAL

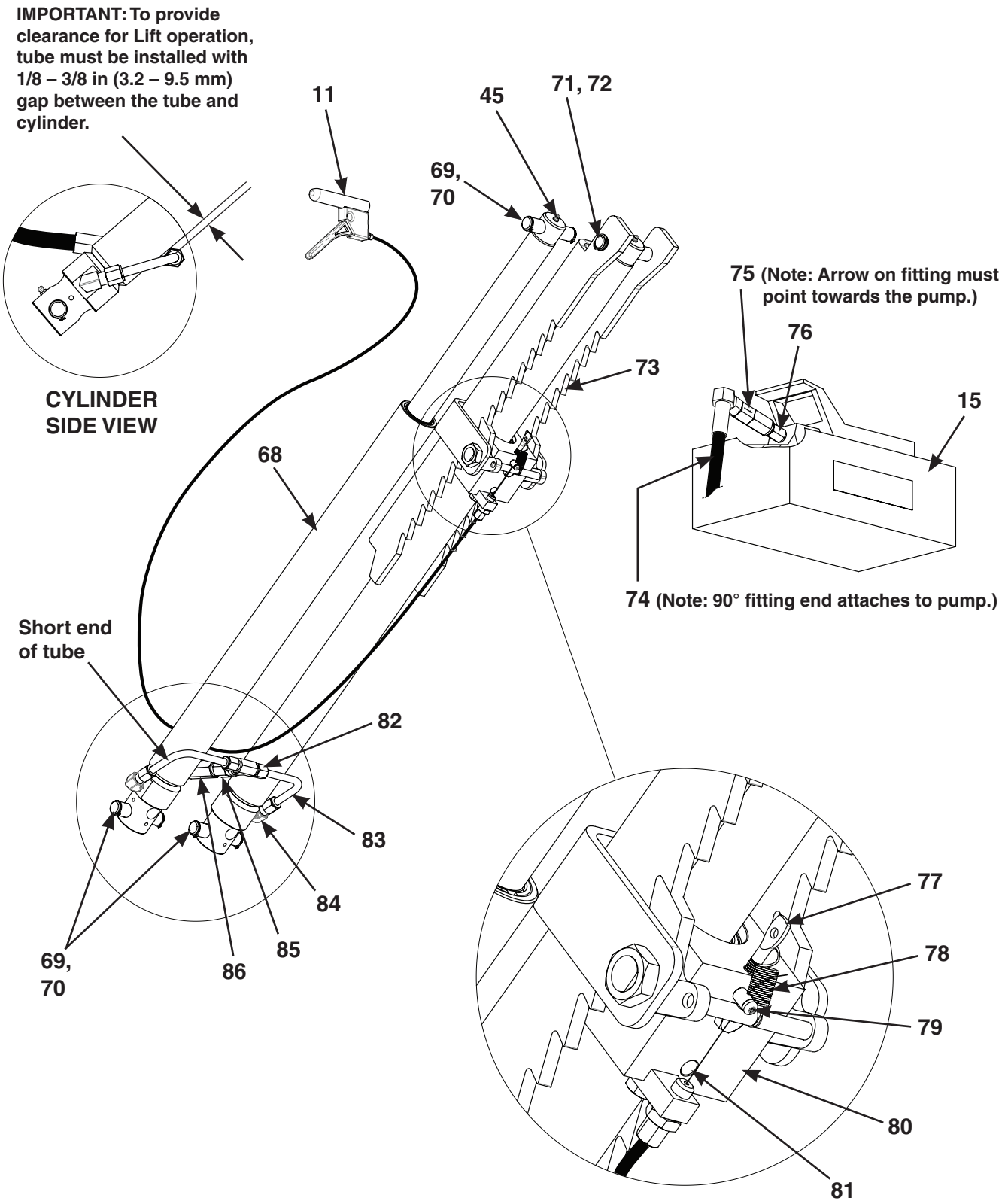
PARTS LIST

Item No.	Part No.	No. Req'd	Description
31	*	4	Hex Head Screw (5/16-18 X 3")
32	*	8	Serrated Hex Head Flange Nut (5/16-18)
33	**583420**	4	Roller Bearing Axle
34	*	16	External Retaining Ring (1 in.)
35	**583438**	4	Bumper Rod (2 per parts pack**)
36	**583435**	4	Bearing (2" X 1" X 5"; 2 per parts pack**)
37	**579553**	2	Forcing Screw Assembly
38	*	4	Set Screw
39	**583431**	2	Upper Roller (2 per parts pack**)
40	**586426**	1	Plunger
41	**583424**	1	Plunger Body Weldment
42	*	20	Button Head Cap Screw (3/8 X 1)
43	**583428**	1	Plunger Knob
44	**583433**	2	Upper Pivot Pin (2 per parts pack**)
45	*	12	Grease Fitting
46	**583407**	1	Table Anchor Weldment
47	**579190**	2	Pivot Pin
48	*	4	Socket Head Screw (313-18)
49	**583405**	1	Table Frame Weldment
50	**583413**	2	Upper Scissor Leg Weldment
51	**583411**	1	Lower Right Scissor Weldment
52	**583422**	8	Scissor Pivot Pin
53	*	8	Grease Fitting
54	**583434**	2	Lower Pivot Pin (2 per parts pack**)
55	*	8	Flange Head Bolt (.375)
56	*	4	Caster Swivel with Base
57	*	4	HD Ring Swivel Lock
58	**583408**	1	Lower Riser Frame Weldment
59	*	5	Cushioned Galvanized Clamp (1/4 in.)
60	**583412**	1	Lower Left Scissor Weldment
61	*	2	Socket Set Screw
62	**583430**	2	Lower Roller (2 per parts pack**)
63	**583436**	8	Pivot Pin Cap (4 per parts pack**)
64	*	16	Socket Head Cap Screw (5/16-18X.7; torque 300 in-lb)
65	**583403**	1	Upper Riser Frame Weldment
66	*	2	Hex Socket Head Shoulder Screw (Torque 300 in-lb)
67	**583417**	1	Table Keeper Weldment

* See Replacement Kit List

**Parts packs consist of multiple pieces of the same part number.

MECHANICAL LATCH AND HYDRAULIC COMPONENTS



SP04513059 TKU 000 00 MANUAL

PARTS LIST

Item No.	Part No.	No. Req'd	Description
68	**583406**	2	Hydraulic Cylinder
69	**583437**	3	Pivot Pin
70	*	6	Retaining Ring
71	**SP04503701**	1	Ratchet Pin
72	*	2	Heavy Duty Retaining Ring
73	**SP04503709**	1	Ratchet
74	**583416**	1	93 in. Hydraulic Hose
75	**583423**	1	0.5 GPM 3/5 NPT Female Valve
76	**13828**	1	Hex Nipple Straight Fitting
77	*	1	Spring Anchor
78	*	1	Spring
79	*	1	Cable Stop (1/16 in.)
80	**583410**	1	Mount Block Assembly
81	*	2	Socket Head Set Screw
82	**583425**	1	Branch Tee
83	**583429**	2	Hydraulic Tube
84	**583427**	2	Elbow
85	*	1	Fitting
86	**564117**	1	Velocity Fuse

* See Replacement Kit List

**Parts packs consist of multiple pieces of the same part number.

REPLACEMENT KIT LIST

583467 Hardware Kit

Item No.	Qty.	Description
4	1	Wrought Washer
5	1	Hex Locknut (5/8-11)
6	2	Socket Head Shoulder Screw
7	6	Steel Hex Locknut (3/8-16 UNC)
14	8	Flange Head Bolt (.375)
18	2	Hex Head Cap Screw (3/8-16 UNC X 2" Full Thread)
20	4	Washer (3/8 SAE)
24	5	1/2 in. Cushioned Steel Clamp
25	10	Socket Head Cap Screw (1/4 - 20 X .75)
31	4	Hex Head Screw (5/16-18 X 3")
32	8	Serrated Hex Head Flange Nut (5/16-18)
34	16	External Retaining Ring (1 in.)
38	4	Set Screw
42	20	Button Head Cap Screw (3/8 X 1)
45	12	Grease Fitting
48	4	Socket Head Screw (313-18)
53	8	Grease Fitting
59	5	Cushioned Galvanized Clamp (1/4 in.)
61	2	Socket Set Screw
64	16	Socket Head Cap Screw (5/16-18X.7)
66	2	Hex Socket Head Shoulder Screw
70	6	Retaining Ring
72	2	Heavy Duty Retaining Ring
77	1	Spring Anchor
78	1	Spring
79	1	Cable Stop (1/16 in.)
81	2	Socket Head Set Screw
85	1	Fitting

583470 Decal Kit

Item No.	Qty.	Description
8	2	Decal
17	1	Main Decal
21	2	Handle Decal
23	2	Decal (Forklift - Arrow Left)
26	8	Warning Decal
27	2	Decal (Forklift - Arrow Right)
29	2	Decal (Torque Spec.)
30	1	Decal (Extending Platform)

583469 Handle Kit

Item No.	Qty.	Description
12	1	Push Handle
13	4	Hex Head Cap Screw (3/8-16 UNC X 2"; Full Thread)

583468 Caster Kit

Item No.	Qty.	Description
55	4	Flange Head Bolt (.375)
56	1	Caster Swivel with Base
57	1	HD Ring Swivel Lock

SP04513059 TKU 000 00 MANUAL

Contact Technical Services at 1-800-533-6127 with any questions.

IMPORTANT PRODUCT INFORMATION

Record serial number and year of manufacture for future reference. See product identification label on unit for information.

Serial Number: _____ **Year of Manufacture:** _____