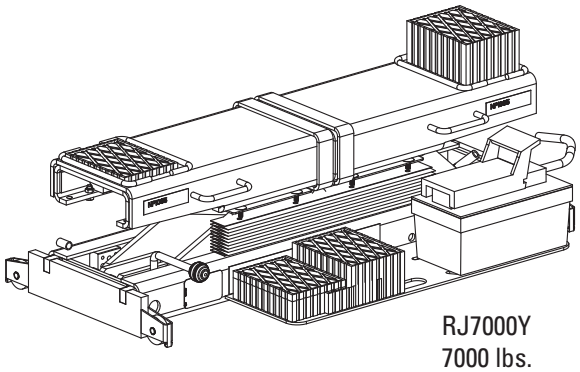
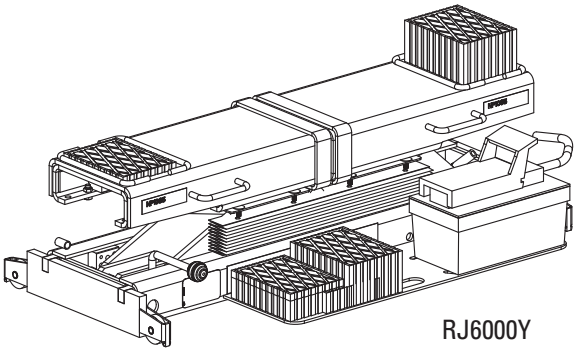
RJ7000Y, RJ6000Y, RJ6000Y-RY

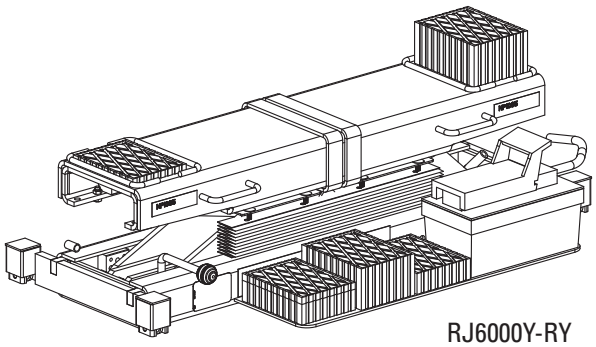
7000 lbs./6000 lbs. Rolling Jack



RJ7000Y
7000 lbs.



RJ6000Y
6000 lbs.



RJ6000Y-RY
6000 lbs.

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INSTALLATION - SAFETY - OPERATION - MAINTENANCE

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/SM01-1, *ALI Lifting it Right* safety manual; ALI/ST-90 *ALI Safety Tips* card; ANSI/ALI ALOIM-2008, *American National Standard for Automotive Lifts-Safety Requirements for Operation, Inspection and Maintenance;* ALI/WL Series, *ALI Uniform Warning Label Decals/Placards*; and in the case of frame engaging lifts, ALI/LP-GUIDE, *Vehicle Lifting Points/Quick Reference Guide for Frame Engaging Lifts.*

- Shall establish procedures to periodically inspect the lift in accordance with the lift manufacturer's instructions or ANSI/ALI ALOIM-2008, *American National Standard for Automotive Lifts-Safety Requirements for Operation, Inspection and Maintenance;* and The Employer Shall ensure that lift inspectors are qualified and that they are adequately trained in the inspection of the lift.

- Shall establish procedures to periodically maintain the lift in accordance with the lift manufacturer's instructions or ANSI/ALI ALOIM-2008, *American National Standard for Automotive Lifts-Safety Requirements for Operation, Inspection and Maintenance*; and The Employer Shall ensure that lift maintenance personnel are qualified and that they are adequately trained in the maintenance of the lift.

- Shall maintain the periodic inspection and maintenance records recommended by the manufacturer or ANSI/ALI ALOIM-2008, *American National Standard for Automotive Lifts-Safety Requirements for Operation, Inspection and Maintenance.*

- Shall display the lift manufacturer's operating instructions; ALI/SM 93-1, *ALI Lifting it Right* safety manual; ALI/ST-90 *ALI Safety Tips* card; ANSI/ALI ALOIM-2008, *American National Standard for Automotive Lifts-Safety Requirements for Operation, Inspection and Maintenance;* and in the case of frame engaging lifts, 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.

- Shall provide necessary lockout/tagout means for energy sources per ANSI Z244.1-1982 (R1993), *Safety Requirements for the Lockout/Tagout of Energy Sources,* before beginning any lift repairs.

- Shall not modify the lift in any manner without the prior written consent of the manufacturer.

INSTALLATION INSTRUCTIONS

1. Place jack on runway tracks at front and rear with air pump, facing ends of runways. Adjust width of rolling jack to fit runway track. Make sure wheels are on the tracks. Center rolling jack between runways.

2. Install male quick-disconnect coupling in air pump to match shop fittings if required. Install filter/regulator/lubricator, set to 100-120 psi and one drop of oil per minute. Capacity/serial no./model no. of rolling jack is stated on the nameplate.

Note: The bridge will consume 20cfm of air.

DO NOT OVERLOAD JACK.

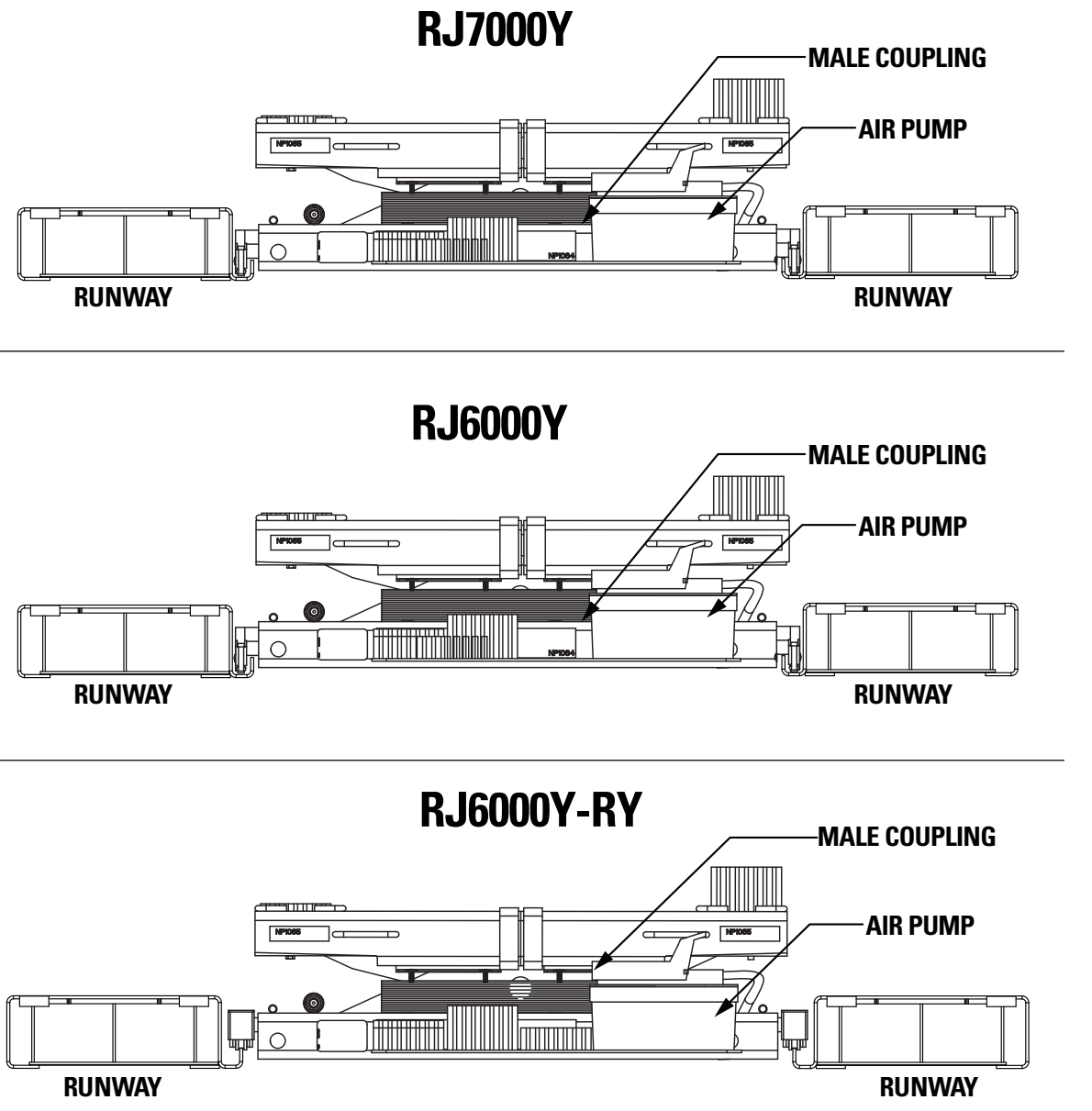


Fig. 1

General Description

The rolling jack assembly shall be an air operated, scissors style rolling jack assembly capable of lifting the wheels free of the runways for brake, suspension and tire service.

Description of installed equipment:

A. Depending on model, the lifting capacity of the rolling jack shall be 7000 lbs. (3175 kg), 6000 lbs. (2721 kg) (when supplied with 100 psi (6.9 bar) minimum, 120 psi (8.3 bar) maximum regulated air at 20 CFM (0.57 m3/min.)

B. RJ7000Y: The rail engaging wheels shall be adjustable for an inside runway width of 36 1/2" (926 mm) minimum to a 45 3/4" (1162 mm) maximum Fig. 2.

C. RJ6000Y: The rail engaging wheels shall be adjustable for an inside runway width of 36 1/2" (926 mm) minimum to a 45 3/4" (1162 mm) maximum Fig. 3.

D. RJ6000Y-RY: The rail engaging wheels shall be adjustable for an inside runway width of 36 1/2" (926 mm) minimum to a 49 3/4" (1266 mm) maximum Fig. 4.

E. The rolling jack shall be equipped with two (2) different sized rubber pads 1 1/2" and 3".

F. The jack shall be equipped with a locking latch assembly that will lock at full-rise and that is released by actuating the lock handle.

G. The scissor mechanism shall be covered by an accordion style rubber shield.

H. The rolling jack shall be moveable on four (4) heavy duty urethane compression wheels. Actual vehicle load to be transferred to jack end section load bars engaging the roller track assembly.

***Specifications are subject to change without notice.**

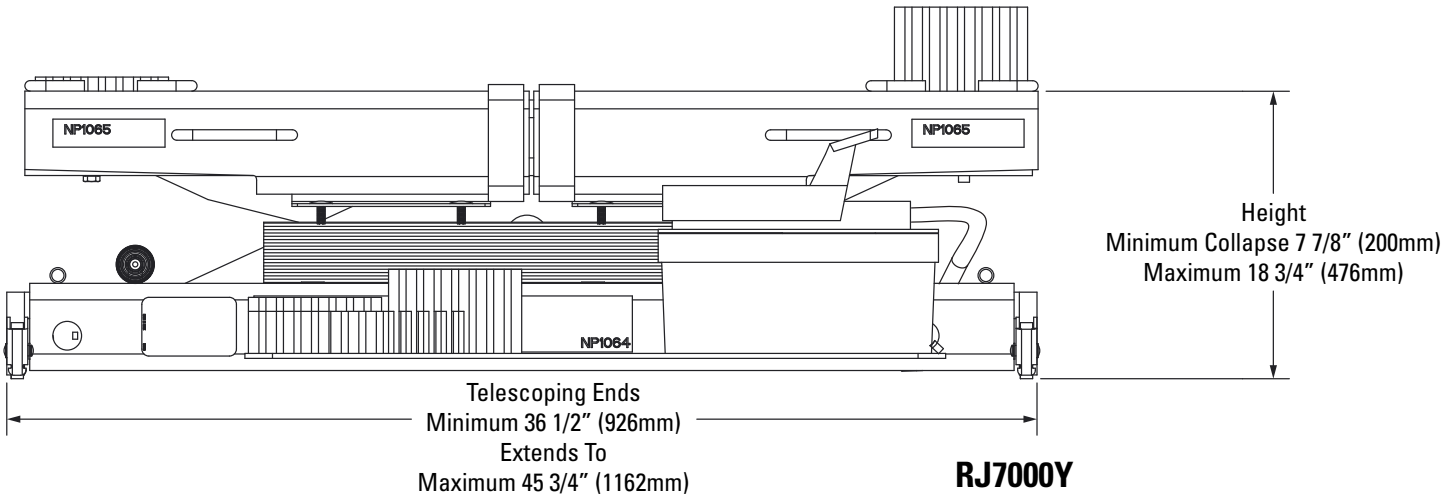


Fig. 2

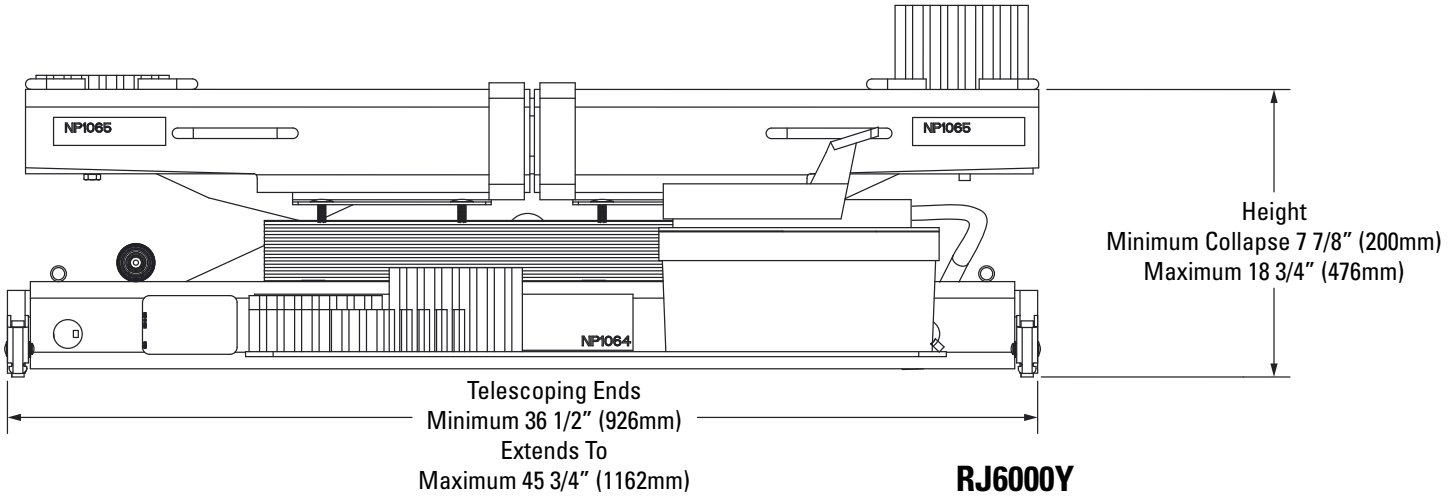
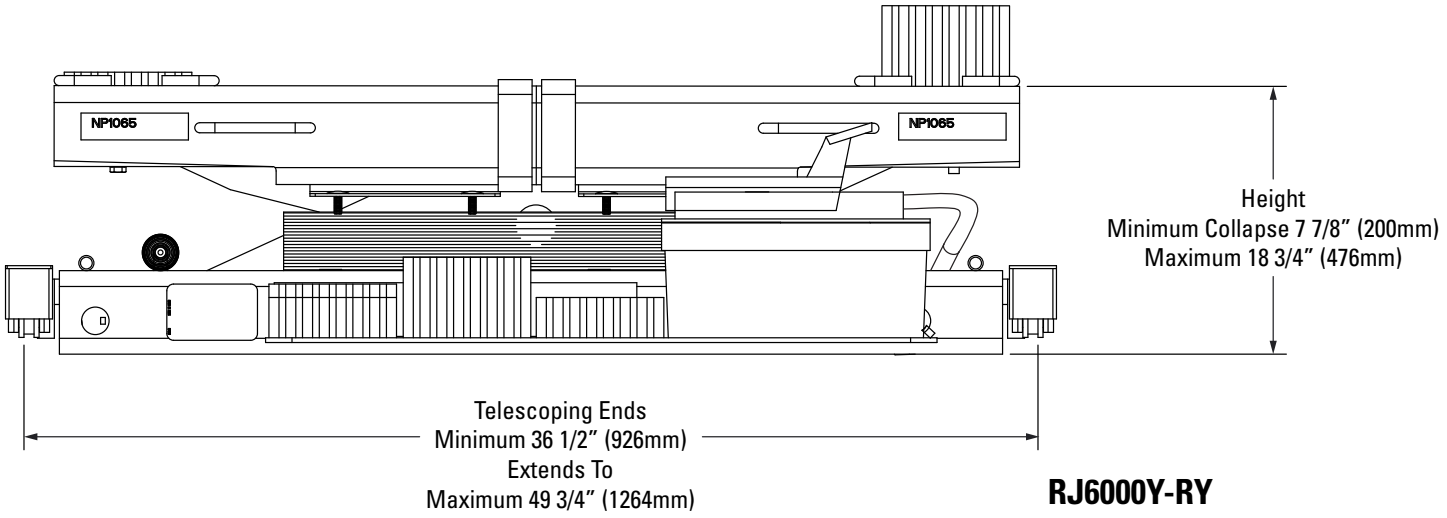

NP1065
NP1065
NP1064
Height
Minimum Collapse 7 7/8" (200mm)
Maximum 18 3/4" (476mm)
Telescoping Ends
Minimum 36 1/2" (926mm)
Extends To
Maximum 45 3/4" (1162mm)
RJ6000Y

Fig. 3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Minimum 36 1/2" (926mm)
Extends To
Maximum 49 3/4" (1264mm)
RJ6000Y-RY

Fig. 4

SAFETY INSTRUCTIONS

- Never allow unauthorized or untrained persons to operate rolling jack.
- Thoroughly train all employees in the use and care of rolling jack.
- Never overload rolling jack. Capacity of rolling jack is stated on the nameplate. Capacity should not be exceeded.
- Observe and avoid any pinch point areas of the linkage mechanism.

OPERATING INSTRUCTIONS

⚠WARNING To avoid personal injury and/or property damage, permit only trained personnel to operate jack. After reviewing these instructions, get familiar with jack controls by running the jack through a few cycles before loading vehicle on jack.

Observe and avoid any pinch point areas of the linkage mechanism.

1. Before loading a vehicle onto lift, ensure jack(s) are fully lowered. Make sure the adapters are in their most inbound and lowest position. Also ensure rear jack is toward the center of the lift.

   ⚠CAUTION Move rear jack toward center of runways of maximum vehicle clearance when loading and unloading vehicles.

   ⚠CAUTION Always fully lower jack(s) to prevent damage to the vehicle of lift.

2. After vehicle has been loaded, chock tires on the opposite side in which the rolling jack is to be used. If two rolling jacks are to be used, chock the tires on the opposite side of the rolling jack to be raised first.

   ⚠WARNING Engage runway locks before raising vehicle on jacks! **DO NOT** operate lift while jacks are engaged with a vehicle!

3. Place jack under vehicle at manufacturer's recommended pick-up points. Pull out the arms to the proper pick-up points. Take up clearance with rubber blocks.

   Note: The rubber blocks can be stacked up 2 high.

   ⚠WARNING Do not stack rubber blocks more than 2 high. Never set adapter blocks on edge. Load evenly do not place weight on one side of the jack.

   ⚠CAUTION Allow 12" minimum clearance between vehicle and nearest overhead obstruction before raising vehicle above runways. Failure to comply could damage vehicle and/or cause personal injury.

4. **To Raise Rolling Jack:** Connect the air supply. Depress the pump lever and hold until the jack is raised to the desired lock position. Lift the pump lever to lower onto the locking latches.

5. **To Lower Rolling Jack:** Depress the pump lever to raise rolling jack off of the locking latches. Lift and hold latch release lever. Lift the pump lever until the jack lowers completely.

   ⚠CAUTION Always fully lower jack to prevent damage to the vehicle or lift.

Note: The Latch release handle is gravity return to "reset" and the lowering valve handle is spring return to "close" when released. Both must be held open during the lowering cycle. DO NOT override these "deadman" features.

4. Be sure the jack is fully lowered, the adapters are in their lowest position, and bridge(s) are pushed towards front of lift before driving the vehicle off the lift.

MAINTENANCE INSTRUCTIONS

⚠WARNING If you are not completely familiar with automotive lift maintenance procedures STOP: Contact factory for instructions.

TO AVOID PERSONAL INJURY, permit only qualified personnel to perform maintenance on this equipment.

- Daily: Inspect rolling jack adapters for damage or excessive wear. Replace as required with original parts.
- Daily: Inspect air/hydraulic system for leaks.
- Daily: Inspect for loose bolts, broken/damaged components.
- Daily: Inspect linkage curtain guard for damage, wear and tear. Replace as required with original parts.
- Monthly: Inspect the roller assemblies.
- Semi-Annually: Check fluid level in hydraulic reservoir.

Fluid Level Checking Procedure:

1. Completely lower rolling jack.
2. Disconnect air supply.
3. Wipe reservoir clean to prevent contamination of fluid.
4. Remove fill plug and check fluid level. Fill as required to bottom of fill hole with AW32 hydraulic fluid. Take care to prevent contamination during filling operation.
5. Reinstall plug hand tight only.

Note: Repair/Replace as required with original equipment parts.

TROUBLE SHOOTING

Trouble	Cause	Remedy
Pump will not start when air switch is depressed, or pump starts but stalls under load.	1. Insufficient air supply at pump. 2. Leak in air supply line. 3. Restriction in air line (ie. kinks or plugs). 4. Plugged air filter. 5. Bad air motor.	1. Pump requires 100-120 psi of air @ 20 CFM to run. 2. Locate and correct leakage. 3 Locate and correct restriction. 4. Remove and install a new filter. 5. Repair or replace air motor.
Pump runs but lift will not raise after contacting load.	1. Lift loaded beyond capacity. 2. External fluid leak at pump, hose or cylinder . 3. Internal leakage. 4. Release mechanism damaged or parts missing. 5. Wrong pump installed on lift. 6. Pump low on fluid. 7. Fluid blowing out rear cover of air motor. 8. Pump malfunctioning.	1. Use lift only to rated capacity. 2. Repair leak, refill reservoir.* 3. Have pump serviced by an authorized service center. 4. Replace damaged or missing parts. 5. Verify pressure rating of pumps meets pressure requirements of lift. 6. Lower lift and check fluid level. Fill with AW32 hydraulic fluid. Locate and correct leak.* 7. Pump piston seal leaking, have pump serviced by an authorized service center. 8. Have pump serviced by an authorized service center.
Pump runs but lift will not raise to full height.	1. Pump low on fluid.	1. Lower lift and check fluid level. Fill with AW32 hydraulic fluid. Locate and correct leak.*
Lift drifts down - will not hold.	1. Release mechanism damaged or parts missing. 2. External leakage. 3. Internal leakage.	1. Replace damaged or missing parts. 2. Locate leak and repair. Refill reservoir.* 3. Have pump serviced by an authorized service center.

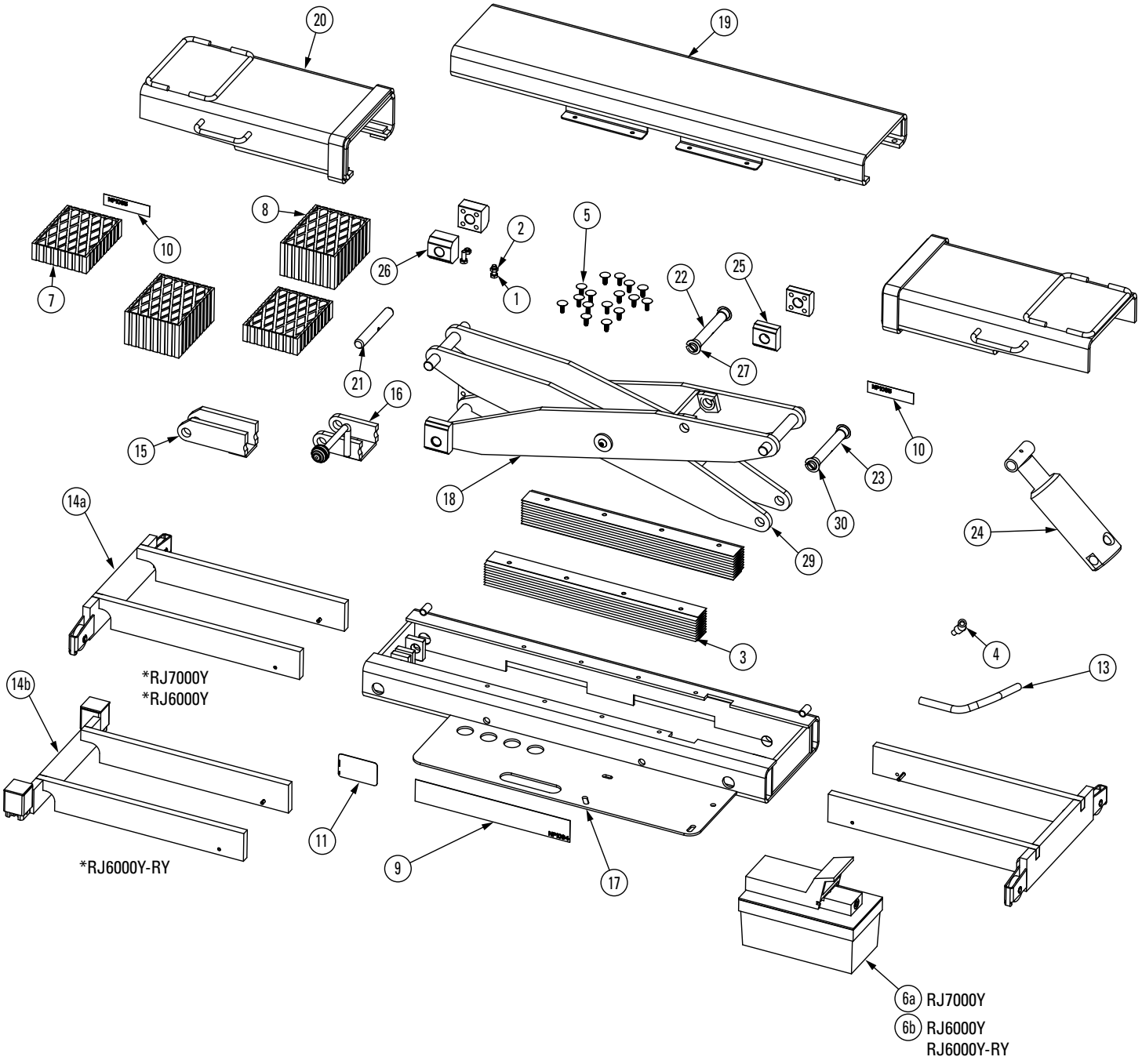
⚠CAUTION * - Do not overfill reservoir. Lift must be completely lowered prior to adding fluid.

TROUBLE SHOOTING continued

Trouble	Cause	Remedy
Lift lowers slow or not at all.	1. Lift locking latch not released.	1. Release locking latch.
	2. Release mechanism damaged or parts missing.	2. Replace damaged or missing parts.
	3. Return flow of fluid restricted or blocked.	3. Eliminate blockage. **⚠WARNING** If rolling jack is in the raised position, be sure to activate the mechanical locking device prior to attempting to service the unit. Failure to do so may cause lift to drop out of control.
	4. Internal return flow restrictor is plugged.	4. Have pump repaired by an authorized service center.

Parts Breakdown

ITEM	QTY	PART NO.	DESCRIPTION
1	2	41462	M8x1.25 x 20mm Lg. HHCS
2	2	41563	M8x1.25 HEX NYLON INSERT LOCKNUT
3	2	FC5144-1Y	BELLOWS
4	1	FC5185-45	45 DEGREE ELBOW
5	16	FC5185-69	PINETREE RETAINER
6a	1	FC5972	RJ7000Y ROLLING BRIDGE PUMP 280-300 BAR
6b	1	FC5972-1	RJ6000Y, RJ6000Y-RY ROLLING BRIDGE PUMP 239-259 BAR
7	2	FJ2427Y	1-1/2 SPACER BLOCK
8	2	FJ2428Y	3 SPACER BLOCK
9	1	NP1064	NAMEPLATE, ROLLING BRIDGE
10	2	NP1065	LABEL RETRACT ADAPTERS
11	1	NP909	LIFT NAMEPLATE
12	1	RJ7000-9801-1	HOSE NOT SHOWN
13	1	RJ7000-9802-1	HOSE
14a	2	SB300083Y	RJ7000Y, RJ6000Y TELESCOPING & ELASTIC CYL PIN ASSY
14b	2	FC5979Y	RJ6000Y-RY TELESCOPING END ASSY
15	1	SB300061Y	LONG DOG WELDMENT
16	1	SB300066Y	SHORT DOG WELDMENT
17	1	SB300077Y	BOTTOM CHANNEL WELDMENT
18	1	SB300080Y	OUTER LINK WELD ASSEMBLY
19	1	SB300069Y	TOP CHANNEL WELD
20	2	SB300068Y	SLIDING ADAPTER WELD
21	1	SB500080Y	PIN
22	1	SB500083Y	UPPER CYLINDER SHAFT
23	1	SB500084Y	LOWER CYLINDER SHAFT
24	1	SB700027Y	CYLINDER
25	2	SB700030Y	TOP SLIDER
26	2	SB700031Y	SLIDER
27	2	SB700059Y	SLEEVE BEARING
28	NA	NA	NA
29	1	SB300079Y	INNER LINK WELD ASSEMBLY
30	1	SB700057Y	SLEEVE BEARING
31	2	B25-M10-20	M10 x 1.5 x 20mm BOLT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4
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*RJ7000Y
*RJ6000Y
14b
11
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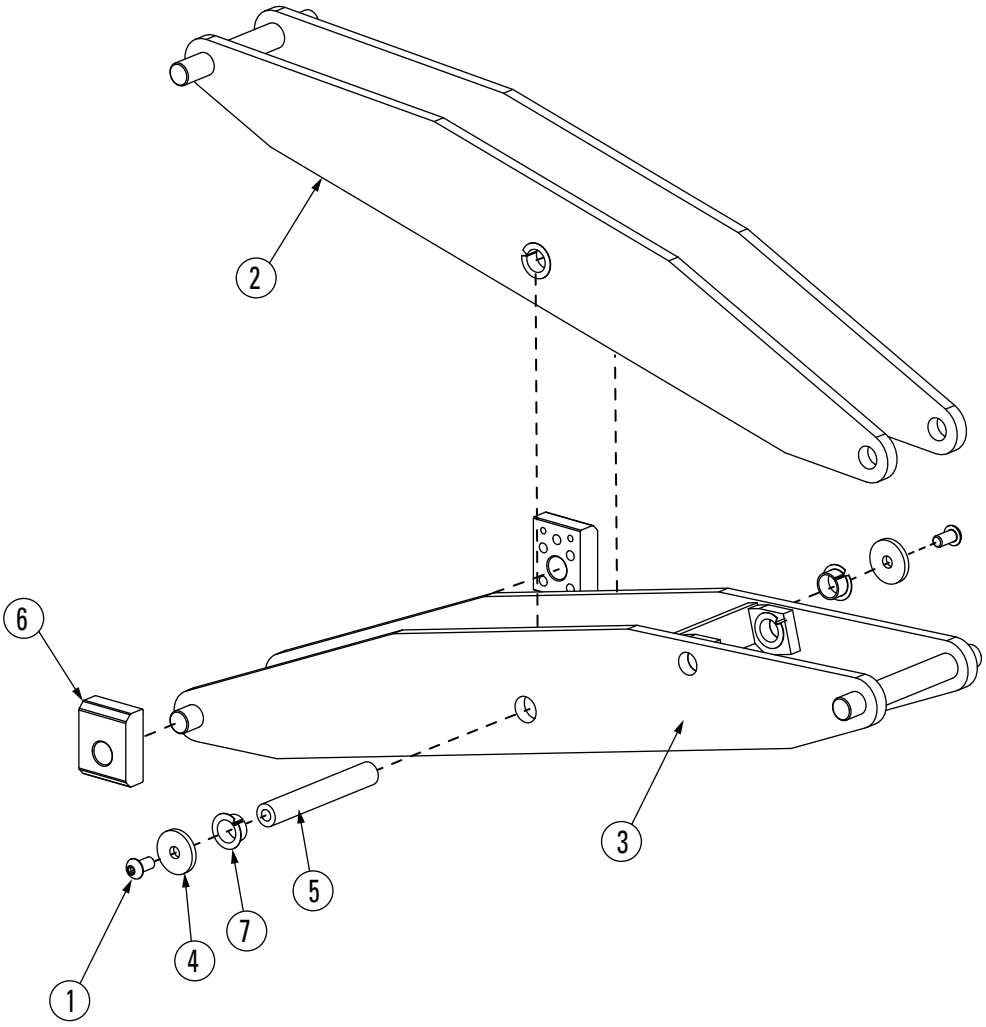
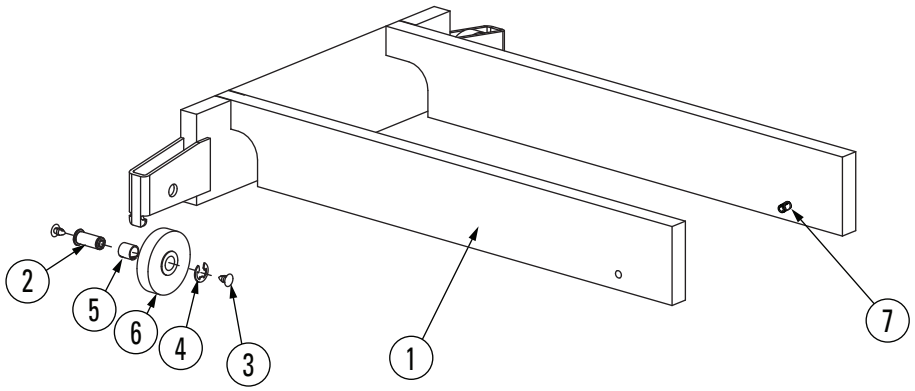
17
*RJ6000Y-RY
6a RJ7000Y
6b RJ6000Y
RJ6000Y-RY

Link Assembly Detail



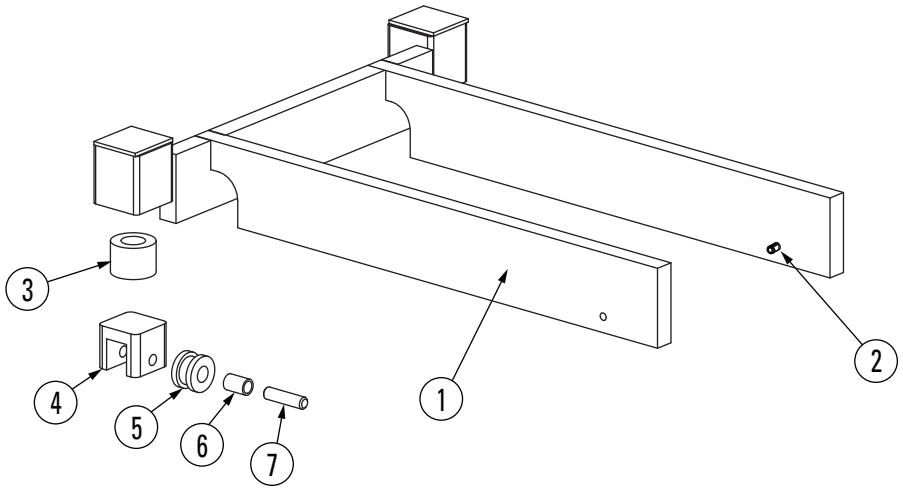
ITEM	QTY	PART NO.	DESCRIPTION
1	2	B25-M10-20	M10 x 1.5 x 20mm HEX SOC BHCS
2	1	SB300079Y	ROLLING JACK INNER LINK WELD ASSEMBLY
3	1	SB300080Y	RJ7000Y OUTER LINK WELDMENT ASSEMBLY
4	2	SB5000127Y-2	WASHER
5	1	SB500127Y-1	RJ9000Y PIN
6	2	SB700036Y	NARROW TALL SLIDER
7	4	SB700059Y	SLEAVE BEARING

SB300083Y



ITEM	QTY	PART NO.	DESCRIPTION
1	1	SB300082Y	TELESCOPING END
2	2	AJ6501	SHAFT
3	4	SB700001Y	BUMPER
4	2	SB700002Y	WHEEL CLIP
5	2	SB700003Y	WHEEL BEARING
6	2	SB700005Y	URETHANE WHEEL
7	2	SB700060Y	6mm DIA. x 1" Lg. ROLL PIN

FC5979Y



ITEM	QTY	PART NO.	DESCRIPTION
1	1	FC5979-1Y	TELESCOPING END WHEEL WELD
2	2	SB700060Y	6mm DIA. x 1" Lg. ROLL PIN
3	2	FC5960-4Y	TELESCOPING END SPRING
4	4	FC5895-7Y	AXLE SUPPORT
5	2	FC5895-9Y	ROLLER
6	2	SS1216-12	SYMMCO BRONZE BEARING
7	2	FC5895-10Y	AXLE

NOTES

NOTES

Installer: Please return this booklet to literature package, and give to lift owner/ operator.

Thank You

Trained Operators and Regular Maintenance Ensures Satisfactory Performance of Your Rotary Lift.

Contact Your Nearest Authorized Rotary Parts Distributor for Genuine Rotary Replacement Parts. See Literature Package for Parts Breakdown.