

## SYMMETRIC LIFTS *WIDER DRIVE THRU FOR TRUCKS AND VANS*

**NEW SUPER DUTY SYMMETRIC LIFTS WITH GREATER LIFTING CAPACITIES AND PATENTED TRIO™ ARMS!**

### SPO20-SW 20,000 LBS. CAPACITY

#### VERSATILE SUPER LIFT

*The industry's standard 20,000 lbs. heavy-duty two post lift is now the world's fastest!*



Model shown: SPO20U0T0RD  
20,000 lbs. capacity SHOCKWAVE-equipped lift

**LOW CEILING  
MODEL AVAILABLE**

### SPO16

16,000 LBS. CAPACITY

#### SERVICE FLEET LINES and MORE

*Setting the mark for  
reliability and quality  
in heavy duty lifts.*



**Available  
with SHOCKWAVE™**



Model shown: SPO16N0T0BL  
16,000 lbs. capacity 2-post lift

**LOW CEILING MODEL AVAILABLE**



**PICK UP A GREATER VARIETY OF VEHICLES FASTER AND EASIER ALL ON ONE HEAVY DUTY 2-POST LIFT.\***

*Packed with industry leading features, Rotary's new SPO Series lifts combine high capacity, a low profile stance, wider options and extreme arm reach possibilities with patented lifting speed!*

#### SHOP VERSATILITY

*From Class 1 to Class 5 vehicles, low profile TRIO™ arms maximize lifting capabilities as never before.\**

**Service your entire fleet on a single lift!**

#### SPO16 / 20 LIFT FEATURES

**NEW low profile TRIO™ 2-piece, three-stage arms** with stackable thread up adapters make contact to the vehicle faster and easier than before.

#### Multiple lift height options:

Standard: 15' to 16' 6" / Low ceiling: 13' 6" to 14' 6"

#### Three column width options from 12' 11" to 13' 11"

- Air operated single point lock release
- Available with SHOCKWAVE™
- 20 second lowering time - at any lift load
- Rise height of over 80"
- Locking system engages every 4"
- Original "Double S" column design
- Four (4) 5" adapter extensions and two (2) 10" extensions for added lifting height and reach
- ALI Gold Certified

### SPO16 CARGO

16,000 LBS. CAPACITY

**All the features and options of the high capacity SPO16 with an arm configuration designed to service longer van wheelbases.**

Standard, heavy-duty 3-stage arms with a greater spotting range allowing techs to reach specific vehicle pickup points.



**Maximum reach: 74 13/16"**

**Minimum reach: 36 13/16"**

**\*NOTE:** Level bay floors provide the best underbody clearance needed to accommodate the broadest range of vehicles to spot and lift. Wide setting installations create the best tire clearance on shorter wheelbases. Vehicle axle weight MUST NOT EXCEED one half of total lift capability. Maximum arm load is 1/4 of lift rated capacity. SPO16/20 lifts are designed for most class 4 and 5 vehicles. Some vehicles within each class may exceed arm capacity but not the lift capacity. Please consult vehicle axle information and lift manual for more information.

# LIFT SPECIFICATIONS / 16,000 lbs. to 20,000 lbs. CAPACITIES

## SPO SERIES LIFTS FEATURE THREAD-UP ADAPTERS FOR EASY VEHICLE CONTACT

Adjustable adapters with clip-on rubber pads come standard with ultra-strong 10" (2 each) and 5" (4 each) stackable adapter extensions.



**Minimum Adapter Height:** 5 31/32" (152mm)



**Maximum Adapter Height:** 8 1/32" (203mm)



**5" Low Step Height:** 10 31/32" to 13 1/32" (278-344mm)



**10" High Step Height:** 15 31/32" to 18 1/32" (406-470mm)

## CLIP ON ADAPTER PADS



Rubber padded adapter clips provide lifting option for spotting unibody passenger cars. Set of four (4) standard.

## OPTIONAL ROUND ADAPTERS FOR UNIBODY VEHICLES



Round rubber adapters provide 3/8" lower profile for pinch weld lifting.

### LIFTING CAPACITY:

11,000 lbs. (4989kg) / 2,750 lbs. per arm (1247kg)

#FJ71015-1KIT for SP016 / #FJ71016-1KIT for SP020

Available with  
**SHOCKWAVE™**



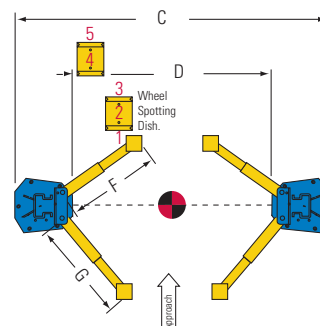
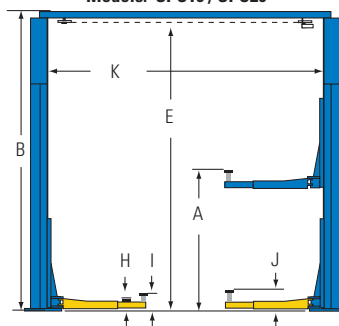
Model:

**SP016**  
TRIO 3-STAGE Arms  
Truck Adapters

**SP020**  
TRIO 3-STAGE Arms  
Truck Adapters

SHOCKWAVE Models	SP016 -SW	SP020 -SW
Lifting Capacity	16,000 lbs. (7257kg)	20,000 lbs. (9072kg)
Max. Load (per arm)	4,000 lbs. (1814kg)	5,000 lbs. (2268kg)
Rise*		
A. Min.Truck Adapter Height	77 31/32" (1979mm)	77 31/32" (1979mm)
Max.Truck Adapter Height	80 1/32" (2035mm)	80 1/32" (2035mm)
Height Overall:		
B. Standard Adjustments	15' to 16' 6" (4572-5029mm)	15' to 16' 6" (4572-5029mm)
Low Ceiling (LC)	13' 6" to 14' 6" (4115-4420mm)	13' 6" to 14' 6" (4115-4420mm)
Width Overall (outside to outside of base plates)		
C. Narrow	12' 11" (3937mm)	12' 11" (3937mm)
Standard	13' 5" (4089mm)	13' 5" (4089mm)
Wide	13' 11" (4242mm)	13' 11" (4242mm)
<b>Wide width setting provides greatest tire clearance for shorter wheelbases</b>		
Narrow Drive-Thru Clearance	105 11/32" (2677mm)	105 11/32" (2677mm)
D. Standard Drive-Thru Clearance	111 11/32" (2829mm)	111 11/32" (2829mm)
Wide Drive-Thru Clearance	117 11/32" (2981mm)	117 11/32" (2981mm)
E. Floor To Overhead Switch	15' 10 13/16" (4851mm)	15' 10 13/16" (4851mm)
F. Reach / Front Arm Min./Max.	34 11/16" (881mm) / 64" (1626mm)	34 11/16" (881mm) / 64" (1626mm)
G. Reach / Rear Arm Min./Max.	34 11/16" (881mm) / 64" (1626mm)	34 11/16" (881mm) / 64" (1626mm)
H. Min./Max. Truck Adapter Height	5 31/32" to 8 1/32" (152-203mm)	5 31/32" to 8 1/32" (152-203mm)
I. Min./Max. Low Step Height	10 31/32" to 13 1/32" (278-344mm)	10 31/32" to 13 1/32" (278-344mm)
J. Min./Max. High Step Height	15 31/32" to 18 1/32" (406-470mm)	15 31/32" to 18 1/32" (406-470mm)
Inside Columns		
K. Narrow	120 15/32" (3061mm)	120 15/32" (3061mm)
Standard	126 15/32" (3213mm)	126 15/32" (3213mm)
Wide	132 15/32" (3366mm)	132 15/32" (3366mm)
Motor / Voltage**	4 HP / 208v-230v	4 HP / 208v-230v
<b>With SHOCKWAVE</b>	<b>5 HP / 110v</b>	<b>5 HP / 110v</b>
Time of Full Rise	81 seconds at full capacity	81 seconds at full capacity
<b>With SHOCKWAVE***</b>	<b>60 seconds at full capacity</b> <b>36 seconds at half capacity</b>	<b>60 seconds at full capacity</b> <b>36 seconds at half capacity</b>
Time of Descent	<b>20 seconds for all vehicle weights</b>	
Ceiling Height Required:		
Standard	15' 2" to 16' 8" (4576-5080mm)	15' 2" to 16' 8" (4576-5080mm)
Low Ceiling (LC)	13' 8" to 14' 8" (4166-4470mm)	13' 8" to 14' 8" (4166-4470mm)
Min. Bay Size	15' x 30' (4572 x 9144mm)	15' x 30' (4572 x 9144mm)
Total Product Weight	3,500 lbs.	3,500 lbs.

Models: SP016 / SP020



\* Rise is measured from floor to adapter in lowest and highest position

\*\* Optional DC SHOCKWAVE battery power available

\*\*\* Actual rise times may vary depending on weight of the vehicle

Standard color of lifts are blue and red unless otherwise noted. Gray and black are available at no additional charge. Additional colors are available, consult your Rotary® representative for details.

RAL5005 RAL3002 RAL7040 RAL9005





# OPTIONAL LIFT ACCESSORIES

*Increase bay productivity with these two-post lift accessories*

## FA Flip-Up Adapter for 3-Stage TRIO™ Arms

Standard three-position flip-up adapter is perfect for quick positioning on a variety of pick-up points.



**KIT #T100274** for 10,000 lbs. (4536kg) capacity lifts

## RA Adapter for 3-Stage TRIO™ Arms

**KIT #T100272** Set of four (4) FJ6219 polymer pad round adapters. 10,000 lbs. (4536kg) capacity adapters thread-up to allow protection of the vehicle underbody components or undercoating for no metal to metal contact. For use when lifting uni-body construction vehicles. Also available for use with stackable inserts.



**#FJ6219**

## RA Adapter for Conventional 3-Stage Arms

Set of four (4) FJ6202 polymer pad round adapters. **KIT #FJ6225** for 10,000 lbs. (4536kg) capacity lifts

## TA Thread-Up Adapter for 3-Stage TRIO™ Arms

Auxiliary adjustable thread-up truck adapter adapter with rubber pads allow for protection of underbody vehicle components or undercoating. For raising certain vans or pickups. Also available for use with stackable inserts.



**#T110564**

**KIT #T100273** includes (4) T110564 adapters

Required use when lifting trucks and other frame vehicles. For 10,000 lbs. (4536kg) capacity lifts

## TA Thread-Up for Conventional 3-Stage Arms

Auxiliary adjustable thread-up adapter with rubber pads.

**KIT #FJ6197** includes (4) FJ6214 adapters for 10,000 lbs. (4536kg) capacity lifts

## Adapter Extensions

Provides additional lifting height when vehicles require additional clearance or use on front or rear to level vehicle on lift. Includes four 3 1/2" (89mm) and four 5" (127mm) adapter extensions, mounting rack and hardware.

**Adapter kit #T100271** fits **TRIO** models **SPOA10 RA / TA**

**Adapter kit #FJ7880BK** fits models **SPO10 RA / TA** and **SPO12TA**



## Auxiliary Adapters

Auxiliary adapters for use when raising certain vans or pickups. Includes four adapters, mounting rack and hardware.

- 2,500 lbs. (1134kg) capacity per adapter
- Adds 14 3/8" to 17 3/8" of additional overall adapter height (365 - 441mm)



**#FJ6115BK**

Adds 9 3/8" (238mm) of height - includes (4) 14 3/8" / 365mm adapters

**#FJ6212KITYL - shorter version**

Adds 7 3/8" (187mm) of height - includes 4 adapters

**#FJ6195YL**

Adds 12 3/8" (314mm) of height - includes 2 adapters

## Specialty Adapters for GM Pickup Trucks

### Extended Height Adapter Kits



**#FJ6259** Flip Up Adapter Extensions for lifting 2019 Chevrolet Silverado / GMC Sierra 1500 trucks. The kit includes (2) wide front adapters, (2) standard width rear adapters to keep the vehicle level. Includes four extensions for any lift with flip up adapters.

- Capacity 2,500 lbs. (1134kg) maximum per adapter
- Maximum overall height: 9 11/32" (237mm)

### Drop-In Adapter / Standard Arms / TRIO Arms

Truck frame engaging adapter kits for lifting 2019 Chevrolet Silverado / GMC Sierra 1500 trucks.

- Capacity 3,000 lbs. (1134kg) maximum per adapter
- Maximum width: 7" (178mm)

### #FJ6258

**Set of two for standard 2 or 3 stage arms.**

These adapters are wider to fit the wider frame of the vehicle. You'll replace the front two adapters on the lift and continue to use the current truck adapters on the rear arm.

### #FJ6257

**Set of two specifically designed for TRIO arms.**



## Polymer Pad Adapter Kits

Polymer pad adapters for use with new car undercoating. Includes four adapters, mounting rack and hardware.

- 2,500 lbs. (1134kg) capacity per adapter
- Rubber contact surface protects undercoated surfaces



**#FJ6138BK**

(Adds 1 1/2" / 12mm)

**#FJ6190YL**

(Adds 1" / 25mm)

**#FJ6139BK**

(Adds 2 1/2" / 63mm)

## Adapters and Organizer Rack

Accommodate more vehicles quickly and easily with more adapters plus keep them organized.

- Four FJ696, four FJ697 and four FJ698 adapters
- Two piece column or wall-mounted adapter organizer rack (FJ6108)

Also available in different configurations.

**CONSULT FACTORY FOR OPTIONS**



**#FJ6100BK**

## Air / Utility Box

Mounts easily on any column and provides quick access to utilities. Includes two 110v electric outlets and air connection. The filter/regulator/lubricator helps extend the life of your air tools.

**#FA5911BK**



## Tool Holder

Patented tool holder keeps air guns, torque sticks, and other tools within easy reach. Mounts easily into pre-drilled and tapped holes in the two-post column.



**#FA5191EBK**

## Extended Height Kits

Raise the overhead clearance on 10,000 and 12,000 lbs. capacity two-post lifts to service more vehicles at a comfortable working height. Kit includes column extensions and hardware.

**CONSULT FACTORY FOR OPTIONS**



## Jack Stands / 4,000 lbs. CAPACITY

The lift certified RS4 jack stand provides added assurance of vehicle lift safety.

Maximum height: 84" (2133mm)

Minimum height: 55 1/2" (1410mm)

Fine thread-up height:

1 5/8" to 7 1/8" (41mm to 181mm)



**#RS4**

## MW-200 Tire Lift

200 lbs. capacity air operated tire and wheel lift. Provides maneuverability and adjustable lifting and lowering speeds.

- Quick transfers to tire balancers
- Easy positioning of the tire / wheel
- Includes air hose and auxiliary air tool connection



**#MW-200**

## #MW-500

500 lbs. capacity model available

## Wheel Wing™ Tire Arm

Handy for tire rotations and brake jobs, the 100 lbs. capacity Wheel Wing tire arm mounts easily on any column arm and holds a tire at lift arm height. Folds away when not in use.

- Adjustable to fit various lift arms
- Includes set of 2 arms, 2 magnetic lug nut dishes, shims



**#FA5974**

## Door Defender™

Solid rubber guard designed to fit over the two-post lift carriage. Enter and exit the vehicle without vehicle damage. Includes one (1) padded defender, and adhesive.

**#N823**



## Column Base Plate Cover

Designed to cover the base plates on popular two-post lift models keeping mounting hardware hidden, safely enclosed and protected. Base plate covers fit standard Rotary Lift SPOA10, SPOA9 and SPOA7 (200 series and above) lifts.



**#N539**

## SPOTLINE™ Laser Kit

Motion activated laser helps center vehicles in bays quickly and accurately. Laser guided system comes complete with motion sensor, mounting hardware and instructions.



**#FA7815**

#FA834 / 110V  
#FA835 / 220V



Attach the 2 ultra slim light wands to columns for effective, efficient 2-post lighting where you need it. Supplied with 4 magnetic clips for easy positioning.



- (2) 96 LED lights with 25' of cable and 20W power supply
- 3" spiral cords - stretches to 16" for placement under vehicle
- Magnetic junction box
- Input voltage 100-240 V AC

**#FA5701**

- 180 lumen in main light operates for up to 3 hours
- 120 lumen in spot light operates for up to 6 hours
- 4 hour charging time



**#FA5702**

## TWO-POST STANDARD / OPTIONAL LIFT FEATURES

FEATURE	Standard Feature	●	AT07 7,000 lbs.	SPOA7 7,000 lbs.	SPO10 10,000 lbs.	SPOA10 10,000 lbs.	SP012 12,000 lbs.	SP016 16,000 lbs.	SPO20 20,000 lbs.
	Optional Feature	○							
Lift column design			Asymmetric	Asymmetric	Symmetric	Asymmetric	Symmetric	Symmetric	Symmetric
ALI Certified		●	●	●	●	●	●	●	●
Surface mounted models		●	●	●	●	●	●	●	●
SHOCKWAVE™ Equipped models		N/A	○	○	○	○	○	○	○
3-stage TRIOTM arms		N/A	N/A	●	●	N/A	●	●	●
Conventional 3-stage arms		N/A	N/A	○	N/A	●	N/A	N/A	N/A
Multiple contact / adapter options		○	N/A	○	○	N/A	●	●	●
3-phase power units		○	○	○	○	○	○	○	○
Single point lock release		●	●	●	●	●	●	●	●
Multi-position locking systems		●	●	●	●	●	●	●	●
Original single piece “Double S” column construction		N/A	●	●	●	●	●	●	●
Hydraulic cylinders in each column		●	●	●	●	●	●	●	●
Overhead cables / clear floor design		●	●	●	●	●	●	●	●
Seismic rated column baseplate		N/A	○	○	○	○	○	○	○
Adjustable narrow column width		N/A	N/A	○	○	N/A	N/A	N/A	N/A
Adjustable wider column width		N/A	N/A	N/A	N/A	○	○	○	○
Extended higher rise option		N/A	N/A	○	○	○	○	○	○
Extended overhead height options		N/A	N/A	○	○	○	○	○	○
Low ceiling model available		N/A	N/A	N/A	N/A	○	○	○	○
Automatic arm restraints		●	●	●	●	●	●	●	●
Overhead padded switch bar		●	●	●	●	●	●	●	●
Multi-position wheel spotting dish		●	●	●	●	●	●	●	●



# LIFT APPLICATION GUIDE



## VEHICLE CLASS

GVW:  
Gross Vehicle Weight



### CLASS 1

Under 6,000 lbs. GVW



### CLASS 2

6,001 to 10,000 lbs. GVW



### CLASS 3

10,001 to 14,000 lbs. GVW



### CLASS 4

14,001 to 16,000 lbs. GVW



### CLASS 5

16,001 to 19,500 lbs. GVW



### CLASS 6

19,501 to 26,000 lbs. GVW



### CLASS 7

26,001 to 33,000 lbs. GVW



### CLASS 8

33,001 lbs. and over GVW

	6,000 lbs.	7,000 lbs.	10,000 lbs.	8,000 lbs.	10,000 lbs.	12,000 lbs.	7,000 lbs.	10,000 lbs.	12,000 lbs.	16,000 lbs.	20,000 lbs.	12,000 lbs.	14,000 lbs.	18,000 lbs.	30,000 lbs.	40,000 lbs.	50,000 lbs.	60,000 lbs.	52,000 lbs.	72,000 lbs.	78,000 lbs.	108,000 lbs.	144,000 lbs.	30,000 lbs.	36,000 lbs.	45,000 lbs.	50,000 lbs.	75,000 lbs.	100,000 lbs.	60,000 lbs.	70,000 lbs.	90,000 lbs.	105,000 lbs.
CLASS 1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
CLASS 2			•		•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
CLASS 3										•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CLASS 4										•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CLASS 5											•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CLASS 6														•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CLASS 7															•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CLASS 8																•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

**NOTE:** This reference guide indicates that the noted lift is applicable to the vehicle based on typical vehicle weights, lengths and wheelbases. All information should be verified before purchasing a lift.



## Rotary Lift

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## Assistance for Government Purchasing

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**Advantage!**  
FSS Contract No. GS07F294AA



**ValuePoint**  
formerly WSCA-NASPO  
Contract No. 05316



Contract No. 061015-RRL

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Trio Arms<sup>SM</sup> (US Patent No. 8,973,712 / US Patent No. 9,550,658)

For additional world wide contact information and a complete guide to our product offering, visit us on the web at [rotarylif.com](http://rotarylif.com).