



The Twin Post



Newsletter by SVI and "Shake and Bake" Productions

Update for the SVI Line of

Intentionally Designed Equipment & Repair Parts—February 2021

- Baltimore
- Chicago
- Los Angeles

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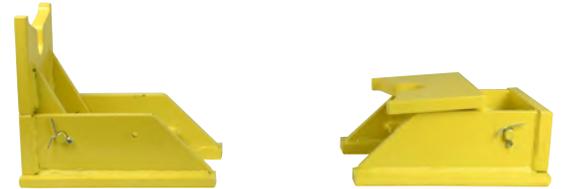
Silverado Saddle

Super Duty, The F-550 Solution

DeKalb, IL, The leader in the design and supply of custom and specialty adapters for heavy-duty lifts never rests. The top industry pros know, SVI will tackle these requests enthusiastically and without fail.

Suspension changes on newer Ford F-550 Super Duty Trucks have presented difficulties for some fleet service facilities. Shock mount and sway bar locations can interfere with the ability to easily and properly position lifting adapters.

The interference occurs mainly with some select makes of in-ground heavy-duty fore and aft lifts. When raising the rear lifting saddle from the rear box to adjust the sliding adapters, suspension components are low and in the way. This results in the saddle and adapters remaining contained within the confines of the rear box, thus the adapters cannot be positioned outward to a wider stance to properly engage the axle lifting points.



For this fleet service facility using EC-106 heavy-duty lifts produced by Weaver, SVI quickly solved the problem with foldaway custom rear adapters. The solution allows for enough saddle rise to allow easy adapter positioning. Once the adapter is in place, simply raise the pivoting adapter plate to vertical and lift the F-550.

Special adapters are available for many different makes and models of lifts. Whether the lift is a Globe, Joyce, Rotary, Gilbarco, Western, SVI, Weaver or some other make, SVI has and will design and produce a wide array of problem solving custom adapter solutions for virtually all of them.

Reduced Reach Rolling Jack Adapters

To safely lift a 1956 F-100 Ford Truck for restoration, SVI is your answer.

The frame centers on the old truck are 31-1/2" and the minimum achievable adapter centers on a BendPak RBJ7000 are 37", which presents a problem.



BH-7474-87 • Reduced Reach Kit for RBJ7000

So, SVI was immediately contacted as the "can do" source for a solution. Within two days, a special adapter was designed to securely nest down on the top tube of the rolling jack. This allows for the safe and reduced reach lifting of the old F-100 truck. On with the restoration!



This BH-7474-87 adapter set provides range flexibility and accommodates use of the standard adapters and extensions originally supplied with the rolling jack.

Since 1977



Globe Model MP-210

LIFTING SYSTEMS AND SO MUCH MORE.

SVI is an OE manufacturer of heavy-duty lifts, replacement cylinder assemblies, lifting sections and kits, saddles, adapters and all associated products including frame components for heavy-duty lifting. SVI has also acquired numerous heavy-duty lift manufacturers over the years including Globe Lift, and Manitowoc Lift or the former Gilbarco Lift. The SVI engineering department possesses a vast amount of intellectual property on the construction of lifts and their related components that dates back to the 1920s.

In 1994, after the official closing of Weaver Lift, SVI became the automotive

lift industry's sole supplier and largest producer of the former Weaver Lift product through conducting an entire replication of the Weaver style lift product line. Weaver style lifts to this very day are produced for new and replacement installations across North America. In addition, Globe and Manitowoc or former Gilbarco lift models are still in production. Believe it or not, the single post Globe model FS-10AS is still widely popular and orders routinely make their way through SVI production.



SOS Save Old Superstructures

Petroliana and restoring old vintage cars has become super popular. Now, it is becoming apparent some enthusiasts want to create that overall vintage feel and look in their shops and garages. This doesn't just mean with signs, some want the lift or lifts they remember from their youth when every corner gas station was full of lifts.



SVI will help with this. Easily supplying in-ground semi-hydraulic lift cylinders with bolt patterns and fill locations to match almost any old reconditioned existing superstructure makes this possible. The best part is the vintage lift will have a modern era cylinder produced with corrosion protection to make it last a lifetime. Plus, upgraded safety measures utilizing an MPTR make this even more desirable. For a vintage looking shop, **SVI is your answer!**

EV

The Gripping Reality

Change is happening fast and Electric Vehicle (EV) charging stations are starting to show up all over the place. You will find them at grocery stores, hospitals, government centers, pharmacies, parking garages, parks, hotels, and more.

SVI has kept pace with the changing needs. Long electrical cords need to be retracted up and away from the ground no differently than fuel hoses to prevent damage and for safety.

SVI now supplies EV cord clamps. EV charger cords range in diameter size so a number of size options are now available. These EV clamps are purchased from SVI by the charging station manufacturers for production. When you are called on to provide replacements, contact SVI.



They need a retractor system. This is not a good situation.

For Electric Vehicle (EV) Charging Stations



SVI is your Answer!

innovatively exce

Adjust-A-Spot Rolling Jack Arm Extensions

*New and Improved
...and very cool!*

Adjust-a-Spot Rolling Jack Arm Extensions from SVI

These arm extensions are useful on sliding arm rolling jacks a/k/a rolling bridges to accommodate wider wheelbase vehicles, lower profile track or race cars and Tesla EV's. Designed by SVI, these can be custom made for virtually any applicable make of rolling jack or rolling bridge.

To provide optimum positioning and stability, use of the two Adjust-a-Spot threaded positions allows users more flexibility in range. This means whether it is just a few inches of additional reach or up to 8-1/4" a side, a wide range of vehicles can easily and safely be lifted. Simply position the arm extensions over the arm using either the front or rear Adjust-a Spot sets to achieve the width required and install the two firming screws and tighten snugly down. Then, add your existing adapters to the provided adapter receiving holes and lift your favorite vehicle.

This exclusive SVI product was re-invented and improved with some helpful input (a video) from Terry Sellers, an automotive enthusiast in Bryans Road, Maryland and Chad Marsh a Tesla owner in San Clemente, California who both helped us understand the need for the Adjust-a-Spot flexibility and reducing play or sag. Adjust-a-Spot accomplishes two things, one being the flexibility and the second being when the firming screws are snugged down on the arm, play or sag in the extension is greatly reduced or even eliminated.

When anyone needs solutions for common and not so common needs encountered in the automotive lifting industry, SVI is always first to be called on and the only company to truly offer sound help! Put the SVI innovative spirit to work for you today. **SVI is your Answer!**

Designed by SVI, Adjust-A-Spot can be custom made for virtually any applicable make of rolling jack or rolling bridge.



PICTURED:
**Adjust-A-Spot
Rolling Jack
Arm Extensions**
9" Extension Kit for
BendPak RJ-45 / RBJ4500
BH-7474-81

FULL COMPLEMENT KIT

This seal repair kit for use on Roboarm cylinders found on Coats®* tire changers has everything you need. Roughly four years ago, one of the seals in the kit was discontinued by the OE.

SVI is pleased to announce that the seal is again included with the kit. For the repair of tire changers from bead blast cylinders to foot pedal valves, **SVI is your answer.**



Roboarm Cylinder Seal Kit for Coats®* Tire Changers

For 2" Cylinder

BW-1244-94 (ref 8184492, 184492)

Exceptionally Resourceful

This kit was artfully designed and sourced by SVI to provide exceptional value and top performing parts. Even the locking washer was greatly improved with an ingenious solution that combines the advantage of security through friction and mechanical locking. These washers are now used worldwide where secure fastening connections to counter the affects of vibration are required.

SVI is always on the lookout for ways to provide better, more improved solutions. This is a trait SVI distributors have come to know well and rely on daily.

Spider to Transmission Fastener Kit for Coats®*

Tire Changers
BW-1231-59 (ref 8183159, 183159)

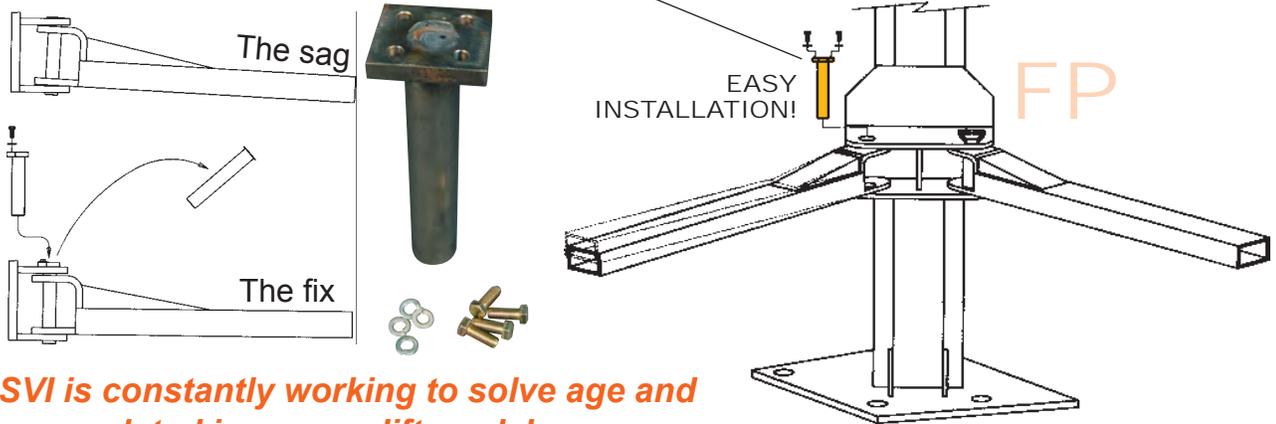


All names, numbers, symbols and descriptions are used for reference purposes only. It is not implied that any part listed is the product of these manufacturers.
*SVI does not represent and is not associated in any way with any other companies.

800-321-8173

innovatively excellent

Sag-stopping Arm Pins for Rotary lifts.



SVI is constantly working to solve age and wear-related issues on lift models.

One example SVI has encountered and successfully addressed is arm sag on many two post surface mount lifts. The arm sag problem is commonly found on lifts where the swing arm mounts inside the carriage arm support plates. In this style design, the bottom arm support plate on the carriage acts as a pivot point. This means, the top plate experiences inward load pressure resulting in the arm pin wearing and elongating the top hole. This results in unwanted arm sag and concerns most lift owners.

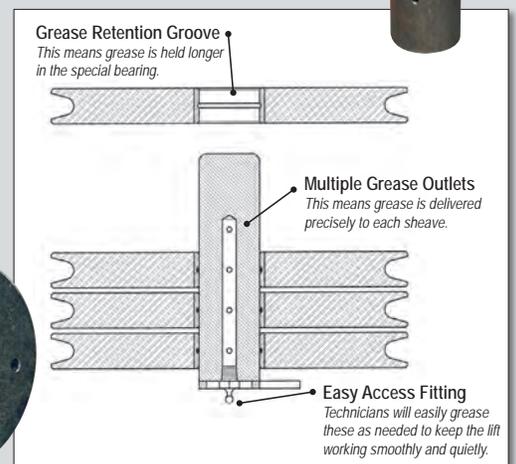
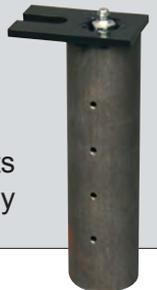
| SVI Part # | Replace What | For Model | OAL Length |
|--------------|--------------|----------------------|------------|
| BH-7505-14FP | FJ7838 | SP7 | 8.56" |
| BH-7505-14FP | FJ7838 | SP9 | 8.56" |
| BH-7505-14FP | FJ7838 | SPO7 | 8.56" |
| BH-7502-60FP | FJ7453-4 | SPO7 | 6.00" |
| BH-7505-14FP | FJ7838 | SPO9 | 8.56" |
| BH-7502-60FP | FJ7453-4 | SPO9 | 6.00" |
| BH-7545-54FP | N2154 | SPO10 / SPOA10 | 8.50" |
| BH-7505-15FP | FJ7834 | SPOA7-100 | 7.50" |
| BH-7505-14FP | FJ7838 | SPOA7-200, -300, 400 | 8.56" |
| BH-7505-15FP | FJ7834 | SPOA9-100 | 7.50" |
| BH-7505-14FP | FJ7838 | SPOA9-200, -300, 400 | 8.56" |
| BH-7502-12FP | FJ730-4 | SP80 / SP84 | 7.00" |
| BH-7502-02FP | FJ7152 | SPOA84 | 7.30" |
| BH-7502-02FP | FJ7152 | SPOA88 | 7.30" |
| BH-7503-36FP | FJ7501 | SPOA98 | 8.44" |

Thanks to SVI's "FP" style arm pins with top-positioning fixed plate for Rotary lifts, arm sag can be eliminated or reduced.

Greaseable Sheave Pins and Sheaves

Available for select Rotary Lift models, Challenger Lift models, others

SVI exclusive greaseable sheaves and sheave pins are ideal for use on 4-Post lifts in high frequency shops where the lifts are constantly being cycled. These busy shops give standard sheaves and pins a real workout. Subsequently, distributors are called on to frequently replace the sheaves and pins on these lifts. The next time you are asked to work on the sheave and pins of a four post lift, consider a greaseable system. In this case adding some lubricity is a good thing. The bushings in the SVI design can properly function whether greased on a regular basis or forgotten to run dry. SVI distributors can now offer this SVI exclusive solution and increase the lift's use time and cycles between service intervals.



Since 1977

Cooler Little Lift on the Market!

H-Frame SESM Lift Features Rotating Sliding Swivel Adapters



In America's heartland, DeKalb, IL - SVI is the leading supplier of high capacity, low pressure single-acting lifting systems for the small equipment lift industry. Through acquisitions of Globe Lift and the former Gilbarco lift division, SVI has an extensive engineering data bank that extends back to 1920s. This broad knowledge base and an ever present can-do attitude has driven SVI into many markets as a mainstay supplier of products to increase shop productivity.

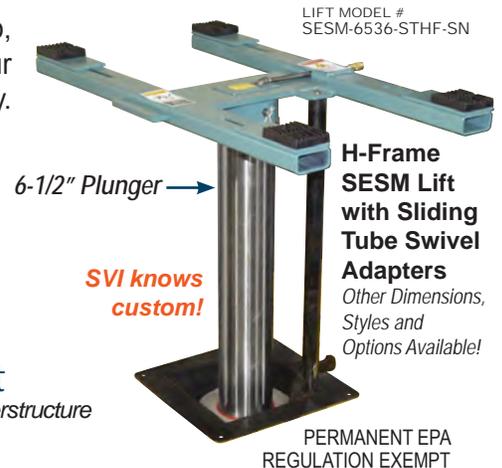
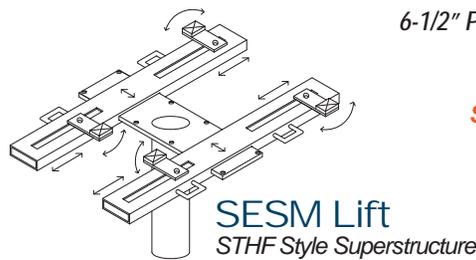
The H-Frame SESM lift from SVI is a perfect solution for those engaged in the sale, service and use of smaller equipment associated with the golf cart and outdoor power equipment industries. This style of lift can be found in golf cart service departments, landscape equipment maintenance shops, ATV dealers, and just about anywhere else someone wants to make their job more productive and easier to accomplish. Best of all, no piping is required and installation and operation is a breeze.

The H-Frame Superstructure long arms move in and out for width positioning. The swivel arm lift adapters slide back and forth for length adjustment and additionally 360° in full swivel for ultimate versatility. Optional rubber lifting height extensions are also available to aid with uneven lifting points or more in desired working height. These lifts can also be produced with varying stroke lengths per request. For the coolest little lift on the market, SVI is your answer!

Great pride is taken as SVI supports American jobs, American craftsmanship, American engineering and all the American companies we can proudly call our customers. Please put an H-Frame SESM lift to work in truly awesome shops today.



This style is popular for Golf Carts, ATVS / UTVS, and much more.



An SVI Voltage Regulator Lifting Solution

Hydraulic cylinders are used in a wide range of applications for moving, positioning, lifting and lowering heavy loads. When East River Electric Power Coop in Madison, South Dakota was constructing their new electric power voltage regulator service facility, they needed two specially-constructed high capacity, low pressure single-acting hydraulic cylinders to perform regulator maintenance.



These regulators are tall and without having enough hook height on the jib cranes that will lift the regulator covers off, pit lifts were installed to lower the regulator down approximately 48". Once a regulator is lowered down into the pit, the jib crane can safely lift off the cover so the regulator could be raised back up to floor level by the hydraulic cylinder.

The regulator is then removed from the 60" x 72" lifting platform and taken to a station for re-conditioning. Once re-conditioned, the regulator is returned to the hydraulic lift and lowered down so the cover can be repositioned back over the regulator with the jib crane. The entire regulator and cover are then raised and the regulator is transported back out in the field and placed back into service.



Check us out online: www.sviinternational.com



FUBAR in the Field *(send us your pics)*

← “Pailevoir”

Why not? Proper reservoirs are plain overrated and a damn nuisance. Instead, hang a five gallon pail of oil on the power unit. If the cylinders are leaking, just think how long you can go before needing to add oil. This is ingenious and definitely the shop we are all taking our cars to for service.

Pull Handle to Raise →

This clever lever action pull to raise handle doubles as a coat hanger in its spare time. The problem with that is, every time you hang up your coat, the lift goes up too!, Perfect solution to avoid all the effort required to just push the button. Hours of thought, engineering and production time went into this one. You have got to give him credit.



Pressure - Area - Force—Why is it so Dang Important?

Replacing a power unit with the same pressure setting is so crucially important. Many people may not understand how pressure and area interact to create the force to support or lift weight. But, really almost everyone has experienced it with bicycles. We know that the weight of an adult can be supported by either a wide mountain bike tire filled to 25 to 35 PSI of air or a narrow tire on a 10 speed filled with 80 to 130 PSI of air. Additionally, we certainly feel the effect of different pressures when filling a tire with an old-fashioned manual tire pump.

As the pressure increases in the tire it takes more and more effort or force to push the pump's handle down. So, it is easier to fill the mountain bike tire than the narrow 10 speed bike tire with the same pump. Cylinders are the same. A larger diameter cylinder needs less pressure to lift the same load as the smaller diameter cylinder. For example, a cylinder with a 41% larger diameter needs half the pressure to lift the same load because the area of its piston is twice as large. Changing the diameter of a lifting cylinder in a lift or changing the pressure of a hydraulic pump (power unit) on a lift can dramatically change how much the cylinders can lift.

For safety sake, the ANSI specification for automotive lifts limits the power unit's operating pressure to that of 120% of what is needed to lift the rated load capacity of the lift. If you exceed the designated pressure of the lift, the cylinders or other lifting components could fail causing damage or injury. Conversely, if you reduce the pressure, the cylinders cannot lift the rated load capacity of the lift. That is why it is very important to identify the correct operating pressure when replacing hydraulic power units.



Fan Favorite for Gasboy Transfer Pump Owners!

It has been over a decade since SVI started supplying repair parts and kits for fuel transfer pumps.

This kit has been very popular and one of the favorites assembled in the SVI kit department. Great care is taken to ensure all the correct components are included. Please keep relying on SVI for this kit and any other you may suggest that SVI produce for you.



Repair Kit for Gasboy 1800, 70, 390 Series
BP-4210-01
(ref 032888)

A Note About Custom Adapters...

All custom adapters once thoroughly considered are designed by degreed mechanical engineers. Industry standards are followed as well as all safety factors for the different types of materials, manufacturing methods and intended use of the product in question.

Any custom adapters built and supplied are made specifically for the application of the lift were use is intended. Custom adapters are not interchangeable between lift makes and models, they are model specific.

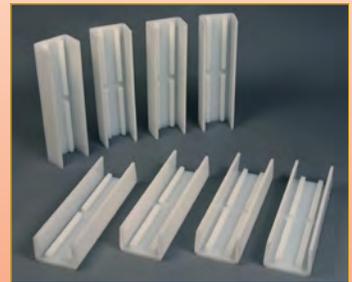
The particular lift using the adapters featured on the cover is a model EC106 with an electric over hydraulic power unit as the power source. If it is an air over oil power source the lift itself would be absolutely identical but only rated at 12,000 lb. capacity per lifting cylinder and a model EC105. The EC106 is rated at 18,000 lbs. lifting capacity per cylinder. This means each adapter is intended to lift 9,000 lbs. This is the capacity these designed adapters will lift, while providing a 3:1 industry standard design safety factor. This includes all aspects including the pivot pin, which is not placed under direct load.

If anyone were to ever need a special adapter for a different make of lift with a different saddle, all of the same design criteria would be 100% absolutely followed. Whether other lifts in a facility are Globe, Joyce, Rotary, Gilbarco, Western or even a different Weaver model, SVI has produced a range of different style custom adapters for virtually all of them.

RE-AVAILABLE

Early SPO15 pre 100 series lift models were produced by the Rotary lift company featuring 10" long carriage slider blocks. These 15,000 lb. capacity two-post surface-mount lifts have aged very well and a few may need some of the original parts refreshed. Somewhere along the way, these slider blocks were obsoleted by the original producer.

As wear over time occurred and repair driven demand has surfaced, SVI was contacted for these replacement sliders. On April 10, 2018 the sliders were re-introduced as another available again forever growing number of items contained within the SVI product line. When replacing slider blocks always do it in complete sets. If one is worn, none of the others are far behind. For all your needs and new product solutions, SVI is your answer!



Long Slider Block for Rotary Lifts
BH-7528-10 (ref N167-1)

Jim's Restoration Project in New Waverly, Texas

Jim: After years of working out of a single car garage, I have now built a 30 x 60 foot workshop and was given an old Lincoln 4 post lift. It is in pieces but my friend says he was assured that all the parts are there and at least all the major parts seem to be... that being said I have no documentation on the unit and am desperately trying to find out information on this lift. It is an all cable screw shaft/pinion type (no hydraulics) unit that for it's age (I'm guessing 60's era) is in really good condition.



An Old Lincoln
4-Post Restoration

It is a Model 7015 series D with an 8000lb lift capacity. Another tag that is on the main lift post has Model 83854.

Any help you can be will be greatly appreciated and I will be willing to pay for any manuals / part breakdowns you might have as well as kudos on all hotrod forums I subscribe to.

SVI: Believe it or not, we found the assembly instruction and manual. All we will ask in return is a nice picture of it once you have it all back together.

Jim: You just lifted my spirits on this project to a new level.

SERVICE • VALUE • INNOVATIONS

Octagon Heavy Duty Rubber Pad vs. Urethane Pad
For Challenger CL-10 and others

SVI offers an Octagon Heavy Duty Rubber Pad as an alternative to the Urethane Snap-In Pad (Ref A1104-H) that many have been ordering. The issue we've found with the Urethane Pad is called "compression set". With the weight of the vehicle pressing down on the urethane pad, it is pancaking or compressing the pad outward. The urethane does not rebound well and takes a compression set. As the urethane pad gets wider and wider against the two solid sides it is rejected from expanding horizontally and subsequently bows upward causing the undesirable outcome and appearance. This SVI exclusive Heavy Duty Rubber Arm Pad is the better choice for this application.

An SVI Exclusive

Octagon Heavy Duty Rubber Arm Pad Kit of 4 Pads for Challenger CL-10

BH-7232-01OHD-4 ▶
(Alternative to ref A1104-H)



Heavy Duty Bolt-On Style Rubber Arm Pad

Each pad is produced from a special 3/8" thick 2-ply durable reinforced material to increase service life.



An example of a "compression set" urethane pad on Challenger Lift

Silverado SADDLE

Specialty Lift Adapters

FOR 2019, 2020, and 2021

Chevrolet Silverado 1500 and GMC Sierra Truck Models

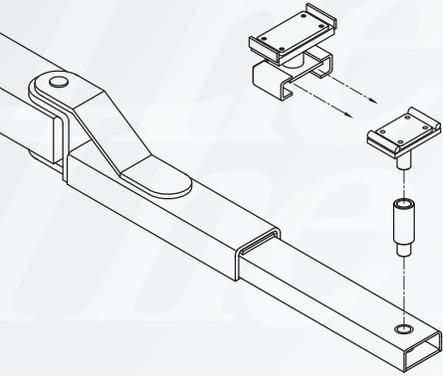


Silverado Saddles

Fits directly over existing lift adapters!

Available for any lift make or model.

No need to remove adapters before working on these wide-frame trucks.



**TYPE
GMT-SS**

7" Wide
Lifting Area

For ROTARY

For CHALLENGER

For BENDPAK

For BENWIL

For FORWARD

For WHEELTRONIC

For MOHAWK

For GILBARCO

For GLOBE

For MANITOWOC LIFTS

For Any Make—Call Now!

Call today: 800-321-8173

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