



PN: 97104 Model Number: 97M-UBS PN Instructions: 97000 Bottle Jack Stabilizer	PN: 97102, 97103 Model Number: 97M-UHS48/60 PN Instructions: 97000 48" & 60" Hi-Lift Stabilizer
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Universal Base Plate & Stabilizer for Bottle Jacks and Hi-Lift Type Jacks
August 11, 2016



Universal Base Plate & 20 ton jack under a Semi Trailer



Universal Base Plate used with Hi-Lift Type Jack



Shown here:

48" Combo Base Plate Kit for Bottle Jacks and Hi-Lift Type Jacks
PN 97100

60" Combo Base Plate Kit for Bottle Jacks and Hi-Lift Type Jacks
PN 97101

(Formally known as PN 97M-UCS 48)

Universal Base Plate Instruction Manual

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1.0 GENERAL SYSTEM DESCRIPTION:

The universal Base Plate System consists of a base that is 18 x 8 inches (45.7cm x 20.3cm) and Universal Base Insert Plates that are 8 x 7 inches (20.3cm x 17.7cm). Bottle Jacks, Screw Jacks, Scissor Jacks and Hi-Lift type jacks can be mounted to the Insert Plates and then quickly inserted and locked into the Base Plate. This establishes a large, firm, stable base from which to lift vehicles and structures.


Hi-Lift type jacks (also known as Shepard's jacks, farm jacks, handyman jacks) require Stabilizer Cables and a Clevis Assembly and a Shoe for either 48 or 60 inch jacks. The cables act as guide wires to steady the vertical standard of the jack. This type of jack is manufactured by many companies under many brand names but is commonly referred to as a Hi-Lift type.










PERFORMANCE SPECIFICATIONS








Specification	Performance
Vehicle platform	Not Specific
Lift point	Not Specific
Jack type	Bottle Jack, Scissor, Screw, Mechanical Hi-Lift, Farm, Lift, Jackall type
Lifting load rated capacity	20 tons
Ground pressure @ rated load of 7200 lbs.	50 psi
Base Plate ground contact area	144 in ²
Dimensions Base Plate	18" long x 8.0 " wide
Weight – 97107 Universal Base Plate	9.8 lbs.
Weight – 97108 Hi-Lift Adapter Kit	6 lbs.
Weight –97105 Universal Bottle Jack Base	4 lbs.
Weight – Carry Bag	NA
Longitudinal slope lifting capability	Should not be used on longitudinal slopes
Lateral slope lifting capability	Should not be used on lateral slopes.

2.0 GENERAL SAFETY INFORMATION

It cannot be over stressed that the safe operation and condition of the jack used with the Universal Base Plate System is critical to the overall safety of the operation. Follow the jack manufacturer's operation instructions or review the numerous instructional videos on You-Tube provided by the jack manufactures and various specialists.

 **PRIOR TO USING THE UNIVERSAL BASE PLATE OR ANY OF ITS ATTACHMENTS. PLEASE READ AND UNDERSTAND ALL WARNINGS, SAFETY PRECAUTIONS, LABELS & INSTRUCTIONS IN THIS MANUAL AND ON THE JACK YOU INTEND TO USE WITH THE SAFE JACK STABILIZER.**

-  Use safety equipment. Always wear ANSI approved safety impact goggles, steel-toed safety shoes/boots, and heavy duty work gloves when using this product
-  Only personnel directly related to using the jack should be present near vehicle while the Universal Base Plate System is being used .
-  Never allow anyone underneath any parts of the vehicle during jack operation at any time when the vehicle weight is being supported by the jack.
-  Always keep hands, fingers, and feet away from all moving parts of the Jack when applying or releasing a load. Remain clear of the vehicle during raising or lowering operations.
-  Do not attempt lifting a load with the jack that exceeds the load rating of the jack or the Universal Base Plate. Doing so could cause serious personal injury and/or property damage.
-  Never modify the Universal Base Plate or Insert Plates in an attempt to use it for a purpose it was not designed for.
-  Check the intended jack for damage before using. Check for loose screws, misalignment or binding of moving parts, loose mounting, cracked or broken parts. Replace if damaged.
-  The Universal Base Plate Stabilizer attachments are designed to be used with standard hi-lift style jack base plates only. If the jack foot does not fit the Universal Base Plate, It cannot be used.
-  Do not use the jack if any of the parts are damaged or not operational.

-  Before lifting, place the vehicle's transmission in "PARK" for automatic transmissions and Low gear (1st gear) for manual transmissions. Set the vehicle's emergency brake. Then, block the wheel diagonal to the wheel that is being lifted, with wheel chocks. Failure to follow this instruction can result in severe injury or death to personnel.
-  Position the jack to lift only a single wheel station at a time. Do not use multiple jacks or lifting means to raise more than one wheel at a time.
-  Always lift at the designated lift point. Failure to do so will result in damage to the jack, damage to property or serious injury or death to personnel.
-  Jack service must be performed only by qualified personnel. Service performed by unqualified personnel could result in a risk of injury.
-  Do not attempt to lift the vehicle on a side or longitudinal slope.
-  Do not use the jack to support a vehicle over extended periods of time. The duration of the lifting task should be kept to a minimum. Always use jack stands to support a vehicle over an extended period of time.
-  *The warnings, precautions, and instructions discussed in this manual cannot cover all possible conditions and situation that may occur. The operator must understand that common sense and caution are factors, which cannot be built into this product, but must be supplied by the operator.*



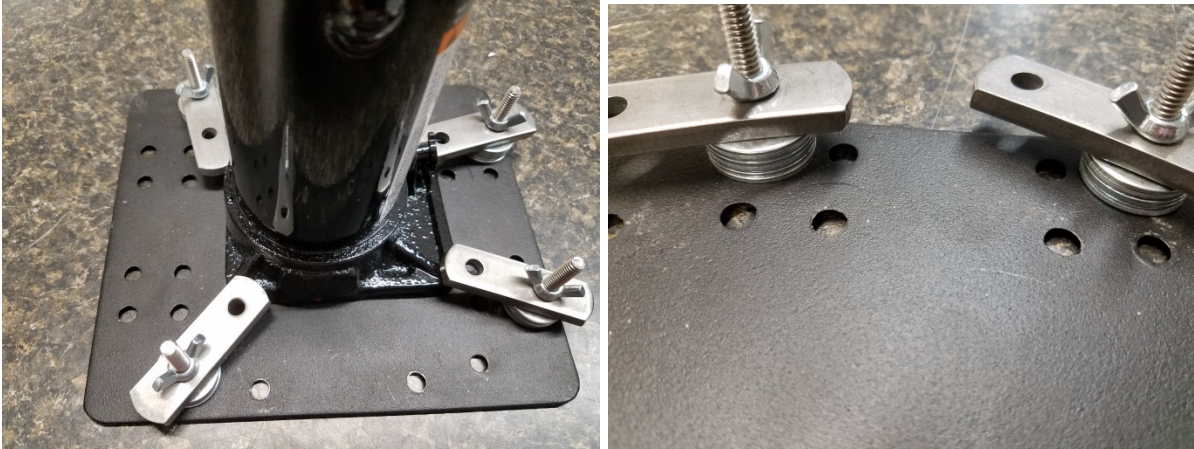
Warning

Study, understand and follow all instructions provided on and with this product and the jack it is used with. Lifting device only. Immediately support vehicle with jack stands. Do not exceed rated capacity. Failure to heed these markings may result in personal injury or property damage.

3.0 OPERATING

3.1 Using Bottle Jack, Scissor Jack, Screw Jack with Universal Base Plate

3.1.1 Mount the jack to the Universal Insert Plate using clamping screws, washers, tabs and wing nuts. Stack the washers so that the tabs are just slightly lower than the top of the jack base.



3.1.2 Insert the mounted jack and Insert Plate into the Universal Base Plate by sliding one end of the Insert Plate under the two tabs while pulling back on the spring plunger. Seat the Insert Plate and release the plunger.

Watch and Learn at www.youtube.safejacks.com.



3.1.3 You are now ready to use the jack and base plate. Follow safety rules.

3.2 Using the HI-LIFT type jack with Universal Base Plate

3.2.1 Attach the Hi-Lift Shoe to an insert plate with $\frac{1}{4}$ -20 x $\frac{3}{4}$ inch screws and nuts, if not already accomplished.



3.2.2 Insert plate with Hi-Lift shoe into base plate and latch in place.



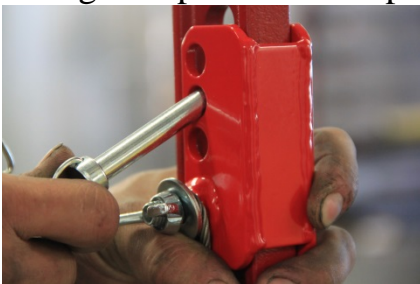
3.2.3 Attach cables to the base plate as shown using wire bail clevis pins.



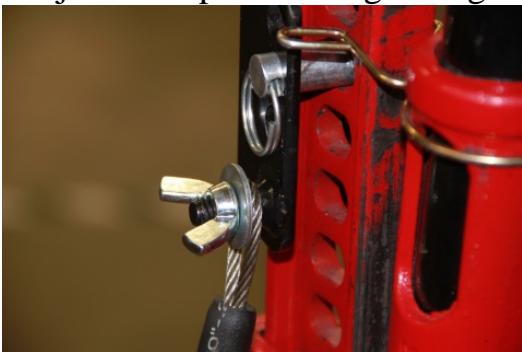
3.2.4 Insert the nose of the jack foot plate into the receiver and under the bar. Then rock the jack back to seat the jack base in the receiver.



3.2.5 Pull cables up in front of the jack and pin upper clevis assembly to the front side of the jack standard using the 3/8 inch quick release pin in the hole that makes the cables the tightest possible. The pin may be used to pry the clevis up to tighten the cables.



3.2.6 Cables may be tightened or loosened somewhat by adjusting the wing nuts on each side of the upper clevis. Adjust the wing nuts until the slack has just come out of the cables with the jack foot plate resting flat against the base place insert.



3.2.7 The jack and Universal Base Plate should look like this.

A



B



**READ AND UNDERSTAND WARNINGS AND INSTRUCTIONS
TO PREVENT SERIOUS INJURY.**

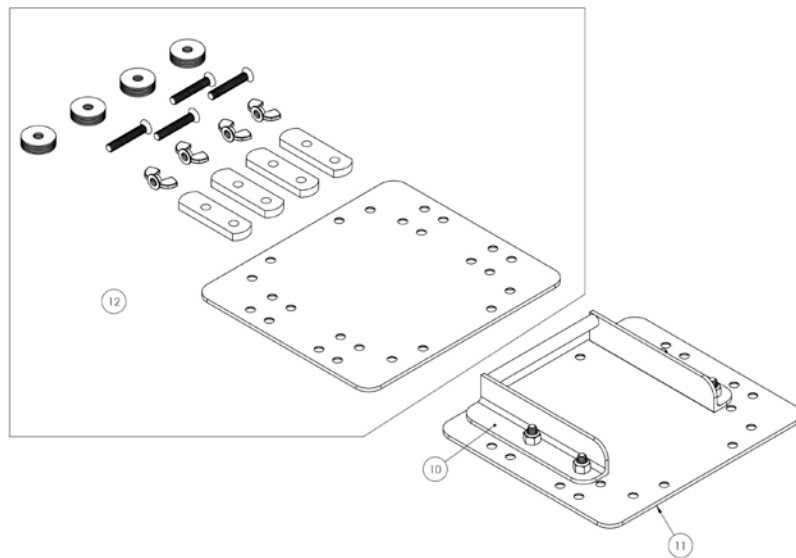
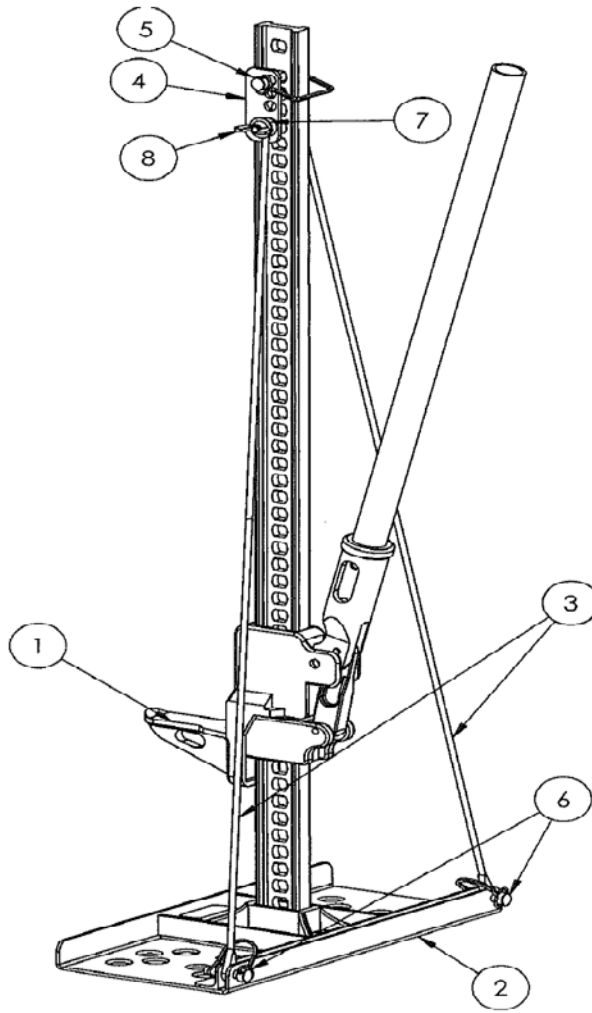
Above pictures are what you should see when your finished assembling.

A: Cables should be attached on backside of baseplate, front of Farm Style Jack facing away from cables.

B: Upper Clevis should be on front side of jack standard

4.0 PARTS LIST:

Item	Model Number	PN	Qty	Description
1	N/A	N/A	1	Hi-Lift Style Jack supplied by customer
2	97M-UBP	97107	1	Universal Base Plate
3	51M-Cable48	51106	1 pair	2 cable assemblies for 48 inch jack
3	51M-Cable60	51107	1 pair	2 cable assemblies for 60 inch jack
4	97M-Clevis	97111	1	Top Clevis with hardware
5	37R250PWQ0Z	97120	1	Pin 3/8 X 2.5 inches wire bail
6	37R137PWR0Z	97121	2	Clevis Pin 3/8 X 1.375 wire bail
7	37NWUS0Z	97122	2	Washer – Flat 3/8 inch
8	37CNWI0Z	97123	2	Wing Nut 3/8 -16
10	97M-UShoe	97110	1	Universal Shoe for Hi-Lift Type
11	97M-UBI	97106	1	Universal Base Insert Plate
12	97M-UBB	97105	1	Universal Bottle Jack Base w/ Hardware
13	97000	97000	1	Universal Base Plate Instructions



5.0 WARRANTY

97000 Series All components are warranted to be free of defects in materials and workmanship and carry a one year parts and labor warranty when used in accordance with the operating instructions and limitations. Any product that does not conform to specifications will be repaired or replaced. This warranty does not cover ordinary wear and tear, abuse, misuse, alterations, or the use of improper fluids.

Determination of the authenticity of a warranty claim will be made only by Bogert Manufacturing Inc.

Contact Bogert Manufacturing Inc. before returning. Bogert Manufacturing can be reached the following ways:

Bogert Manufacturing Inc. dba Safe Jack
3606 N. Swallow Ave. #200
Pasco, WA 99301 USA

Customer Service (509) 735-2106
Fax Number (509) 272-0280
Email: info@safejacks.com



6.0 REVISION CONTROL HISTORY

Rev Level	Date	Description	Approved	ECO#	Page(s)
IR	26APR2016	Creation of Commercial Manual	<i>RWB</i>		All Pages
A	30AUG2016	Updated part numbers	<i>PEM</i>		All pages

