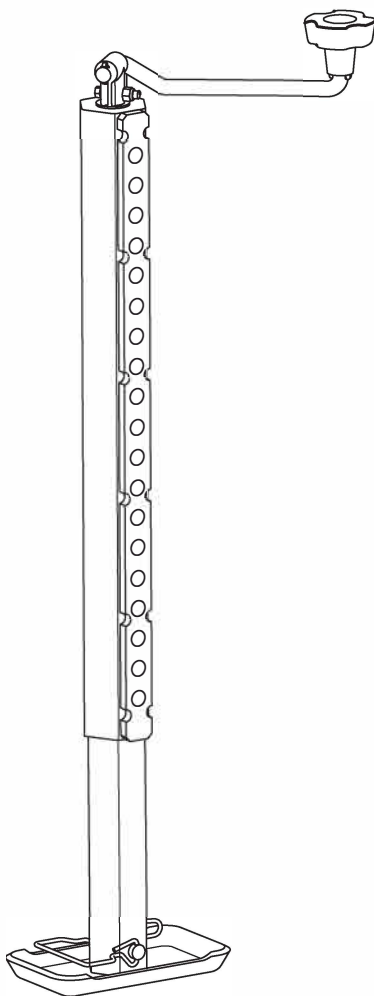







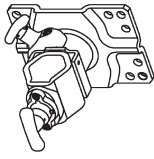
INSTALLATION MANUAL

Modular Hex-Jack

Modular Hex-Jack = Hex Jack base + Mounting Unit



6052776

MOUNTING OPTIONS	
 6053171	 6053172
 6053173	 6053174



WARNING: Failure to follow these warnings and instructions may result in property damage, serious bodily injury, and/or death.

INSTALLATION MANUAL

Modular Hex-Jack

Read, Understand, Follow and Save These Instructions

Read, understand and follow all of these instructions and warnings (Instructions) before installing and using this product. Install and use this product only as specified in these instructions. Improper installation or use of this product may result in property damage, serious injury, and/or death. Never allow installation or use of this product by anyone without providing them with these instructions. You must read, understand and follow all instructions and warnings for any product(s) to which this product is used in conjunction with or installed. Save these instructions with the product for use as a reference for any future installation and use of the product.



WARNING: Failure to follow these warnings and instructions may result in property damage, serious bodily injury, and/or death.

- Purchaser/owner must ensure that product is installed according these instructions. Purchaser/ owner must not alter or modify product.
- Operator and bystanders should never position any part of body under any portion of this product or the load being supported.
- Fully retract and rotate jack before towing.
- When using the drop foot or drop leg, make certain the supplied pin is fully inserted through both sides of the inner tube and the drop tube before using the jack.
- This product is not intended to be used as a transport device for the implement it is attached to. Minimize movement of implement while jack is under load.
- Do not allow children to play on or around this product or the load being supported.
- Secure the load, vehicle and trailer from rolling (by blocking wheels) when operating jack or coupling trailer.
- The jack's capacity is determined by the lowest capacity among the jack, mounting unit, and foot unit.
- Never exceed maximum rated capacity. Refer to stamped markings or decals on product to obtain rated capacity.
- These jacks are designed for vertical loading. Excessive side forces may cause jack failure and must be avoided.
- Before manually moving the trailer, lower the crank to its lowest position.
- If this product has a pivot tube mount, make certain the pivot pin is fully inserted through both sides on the pivot tube and the pivot mount.
- If this product is a swivel jack, lock the plunger pin into a hole in the mounting bracket before raising or lowering the tongue.
- Before installing the snap ring, inspect the snap ring groove and remove any debris. Seat the snap ring fully into the groove.
- Do not attempt to weld "Bolt-On" brackets or straps to the tongue. Special brackets are available for "Weld-On" applications.
- If this product has a drop foot or drop leg, never attempt to adjust the drop foot or drop leg when there is any load on the jack.
- If this product is a rack jack, do not raise the gear housing above inner tube.
- These jacks are not designed for mounting to round tongues.
- All welding must be performed by a certified welder.
- Always replace bent, broken, or worn parts before using this product.

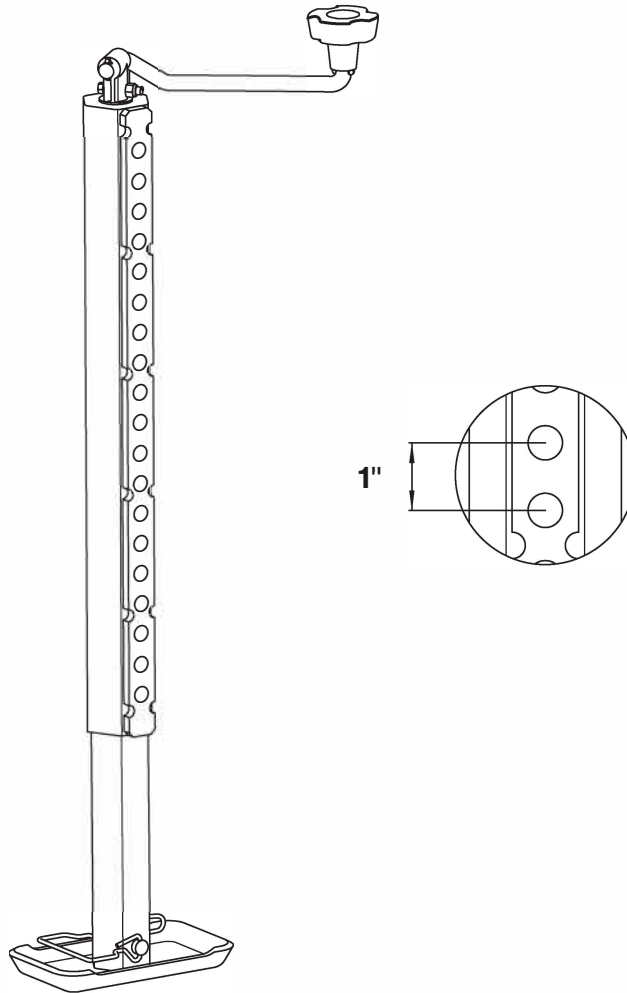
Products' Instructions

Modular Hex-Jack = Hex Jack base + Mounting Unit

1. Hex Jack base: As shown on pic.1

The height of the product is adjusted by the screw rod and the adjusting plate on the outer tube.

TSC SKU	Screw Travel	Static Capacity	Lift Capacity	Max Travel On Outer Tube
6052776	15"	10000lbs	5000lbs	18"



6052776

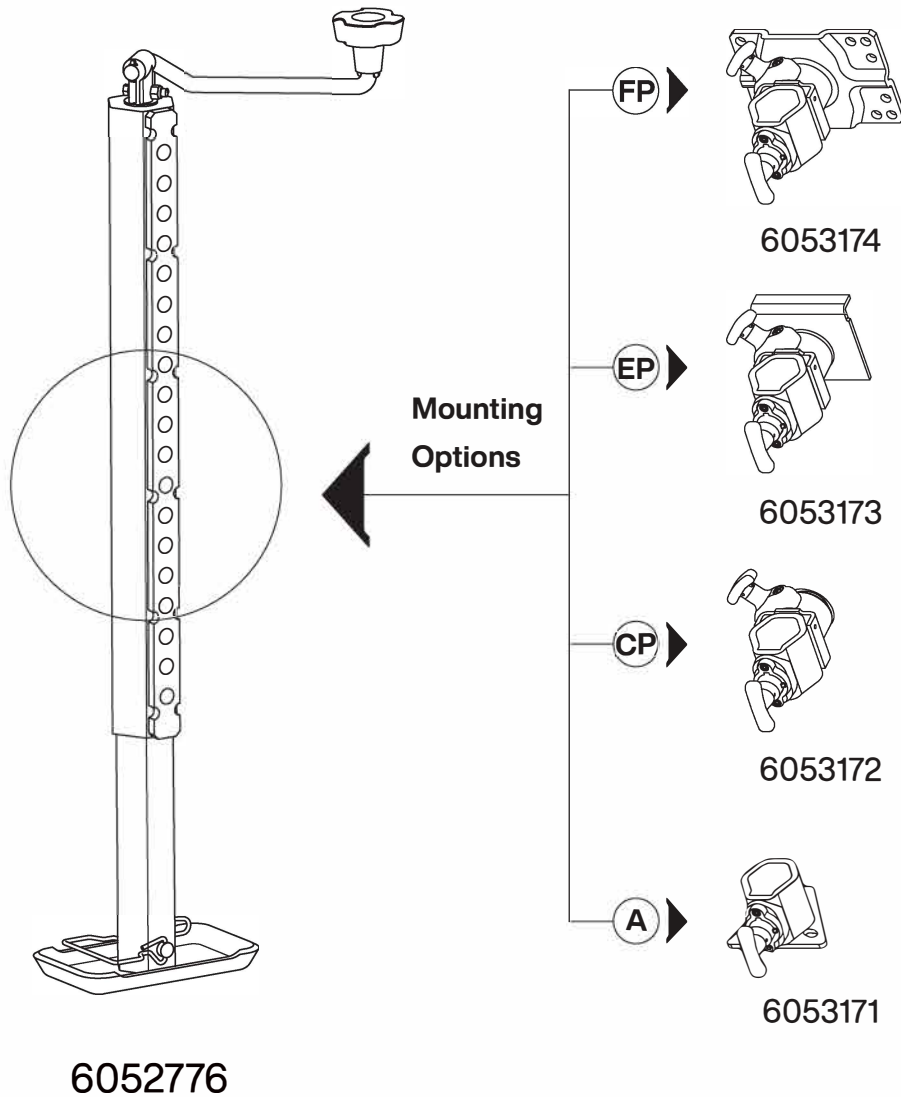
Pic. 1

Remarks: the distance between the centers of two adjacent holes is 1".

2. Mounting unit: 4 options (As shown on pic.2)

Code	TSC SKU	Name	Capacity	Extra Travel On Outer Tube
A	6053171	A Frame	5000lbs	18"
CP	6053172	Tube Mount, Premium Version	5000lbs	16"
EP	6053173	Weld-on Bracket, Premium Version	3000lbs	16"
FP	6053174	Bolt-on Bracket, Premium Version	4000lbs	16"

Remarks: The jack's capacity is determined by the lowest capacity among the jack, mounting unit, and foot unit.



Pic. 2

Installation Instructions

Adjust the height of the mounting unit

NOTE: Please have a firm grip on the jack in case it drops suddenly.

1) Pull the knob, rotate it to the left or right at 90°, until it gets to horizontal direction (the unlock position “B” shown as pic. 3).

2) Insert the tube of the jack into the mounting unit (shown as pic. 3), adjust to an ideal height.

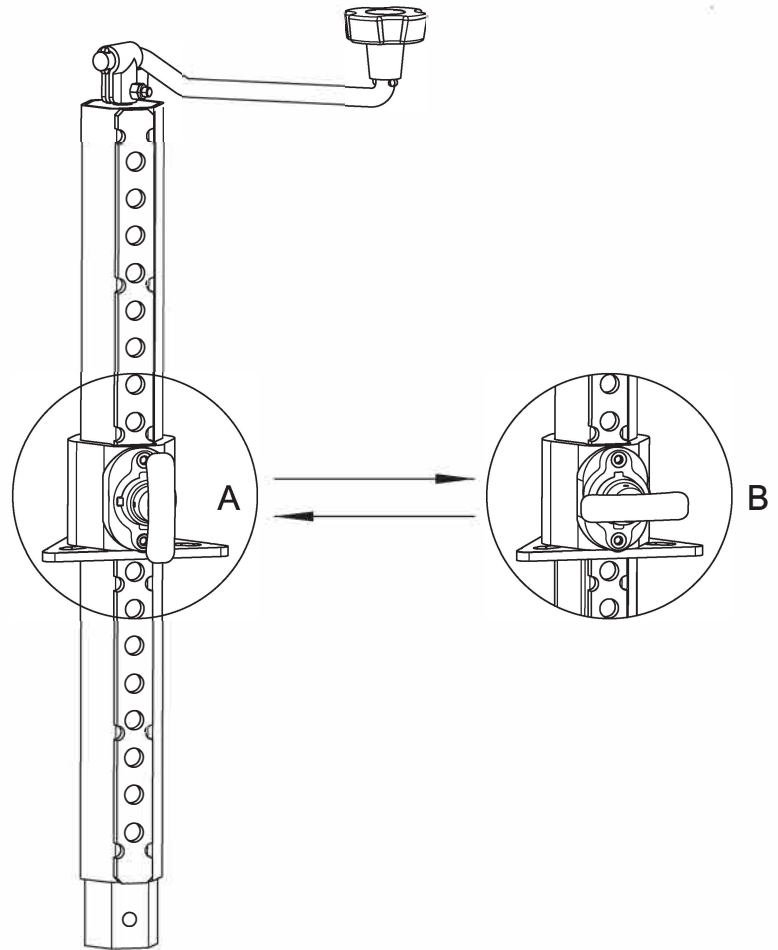
3) Pull the knob, rotate it to the left or right at 90°, until it gets to the lock position (the lock position “A” shown as pic. 3).

Slightly slide the mounting unit, until the knob pin is fully inserted into the hole of the outer tube.

Attention: Please try to slide the mounting unit again, to make sure the knob pin is fully inserted into the hole on the outer tube.

* A: Knob at lock position

* B: Knob at unlock position



Pic. 3

Bolt-On Bracket Mounting Instructions:

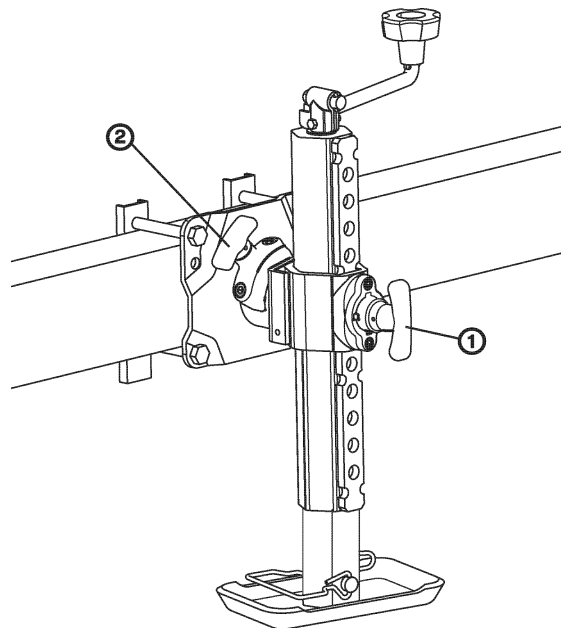
NOTE: Please have a firm grip on the jack in case it drops suddenly.

If using a bolt-on bracket, assure the correct mounting hole pattern for your tongue size. The gap between the mounting bolts and the tongue is not to exceed 1/16".

- 1) Place the mounting bracket against the tongue and position the mounting straps on the opposite side of the tongue. Align the holes in the mounting bracket with the holes in the mounting straps.
- 2) Insert the 4 bolts through the mounting bracket and mounting straps. The upper bolts should rest on the top of the tongue. The lower bolts should be less than 1/16" from the bottom of the tongue.
- 3) Secure with locknuts. Make sure they're totally tightened.
- 4) Make sure the knob ① on the bolt-on bracket is at horizontal direction (unlock position as pic. 3 shown). Insert the tube of the jack into the bolt-on bracket (shown as pic. 4), adjust to an ideal height.
- 5) Pull the knob ①, rotate it to the left or right at 90°, until it gets to the lock position (shown as pic. 3). Slightly slide the mounting unit, until the knob pin ① is fully inserted into the hole of the outer tube.
- 6) Check for clearance of handle, trailer light cables, and coupler.

Attention: Please try to slide the mounting unit again, to make sure the knob pin ① is fully inserted into the hole on the outer tube.

* The jack can swivel to a horizontal position (parallel to the tongue of the trailer) by pulling the pin ②.



① Knob

② Pull pin

* DP

Pic.4

Weld-On Bracket Mounting Instructions:

NOTE: Please have a firm grip on the jack in case it drops suddenly.

1) All welding must be performed by a certified welder.

2) * EP bracket (weld-on bracket, premium version):

Before welding, loosen the two screws on the pull pin ② of the Coupling tube ③ and the screw on the coupling tube ③. Then detach the L-bent swivel plate. (shown as pic. 5)

3) Position the swivel plate on the desired location with plate lip over the trailer tongue. Weld on entire length, width and height of the plate with 3/16" fillet weld. (shown as pic.5)

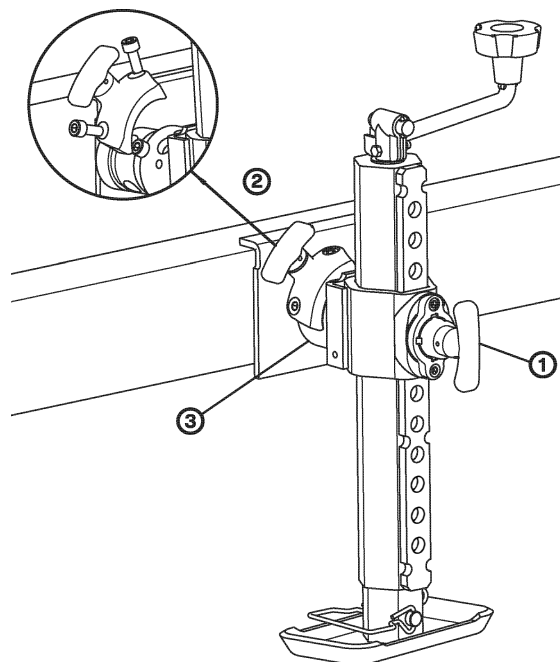
4) Assemble swivel plate back to the bracket. Make sure the knob ① on the weld-on bracket is at horizontal direction (unlock position as pic. 3 shown). Insert the tube of the jack into the weld-on bracket (shown as pic.5), adjust to an ideal height.

5) Pull the knob ①, rotate it to the left or right at 90°, until it gets to the lock position (shown as pic. 3). Slightly slide the mounting unit, until the knob pin ① is fully inserted into the hole of the outer tube.

6) Check for clearance of handle, trailer light cables, and coupler.

NOTE: Please try to slide the mounting unit again, to make sure the knob pin ① is fully inserted into the hole on the outer tube.

* The jack can swivel to a horizontal position (parallel to the tongue of the trailer) by pulling the pin ②.



① Knob

② Pull pin

③ Coupling tube

* EP

Pic.5

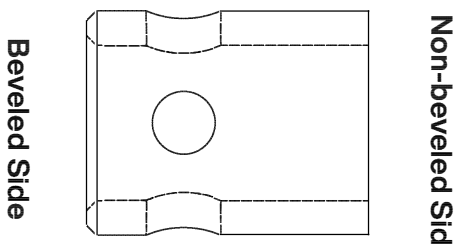
Weld-On Tubular Mounting Instructions:

NOTE: Please have a firm grip on the jack in case it drops suddenly.

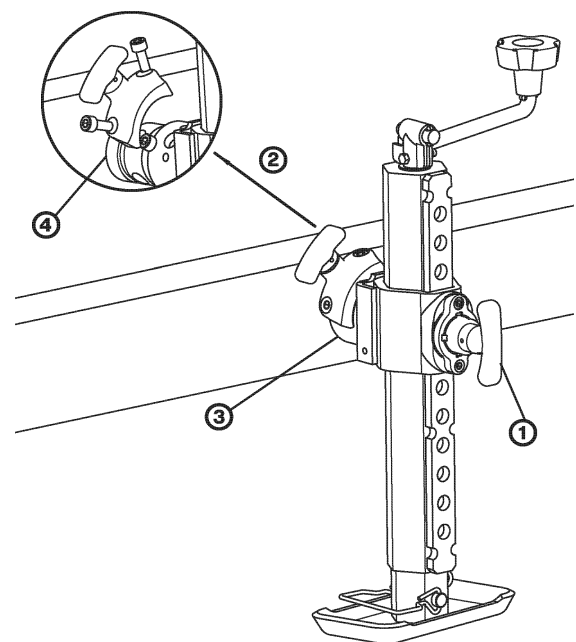
- 1) All welding must be performed by a certified welder.
- 2) * CP bracket (Tube mount, premium version):
Before welding, loosen the two screws on the pull pin ② of the Coupling tube ③ and then the screw on the coupling tube ③. Then detach the pivot tube. (shown as pic. 7)
- 3) The non-beveled side of the pivot tube is welded to the tongue unless otherwise specified on hardware (shown as pic. 6).
- 4) Place the weld-on pivot tube against the tongue and weld all around with a 3/16" fillet weld. Align one set of pivot mount holes vertically.
- 5) Mate the mounting unit to the pivot tube and secure with the supplied pin.
- 6) Make sure the knob ① on the mounting unit is at horizontal direction (unlock position as pic. 3 shown). Insert the tube of the jack into the mounting bracket (shown as pic. 7), adjust to an ideal height.
- 7) Pull the knob ①, rotate it to the left or right at 90°, until it gets to the lock position (shown as pic. 3). Slightly slide the mounting unit, until the knob pin ① is fully inserted into the hole of the outer tube.
- 8) Check for clearance of handle, trailer light cables, and coupler.

NOTE: Please try to slide the mounting unit again, to make sure the knob pin ① is fully inserted into the hole on the outer tube.

*** The jack can swivel to a horizontal position (parallel to the tongue of the trailer) by pulling the pin ②.**



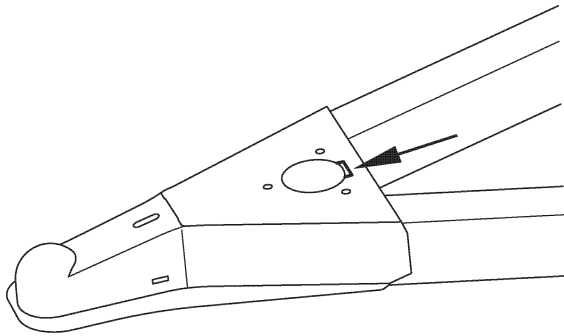
Pic.6



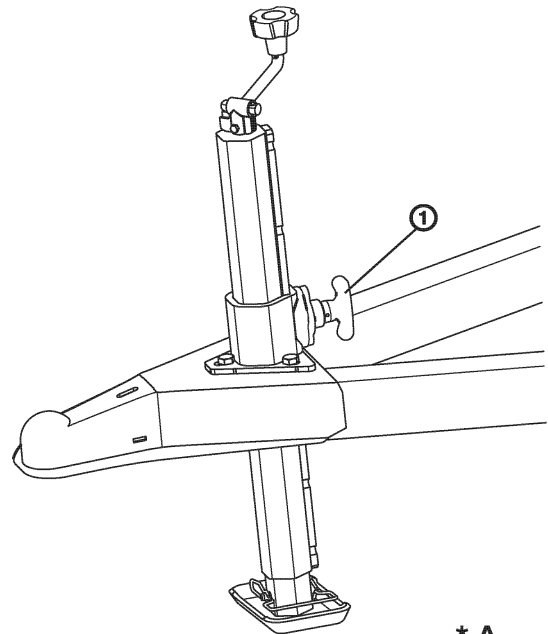
- ① Knob
- ② Pull pin
- ③ Coupling tube
- ④ Pivot tube

* CP
Pic.7

A-Frame Mounting Instructions:



Pic.8



① Knob

* A
Pic.9

NOTE: Please have a firm grip on the jack in case it drops suddenly.

- 1) Modify the hole of the A-Frame coupler according to the outer tube of the hex-jack or the A-Frame mount unit, (as pic.8 shown). Make sure the jack tube can insert into the hole of the coupler.
- 2) Line up the three slotted holes on A-Frame mount unit to the three 3/8" holes in the coupler (as pic. 9 shown).
- 3) Use three 3/8-16 grade 5 bolts and locking nuts with washers to bolt the A-Frame mount unit to the A-frame coupler. Make sure they're totally tightened (as pic. 9 shown).
- 4) Make sure the knob ① on the A-Frame mounting unit is at horizontal direction (unlock position as pic. 3 shown). Insert the tube of the jack into the mounting bracket (shown as pic.9), adjust to an ideal height.
- 5) Pull the knob ①, rotate it to the left or right at 90°, until it gets to the lock position (shown as pic. 3). Slightly slide the mounting unit, until the knob pin ① is fully inserted into the hole of the outer tube.
- 6) Assemble the footplate into the inner tube of the jack.
- 7) Check for clearance of handle, trailer light cables, and coupler.

NOTE: Please try to slide the mounting unit again, to make sure the knob pin ① is fully inserted into the hole on the outer tube.

Maintenance

Check the general condition of the jack before each use.

Apply a lightweight oil to the screw stem of top wind cranking handle at least once a year.

If the product is used in marine environment, flush the jack assembly and bushings with fresh water and apply fresh lubricant.

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