



## INSPECCION Y NIVEL DEL ACEITE

1. Gire la valvula en contra de las manecillas del reloj para permitir que se retraiga completamente el piston.
2. Remueva el plato de inspeccion.
3. Con la unidad en posicion nivelada, remueva el tapon de plastico, levante el gato en posicion vertical el nivel de aceite debera estar al nivel del agujero. si no lo esta, no lo sobre llene, siempre use aceite para equipo hidraulico.
4. Ponga el tapon y el plato de inspeccion en su posicion normal.
5. Revisar la unidad antes de usarlo.
6. Purge el aire del sistema como se requiere.

## TROUBLE SHOOTING

PROBLEM	POSSIBLE CAUSE	ACTION
La unidad no levanta hasta su maximo	Nivel de aceite bajo	Revisar y en su caso agregar aceite hidraulico
La unidad no sostiene la carga	La valvula no esta cerrada completamente aceite hidraulico esta contaminado, las valvulas de la pompa no sellan	Llamar al servicio al cliente
La unidad no regresa a su posicion normal	El cilindro del piston esta doblado tiene partes desgastadas y daños internos. El resorte de regreso esta quebrado o fuera de su posicion	Llamar al servicio al cliente.

## ⚠ PRECAUTION ⚠

- LEA, ESTUDIE Y ENTENDA TODAS LAS PRECAUCIONES E INSTRUCCIONES ANTES DE USAR ESTE PRODUCTO.
- **NO EXCEDA NUNCA LA CAPACIDAD DE ESTA UNIDAD**
- ESTA UNIDAD ES DISEÑADA PARA UTILIZARSE EN SUPERFICIES DURAS Y PLANAS. EL USO EN SUPERFICIES BLANDAS PODRÍA CAUSAR INESTABILIDAD DE LA CARGA
- ESTE ES UN APARATO DE LEVANTAMIENTO SOLAMENTE. DESPUES DE LEVANTAR EL VEHICULO USE TORRES DE SEGURIDAD.
- **NO ENTRE DEBAJO DEL VEHICULO. SIN HABER PUESTO ANTES TORRES DE SEGURIDAD.**
- **NO INTENTE MOVER O DESPLAZAR EL VEHICULO CON ESTE APARATO.**
- **LEVANTE EN LAS AREAS INDICADAS POR EL FABRICANTE DEL VEHICULO.**
- **MANTENGA A LOS NIÑOS FUERA DE LA AREA DE TRABAJO.**
- **NO USE NINGUNA CLASE DE ADAPTADOR QUE NO SEA RECOMENDADO POR EL FABRICANTE.**

Debido al gran peligro, al hacer mal uso de este producto puede haber alteración de su estructura sin consentimiento y autorización por escrito por parte del fabricante o el.



**Torin Jacks, Inc.**

Ontario, CA. 91761

FOR CUSTOMER SERVICE  
PARA EL SERVICIO PARA EL  
CONSUMIDOR

**1-888-44-TORIN**

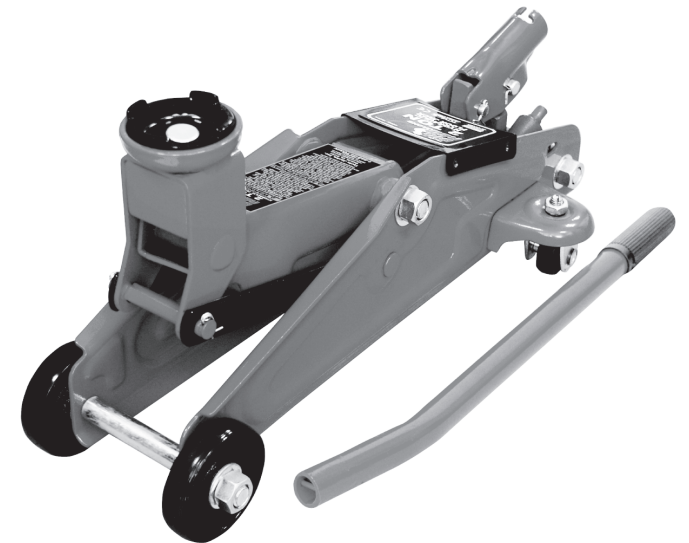
MADE IN CHINA HECHO EN CHINA



OWNERS' MANUAL  
MANUAL DEL  
PROPIETARIO



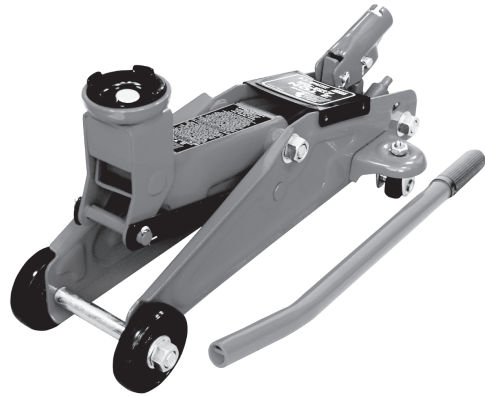
## 2 TON HYDRAULIC FLOOR JACK



## TATO HIDRÁULICO DE 2 TONELADAS



## SPECIFICATIONS



Rated Capacity

**4,000 Lbs MAX**

Lowered Height

**5-5/16"(13.5cm)**

Maximum Height

**13-1/16"(33.2cm)**

## OPERATIONS

The owner and/or operator is responsible for providing maintenance, maintaining all decals or warning labels and while in use, maintaining the unit in good work order. If the owner and/or operator is not fluent in English or Spanish, the product warnings and instructions shall be read and discussed with the operator in the operator's native language by the purchaser/owner or his designee. Make sure that the operator comprehends its contents. Safety information shall be emphasized and understood prior to usage. The jack shall be inspected per the instruction manual prior to use.

It is the owner and/or operators responsibility to study all WARNINGS, operating, and maintenance instructions contained on the product label and instruction manual prior to operation of this unit. The owner/operators shall retain product instructions for future reference.

### Raising Vehicle:

1. Make sure the jack and vehicle are on a hard level surface.
2. Always set the vehicle parking brake and block the wheels.
3. Consult the vehicle owners manual to ascertain the location of jack points and position the jack beneath the prescribed lift point.
4. Turn the release valve clockwise to the closed position. DO NOT OVER TIGHTEN!
5. To raise the vehicle to designed height, place the handle into the socket and pump up and down.
6. Place jack stands beneath the vehicle at locations recommended by the vehicle manufacturer. Do not get under the vehicle without jack stands. Jacks are not designed to maintain heavy loads for long periods of time.
7. Turn release valve SLOWLY counterclockwise to lower load onto jack stands.

### Lowering Vehicle:

1. Turn the release valve clockwise to the closed position.
2. Pump the handle to lift vehicle off of jack stands.
3. Remove the jack stands. Do not get under or let anyone else under the vehicle while lowering.
4. Turn the release valve SLOWLY counterclockwise to lower the vehicle onto the ground.

## INSPECTION

The product shall be maintained in accordance with the product instructions. No alterations shall be made to this product.

1. Before use, a visual inspection of the jack should be made for abnormal conditions such as cracked welds, damage, bent, worn, loose or missing parts, or hydraulic leaks.
2. Inspections shall be performed in accordance with this manual.
3. The product shall be inspected immediately if the jack is believed to have been subject to an abnormal load or shock. It is recommended that this inspection be made by an authorized customer service representative prior to use.

## MAINTENANCE

Monthly maintenance is recommended. Lubrication is critical to jacks as they support heavy loads. Any restriction due to dirt, rust, etc., can cause either slow movement or cause extremely rapid jerks, damaging the internal components. The following steps are designed to keep the jack well lubricated:

1. Lubricate the ram, linkages, saddle and pump mechanism with light oil. Grease wheel bearings and axles.
2. Visually inspect for cracked welds, bent, loose, missing parts or hydraulic oil leaks.
3. If jack is subjected to abnormal load or shock, remove from service and have it examined by a customer service representative prior to use.
4. Clean all surfaces and maintain all labels and warnings.
5. Check and maintain the ram oil level.
6. Check ram every 3 months for any sign of rust or corrosion. Clean as needed and wipe with an oil cloth. When not in use, always leave the saddle and ram all the way down.

**Always store your jack in the fully lowered position. This will help protect critical areas from excessive corrosion.**

Do not use brake or transmission fluids or regular motor oil as they can damage the seals. Always purchase and use products labeled Hydraulic Jack Oil.

## CHECK OIL LEVEL

1. Turn release valve counterclockwise to allow ram to fully retract. It may be necessary to apply force to the saddle for lowering.
2. Remove the inspection plate.
3. With the jack in the level position, remove the oil fill plug. Stand jack in vertical position with handle socket down. The oil should be level with the bottom of fill hole. If not, top off. Do not overfill. Always fill with new, clean hydraulic jack oil.
4. Replace fill plug and inspection plate.
5. Check jack operation.
6. Purge air from system as required.

## TROUBLE SHOOTING

### SYSTEM AIR PURGE:

1. Turn release valve counterclockwise one full turn to open.
2. Pump handle eight full strokes.
3. Turn release valve clockwise to close valve.
4. Pump handle until the lift arm reaches maximum height and continue to pump several times to remove trapped air in the ram.
5. Carefully and slowly pinch oil fill plug to release trapped air.
6. Turn release valve counterclockwise one full turn and lower lift arm to the lowest position. Use force if necessary.
7. Turn release valve clockwise to closed position and check for proper pump action. It may be necessary to perform the above more than once to assume air is evacuated totally.

## TROUBLE SHOOTING

PROBLEM	POSSIBLE CAUSE	ACTION
Jack will not lift to full height	Low oil level	Check oil level
Jack will not hold load	Release valve not closing Hydraulic jack oil contaminated Pump valves not sealing Cylinder ram binding	Call customer service
Lift arm will not lower	Cylinder ram binding Parts worn Internal damage Broken return spring or unhooked Lift arm linkage bent or binding	Call customer service
Jack feels spongy when lifting	See Air Purge section	See Air Purge procedure

## FACTORY SERVICE

Any hydraulic jack found to be damaged in any way, is found to be worn or operates abnormally, believed to have subjected to an abnormal load, "SHALL BE REMOVED FROM SERVICE UNTIL REPAIRED". Owners and/or operators should be aware that repair of the equipment requires specialized knowledge and facilities. Only factory authorized parts, labels and decals shall be used on this equipment. Call customer service department.

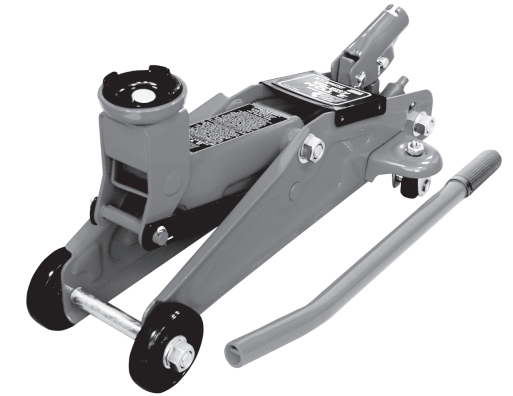
Annual inspection of the jack is recommended and should be made by the manufacturer's or supplier's authorized repair facility to ensure that your jack is in optimum conditions and that the jack has correct decals and safety labels specified by the manufacturer.

## ⚠ WARNING ⚠

- READ, STUDY, AND UNDERSTAND ALL WARNINGS AND OPERATING INSTRUCTIONS PRIOR TO USE
- DO NOT OVERLOAD THIS JACK BEYOND THE RATED CAPACITY.
- THIS JACK IS DESIGNED FOR USE ONLY ON HARD LEVEL SURFACES CAPABLE OF SUSTAINING THE LOAD. USE ON OTHER THAN HARD LEVEL SURFACES CAN RESULT IN JACK INSTABILITY AND POSSIBLE LOSS OF LOAD.
- THIS IS A LIFTING DEVICE ONLY. IMMEDIATELY AFTER LIFTING, SUPPORT THE VEHICLE WITH JACK STANDS
- DO NOT GET UNDER OR ALLOW ANYONE UNDER THE VEHICLE UNTIL IT HAS BEEN SUPPORTED BY JACK STANDS.
- DO NOT MOVE OR DOLLY THE VEHICLE WHILE ON THE JACK.
- LIFT ONLY ON AREAS OF THE VEHICLE AS SPECIFIED BY THE VEHICLE MANUFACTURER.
- CENTER LOAD ON SADDLE PRIOR TO LIFTING.
- NO ALTERATIONS TO THE JACK SHALL BE MADE.
- FAILURE TO HEED THESE WARNINGS MAY RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE.
- DO NOT USE ANY ATTACHMENTS OR ADAPTERS OF ANY TYPE UNLESS SUPPLIED BY THE MANUFACTURER.

**Because of the potential hazards associated with the misuse of equipment of this type, no alterations shall be made to the product without written authorization of the manufacturer or supplier.**

## ESPECIFICACIONES



Capacidad

**4,000 Lbs MAX**

Altura Minima

**5-5/16"(13.5cm)**

Altura Maxima

**13-1/16"(33.2cm)**

## FUNCIONAMIENTO

El operador es responsable de dar mantenimiento y mantener todas las calcomanías y etiquetas de seguridad contenidas en este producto. Si el dueño y/o operador no comprenden inglés y/o español. Las instrucciones de uso y seguridad deben ser leídas y comprendidas en el lenguaje natal del dueño y/o operador por parte del vendedor de este producto. El gato debe de ser revisado del antes de hacer uso de él.

Es la responsabilidad del operador De leer y comprender todas las medidas De seguridad operacion y mantenimiento, antes de usar este producto

### Para levantar el vehiculo:

1. Asegurarse que el gato y el vehiculo estan en una superficie plana
2. Siempre aplique el freno de emergencia y ponua travas en las luanas.
3. Consulte el manual del vehiculo para localizar los puntos exactos de levantamiento del vehiculo.
4. Gire la valvula atajur de las manecillas del reloj, masta lograr cerrarla
5. Para levantar el vehiculo a la altura deseada, instale el maneral dentro del dado y empiece a accionar lo de arriba hacis abajo.
6. Instale soportes de seguridad en los puntos recomendados por el fabricante del vehiculo. No entre debajo del vehiculo sin soportes de seguridad. El gato no esta disenado para mantener el peso del vehiculo por largos periodos de tiempo.
7. Gire la valvula en contra delas manecillas der reloj lentamente hasta lograr macer contacto con los boportes seenridad.

### Para bajar el vehiculo:

1. Gire la valvula a favor de las manecias del reloj, masta lograr cerrarla.
2. Accione el maneral para leuantar el vehiculo lo suficiente para poder retirar los soportes de seguridad.
3. Nunca entre o deje que alguien entre debajo del vehiculo cuando se este bajando.
4. Gire la valvula lentamente en contra de las manecillas del vehiculo cuando se este bajando.

## INSPECCION

El producto debe deser mantenido de acuerdo con el instructiud. Ninguna clase de auteración se le devera de hacer a este producto.

1. Antes de usarlo deberia de inspeccionarlo visualmente por una condicion anormal como: soldadura que brada, liquiadura de aceite, partes flojas o dobladas.
2. El producto de ser inspeccionado inmediatamente si el gato hasido usado inapropiadamente. Se recomienda que la inspeccion sea por parte de una persona autorizada antes de ser usado nuevamente.

## MANTENIMIENTO

Es recomendable hacerlo mensualente.

1. No use liquido de prenos, aceite de transmision o aceite regular, estos podrian danar los sellos.
2. Compre y use aceite hidraulico
3. Mantenga limpio la unidad y las etiquetas de seguridad. Todo el tiempo.
4. Siempre guarde la unidad en posicion completamente hacia abajo.



ITEM.	T42002	T43002	T46002	T412002
Min Height	10 <sup>3</sup> / <sub>4</sub> "	11 <sup>1</sup> / <sub>2</sub> "	15 <sup>1</sup> / <sub>4</sub> "	18 <sup>3</sup> / <sub>16</sub> "
Max Height	16 <sup>3</sup> / <sub>4</sub> "	16 <sup>1</sup> / <sub>4</sub> "	23 <sup>13</sup> / <sub>16</sub> "	28 <sup>1</sup> / <sub>2</sub> "

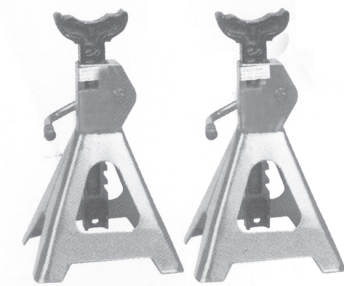
**Torin**™   
**BIG RED JACKS**



**INSTRUCTIONS FOR USE**  
**INSTRUCCIONES PARA SU USO**

**HEAVY DUTY JACK STANDS**  
**RATCHET TYPE**

**SOPORTES REFORZADOS**  
**TIPO TRINQUETE**



**2-TON CAPACITY, RATCHET TYPE**  
**2 TONELADAS DE CAPACIDAD,**  
**TIPO TRINQUETE**



**3-TON CAPACITY, RATCHET TYPE**  
**3 TONELADAS DE CAPACIDAD,**  
**TIPO TRINQUETE**



**6-TON CAPACITY, RATCHET TYPE**  
**6 TONELADAS DE CAPACIDAD,**  
**TIPO TRINQUETE**



**12-TON CAPACITY, RATCHET TYPE**  
**12 TONELADAS DE CAPACIDAD,**  
**TIPO TRINQUETE**

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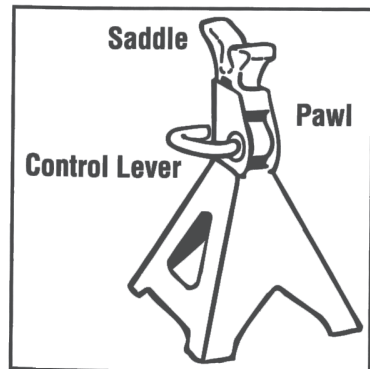
**WARNING:** Do not overload jack stands beyond rated capacity. Overloading can cause damage to jack stands and/or failure resulting in personal injury or property damage. Always center the load on saddle of jack stand. Always use jack stands in pairs on hard, level surfaces capable of sustaining the load. Use on other than hard surfaces can result in jack stand instability and possible loss of load.

**Operation:**

- (1) Refer to your vehicle owner's manual for proper jacking procedures. Lift only on areas of the vehicle as specified by vehicle manufacturer.
- (2) Position jack stands under vehicle at points specified by vehicle manufacturer as proper load support points.
- (3) To adjust jack stands: Hold control lever up while lifting saddle shaft to desired height. Push control lever down to lock pawl into teeth located in center column. Make sure pawl is fully engaged into teeth.
- (4) Carefully lower load onto jack stands.

**Maintenance and inspection:**

- (1) Visual inspection should be made before each use of th jack stands, checking for cracks, cracked welds, and missing and/or damaged parts. Any jack stand that appears to be damaged in any way must be removed from service immediately.
- (2) Because of the potential hazards associated with the misuse of equipment of this type, no modifications should be made to the product.



**ADVERTENCIA:** No se debe sobrecargar los soportes del gato más de su capacidad asignada. La sobrecarga de los soportes del gato puede dañar al aparato y/o puede lesionar a alguna persona o causar daños a la propiedad. Centrar siempre la carga en la montura de los soportes del gato. Utilizar siempre dos soportes del gato sobre superficies duras y niveladas capaces de sostener la carga. Su uso en superficies blandas puede resultar en la inestabilidad del aparato y la pérdida de la carga.

**Operación:**

- (1) Vea el manual del vehículo para informarse sobre el procedimiento apropiado de elevar el auto. Elevar el vehículo solamente por las partes que especifica el fabricante.
- (2) Poner los soportes del gato debajo del vehiculo en aquellos puntos recomendados por el fabricante.
- (3) Para ajustar los soportes del gato, sujetar hacia arriba la palanca de control mientras que se eleva la montura a la altura deseada. Empujar la palanca de control hacia abajo hasta que se bloquee el trinquete en los dientes situados en la columna central. Asegurarse que el trinquete este totalmente enganchado en los dientes.
- (4) Bajar la carga lentamente sobre los soportes del gato.

**Mantenimiento e inspección:**

- (1) Se debe hacer una inspección visual de los soportes del gato antes de cada uso y comprobar que no hay grietas, soldaduras agrietadas y partes dañadas o que se han perdido. No se debe usar ningún soporte del gato que parezca que está dañado de alguna forma.
- (2) Debido a los posibles peligros asociados con el uso inapropiado de equipos de este tipo, no se debe hacer ninguna modificación al producto.

