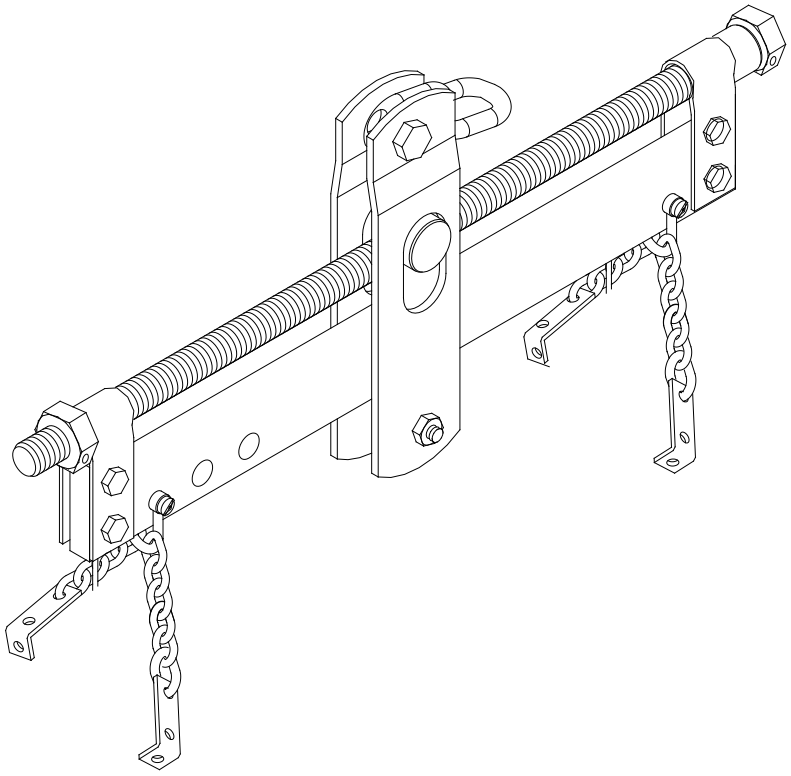
OMEGALIFT™ EQUIPMENT

Engine Leveler

Model
90153

Capacity
1500 lbs.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

⚠WARNING

- Read, understand and follow the instructions before using the product.
- The operating manual and safety information should be communicated in the native language of the operator before use.
- Failure to do so may cause personal injury and or property damage.

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http://www.omegalift.com

Read this manual and follow all the Safety Rules and Operating Instructions before using this product.

90153-M0_102017

SAFETY AND GENERAL INFORMATION

Save these instructions. For your safety, read, understand, and follow the information provided with and on this device before using. The owner and/or operator shall have an understanding of the device, its operating characteristics and safety operating instructions before operating the equipment. The owner and/or operator shall be aware that use and repair of this product may require special skills and knowledge. Instructions and safety information shall be read to and discussed with the operator in the operator's native language, making sure that the operator comprehends their contents, before use of this equipment is authorized. If any doubt exists as to the safe and proper use of this device, remove from service immediately.

Inspect before each use. Do not use if abnormal conditions such as cracked welds, damaged, loose or missing parts are noted. Any equipment that appears damaged in any way, is found to be worn, or operates abnormally shall be removed from service until repaired. If the equipment has been or is suspected to have been subjected to an abnormal load or shock, immediately discontinue use until inspected by a factory authorized repair facility (contact distributor or manufacturer for list of authorized repair facilities). It is recommended that an annual inspection be made by an authorized repair facility. Labels and Operator's Manuals are available from the manufacturer.

PRODUCT DESCRIPTION

The Omega Lift Engine Leveler is designed to be used with a standard engine crane to safely support loads up to 1500 lbs. It assists the removal and installation of engine easily by mounting four bolt-thru brackets to the engine. Heavy duty steel frame helps prevent distortion and twisting. Compliance with factory standards ensure safety, strength and stability.

SPECIFICATIONS

Model	Capacity	Chain Bracket Distance	Chain Length	Frame Size (L x W)
90153	1500 lbs.	10" to 12-1/2"	12"	18" x 7-5/8"

BEFORE USE

1. Before using this equipment, read the operator's manual completely and familiarize yourself thoroughly with the equipment and the hazards associated with its improper use.
2. Verify that the equipment and the application are compatible.
3. Inspect before each use. Do not use if bent, broken or cracked components are noted.
4. Ensure that all parts move freely.

⚠WARNING

- *Study, understand, and follow all instructions before operating this device.*
- *Do not exceed rated capacity.*
- *Assure load is centered and secured to the device.*
- *Never work under a suspended load.*
- *No alterations shall be made to this product.*
- *Failure to heed these markings may result in personal injury and/or property damage.*

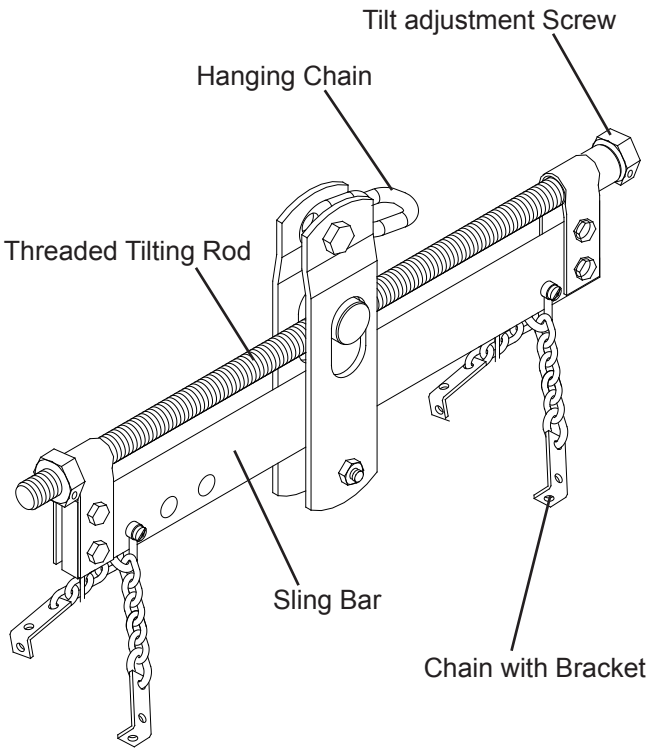

Figure 1 - Engine Leveler Components

OPERATION

1. There are three positions available to adjust the chain bracket width to fit most engines. Adjust to your best fit and ensure that the threaded pin is tightened.
2. Secure Engine Leveler chain brackets to the engine. Attach all four load bearing chains.
3. Engage the Engine Leveler hanging chain to the engine crane hook.
5. Follow vehicle service manual recommendations to remove/install engine.
6. Follow engine crane operating instructions to remove/install engine.
7. When ready to remove engine, lift the engine crane gradually. Lift the engine just enough to locate the center of gravity and adjust the proper angle by turning the tilt adjustment screw.
8. Lift the engine crane high enough to clear the vehicle.
9. Immediately upon removal and when clear of the vehicle, lower the load to lowest practical position.

⚠ **WARNING:** *To avoid crushing and related injuries, NEVER work under a loaded engine leveler or engine crane.*

10. Before moving, ensure the load is:
    a. lowered to lowest practical position and below center of gravity.
    b. prevented from swinging and inadvertent shifting.
11. Position a suitable engine stand near the removed engine, then immediately transfer the load to engine stand.

⚠ **WARNING:** *Do not use the Engine Leveler as a work stand.*

12. Check to ensure stand is secure before working on or around.

MAINTENANCE

Periodically inspect the Engine Leveler, ensuring that all parts move freely. To help prevent rust, wipe clean after each use. If rust appears, sand affected area and cover with suitable utility paint. Store the Engine Leveler in a clean, dry area.

REPLACEMENT PARTS

Not all components of the Engine Leveler are replacement items, but are illustrated as a convenient reference of location and position in the assembly sequence. When ordering parts, please give the Model number, part number and parts description. Call or write for current pricing: SFA Companies 10939 N. Pomona Ave. Kansas City, MO 64153, U.S.A. e-mail: sales@omegalift.com Tel: (888) 332-6419 Fax: (816) 891-6599 Website: http://www.omegalift.com

Item	Part No.	Description	Qty
1	T580-03000-000	Hanging Chain	1
2	T580-01000-000	Chain Group	2
3	T580-01001-000	Threaded Pin	2

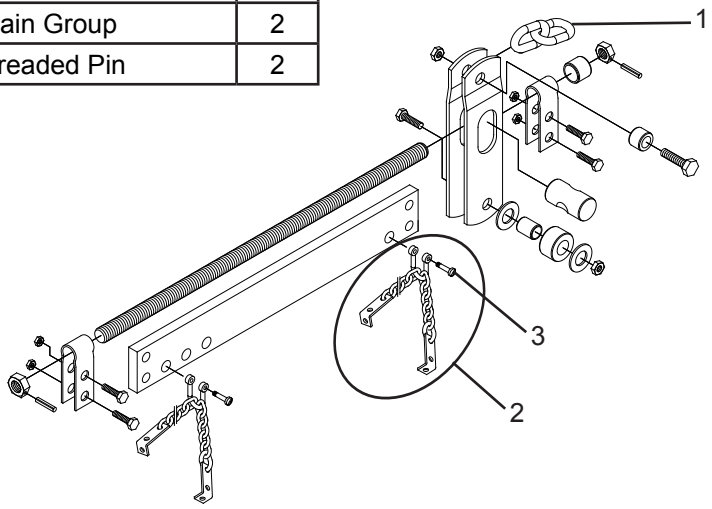

Figure 2 - Engine Leveler Parts Illustration

ONE YEAR LIMITED WARRANTY

For a period of one (1) year from date of purchase, SFA Companies will repair or replace, at its option, without charge, any of its products which fails due to a defect in material or workmanship under normal usage. This limited warranty is a consumer's exclusive remedy.

Performance of any obligation under this warranty may be obtained by returning the warranted product, freight prepaid, to SFA Companies Warranty Service Department, 10939 N. Pomona Ave., Kansas City, MO 64153.

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