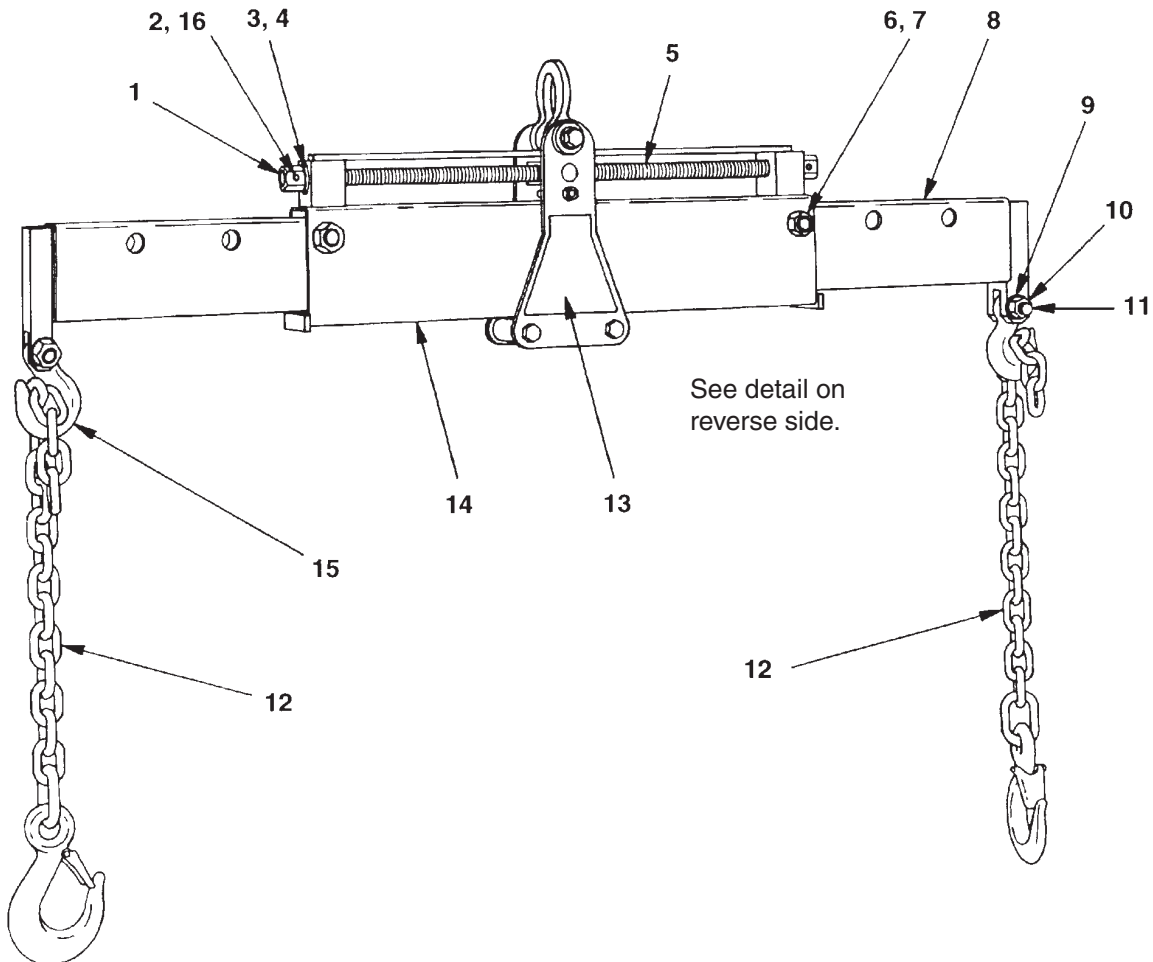


Load Tilter

Max. Capacity: 6,000 lbs. / 2,720 kg.



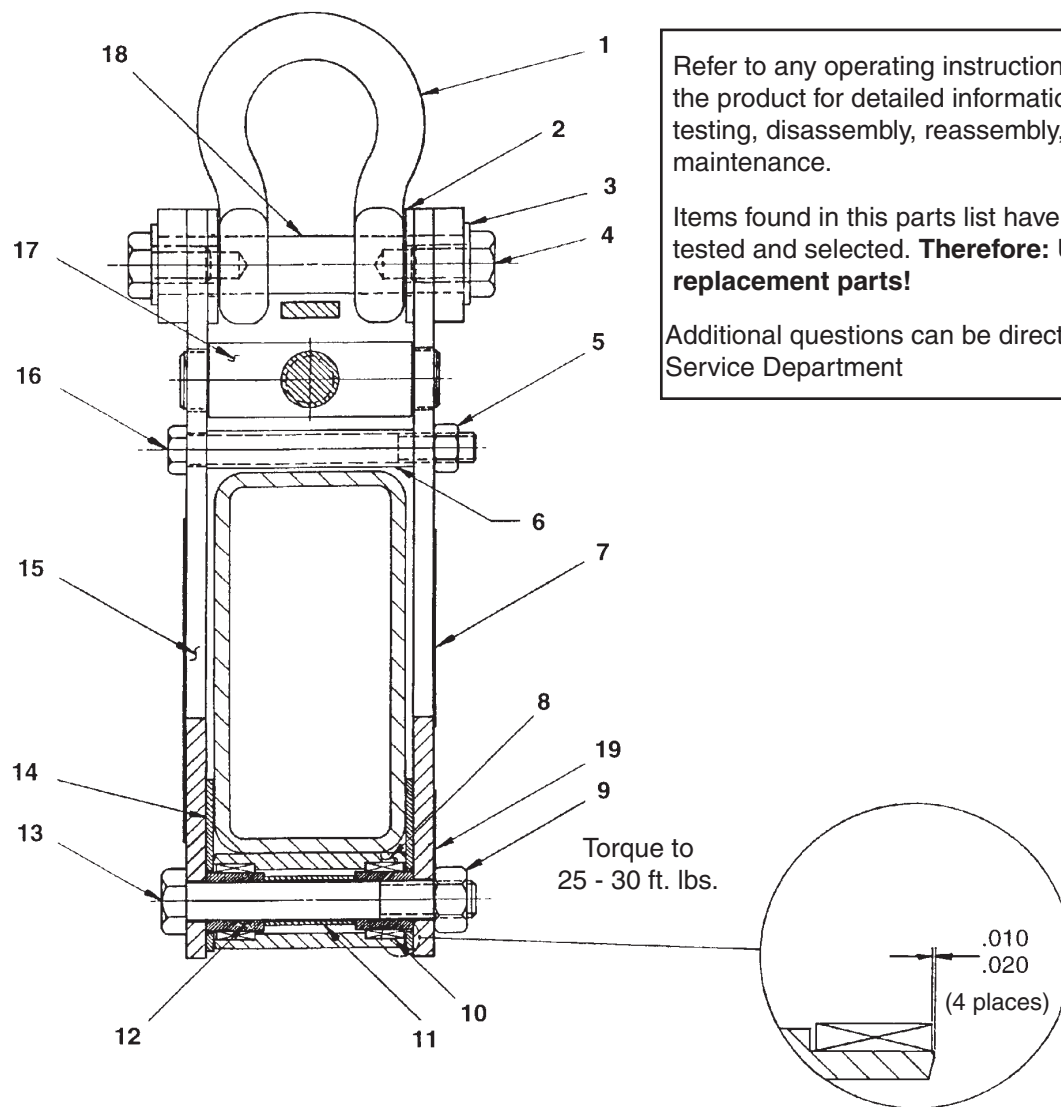
Item No.	Part No.	No. Req'd	Description
1	206675	2	Nut
2	10585	2	Roll Pin
3	206746	2	Thrust Bearing
4	16209	4	Thrust Washer
5	302241	1	Screw
6	16726	2	Hex Hd. Cap Screw (3/4-10 x 3-1/4" Lg.)
7	10216	2	Hex Nut (3/4-10)
8	44242	2	Inner Tube
9	13324	4	Washer (for 5/8" bolt)
10	10213	2	Hex Nut (5/8-18)

Item No.	Part No.	No. Req'd	Description
11	22045	2	Hex Hd. Cap Screw (5/8-18 x 2-1/2" Lg.)
12	302941	2	Chain & Safety Hook
13	302284	1	Warning Decal
14	51726WH2	1	Main Tube
15	16051	2	Eye Grab Hook
16	10481	2	Roll Pin

Parts included but Not Shown

304524	2	Capacity Decal
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LOAD TILTER BODY-END VIEW



Note: Grease bearings (Item 10) before assembly.

Item No.	Part No.	No. Req'd	Description
1	206679	1	Anchor Shackle
2	12330	2	Locknut (for 3/4" bolt)
3	12004	2	Washer (for 1/2" bolt)
4	10075	2	Hex Hd. Cap Screw (1/2-13 x 3/4" Lg.)
5	10204	1	Hex Nut (3/8-16)
6	206678	1	Spacer
7	202173	1	Trade Name Decal
8	302240	2	Roller
9	15013	2	Locknut (1/2-13)
10	209692	4	Needle Bearing

Item No.	Part No.	No. Req'd	Description
11	206680	2	Spacer
12	206681	4	Inner Bearing Race
13	13894	2	Hex Hd. Cap Screw (1/2-13 x 3-3/4" Lg.)
14	302225	2	Wear Pad
15	44240	2	Side Plate
16	144493	1	Hex Hd. Cap Screw (3/8-16 x 3-3/4" Lg.)
17	302244	1	Screw Block
18	302242	1	Pin
19	10303	4	O-Ring

SAFETY PRECAUTIONS



CAUTION To prevent personal injury,

Wear eye protection that meets the requirement of ANSI Z87.1 and OSHA.

Do not attempt to lift a load that exceeds the maximum capacity of 6,000 lbs. / 2,720 kg. Overloaded equipment can fail and cause personal injury. To ensure the load bearing chains are not stressed beyond their capacities, do not adjust the load tilter to an angle greater than 30 degrees (see Figure 2), and do not spread the load bearing chains more than a total of 90 degrees for both chains (see Figure 3).

Secure all adjusting bolts before lifting a load.

Attach **BOTH** arms to the load being lifted; do **NOT** use a single arm setup

The load tilter is not designed for overhead lifting applications. Stay out from underneath a load being lifted or suspended.

OPERATING INSTRUCTIONS

The load tilter is designed to handle and position large, bulky components. The horizontal tilt can be adjusted to compensate for off-center loads, or adjusted to a certain angle for a component being positioned.

1. Hook the load tilter to a crane or hoist.
2. Attach the two load bearing chains to the component. Adjust the extension arms in or out to keep the chain angle at a minimum.
3. Verify the bolts holding the extension arms are securely fastened. See Figure 1.



CAUTION To maintain stability and ensure the load bearing chains are not stressed beyond their capacities:

Do not adjust the load tilter to an angle greater than 30 degrees. See Figure 2

Do not spread the load bearing chains more than a total of 90 degrees for both chains. See Figure 3

4. Lift the component enough to locate the center of balance. Level or adjust the angle of the load tilter by using a wrench to turn either end of the threaded adjustment screw.

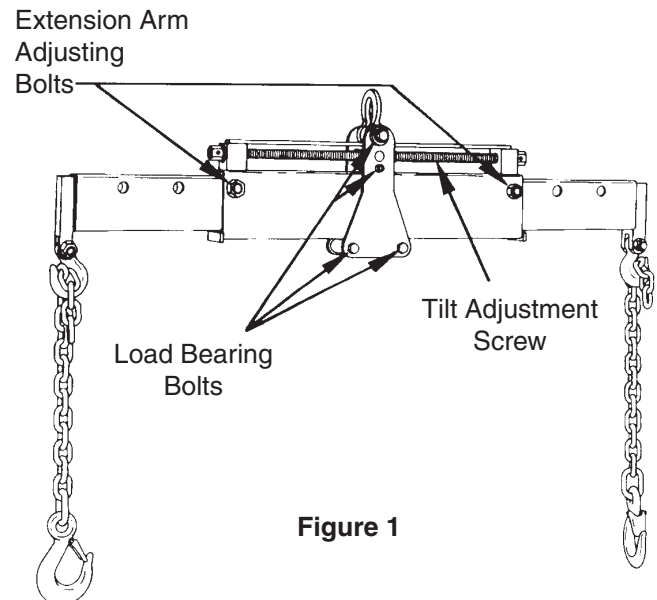


Figure 1

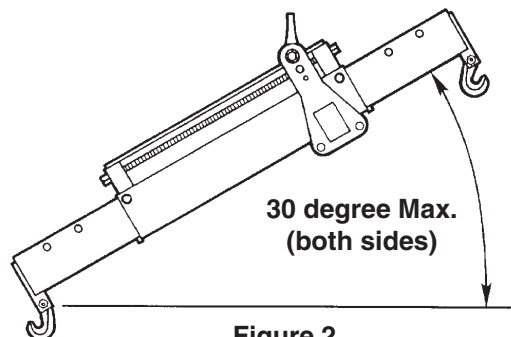


Figure 2

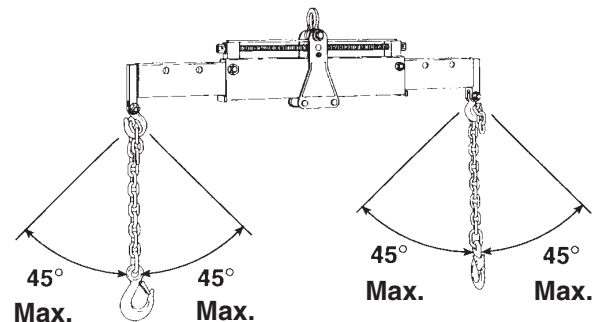


Figure 3

MAINTENANCE

1. Regularly clean and lubricate the tilt adjustment screw. See Figure 1.
2. Keep the four load bearing bolts fastened securely. See Figure 1.

Sheet No. 2 of 2

Rev. Date: 20 Aug. 1996