

# **Offset Bar**

## **Fits Engine Transmission Hoist, #37791**

**Model 38955**

### **Assembly & Operating Instructions**



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**For technical questions and replacement parts, please call 1-800-444-3353.**

THANK YOU for choosing a **HARBOR FREIGHT TOOLS** product. For future reference, please complete the owner's record below:

**Model** \_\_\_\_\_ **Serial No** \_\_\_\_\_ **Purchase Date** \_\_\_\_\_

SAVE THE RECEIPT, WARRANTY AND THESE INSTRUCTIONS. It is important that you read the entire manual to become familiar with the unit BEFORE you begin assembly.

#### Technical Specifications

**Tool Name:** Offset Bar - Fits Engine Transmission Hoist, #37791  
**SKU:** 38955  
**Weight:** 10 Lbs.  
All Steel Construction

**Product Use:** Offset Bar to be attached to Engine Transmission Hoist #37791 for increased stability.



***READ ALL INSTRUCTIONS BEFORE USING THIS PRODUCT!***

#### The Operator

COMMON SENSE AND CAUTION ARE FACTORS WHICH CANNOT BE BUILT INTO ANY PRODUCT. THESE FACTORS MUST BE SUPPLIED BY THE OPERATOR. PLEASE REMEMBER:

Do not operate the product if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment/reflexes might be impaired.

Do not wear loose clothing or jewelry as they can be caught in moving parts.

Protective gloves and non-skid footwear is recommended.

Wear restrictive hair covering to contain long hair.

Use eye and ear protection. Always wear:

ANSI approved impact safety goggles.

Maintain proper footing and balance at all times.

Never allow anyone under a loaded hoist

#### Work Area

TO AVOID RISK OF PERSONAL INJURY, EQUIPMENT DAMAGE, FIRE AND SHOCK, MAKE SURE YOUR **WORK AREA** IS:

Free of damp, wet or rainy conditions

Free of children (never let them handle tools or machinery)

Well-lit, clean and uncluttered

## Before Operating

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**If there is any question about a condition being safe or unsafe, DO NOT operate the tool.**

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Before using any tool, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function.

Be certain to read all operating instructions on your Offset Bar prior to operation. Before operating, check for damaged parts. You should also:

Make sure that chains and links are in good condition and well connected.

Be sure to check that hooks and chains are not damaged or tangled.

Make sure all clamps, locks and bolts are tight.

## Unpacking

UNPACK AND CHECK CONTENTS - refer to Parts Diagram on page 5

When unpacking your Offset Bar, check to make sure all the parts are included. If any parts are missing or broken, please call **HARBOR FREIGHT TOOLS** at **1-800-444-3353**.

## Assembly

**Before you begin assembly, please become familiar with the Parts Diagrams found on page 5.**

- Step 1) Attach Rubber Leg Cap (part P) to Offset Bar (part M) foot;
- Step 2) Set aside the Offset Bar Holding Device (part K) - refer to Parts Diagram on page 5. Loosen the thumb screw on the Anti-Slide Device (part G of the Engine Transmission Hoist assembly) so that you can take the beams apart. For easier assembly it may be necessary to remove from the Engine Transmission Hoist assembly the Anti-Slide Device, the Cable Puller with Bracket and the Holding Device with Hook (parts E, G, J). Slide the Offset Bar Holding Device (part K) onto the Large Tube of the Hoist Assembly (part B) keeping the welded pipes toward you. If necessary, reinstall the Anti-Slide Device, the Cable Puller with Bracket and the Holding Device with Hook (parts E, G, J). Slide Offset Bar (part M) into Large Tube (part B).
- Step 3) Bolt the 2 Point Offset Holding Fixture (part L) under the Offset Bar Holding Device (part K). Make certain that the weld nuts are on top. Using Bolts (part T), bolt to the Holding Device (part K) from underneath so that the washers (part X) and nuts (part V) are on top - see Parts Diagram on page 5).
- Step 4) Slip the Single Point Holding Device (part N) onto the long end of Offset Bar (part M) so that the weld nut is on top. Insert Offset Bar (part M) through the 2 Point Offset Holding Fixture (part L). Insert and tighten all three Thumb Screws (part O).
- Step 5) Attach the Lifting Chain Assembly (part S) to the housing in the Single Point Holding Device (part N).

### **WARNING:**

**Before using be certain to tighten all top mounted thumb screws.**

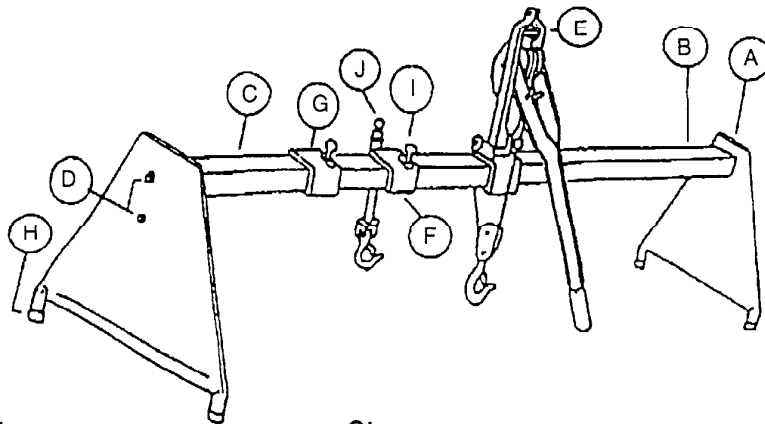
### **Operation**

Never force the tool or attachment to do the work of a larger industrial tool. It is designed to do the job better and more safely at the rate for which it was intended.

Since the Offset Bar is meant to be a stabilizing bar for the Transmission Hoist (#37791), it can not be used without the Transmission Hoist. Therefore, for complete operating instructions, please refer to the Transmission Hoist Manual (#37791).

# Parts Diagrams

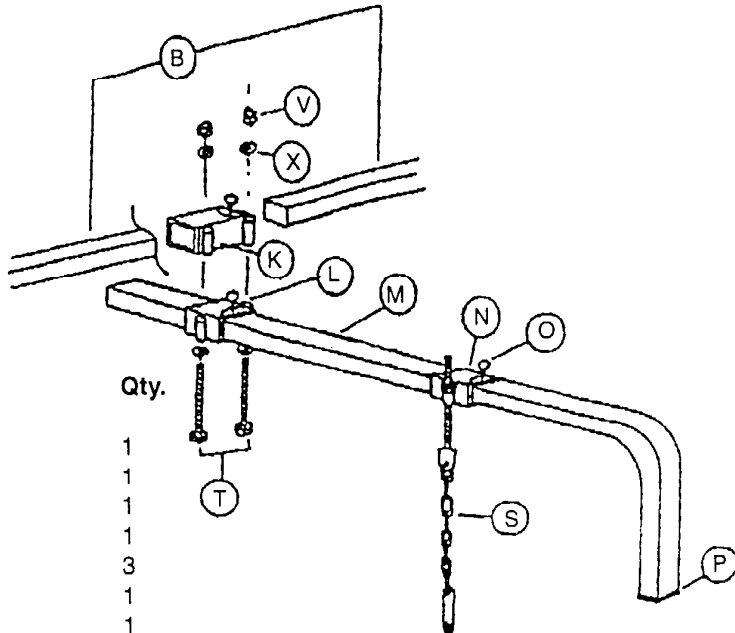
## #37791 - Transmission Hoist - 500 Lb. Capacity



### Parts List

No.	Description	Qty.
A	Side Support Plate	2
B	Large Tube	1
C	Small Tube	1
D	Bolt M8x30mm	4
E	Cable Puller with Bracket	1
F	Holding Device Collar	1
G	Anti-Slide Device	1
H	Rubber Leg Foot	4
I	Thumb Screw M8x25mm	3
J	Holding Device with Hook	1

## #38955 - Offset Bar for #37791



### Parts List

No.	Description	Qty.
K	Offset Bar Holding Device	1
L	2 Point Offset Holding Fixture	1
M	Offset Bar	1
N	Single Point Holding Device	1
O	Thumb Screw M8x25mm	3
P	Rubber Leg Cap	1
S	Lifting Chain Assembly	1
T	Bolt M10x135mm	2
V	Nut M10	3
X	Flat Washer 010	5