

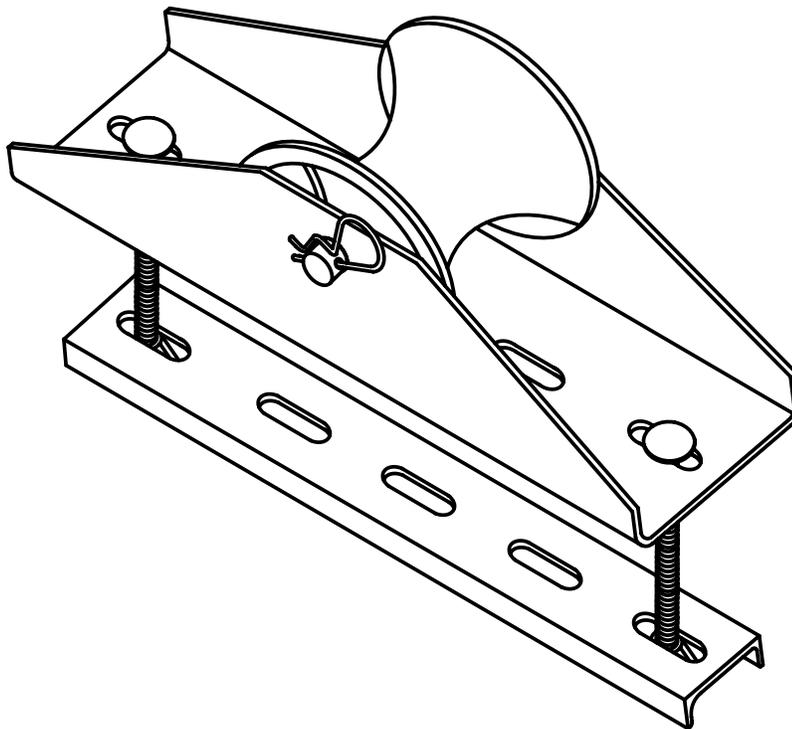


# **Current Tools**

FOR THE PROFESSIONAL ELECTRICIAN

## **Cable Tray Sheaves**

**Models 951TR and 952TR**



## **Operating, Maintenance, Safety and Parts Manual**

03/16



**Read and understand this material before operating or servicing this sheave. Failure to understand how to safely operate and service this sheave may result in serious injury or death.**

This manual is free of charge. All personnel who operate this sheave should have a copy of this manual and read and understand its contents. To obtain a copy, call, write to the address below, or visit our website.

**CURRENT TOOLS • P. O. BOX 17026 GREENVILLE, SC 29606**  
**800.230.5421 or 864.721-4230 • FAX 864.721.4232**  
**[www.currenttools.com](http://www.currenttools.com)**

## TABLE OF CONTENTS

<i>Safety Alerts</i> .....	2
<i>Safety Information</i> .....	3
<i>Installation Instructions</i> .....	4
<i>Exploded View and Parts List</i> .....	5

## SAFETY ALERTS



### Safety Alert Symbol

THIS SAFETY SYMBOL is used to call your attention to instructions that concern your personal safety. It means: ATTENTION! BE AWARE! THIS IS AN IMPORTANT SAFETY INSTRUCTION!

Read, understand and follow these safety instructions. Failure to follow these safety instructions may result in injury or death.

#### **DANGER**

Immediate hazards which, if not avoided, WILL result in serious personal injury or death.

#### **WARNING**

Hazards or unsafe practices which, if not avoided, COULD result in serious personal injury or death.

#### **CAUTION**

Hazards or unsafe practices which, if not avoided, COULD result in minor personal injury or property damage.

## RETAIN SAFETY INFORMATION



This manual should be read and understood by all personnel who operate or service this sheave. Failure to understand how to safely operate and service this unit could result in injury or death. This unit should only be operated or serviced by qualified personnel.



## IMPORTANT SAFETY INFORMATION

Follow ALL safety information provided by the manufacturer.

**⚠ WARNING**

Read and understand the cable manufacturer's and the cable tray manufacturer's specifications and instructions when pulling cable in tray.

**⚠ WARNING**

Be aware that a cable puller may exert up to **twice** its rated capacity on any component in the pulling set-up.

**⚠ WARNING**

ALWAYS inspect the structural integrity of any anchoring system that will hold the cable tray sheave during the pull. These supports should be able to withstand **twice** the maximum pulling force of the cable puller.

**⚠ WARNING**

Rope or cable must ALWAYS be pulled over a rotating sheave. If a sheave does not rotate, turn cable puller off immediately and determine the cause before continuing pull.

**⚠ WARNING**

All instructions and safety information supplied with the cable puller must be read and understood. Failure to understand how to safely operate and service the cable puller could result in serious injury or death.

**⚠ WARNING**

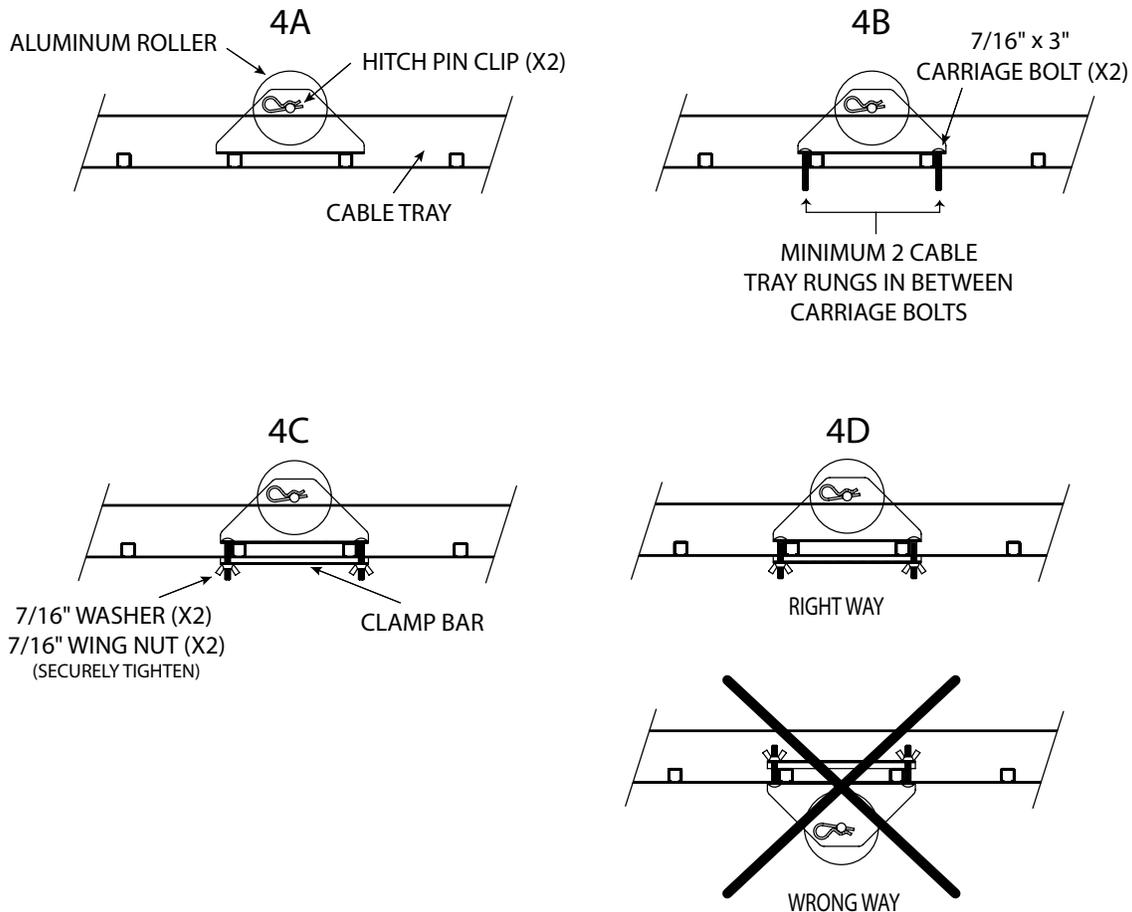
Cable tray sheaves are for use in cable pulling only. DO NOT use for lifting personnel or equipment. Failure to observe this warning could result in serious injury or death.

**⚠ CAUTION**

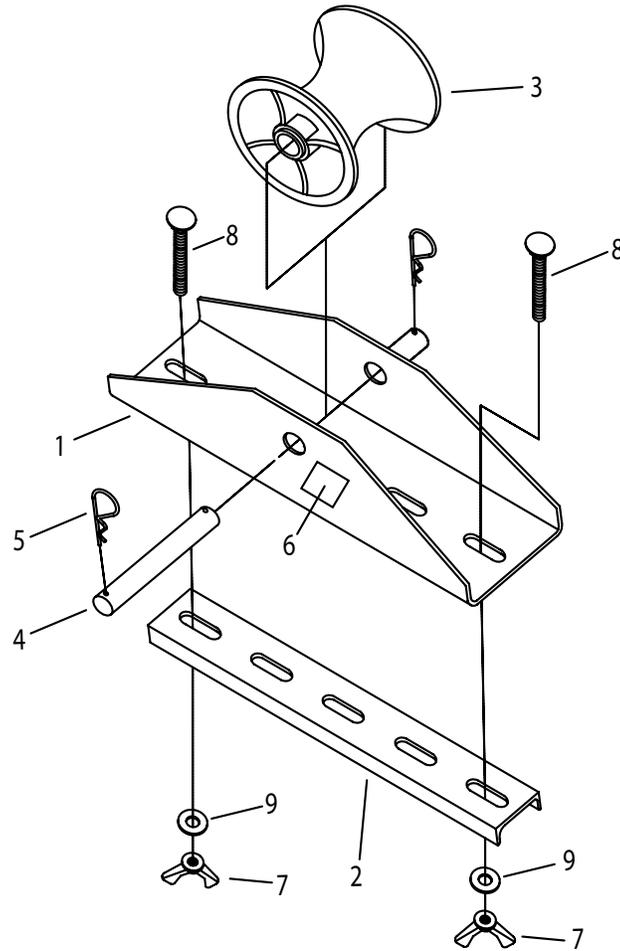
ALWAYS wear safety glasses. Failure to wear eye protection could result in eye injury from flying debris.

# INSTALLATION INSTRUCTIONS

1. Determine location on the cable tray where the cable tray sheave is to be positioned and place the cable tray sheave onto the TOP SIDE of the cable tray (See Figure 4D). Make sure that the aluminum roller is pinned into the cable tray sheave frame and both hitch pin clips are properly installed in the sheave pin (See figure 4A).
2. Insert two 7/16" X 3" carriage bolts into two of the slots in the bottom of the cable tray sheave frame, making sure that at least two cable tray rungs are in between the two bolts. The square part on the lower side of the carriage bolt head should seat into the slot on the tray sheave frame (See Figure 4B).
3. Attach clamp bar to the bottom side of the tray by raising the clamp bar to the bottom side of the tray, installing washer on the carriage bolt and screwing 7/16" wing nuts onto the carriage bolts. Clamp bar must not extend past either end of the cable tray sheave frame (see Figure 4C). Clamp bar can be positioned with the flat side up or the bent side up during installation (See Figure 4C). Securely tighten both wing nuts.



## EXPLODED VIEW



## PARTS LIST — 951TR AND 952TR

ITEM #	PART# 951TR	PART# 952TR	QTY	DESCRIPTION
1	951TR-071	952TR-072	1	MAIN FRAME
2	951TR-029	952TR-030	1	CLAMP BAR
3	406-4	406-4	1	ALUMINUM SHEAVE
4	406-362	406-362	1	SHEAVE PIN
5	406-3	406-3	2	HITCH PIN CLIP
6	951TR-3	952TR-3	1	DECAL
7	951TR-5	951TR-5	2	WING NUT – 7/16"
8	951TR-4	951TR-4	2	CARRIAGE BOLT – 7/16" x 3"
9	280-2F	280-2F	2	WASHER - FLAT 7/16"