



1. FAILURE TO FOLLOW THESE INSTRUCTIONS COULD CAUSE A HAZARDOUS CONDITION!
2. THE CENTER OF THE FIFTH WHEEL LOCKS MUST ALWAYS BE ON OR AHEAD OF THE TRACTOR REAR SUSPENSION CENTERLINE.
3. QUALIFIED WELDERS SHOULD PERFORM ALL WELDING. USE A PROCEDURE THAT DEVELOPS A QUALITY WELD AND PROTECTS THE TRACTORS ELECTRICAL SYSTEM. JOST RECOMMENDS A LOW HYDROGEN PROCESS AND AWS E70XX FILLER METAL. DO NOT WELD ON FIFTH WHEEL TOP PLATE.
4. THE FIFTH WHEEL LOCKING MECHANISM IS FACTORY ADJUSTED; DO NOT RE-ADJUST.
5. AFTER INSTALLATION PULL RELEASE HANDLE TO UNLOCKED POSITION AND CHECK FOR PROPER OPERATION BEFORE USE; DO NOT USE ANY FIFTH WHEEL, WHICH FAILS TO OPERATE PROPERLY.
6. USE ONLY WITHIN RATED CAPACITIES AND IN CONJUNCTION WITH SAE KINGPINS AND TRAILER UPPER COUPLERS.

### GENERAL RECOMMENDATIONS:

#### 1. INSTALLATION PROCEDURES:

The installer may wish to consult other installation recommendations such as the TMC recommended practice RP603B, the OEM Tractors' Body Builders Book or the latest SAE and DOT standards.

#### 2. TILT STOPS:

Rear tilt stops required to limit rearward articulation to 20° max. (see figure #1).

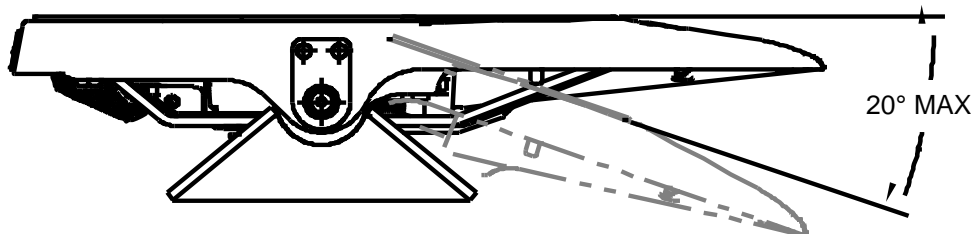
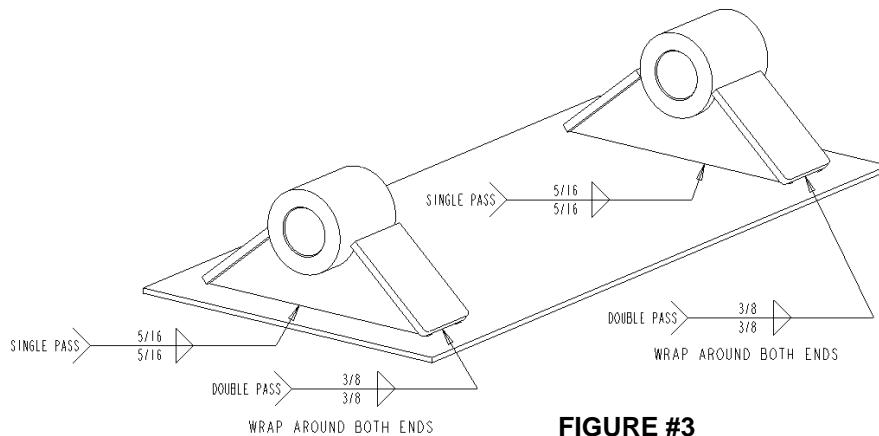
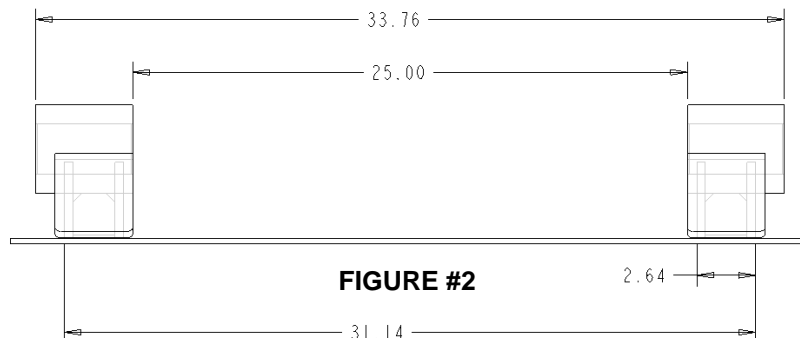


FIGURE #1

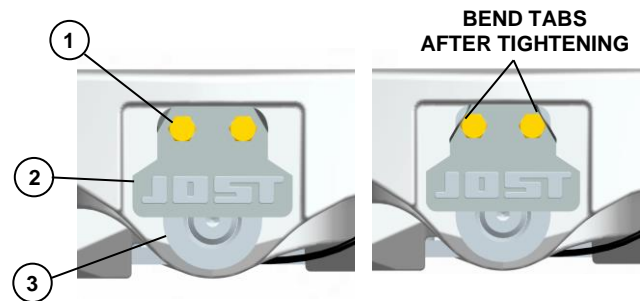
### 3. BRACKET MOUNTING:

- Locate and clamp the brackets (see Figure #2). Be sure that the brackets are inline and square. Securely tack weld the brackets to the mounting plate and check that the fifth wheel fits and articulates properly.
- Weld the brackets to the mounting plate as instructed in figure #3.



### INSTALL JOST JSK37Y TOPPLATE:

- Using a suitable lifting device, lower the new Jost topplate onto the mounting bracket.
- Install the pivot pins (figure 4 item 3) aligning the flange with the threaded holes in the topplate casting.
- Align a locking tab (item 2) with each pivot pin and install the hex head cap screws (item 1) thru the locking tabs, the pivot pin flange and into the topplate casting ears.
- Bend the locking tabs over each cap screw as shown in figure 4.



### INSPECTION AND LUBRICATION:

- Inspect the installation. Make certain all fasteners are installed and properly tightened. Review the installation procedures; make certain all steps are completed.
- Check the locking mechanism using a lock tester as described in the Maintenance Procedure (LT SK37U-03).
- Apply grease containing "extreme pressure additives" to the top of the fifth wheel plate.
- Inspect bracket pin bolts making sure locking tabs are properly securing the bolts in plate (see figure #4).