

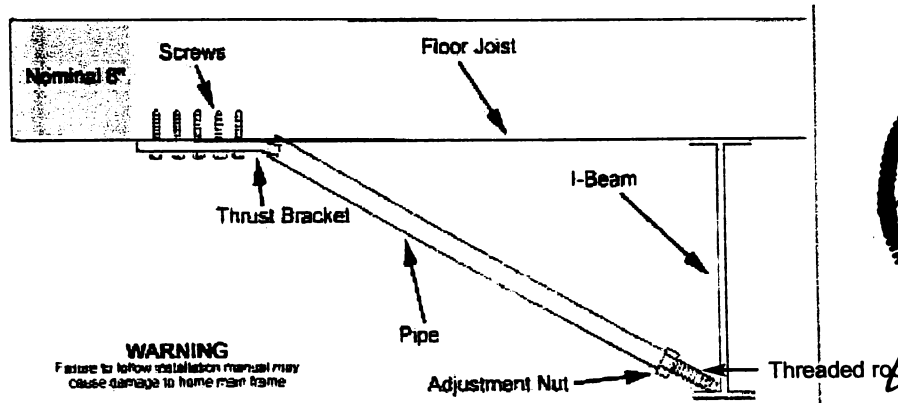


MANUFACTURED HOUSING FOUNDATION SYSTEMS
OLIVER TECHNOLOGIES, INC.

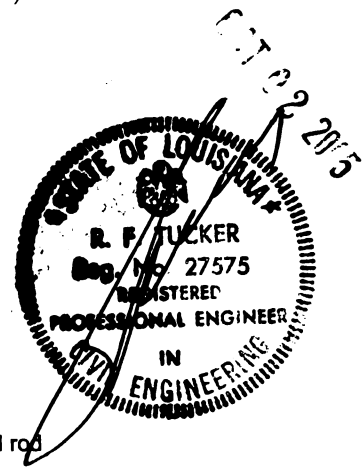


**ADJUSTABLE OUTRIGGER
 INSTALLATION INSTRUCTIONS**

1. Locate the floor joist that requires support.
2. Mark I-beam directly under the floor joist to align outrigger.
3. Adjust the nut on the threaded rod so it clears the frame flange for easy adjustment.
4. Set the threaded rod in the pipe and against the frame.
5. Set the notched end of the thrust bracket into the end of the pipe and secure it with 5 # 12X2" screws to the floor joist. The thrust bracket should be approximately 6" from the outside rim joist.
6. Bottom board and insulation should be between bracket and joist.
7. For minor adjustments align door and window openings by tightening or loosening the adjustment nut. For all other adjustments use a hydraulic jack to raise the floor joist before installation of the outrigger.



WARNING
 Failure to follow installation manual may cause damage to home main frame



NOTE:

- * Remove outrigger when home is being transported.
- * Specify width of home when ordering outrigger.
 In some cases the pipe may be too long (cut to fit).
- * The adjustable outrigger shall only be used on homes for openings up to 6' with a 40 lbs. roof load, check the home manufacturer's installation instructions for limitations on opening widths.
- * Do not install adjustable outrigger at locations where the home manufacturer indicates a load in excess of 1,700 lbs.
- * When adjustable outriggers are used for door or window supports, the adjustable outrigger must be installed on the closest floor joist up to 16" from the outside edge of the opening.
- * The Adjustable Outrigger must be used on a minimum 10" I-Beam
- * The adjustable outrigger must be installed within 4' of a main frame pier or frame crossmember.

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