GEORGE DALE
Commissioner of Insurance
State Fire Marshal

LEE HARRELL
Deputy Commissioner

MILLARD D. MACKEY, CFI
State Chief Deputy Fire Marshal

LARRY BARR
State Fire Coordinator

STATE OF MISSISSIPPI

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State Fire Marshal's Office
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State Fire Coordinator
(601) 359-1062

August 13, 2002

VIA CERTIFIED MAIL
Scott Oliver
Oliver Technologies, Inc.
467 Swan Avenue
Post Office Box 9
Hohenwald, Tennessee 38462

Re: Reply to Test Reports of Model Anchors, Straps and Stabilizers Plates

Dear Mr. Oliver:

This is in response to your letter/documentation dated June 14, 2002 (received June 28, 2002), concerning your request for the State of Mississippi approval for use of the above referenced anchors, straps and stabilizing devices.

The Manufactured Housing Division of the State Fire Marshal's Office has reviewed with interest the engineered drawings and testing data of the various devices, and has determined that the documentation is consistent with the objectives of the "Mississippi Rules and Regulations for the Uniform Standards Code for the Factory-Built Homes Law (MH-4)" codified as §75-49-1 et seq. of the MISS CODE 1972 ANN, as amended, with respects to anchors and tiedown specifications.

We have concluded that if your company, Oliver Technologies, Inc., referenced equipment is: **(i)** approved for use by the manufactured home's manufacturer; **(ii)** installed in accordance with your company's installation instructions; **(iii)** is not altered from the specifications identified in your documentation, **(iv)** and, conforms with applicable Federal Standards. Then, it is considered as approved for use in the State of Mississippi.

You may contact this office at (601) 359-1061 with questions or comments.

Sincerely,

Eugene Humphrey, Jr.
Assistant Chief Deputy Fire Marshal
Fire Code Enforcement/Manufactured Housing Division

cc: Millard D. Mackey, CFI
State Chief Deputy Fire Marshal

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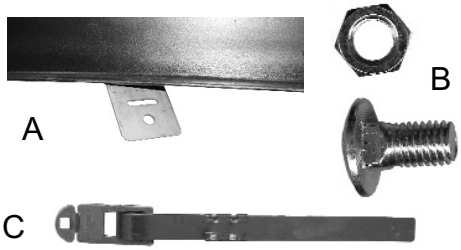
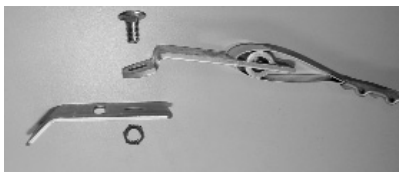
Longitudinal Frame Connections OTQC (1 7/8") or OT 2002 (1 1/2")

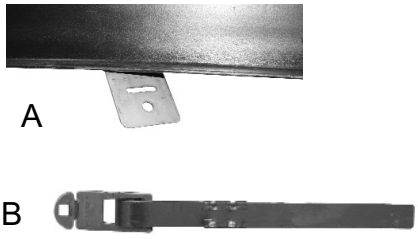


A= Typical longitudinal bracket installed by home manufacturer.
B= Bolt & Nut
C= Quick Connector with factory installed strap



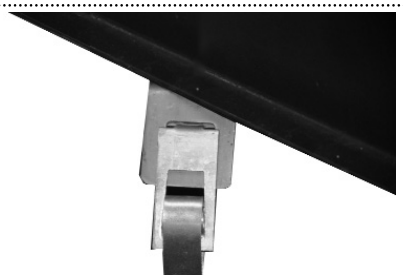
Step 1: Locate the longitudinal bracket installed by home manufacturer, insert bolt through hole in Quick Connector then through hole in bracket.
Step 2: Place nut on bolt and tighten.

Step 3: Refer to strapping page for proper installation of strap.



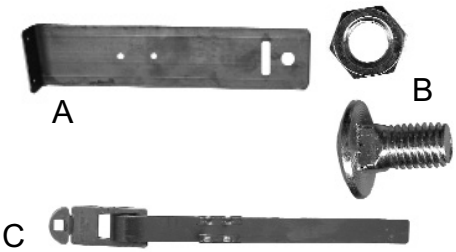
A= Typical longitudinal bracket installed by home manufacturer.
B= Quick Connector with factory installed strap

Step 1: Locate the longitudinal bracket installed by home manufacturer, insert Quick Connector into bracket slot at 45 degree angle.



Step 2: Turn Quick Connector until locked into position.
Step 3: Refer to strapping page for proper installation of strap.

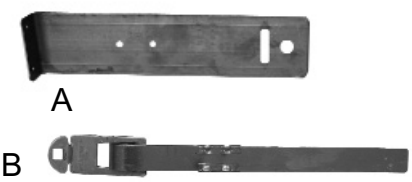
Sidewall Frame Connections OTQC or OT 2002



A= Typical sidewall bracket installed by home manufacturer.
B= Bolt & Nut
C= Quick Connector with factory installed strap

Step 1: Locate the sidewall bracket installed by home manufacturer, insert bolt through hole in Quick Connector then through hole in bracket.

Step 2: Place nut on bolt and tighten.
Step 3: Refer to strapping page for proper installation of strap.



A= Typical sidewall bracket installed by home manufacturer.
B= Quick Connector with factory installed strap

Step 1: Locate the sidewall bracket installed by home manufacturer, insert Quick Connector into bracket slot at 45 degree angle.

Step 2: Turn Quick Connector until locked into position.
Step 3: Refer to strapping page for proper installation of strap.

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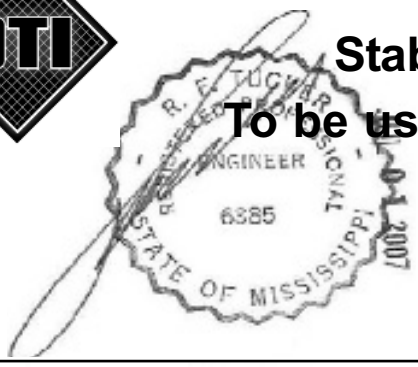
Installation Instructions

Stabilizer Plate Model #OTMSP2P

To be used with anchor Model # OT3646BP



PATENT 6,298,611 B1


Figure 1


Figure 2


Figure 3


Figure 4


Figure 5

1. (Two person operation): Attach anchor to machine, place anchor in proper position in line with strap.
2. Install (fig.1) the anchor into the ground leaving 14” - 16” of the rod exposed.

3. Place the stabilizing plate (fig.2) in front of the shaft in the direction of pull. Always remove vegetation under stabilizing plate.

4. Drive the stabilizing plate into the ground (fig.3) .

5. The anchor is then turned into the ground (fig.4) to a point where the bottom of the tension head is at or slightly below ground level. Engineered to allow ground anchor to be installed at a slight back angle of 10 degrees.

6. Use Galvanized Strapping page for installation instructions for proper tensioning on anchor and stabilizer plate (fig. 5) .

* Anchors must be approved by the authority having jurisdiction.
* Anchor must be installed in the correct soil types, 276 in. lbs (class 4) or greater.
*When the rod is installed vertically with no stabilizer plate, the maximum allowable working load on a single vertical tie is 3150 lbs.
*When the anchor rod is installed vertically with an OTMSP2P stabilizer plate the maximum allowable working load on a single tie (or the maximum allowable working resultant load of two ties) is 3150 lbs between 45 and 90 degrees from horizontal.
*OTI anchors and components will perform at this design load regardless of the wind pressures and distance from the coastline, provided that the number, location and spacing of the components is such that the design load of 3150 lbs is not exceeded.

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