



LIPPERT
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Formerly  Atwood Mobile Products

LITERATURE NUMBER **MPD 85810**

TELESCOPING STABILIZER

ENGLISH

•Installation •Operation •Maintenance

Effective 11/21/07

SAFETY ALERT SYMBOLS

Safety Symbols alert you to potential personal safety hazards. Obey all safety messages following these symbols.



WARNING

avoid possible
injury or death



CAUTION

avoid possible
injury and/or property damage

For your safety read all instructions before operating landing legs.

Installer: Provide these instructions to the consumer.

Consumer: Keep documents for future reference.

DO NOT EXCEED CAPACITY

STABILIZER	2" SQUARE	2.5" SQUARE
MAXIMUM VERTICAL LOAD	3,000 LB.	6,000 LB.



WARNING

TRAILER CAN MOVE OR COLLAPSE

- Never exceed the rated capacity.
- **STABILIZERS ARE NOT DESIGNED TO BE USED AS TRAILER JACKS.** Do not use the stabilizer to lift or support the trailer during tire changes, axle work or trailer servicing (the trailer weight will exceed the capacity of the stabilizer). The stabilizer is designed to stabilize a portion of the trailer's weight. Support the front end of the trailer with structural stands rated for the GVWR of the trailer.
- The pin between the housing and drop tube should be the same diameter as the adjustment hole in the drop tube. Otherwise premature wear on drop tube and housing can occur.

INSTALLATION



CAUTION

HAZARDOUS FUMES

- Adequate ventilation must be provided when welding.

WELDING INSTRUCTIONS

- **M.I.G. OR STICK** - Attach with 3/16" fillet weld minimum.
 - **M.I.G. WELDING** - Use A.W.S. ER 70S-3 or 6 wire or equivalent with a diameter of .035 - .045. The recommended shielding gas mixture is 75% - 95% Argon & 25% - 5% CO₂.
 - **STICK WELDING** - Use E6011 A.W.S. welding rod or equivalent. Recommended machine settings for specific electrode diameters are as follows: 1/8" electrode set power between 115-130 Amps DC or 5/32" electrode set power between 140-160 Amps DC.
1. Weld two sides of housing to structural attachment point on trailer surface (FIG 3-A, 4-A & 4-B). Use a minimum of 4" of 3/16" fillet linear weld total on **each** side, stitch or continuous (FIG 4-A & B). See welding instructions. When locating housing on trailer make sure access for lock pin is available for easy adjustment.
 2. Assemble foot pad (FIG 1-D) to drop tube (FIG 1-B) with bridge pin clip (FIG 1-C) and clevis pin (FIG 1-E) for 2.5" square stabilizer.

3. Assemble drop tube (FIG 1-B) to 2.5" square housing (FIG 1-A) in a fully retracted position using lock pin (FIG 1-G). For 2" square, assemble drop tube to housing with the ball detent pin (FIG 1-F). Mount footpad with its length running from front to rear of the trailer.

NOTE: Optional spring-loaded pull pins (FIG 2-A Pull Pin or FIG 2-B on the 2.5" square stabilizer "SNAPS™") are available to replace FIG 1-G or F respectively. There must be a half-hole at the bottom of the housing in order to use the pull pin. If using a pull-pin, assemble it to the housing per its instruction manual.

OPERATION



WARNING

MOVING PARTS CAN CRUSH OR CUT OR PINCH POINT

- Keep hands and clothing away from moving parts.



WARNING

TRAILER CAN MOVE OR COLLAPSE

- Never exceed rated capacity of stabilizer.
- **STABILIZERS ARE NOT DESIGNED TO BE USED AS TRAILER JACKS.** Do not use the stabilizer to lift or support the trailer during tire changes, axle work or trailer servicing (the trailer weight will exceed the capacity of the stabilizer). The stabilizer is designed to stabilize a portion of the trailer's weight. Support the front end of the trailer with structural stands rated for the GVWR of the trailer.
- Chock both sides of trailer wheels before operating stabilizer.
- All legs must touch the ground or the surface at the same time.
- Retract stabilizer completely before towing trailer.



CAUTION

SECURE TRAILER BEFORE TRAVELING

- Before retracting, ensure there is no load on the stabilizer. Securely latch hitch before retracting stabilizer.
- Lock pin spring clip must be positioned around stabilizer and secured over end of pin on opposite side of housing tube. This prevents pin from coming out during travel (FIG 1-G).
- **FOR 2.0" STABILIZER** insure the ball detent pin is fully extended through the leg (FIG 1-F).

TO EXTEND THE STABILIZER - Remove the pin in the drop tube or, if you have a pull pin that doesn't remove, pull the handle pin so the pin is disengaged. Let the drop tube fall to the ground and re-pin in the nearest adjustment hole.

TO RETRACT STABILIZER - Make sure there is no load on the stabilizer. Remove pin or disengage the pull pin and raise the drop tube, re-pinning it in the highest position. Fully retract the legs so that the foot pad is higher than the lowest point of the trailer, to prevent dragging while going over a curb.

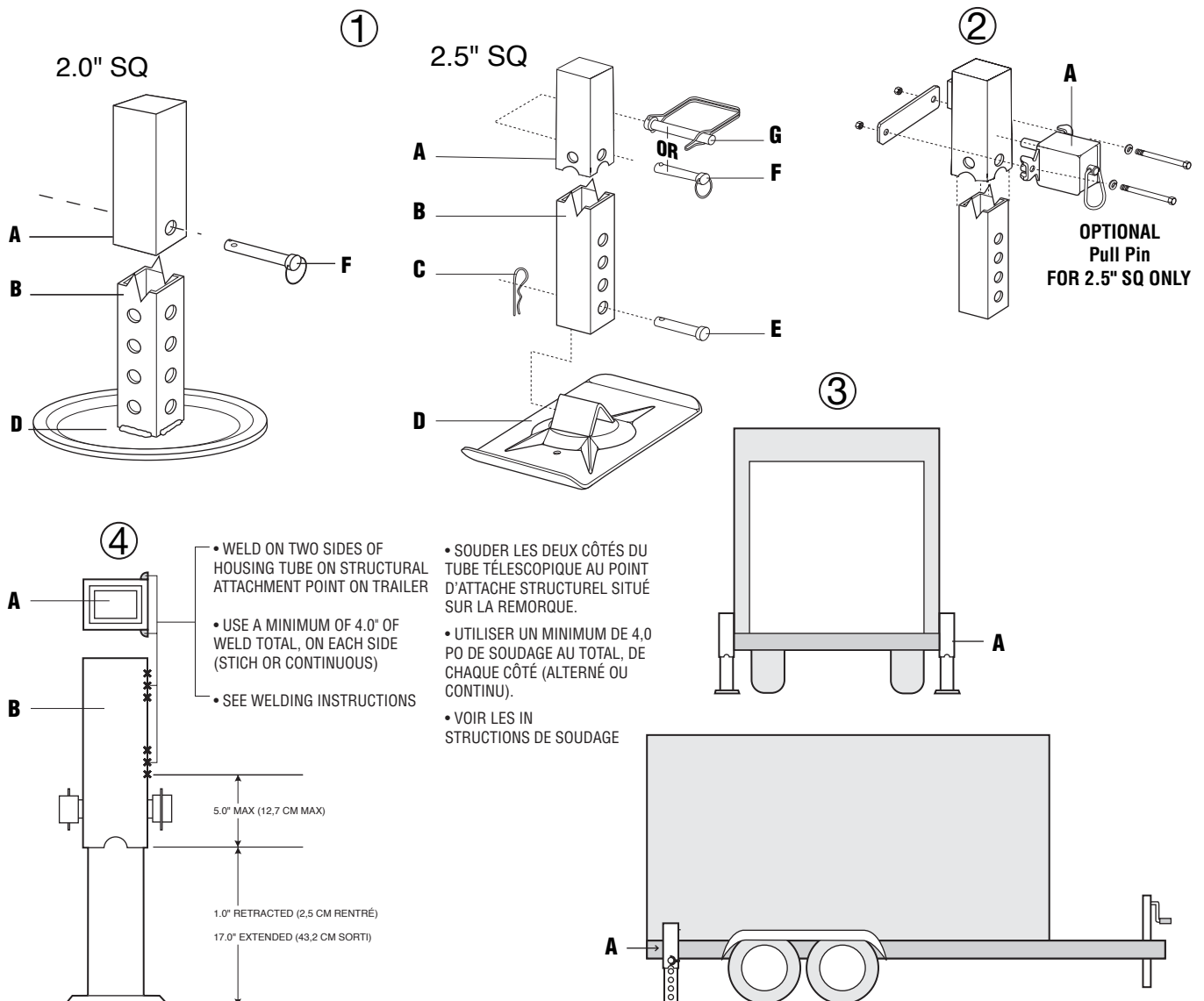
Before towing, check for maximum clearance between ground and bottom of stabilizer.

MAINTENANCE

1. Before use, inspect drop tube and inner housing tube. Replace if bent or damaged.
2. **ONCE EACH YEAR:**
 - a. Extend stabilizer as far as possible, clean drop tube and housing tube. Coat exposed surface of tubes with silicone spray lubricant.

PART IDENTIFICATION

ITEM	PART NUMBERS		DESCRIPTION
	2" SQ	2.5" SQ	
1-A	480921	70207	Housing Tube (Tube du vérin)
1-B	480922	70216	Drop Tube (Tube télescopique)
1-C	70269	70269	Bridge Pin (Goupille de pont)
1-D	70008	70008	Foot Pad (Patin)
1-E	70325	70325	Clevis Pin (Goupille d'articulation)
1-F	480952	70215	Ball Detent Pin (Cheville à bille)
1-G	87186	N/S	Lock Pin (Goujon de blocage)





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Follow proper safety practices. If in doubt, consult a professional RV technician.