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## HT and STN 200 lb – 2000 lb Capacity Foot Operated Hydraulic Lift Tables Treadle Guide Installation

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### ***Introduction***

The EHL-60 and EHL-61 series treadle guides are an upgrade to HT and STN series lift tables. They provide horizontal and vertical support to the treadle during foot-operated lift which increases the durability of the table and reduces fatigue to the operator.

The following models are available.

EHL-60W	Treadle guide for STN series table. Weld on installation. Requires welding capabilities for installation.
EHL-60B	Treadle guide for STN series table. Bolt on installation. Requires drilling capabilities for installation.
EHL-61W	Treadle guide for HT series table. Weld on installation. Requires welding capabilities for installation.
EHL-61B	Treadle guide for HT series table. Bolt on installation. Requires drilling capabilities for installation.

### ***Installation***

#### **Overview**

The treadle guide should allow the treadle to move smoothly throughout its full range of motion and prevent overextension of the vertical motion. By preventing overextension of the vertical motion, the pump piston cannot be pulled out of the piston cylinder by wear and the return spring force.

#### **Procedure**

Weld on treadle guides (EHL-60W and EHL-61W)

1. Place treadle guide over treadle.
2. Locate the treadle guide such that it pulls the treadle down approximately 1/8" – 1/4". This will limit the vertical motion of the treadle and prevent the pump piston from pulling out of the pump cylinder.
3. Make sure the pump mechanism does not bind from the location of the treadle guide. This can be determined by pumping the treadle up and down.
4. Tack weld or clamp the treadle guide in place.
5. Again, test the range of motion of the treadle and make sure the pump mechanism and treadle does not bind with the treadle guide.
6. If the pump mechanism and treadle binds with the treadle guide, break the welds or remove the clamps and repeat procedure from step 2. Otherwise, continue with next step.
7. Weld treadle in place.

Bolt on treadle guides (EHL-60B and EHL-61B)

1. Place treadle guide over treadle.
2. Locate the treadle guide such that it pulls the treadle down approximately 1/8" – 1/4". This will limit the vertical motion of the treadle and prevent the pump piston from pulling out of the pump cylinder.
3. Make sure the pump mechanism does not bind from the location of the treadle guide. This can be determined by pumping the treadle up and down.
4. Clamp the treadle guide in place.
5. Again, test the range of motion of the treadle and make sure the pump mechanism and treadle does not bind with the treadle guide.
6. If the pump mechanism and treadle binds with the treadle guide remove the clamps and repeat procedure from step 2. Otherwise, continue with next step.
7. Using a center punch, mark locations to drill holes in table.
8. Remove treadle guide and drill 5/16" holes in marked locations.
9. Place the treadle guide over the treadle again and fasten the treadle guide to the table with the supplied hardware.