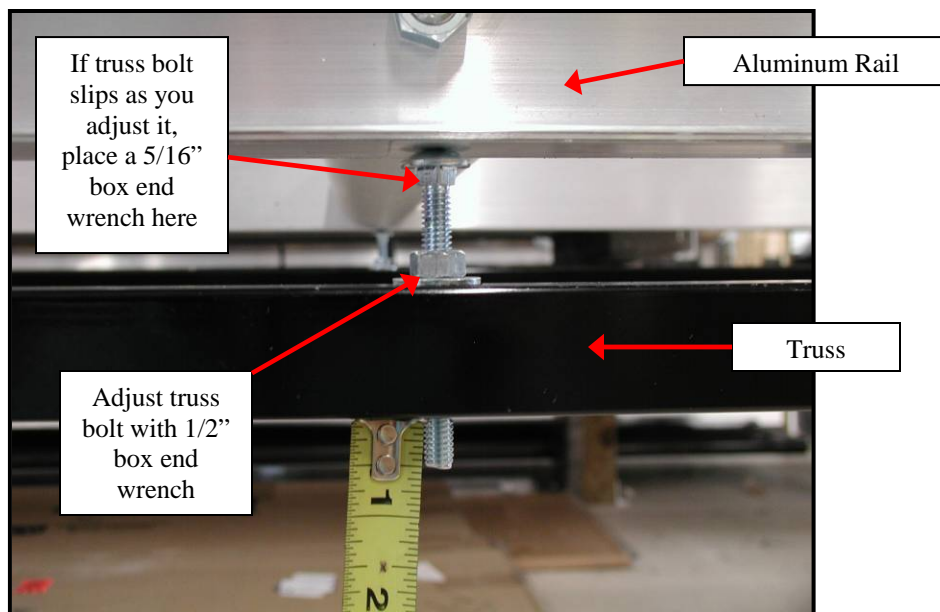


Truss Adjustment

Tools Required: 1/2" box end wrench
 5/16" box end wrench
 Tape measure

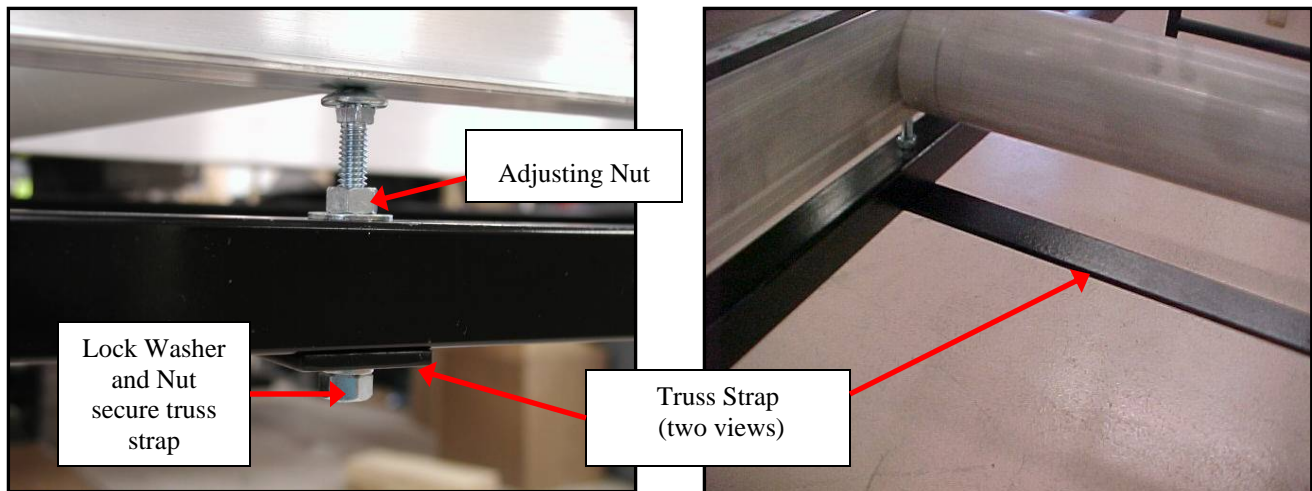
The two trusses underneath the aluminum rails provide support to keep your table level. They provide a type of “counter thrust” so that the rails will not bow under the weight of the quilting machine. To get the proper tension on the table trusses, the nut on the top side of the center of the truss must now be lowered. This forces the bolt to put upward pressure on the center of the table frame, giving it stability.

- Use a 1/2" box end wrench, and turn the nut to the left (clockwise) so that only about 1/2" of the bolt protrudes out the bottom of the truss. (See the photo below.) **If the bolt slips as you attempt to lower the nut, put the 5/16" box end wrench on the shoulder of the bolt to hold it in place as you turn the nut.**



- Repeat this for the other side of the table and opposite truss.

- Next, take the truss strap and slip it over the bolt tips protruding out of the bottom of the trusses and install the lock washers and nuts packaged with the carriage bolts (Bag D). Tighten the nuts on the bottom to hold the truss strap in place.



Truss Adjusting Note:

Once the quilting machine has been added to the table frame, it will provide downward thrust on the trusses due to its weight. You should be able to “sight” along the entire length of each of the aluminum rails without seeing a bow in them. The preliminary setting for the center truss carriage bolts should be just about right.

However, the bolts can be adjusted to put more or less pressure on the rails as needed to keep them straight. Simply loosen the nuts on the bottom of the bolts (these are holding the truss strap in place). Then use the 5/16” box end wrench on the carriage bolt collar to hold the bolt steady while you adjust the nut on the TOP of the truss bar with a 1/2” box end wrench (the nut between the truss and the aluminum table frame).

Turning the nut to the LEFT will cause the bolt to rise, putting more upward thrust on the rails. Similarly, turning the nut to the RIGHT will cause the bolt to lower, and will decrease upward pressure on the aluminum rails.

Once you are satisfied with the truss pressure, remember to retighten the nuts on the bottom of the trusses which hold the truss strap in place.