

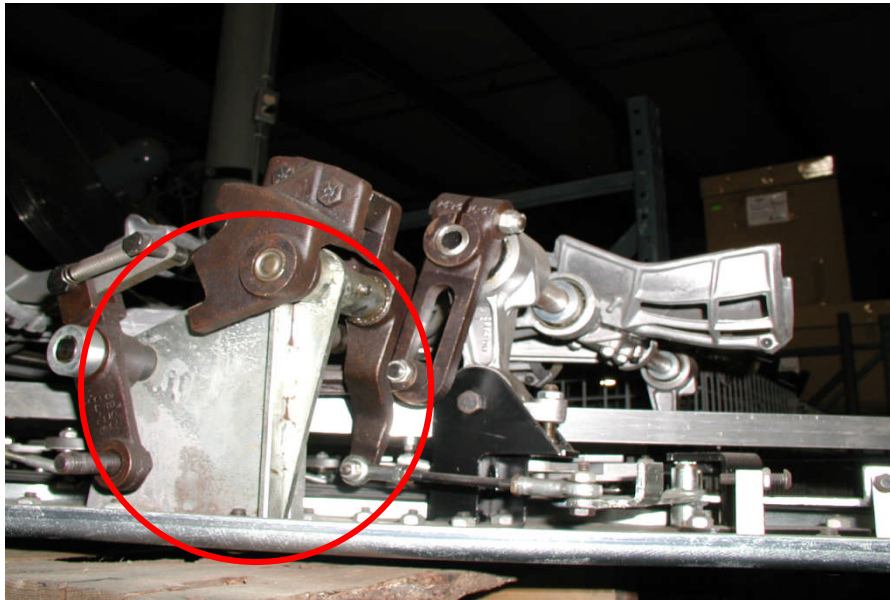
Steel Table

Tie Rod Bracket – Spot / Respot

With the introduction of the steel table on the 90XL pinpotters, there were a few minor changes in the geometry of the Spot and Respot tie rod connections along with the shifter link location. These changes were due mainly to the difference in thickness between the old aluminum table and the newer steel tables.

With the introduction of the Xli pinpotters this geometry was again changed, but this time the changes served to make the pinspotter function much more like the original 82/70 aluminum table had been. Many mechanics find this set-up to be much more trouble free; they have fewer double shuttles of pins, and improved spotting of pins.

To identify which arrangement you have, inspect the Tie Rod Bracket Weldment.



If this bracket assembly is silver in color, you have the original 90XL style as shown in the photo above. If the bracket is black in color, you have the newer Xli style tie rod bracket assembly (as shown to the left).



To convert from the original 90XL style to the newer Xli style you will need:

- 1 – 088 005 503 Tie Rod Bracket Weldment
- 1 – 070 001 910 Spot Respot Cam
- 1 – 088 005 500 Tie Rod Assembly – Respot
- 1 – 088 005 501 Tie Rod Assembly – Spotting

When installing these parts, the Tie Rod Bracket Weldment must be moved ½" forward of its original location.

properly with an
bracket, install the
sure the plate is in line
location of other bolt
new bracket.



The hole circled on the picture here will line up existing hole on the table. After removing the old new bracket using one bolt in this location. Make and square. Use the new plate to mark the holes. Drill these additional holes and install the

Replace the 090 005 589 Spot and Respot Cam with the 070 001 910 Spot and Respot Cam. Then replace the Spot and Respot Tie Rod Assemblies with the 088 005 500 Respot Tie Rod Assembly and 088 005 501 Spotting Tie Rod Assembly.

Adjustments should be made as shown in the Xli Pinspotter Manual, Section 4.2.2, Table Adjustments. This information may be obtained as a free download from our website:

<http://www.qubicaamf.com/download/Manuals.aspx>