ALIGNMENT: Model 3100 Hand & Power Extractor

Prior to Sept. 2009, all top rings in these extractors were formed from 6061 T6 aluminum angle iron. The computer controlled automatic ring rolling machine did not recognize very slight variations in hardness and ductility of the materials from the mills and the resulting rings had minor tolerances which can be adjusted at assembly. To make the cross bar lie perfectly flat, the top ring had to be bent down or up for 2 inches at point of bolt up. Easily done with a crescent wrench.

Since Sept. 2009, the material of choice is T304 stainless steel angle which rolls with more consistency. The ring is now welded to the tank instead of riveted. Occasionally tweaking is required as per above.