

4" x 42" TechForAg Stainless Brisket Bar Cylinders Installation Instructions

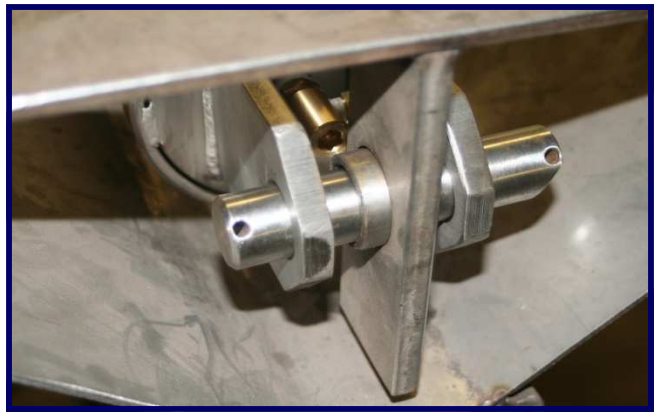
This Cylinder is large enough for Brisket Bars up to dbl. 10 parlors with 45" Cow-to-Cow spacing (37 ft long Bars), up to dbl. 12 with 38" Cow-to-Cow spacing and dbl. 14 with 30" Cow-to-Cow spacing. Provided you run the bars on full compressor pressure, typically 145 psi.

Parlors with Brisket Bars longer than 37 ft need 5" diam. Cylinders.

Typically you'd replace the original 5" black Germania Cylinder. That cylinder has an *actual* outer diameter of 5 1/2". Therefore, there's about 1 1/2" extra space all around the new cylinder.



The new Cylinder comes with this adapter bracket to take up the extra space



In the back - the original Germania clevis pin will not fit into our cylinder. New pin included, together with a couple of cotter pins.

Since it's a bit smaller than the old one there's a spacer bushing to take up the slack.



Adapter Bracket has two predrilled holes (nuts and bolts included). Drill new holes into the vertical legs of the original Germania brackets. As you already know, the original 5" cylinder was held in place with (2) bolts inserted horizontally and extremely difficult to get at.



Old clevis shown in front. Center hole is too large for the 4" cylinder. Spacer bushing shown in the back ground



You can assemble the spacer bushing and flat washer as shown. If there's a welder handy weld the bushing into the



One more note on the old clevis - in a few cases it may rub or even bump the back of the Brisket Bar as it slides forward. A bit of rubbing is ok but if it bumps or hooks on the first weld you may have to grind a bit off the back, the rear side in the picture. If you run into serious trouble - call. We have lower profile clevises on hand. You may also want to check on the wear of the two pads. We can supply replacements. How do you know they are worn? With everything in place, rock the clevis back and forth. Should only have minimal play, less than 1/8".



Lubricator included. The fitting on the right gets the hose coming from the control panel. Fitting on the left (the bottom) gets hose going

to the cylinder. The white plug at the very top is the fill plug. Open can up, fill 1/2 full with STP, close it and raise brisket bar. Air blows STP into cylinder. Weld lubricator to the inside of the brisket bar, somewhere between the rear and the large pulley. Simple but effective. Repeat once a year.

Better yet, much better: install lubricator in the cow traffic control panel, anywhere you can find space. Then connect incoming air hose to the top of can, out going hose to the 'In' port (in the exact center of the valve) of the brisket bar main valve. . Now fill the entire can and raise brisket bar. Air blows STP into the valve, thru the two swivels at the 4" posts and on into the cylinder, lubricating *everything* along the way.



Extra seal kit included, far left.

We also supply stainless air craft cable by the foot. Same day delivery if you order before 10:00AM. Reusable Cable Retainers available.

For help and support call Rolf 715-360-3660

