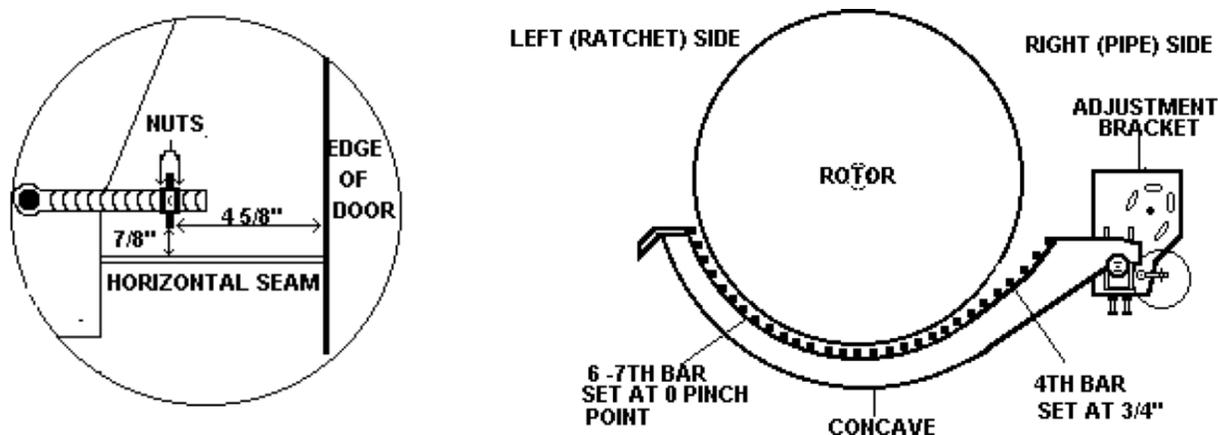


Installation of HARVEST ADJUSTMENT BRACKETS on Case IH Rotary Combines



1. Lower concaves. Let them rest on the grain supply augers.
2. On the existing support brackets, weld nuts to the body of the combine before loosening bolts. [Back bracket nuts are not easy to get at, but having nuts welded on will make future adjustments much easier]
3. Remove old brackets.
4. Install **Harvest Adjustment Brackets** positioning bolts in the **middle** of the slots. Do not over tighten bolts so that brackets can still be moved.
5. On combines who do not have a tab welded on for the draw bolt, position the tab in the **middle** of the draw bolt. Weld the tab to the body of the combine. Refer to diagram above.
6. Install the 1st and 3rd concave, leaving the middle concave out.
7. On certain models the top hold down pipe may need 1/4" cut off each end to clear the heavier brackets.
8. Pull the ratchet side [left] side of concave up until it contacts the rotor. The rotor should contact the concaves on the left side at the 6th - 7th bar by adjusting the horizontal draw bolt on the **Harvest Adjustment Brackets**. (On Case IH concaves with a bolt on extension the pinch point will be 2 -3 bars below the bolt-on extension.)
9. Concaves should be leveled by adjusting the turnbuckle on the ratchet linkage so that the 1st & 3rd concave contact at the same point.
10. The opening onto the right hand side should be about 3/4" at the 4th bar. NOTE: Whenever changing the opening on the right side this will affect the pinch point on the left side. Be sure to double check that the pinch point is at the 6th to 7th on left side and right opening on the 4th bar is at 3/4"
11. Once these settings have been attained set the concave stop bolts.
12. Tighten jam nuts and tighten all bolts and nuts on the **Harvest Adjustment Brackets**.
13. Replace middle concave by lowering ratchet side and removing hold down pipe.
14. Position concave, replace hold down pipe and bring ratchet side [left] to the stop position [0]. Lower the concaves slightly, so that they are not touching the rotor.
15. Spin the rotor by hand to ensure free movement. [Even if rub bars are shimmed there is still a certain amount of rotor wobble.]
16. Check the adjustment of concave stop bolts and be sure that the gauge indicator is at "0"

Troubleshooting in unusual conditions -

- If unthreshed heads become a problem even after the installation of cover plates the concaves can be adjusted to the right.
- If there is too much material on the left side of the shoe and less rotor RPM does not solve the problem then adjust the concaves to the left.