

WING ADJUSTMENT



HCI-TCI-RCI SERIES HIGH CLEARANCE RAKE

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WING ADJUSTMENT

Using the tractor hydraulic remotes lower the wings to the ground, make sure the cylinders are retracted all the way. If the cylinders are adjusted properly the wing main rake arm should be level. On level ground with the tongue level and the main arms level the wheel arm retaining bolts should be close to the center of the slotted hole in the wheel arm mount pipe front to rear and left side should be about the same as the right side.

With tongue level the main arms should be close to level and the right side should be close to the same as the left side. If they are not then adjust the hydraulic cylinder clevis one turn at a time until they are close to the same. Turning clevis out will raise the front of the main arm and lower the rear.



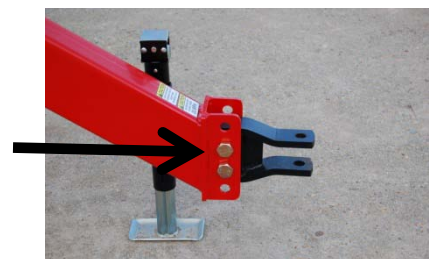
IMPORTANT: Looking from the front as shown the wheel arm retaining bolts should all be about in the center of the slotted hole!

Looking from the front of the rake as shown the wheel arm retaining bolts should be in the center of the slotted holes. They should be about the same front to rear and the left side should be about the same as the right side. It is better to have them slightly lower in the slotted hole rather than slightly higher because this gives the wheel arms more up travel, they don't need as much down travel as they do up travel. When the rake is set up properly on level ground both front rake wheels and both rear rake wheels should have at least 6" to 8" of up travel.

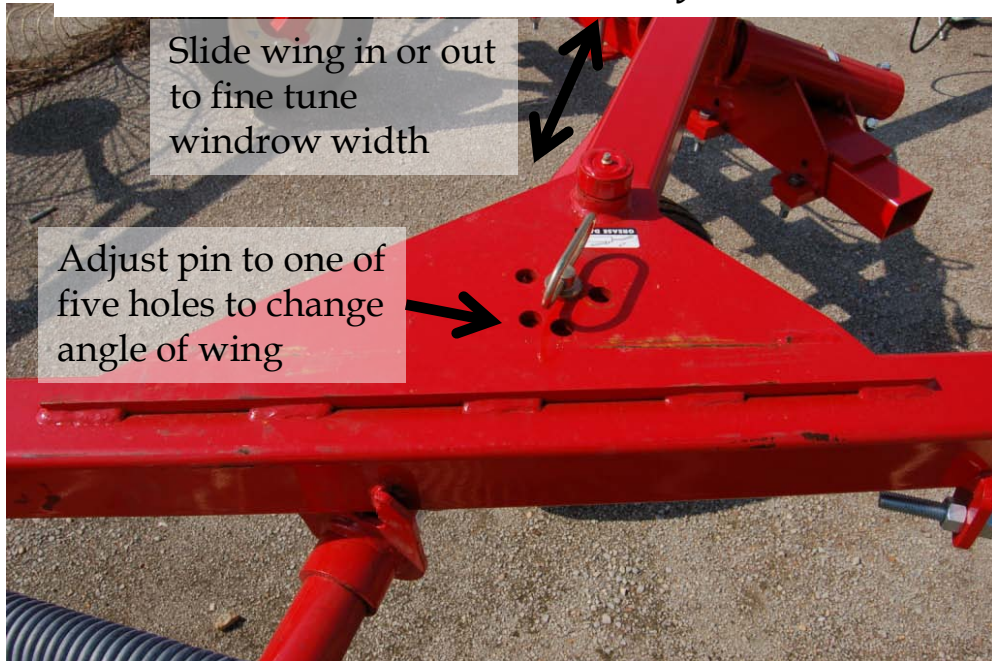
IMPORTANT: After hitching the rake to the tractor prior to operating, always lift both front and both rear rake wheels off of the ground to make sure they each have at least 6" to 8" of up travel, if there is not enough up travel then damage to the rake can occur!

Leveling the wings: If both wings are low in the front and high in the rear or vice versa then raise or lower the clevis hitch in the tongue to level the main arms. The retaining bolt for the wheel arms should be close to the center of the slotted hole in the main arm front to rear. If they are high in the front and low in the rear or vice versa then raise or lower tongue to make them all the same.

The main arms must be close to level and the wheel arm retaining bolts close to the center of the slotted holes for the wheel arms to float properly!

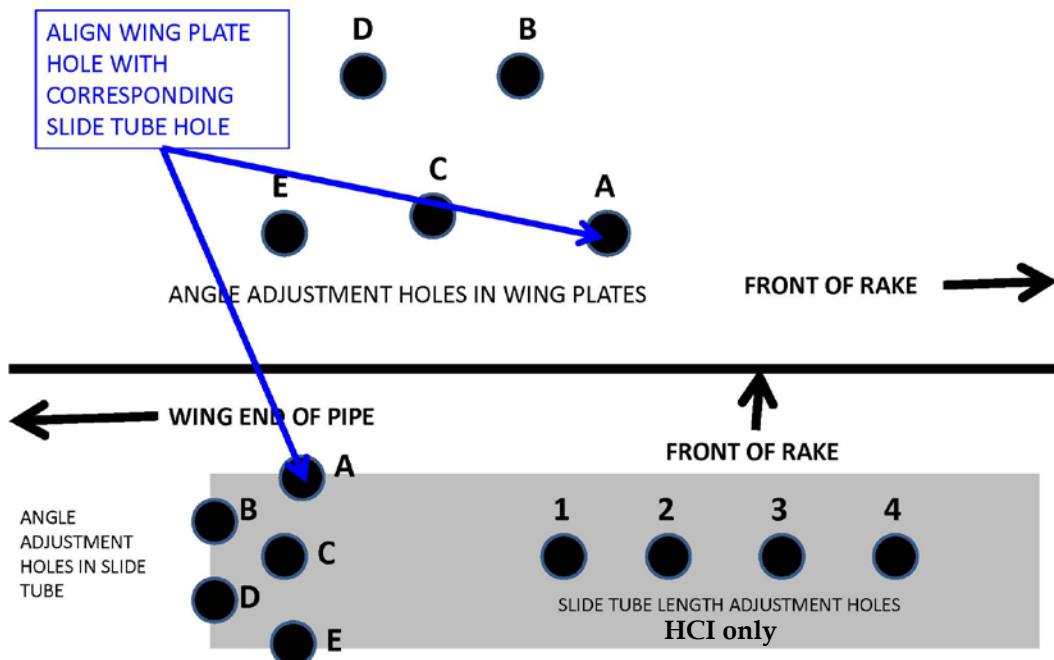


RAKE WHEEL ANGLE ADJUSTMENT



Adjust the wing angle and slide tube extensions (HCI only) to get the raking width and windrow width desired. Adjust the rake wheel angle first. **Remember the rake wheel angle should be adjusted according to crop conditions.** For heavy crop you want narrower raking width with less angle on rake wheels and for light crop you want wider raking width with more angle on the rake wheels. Then fine tune the windrow width by sliding the wings in or out (HCI-RCI only).

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