

Blade Alignment Instructions for Original Contractors-Type Saws

(when the saw has two Tie-Bars)

Initial Measurement:

1. ☞ Raise the sawblade to its maximum height and mark one tooth, at the front of the blade, as a reference.
2. ☞ Using a combination square, measure from the left edge of the right-hand miter gage slot to the sawblade tooth that was marked in step 1. (Note this measurement) Then rotate the blade to the rear and measure from the same marked tooth to the miter slot. (Note this measurement)

If the two measurements are NOT the same, proceed with step 3.

NOTE: Refer to parts diagram on the following page for part locations.

3. Remove the sawblade. (Remember, it is still at its maximum height)
4. Place a flat plate (or similar flat object) on top of the two tie-bars. (The size of the plate should be at least 6" by 8", and the flatter the better) Depress one corner of the plate and if it rocks, the tie-bars are not parallel. This must be corrected as it will affect the alignment of the blade.
To make the Tie-Bars parallel:
5. Loosen the tie-bar locknuts (ref# 245) located at the rear of the saw.
6. Grasp the motor bracket (ref# 244) and move it left and/or right. Check the rocking of the flat plate and when it can no longer rock, the tie-bars are parallel...re-tighten the locknuts.
Aligning the saw undercarriage:
7. Remove the flat plate and re-install the sawblade.
8. Loosen the front trunnion bolts (ref# 207) and the rear trunnion bolts (ref# 243).
9. Move the entire undercarriage around while measuring as in step 2.
10. When the two measurements are the same, and the blade is centered in the insert slot, re-tighten the front two trunnion bolts (ref# 207).
11. Before tightening the rear trunnion bolts, push forward on the rear trunnion bracket to allow the undercarriage to snugly fit between the two trunnions.
12. Re-check the blade to miter slot measurements and if they are still equal, re-tighten the rear trunnion bolts (ref# 243).
13. If the blade to miter slot measurements have changed, repeat steps 8 thru 12.

Blade Alignment Reference Sheet

