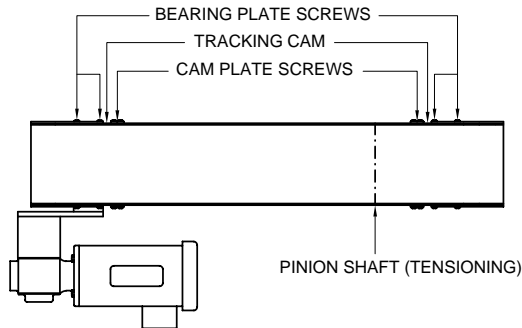


# INCREASE TENSION / RE-TRACK BELTING

Operations required to increase tension and re-track only the adjusted section.

Note: Each screw that is loosened or tightened, and each adjustment or function is considered an operation. If adjustment is required adjacent to motor, allow motor to cool (motor temperatures can reach 170°F - 225°F).

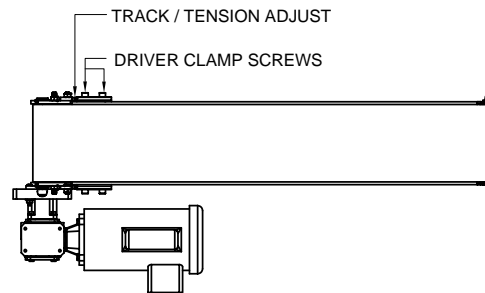
## RACK - PINION



1. Loosen (4) bearing plate screws on tail end.
2. Adjust pinion shaft.
3. While holding pinion shaft position, tighten (4) bearing plate screws.
4. Loosen (4) cam plate screws on tail end.
5. Align indicator slot and move (2) cam assemblies against each bearing plate.
6. Tighten (4) cam plate screws.
7. Check tracking at tail end.
8. Loosen (2) bearing plate screws on side belt is tracking toward.
9. Adjust tracking cam while conveyor is running.
10. While holding tracking cam position tighten (2) bearing plate screws.

**(25) operations required**

## ECCENTRIC TAIL

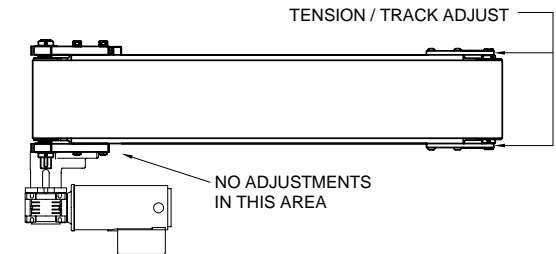


1. Loosen (4) driver clamp screws.
2. Adjust tensioning on (2) sides an equal distance. (Note: if conveyor is in a "Gang" arrangement or is remote driven, drive shaft may have to be adjusted.)
3. Tighten (4) driver clamp screws.
4. Check tracking at driver end.
5. Loosen (2) driver clamp screws on side belt is tracking toward.
6. Adjust tracking while conveyor is running
7. Tighten (2) driver clamp screws.

Note: Increasing tension can only be done at drive end

**(16) operations required**

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1. Set tail adjustment to desired gauge position.
2. Set second tail adjustment to same gauge position.
3. Check tracking and adjust plus or minus to correct tracking.

**(3) operations required**

All C.T.L. drive end tracking is done on side opposite drive. Since C.T.L. units are tensioned 300-400 percent higher than some units, it is probable re-tensioning would not be required.

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