

MAINTENANCE

Track Maintenance

WARNING! Moving parts can cut and crush body parts. When performing the checks and adjustments recommended on the following pages, stay clear of all moving parts. Never perform track measurement or adjustments with the engine running.

Track Tension

Track adjustment is critical for proper handling. Always maintain correct tension and alignment.

TRACK TENSION DATA CHART			
Suspension	Weight	Measurement Location	Slack Measurement
INDY (121)	10 lbs. (4.54 kg)	16 in. (40 cm) ahead of rear idler shaft	7/8-1 1/8 in. (2.2-2.9 cm)

TIP: Tension adjustments should be made only after the track is warmed up and limber.

1. Turn the engine off.
2. Lift the rear of the snowmobile and safely support it off the ground.
3. Place the recommended weight or downward pressure on the track at the specified distance (see chart) ahead of the center of the rear idler wheel.
4. Measure at the point where the weight is hanging.

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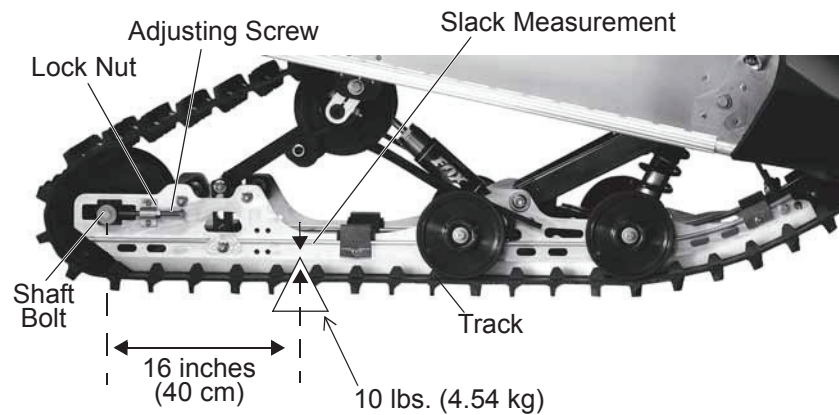
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Track Tension

5. Check for specified slack between the wear surface of the track clip and the plastic slider. Refer to the Track Tension Data Chart on page 98.

If the track needs adjustment:

6. Loosen the rear idler shaft bolt.
7. Loosen the locknuts.



8. Tighten or loosen the track adjusting screws to provide equal adjustment on both sides of the track.
 9. Repeat the measurement on the other side of the track.
- TIP:** Check more frequently when the snowmobile is new.
10. Start the engine and slowly rotate the track at least five revolutions. Let the track come to a stop (do not apply brakes).
 11. Check track alignment (see page 100) and adjust as necessary.
 12. Tighten the locknuts.
 13. Tighten the idler shaft bolts.
 14. Torque idler shaft bolts to 35 ft. lbs. (47.5 Nm).

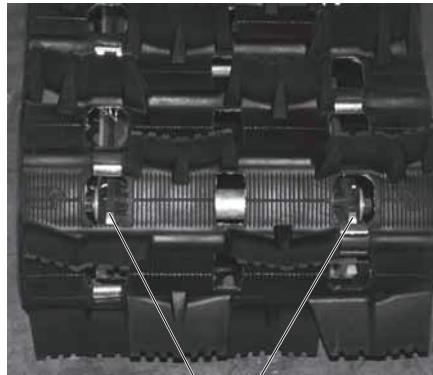
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Track Alignment

Periodically check that the track is centered and running evenly on the slide rails. Misalignment will cause excessive wear to the track and slide rail.

1. Safely support the rear of the snowmobile with the track off the ground.
2. Start the engine and apply a small amount of throttle until the track turns slowly at least five complete revolutions. Stop the engine and let the track come to a stop (do not apply brakes).
3. Inspect track alignment by looking through the track window to make sure the rails are evenly spaced on each side. If the track runs to the left, loosen the idler shaft bolts, then loosen the left locknut and tighten the left adjusting bolt. If the track runs to the right, loosen the idler shaft bolts, then loosen the right locknut and tighten the right adjusting bolt.
4. After adjustments are complete, tighten the locknuts and torque idler shaft bolts to 35 ft. lbs. (47.5 Nm).
5. Repeat steps 2 and 3 to verify proper alignment.



Rail