

CAMSO TRACK INSTALLATION GUIDE

RUBBER OVER-THE-TIRES TRACKS



TOOLS REQUIRED

30" Flat-end pry bar
Bucket
Ratchet set
Protective equipment (gloves and glasses)
Jack
Jack stands or blocks
Grease pump

SAFETY FIRST STAY FOCUSED & ALERT DURING INSTALLATION PROCESS

Caution is necessary when working on the undercarriage parts to avoid injury.

- Use appropriated protective equipment such as glasses and gloves
- Avoid putting arms, legs, hands & feet near moving parts or pinch points
- Install the over-the-tire tracks (and spacers if needed) on an even and flat surface, not a slope
- Use gentle movements and resist the temptation to use excessive force in order to avoid any recoil.
- When possible, use additional equipment and tools to aid installation (Ex.: Track Handler, Boom Lift and Hoists)
- Always follow Original Equipment Manufacturer's guidelines

Pre-Fit Clearance Check

1. **Guards/Lifting arms:** There are many different configurations of skid steers. Some machines have more clearance than others due to the undercarriage design. Mudguards also vary between brands.
2. Ensure a minimum clearance of 3" (preferably 4" or more) between the tire circumference and mudguards or any other fender/arms.
3. If there is insufficient clearance between the tire circumference and the frame, the tires need to be downsized. Tires and wheels with a smaller diameter can be supplied to provide the required spacing.
4. As a basic rule, a minimum clearance of 3" to 4" from the inside sidewall of the tire toward the chassis of the skid steer machine is advised.
5. If there is insufficient clearance between the frame and the tires, 2" or 3.5" spacers can be supplied to provide the required offset. For some skid steer, rotating offset rims will provide sufficient clearance.

How to Install Wheel Spacers

1. Lift or jack up the machine.
2. Loosen up the lug nuts on the wheel and remove the tire and wheel assembly.
3. Mount the spacer on the axle by lining up the stud bolts with the holes in the spacer.
4. Lubricate the lug nuts and stud bolts. This will ease the tension and avoid damaging the thread.
5. Secure the spacer to the hub by tightening the nuts according to the machine manufacturer's recommendations for torque.
6. Mount the tire-wheel assembly onto the spacer.
7. Secure the assembly by tightening the lug nuts according to the machine manufacturer's recommendations for torque.

New Track Installation

1. Remove the self-locking pins from the ends of the track. **Lubricate** the pins with silicone-based grease to ensure easy mounting.
2. Place the track on the ground, tread pattern down. Pay attention to the **"mounting direction"** arrow on inside of track. This one should point out to the front of your skid steer.
3. Lift up the boom and lock it according to the manufacturer's instructions and recommendations.
4. Inflate the tire pressure to the tire manufacturers **recommended inflation pressure** (psi).
5. Drive over the tracks, centering the machine on the track.
6. Pull the ends of the track over the tires.
7. Wrap the strap around the face and wings of the track 2 or 3 wings back from each end of the track. Use the ratchet to pull the straps and bring the track ends together to line up the hinges.
8. Secure the track by driving the pins through the hinges of the track, using the guide pins first and tightening the nuts on the end of the pin, on the inside of the machine.
9. **If the track ends cannot touch** after use of the strap or chain ratchet, insert a full pitch, a $\frac{3}{4}$ OR $\frac{1}{2}$ pitch section to lengthen.
10. Run the machine slowly forward, then backward in a straight line to help align the tires with the track.
11. **Check for sagging;** 1" to 2" of sag is recommended. Sagging should be checked with the hinges at the top and between the tires. You should be able to push down 2" at that point. Installing or removing the pitches, $\frac{1}{2}$, $\frac{3}{4}$ or full link should adjust sagging.

For further information on care, operation, and maintenance of rubber tracks, refer to the OEM operations manual, consult with your dealer, or search the track machine manufacturer's website for publications available regarding rubber track machine operation and usage.

Additional information may also be found at camso.co

The information contained herein is for informational purpose only.

