



These rubber track installation and track removal instructions generally apply for **CAT 247/247B, 257/257B, 267/267B, 277/277B/277C, 287/287B/287C, 297/297C** and **ASV RC30, RC50, RC60, RC85, RC100, MD70, SR70, SR80, 2800, 2810, HD4500, HD4520, 4810, RCV.**

Please reference your machine's instruction/owner's manual or your authorized Caterpillar/ASV OEM equipment dealer/mechanic for exact instructions. MOTION DYNAMICS, LLC/motiondynamics™ is not liable for any damages or injuries caused by any and all work done on a machine or from your use of these instructions.

HELPFUL HINTS FOR TRACK REMOVAL FOR CAT/ASV POSI-TRACK TRACK LOADERS:

1. Raise the Boom and set a safety, lock bar inside of the exposed hydraulic cylinder so that the weight of the bucket will not collapse the cylinder causing the bucket to fall.
2. Jack up the side of the machine that the track will be removed.
3. Back off track tension and remove the upper tension bolt. Swing the tensioner up and stand on the track to fully collapse the drive or slide a pry bar through and into the drive and push down to collapse drive till the housing touches the bogie wheel.
4. Remove the front outside idler wheel snap ring, dust cap and nut.
5. Take a sledge hammer and tap on the track belt at it's edge by the front Idler. the outside idler wheel and track will both come off the same time. If not, take a pry bar and place behind the idler wheel and the frame close to the center of the hub.

HELPFUL HINTS FOR TRACK INSTALLATION FOR CAT/ASV POSI-TRACK TRACK LOADERS:

1. Do not install the front idler wheel just yet.
2. Lay the track on the drive sprocket and work the track down over the rear idlers to the front idlers.
3. Using a pry bar that looks similar to a screw driver works great, about 30" long.
4. Lay the pry bar between the inside of the front idler and track. Have an assistant start and idle the drive forward. At the same time, lift on the pry bar and lean in on the tracks. The track will roll right onto the idler.
5. Next, take a sledge hammer and tap on the inside edge of the track until it becomes flush with the inside front idler wheel.
6. Using a 2"x 6" board 4' x 5' long works good as a pry bar since it will not slip off the wheel as easily.
7. Set the front idler wheel into the track. The angle to the axle is about 45 degrees.
8. Take the 2" x 6" pry board and place in front of the first 10" bogie wheel and behind the front idler.
9. Have an assistant look into the bore of the wheel, when it is centered over the shaft, tap the wheel in 1" or so.
10. Let off the pry bar and square the wheel some, then pry forward again. Now tap on the wheel then the track alternating until you feel the wheel bottom out.
11. Using the pry bar, hold light pressure on the wheel and install the bearing, washer and nut.

FOR ADDITIONAL HELP, PLEASE CONTACT US:

MOTION DYNAMICS, LLC
motiondynamics™

PH: 812.853.2583

FAX: 312.416.0301

E-MAIL: motiondynamics@gmail.com

www.motiondynamicsrubbertracks.com

P.O. Box 643

Newburgh, IN 47629

USA