

# COMPACT TRACK LOADER RUBBER TRACKS



JOHN DEERE





## ***GET ON THE FAST TRACK TO PRODUCTIVITY***

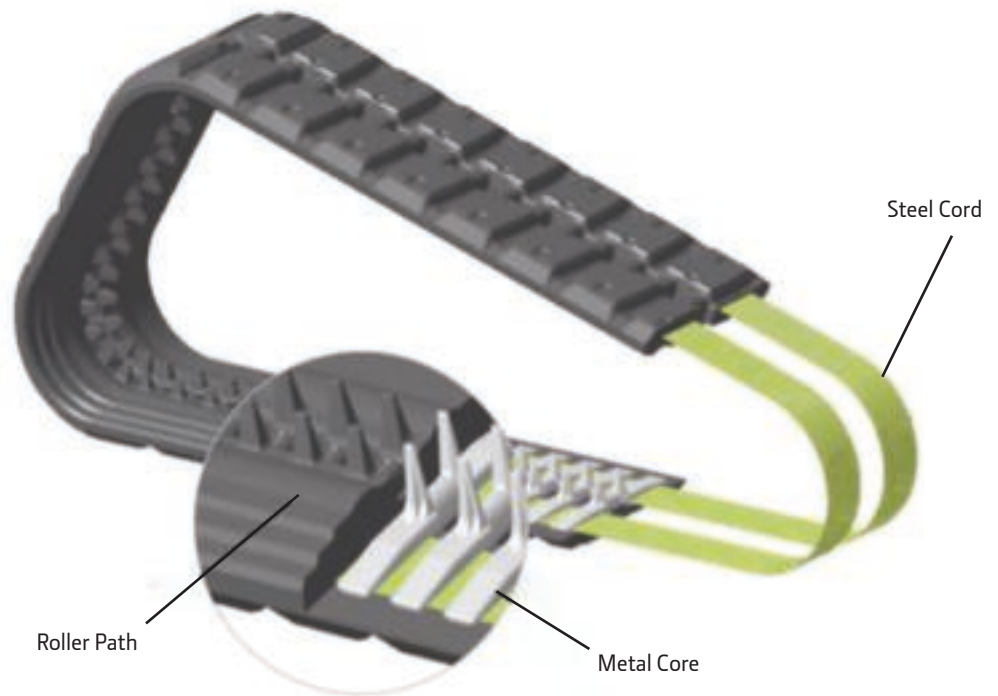
John Deere rubber tracks for compact track loaders (CTLs) feature a curved roller path along the base to shed debris and evenly distribute idler and roller weight, extending roller-path life up to 22 percent over the previous version. Additional enhancements in manufacturing and pretreatment processes allow for an 11-percent improvement in metal-core adhesive strength and a 15-percent improvement in steel-cord durability compared to earlier designs. And Deere CTL rubber tracks are backed by an 18-month or 1,500-hour warranty\* on materials and workmanship.

\* Whichever occurs first.

# WHERE THE RUBBER TRACK MEETS THE ROAD

John Deere rubber-tracked equipment is designed for maximum productivity, extended wear, and easy, inexpensive maintenance.

When operating in applications where surface damage is a concern, CTLs may be your preferred option. They offer a number of distinct advantages over wheeled equipment. The durable components in John Deere rubber-tracked undercarriages combined with our recommended operating and maintenance tips can help keep your machine running better and longer.



# TOUGH ENOUGH

## JOHN DEERE COMPACT TRACK LOADER (CTL) UNDERCARRIAGE SYSTEMS

Our CTL undercarriage systems are designed for trouble-free operation and simple maintenance. Yet they're built to be tough where and when it counts.

### Effortless track adjustment

Track adjustment is critical to the operation and machine life of your John Deere CTL. Track-tension adjustment is easily accessible and requires only simple hand tools like a box-end wrench and grease gun. Track adjustment can be completed in just minutes per side without expensive special tools or complicated steps. Outboard-planetary reservoirs require periodic maintenance. See your machine's operator manual for full details.

### Automatic track adjustment

Deere undercarriage design allows the front idler and front roller to move together when track-tension adjustments are made. Correct spacing between the idler and roller is critical for maintaining a smooth ride.

### On the double

Double-flange rollers contribute to a smooth ride.

### Stand up to it

Maintenance-free metal-face seals and journal bearings are used in all rollers and idlers for outstanding performance and durability under shock-loading conditions.

### Durable design

Steel rollers, idlers, and sprockets share a common design with those on our large crawler dozers.

### Smooth operators

Drive surfaces and the front idler and roller move in tandem to provide a smooth, optimized ride.

### Keep it clean

Track frame allows easy access for cleaning the undercarriage, minimizing track wear.

### Guarded resistance

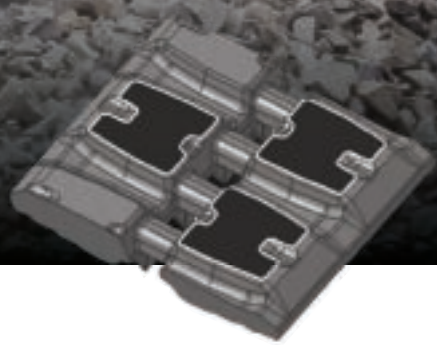
Sloped metal guards help shed material and prevent undercarriage-wearing debris buildup.





# THE CHOICE IS YOURS

## BLOCK H PATTERN



### RECOMMENDED APPLICATIONS:

Dirt/Clay



Concrete/Asphalt



Rock/Gravel



Performance Characteristics	
Traction	★★★★★
Ride Quality	★★★★
Tread Durability	★★★★



# BAR ZIGZAG PATTERN



## RECOMMENDED APPLICATIONS:

Dirt/Clay



Mud



Snow



Performance Characteristics	
Traction	
Ride Quality	
Tread Durability	



*SERVICE NEVER  
SLEEPS*





# ***INSPECT AND PREVENT EXTEND RUBBER TRACK WEAR LIFE***

To help get maximum productivity and longevity from your John Deere rubber-tracked machine, follow the maintenance schedule outlined in the machine's operator manual. Proper track tensioning is particularly important, as excessive tightness can accelerate component wear, and looseness can cause de-tracking.

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The ideal time to inspect the track system is during periodic cleaning. Tracks should be thoroughly inspected for cuts, punctures, or tears. Sprockets and rollers should be regularly checked for excessive wear or "flat spotting" that indicate material buildup or bearing seizure.

Look for signs of oil leakage from rollers, hoses, and travel motors, and repair any leak immediately. Drive sprockets also require routine inspection to monitor abnormal or excessive wear.

Train operators to minimize wear. Making wider turns, controlling slippage, and regulating the load will reduce stress on the tracks while maintaining top productivity.

## ***CARING FOR YOUR RUBBER TRACK***

### **Rubber track break-in rules**

- Always break in a new set of tracks immediately.
- Follow proper track break-in procedures per the machine's operator manual.
- Verify and maintain track alignment right before running your new machine, and recheck alignment whenever tracks are replaced.

### **Off-season track care**

In some applications and climates, rubber-track equipment may sit idle for extended periods of time. Here are some suggestions for proper storage of tracks and tracked equipment:

- Parked machines should be moved once a month.
- Keep tracks out of direct sunlight by storing indoors or tarping the tracks.
- Store in a dry area without exposure to fuel vapor or ozone-producing electric devices.
- Storage area should have a fire extinguisher available at all times.

# SIGNS OF THE TIME

## REPLACING RUBBER TRACK

How do you know when it's time to replace the rubber tracks on your compact track loader (CTL)? There are some pretty obvious visual cues that let you know they need to go.



### Exterior track damage

The first indication that rubber tracks should be replaced is noticeable exterior damage such as cracks, missing lugs, and exposed steel cables. If not fixed in a timely manner, this can lead to track failure and significant downtime.

### Tread depth

Just like car tires, it is important to check tread depth periodically. It is recommended to replace rubber tracks when 40 percent of the tread depth remains when compared to a new set of tracks.

### Worn-out sprockets

If rubber track is too loose due to worn-out sprockets, meshing and skipping could occur, potentially causing the track to derail.

### Loose track tension

Rubber tracks lose tension over time, even with proper care and maintenance. It is highly recommended to check track sag on a weekly basis or as needed. Without proper monitoring, improper track tension will cause the track to skip and derail, leading to downtime and unexpected costs.





# IN THE KNOW ON THE GO

## OPERATING GUIDELINES FOR RUBBER-TRACKED MACHINES

Simply stated, the more care operators take with rubber tracks, the longer the tracks will perform at optimum levels. Remind them that accelerated wear and damage from overload or improper use or applications are not covered under warranty.

### What NOT to do

Rubber-track systems are not designed or recommended for work in the following conditions:

- Over sharp or angular rocks.
- In soils containing materials such as concrete and rebar.
- For landfill maintenance.
- For extended periods of high-speed roading.

### Sidehill operating tips\*

When operating on a sidehill, direction of travel should be alternated on each pass so wear is distributed equally across both the right and left tracks. If it's impractical to alternate sides with each pass, occasional track rotation will promote even wear and help extend track wear life.

### Take a load off

Use care when loading or off-loading from trailers, and avoid running over objects such as culverts, implement tongues, posts, or blades that could damage the tracks.

\*Check your machine's operator manual for machine-specific sidehill operation.

### Let it pass

Track systems are designed to allow some material to pass between the wheels and track; however, sharp noncompressible objects may cause premature damage to the rollers. Remove embedded rocks or debris to prevent further penetration and rubber separation.

### Rules of the road

Continuous roading and aggressive turning on hard surfaces will shorten track wear life. Minimize driving on hard-surface roads — this should never exceed 10 percent of total daily operation. The combination of a hot road surface and high speed accelerates wear on rubber components. Try roading when it is cooler, or travel at slower speeds.

### Don't get burned

Operating in corrosive material such as fuel, oil, salt, fertilizer, or manure for extended periods of time can also damage rubber tracks. If you're operating in these conditions, clean your undercarriage daily with plain water.

### Support solutions

Contact your John Deere dealer with any questions about rubber-tracked equipment and their care and maintenance.

JohnDeere.com