

JOHN DEERE UNDERCARRIAGES



JOHN DEERE

Tough undercarriages with longer and more even wear

With rapid and unbalanced undercarriage wear eating up some 50 percent of the average contractor's maintenance budget, John Deere undercarriages are strong allies in the battle to keep uptime up and operating costs down. The steel that goes into our undercarriages provides the kind of deep-hardened resiliency that goes directly to your bottom line. And that's why we say the value that we build into Deere undercarriages is truly hardened to the core.

We offer three undercarriage choices to cover your needs:

Standard

All components are carefully matched in tolerance, strength, hardness, and wear limits, for optimum wear life.

Extended Life

This system features the addition of the popular and exclusive SC-2™-coated bushings.

Maximum Life

Maximum Life undercarriage also features stronger seals and larger components than Standard and Extended Undercarriage systems that already deliver longer and more balanced wear in most soil conditions.



We have your undercarriage

The chart below compares the three John Deere undercarriage choices relative to seven different attributes. Your Deere dealer has the expertise to help you understand the characteristics of each system and choose the one that is right for your operating conditions and business needs.

	Standard	Extended Life	Maximum Life
	GOOD	BETTER	BEST
Purchase Price	■		
Operating Cost			■
Ride Comfort	■	■	■
Wear Life		■	■
Abrasion Resistance		■	■
Impact Resistance			■
Varying Ground Conditions		■	■

Note: All factors are dependent on soil conditions and specific applications. Consult your local John Deere dealer to choose the right undercarriage for your operation.



Parts you can depend on

All John Deere undercarriage components are integrally designed and carefully matched in tolerance, strength, hardness, and wear limits, for optimum wear life. The Deere design can prolong component wear life — minimizing maintenance costs.

Boost uptime with Extended Life Undercarriage

John Deere Extended Life Undercarriage provides a breakthrough in wear-parts protection. Through advances in heat treatment, alloy powders, atmospherics, and robotics, our slurry-coat process creates a tough shell around a wear part that won't break or crack under duress.

Years of testing have proven that SC-2-coated parts deliver approximately twice the wear life of uncoated parts. That's why downtime and owning and operating costs will be reduced with SC-2-coated bushings in your undercarriage.



In a patented process, alloy powders, atmospherics, and 2,000-deg. heat fuse the SC-2 coating fast to the part.

Get as much as twice the bushing life — or more

SC-2-coated bushings minimize service requirements because they deliver up to twice the life before you need to make a “turn decision.” In some cases, bushing turns may even be eliminated.

Standard bushing



Bushing with SC-2



Stands up to punishing tests

Track-chain assemblies were field-tested in sand. The photos above show that the standard bushing wore 32 percent, while the bushing with SC-2 coating had minimal wear.

Maximum Life Undercarriage is tested and ready

"We tested Maximum Life Undercarriage for over two years. We're confident this system will deliver the long, even wear our customers need. We've seen over 50-percent improvement in seal life and other undercarriage components. Most importantly, the parts and components in the system wear out at approximately the same time, for superior asset utilization."

TIM WODRICH

Chief Undercarriage Engineer,
John Deere Dubuque Works

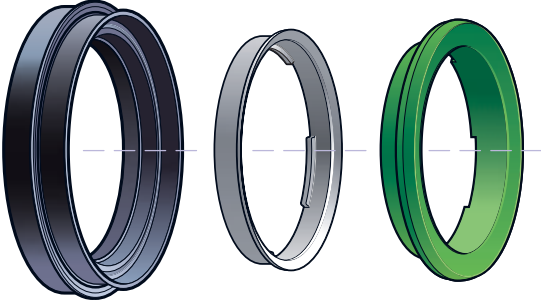
How much will the Maximum Life Undercarriage save you?

Plenty. And not just due to the super-tough SC-2 bushings. Sharing the credit for your coming bottom-line surge are the beefed-up chains, idlers, and carrier and track rollers. How beefed? The heavier components add 525 lb. to a 650K-sized undercarriage. More wear material means longer component life with more even wear in most soil types. You'll go longer before replacing the idler and carrier rollers, swapping the track rollers, or turning the bushings.



Maximum Life Undercarriage features larger and better seals

Maximum Life seals are reinforced to prevent deformation and retain structural integrity. Through their ingenious design, these seals retain lubrication in track-chain joints for long, even wear and unmatched wear life.



The seal design complements SC-2 bushings and larger components for added undercarriage longevity.

More steel for longer, more balanced wear, too

The Maximum Life Undercarriage system's major components such as track links, track rollers, carrier rollers, and front idlers are significantly larger. And more steel means longer wear in a well-balanced system like the Maximum Life Undercarriage.



The photo above depicts standard and Maximum Life Undercarriage parts fused together. The blue areas illustrate the added wear material in Maximum Life components.

Ask about Wear Assurance programs for Extended Life and Maximum Life Undercarriages

An investment in Extended Life and Maximum Life Undercarriages promises to reduce your operating costs and extend undercarriage wear life. And we stand behind that promise with our flexible Wear Assurance programs. Your John Deere dealer can structure a program that is right for you.

This literature has been compiled for worldwide circulation. While general information, pictures, and descriptions are provided, some illustrations and text may include finance, credit, insurance, product options, and accessories NOT AVAILABLE in all regions. PLEASE CONTACT YOUR LOCAL DEALER FOR DETAILS. John Deere reserves the right to change specification and design of all products described in this literature without notice.



JohnDeere.com