

# REFERENCE GUIDE

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## AGRICULTURAL TRACKS ELASTOMERIC WHEELS

### JOHN DEERE®

8000T-8030T SERIES  
8RT SERIES

9000T-9020T SERIES  
9030T-9RT SERIES

9RX SERIES



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INTRODUCTION AND TERMINOLOGY

Camso is the best of Camoplast and Solideal.  
To keep moving foward while staying true to our  
history, we're now the Road Free company.



Introduction

Farming operations across the country are unique. Working closely with track tractor and combines owners, Camso has created an extensive line of tracks to fit virtually any application. This guide is intended to help you better understand the complete line of tracks for tractors and provide helpful recommendations for the best use of each type.

All tractor tracks are built by Camso in Emporia, Kansas using an exclusive manufacturing process that keeps each component in place, resulting in a stronger track.

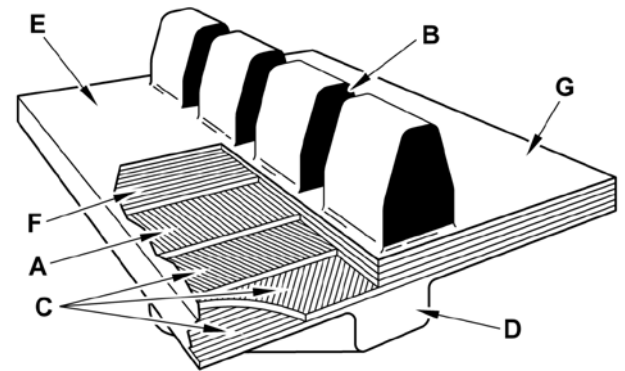
To choose the best track for your operation, carefully consider your applications:

- Cropping patterns
- Typical field conditions, soil types and terrain
- Implements used
- Amount of road travel

With knowledge of your local conditions and applications, your Camso dealer can help you use this guide to find the best track for your operation.

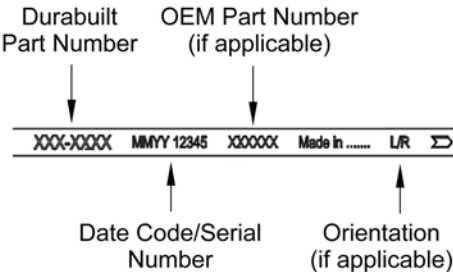
Camso Track Terminology

Camso tracks are constructed using a combination of natural and synthetic rubber in combination with steel reinforcing plies and continuous wound main cables. The main cables give the track tension strength. The bias and reinforcement plies protect the main cables, provide internal track alignment, and further increase lateral stiffness to better distribute loads across the track width. The tread bars are designed with specific shapes, with each shape giving a distinct performance advantage in specific applications.

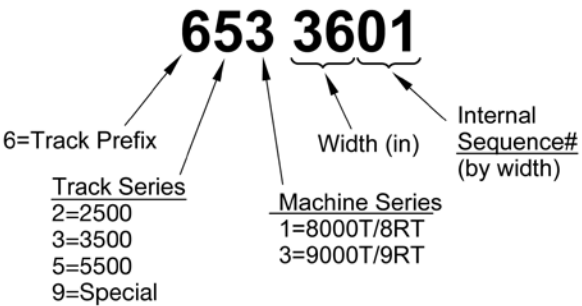


- A: Main cable
- B: Guide lug or drive lug
- C: Outer diameter (OD) bias plies  
(for cable protection and alignment)
- D: Tread bar
- E: Inside diameter (ID) track surface
- F: Inside diameter (ID) bias ply (for cable protection)
- G: Carcass

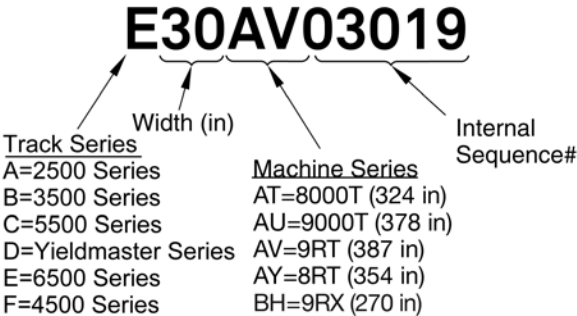
Track Identification (Edge of Track)



Track Part Number Format (Old)



Track Part Number Format (New)



## TRACK MACHINE OPERATIONAL GUIDELINES

### New Track Break-In

Tracks should be operated in dry soil as soon as possible after new installation Track guide and drive lugs, especially on new machines, benefit from correct break-in procedures. Correct break-in through immediate introduction of the track into dry soil helps reduce the initial amount of heat generation. Track components undergo a polishing-in process during the break-in period. During this time, flash is worn from wheel edges and a smooth steel to rubber interface is developed. New rubber surfaces benefit from frequent contact with the soil, which acts as a dry lubricant, and will facilitate smooth break-in and minimize heat during break-in activities.

Improper break-in may result in scuffs and poor appearance to the side of the guide or drive lugs. This will polish over once proper break-in procedures are resumed. Any significant transport distances before introduction in the field should be avoided or heat related damage to track and system components can result.

### Maintain Track Alignment

Track alignment should be checked periodically (per machine operator manual instructions), especially during break-in. Alignment may change throughout the life of the machine due to track or track system component wear. Significant misalignment may result in heating and accelerated wear to one side of the guide or drive lug, as well as cause heat related damage to the midrollers and drive wheels.

The most common way to verify alignment is through use of a shim to check guide or drive lug clearance with the front midrollers by driving a fixed distance and coasting to a stop on a flat hard surface. See your machine operators manual for proper procedures for checking and adjusting alignment on your specific platform.

Temperature differential between the inner and outer surface of a guide or drive lug can also be used as a secondary step to refine the alignment, if needed. However, it is acceptable to have some temperature differential remaining once the machine passes the shim check. As long as the temperature differential is maintained at less than 20 °C (40 °F), as measured during road transport, no further alignment adjustment should be required.

### Correct Operational Techniques

#### Tracks can pull more – so reduce loads at low speeds

Tracks deliver much less slip in high torque, low speed operations. Follow the operator's manual guidelines and stay above the minimum speed for full load operation. Never exceed the maximum ballasted weight in order to gain more traction in lower gears.

#### Use proper amounts of ballast

Ballast the tractor to achieve no less than 2-5% slip under heavy pull conditions. In addition, the best track performance comes from even weight distribution along the entire track length. Correct ballast will result in reduced tread bar wear, longer rolling component life, less compaction, and improved ride and turning performance.

#### Maintain correct track tension

In a friction drive system, proper track tension is critical to achieve maximum tractive performance. Inadequate tension can allow more material between the track and wheels, allow track to drive wheel slip, and increase the potential for untracking.

#### Keep material out of the track

Track systems are designed to allow for some amounts of material to pass between the drive wheel and track. However, uncompressable objects will cause very high localized track loading, which can result in chips, chunks, and tears in the track and undercarriage components. In addition, excessive material build-up inside the undercarriage can cause the tensioning system to run out of recoil. If recoil is used up, track tearing can occur. If a tractor becomes stuck, always dig out the undercarriage and pull the machine out backwards to avoid track damage.

#### Use care when crossing ditches or transitions

Track machines have certain maneuvers that should be approached with care. One example is during a transition from a sloped to a flat area, especially if transitioning at a diagonal. If dynamic turning is attempted during the transition, the risk is higher for untracking to occur. Operate at low speeds, and avoid turning, to minimize the risk of untracking in these situations.

## 8000T/8RT SERIES TRACK TRACTORS SPECIFICATIONS AND INFORMATION



### General Facts

- Produced 1997 to present
- 220-360 HP
- 324 in Length Track (1997-2008)
- 354 in Length Track (2009-present)

### Gauge Width

- 60 in - 88 in Standard (1997-2008)
- 92 in - 120 in Wide (1997-2008)
- 72 in - 120 in Standard (2009-present)
- 112 in - 160 in Wide (2009-present)

### Track System Service Information

#### 8000T Series Alignment Torques

- Adjusting Bolt (41 ft-lbs/55 N-m)
- Lock Nut (120 ft-lbs/160 N-m)

#### 8RT Series Torques

- Alignment Adjusting Bolt 220 ft-lbs (300 N-m)
- Alignment Lock Plate Cap Screw 95 ft-lbs (130 N-m)

#### Front Idler Bolts (610 N-m [450 ft-lbs])

- Tighten bolts, retension, then retighten.

**NOTE:** Follow casting diagram for proper track movement.

### Camso detensioning tools and literature

CST-0100 Detensioning Kit

CPB-0316 Removal / Installation Guide (8000T)

CPB-0319 Removal / Installation Guide (8RT)



### Machine Serial Number Location

8000T Series (Top of final drive case RH side,  
next to implement valve stack)

8RT Series (Tag is mounted on the RH frame rail)

### Machine Specific Notes

#### 8000T Series

Machines may have trouble with worn bushings and difficulty in movement in the front idler adjustment mechanism. If guide lugs are worn on one side, and can't be aligned, worn bushings or froze up alignment mechanism could be the cause.

If changing tracks, verify the front idler bushings are not worn past John Deere specifications. If they are, replace them or track alignment may not be successful.

#### 8RT Series

Drivewheel must be positioned correctly on the axle in order for successful alignment to occur. If the alignment adjustment takes more than 3 turns off-center, then check both mid-frame and drivewheel positions for correct location.

Drivewheel must be within 1/8 in of proper position as shown in operators manual in order to successfully align the track.

8000T-8030T SERIES (324 IN CIRCUMFERENCE)  
TRACK SELECTION



The John Deere 8000T-8030T Series tractors offered 2 under-carriage base widths and were the first rubber track tractors offered by John Deere for the Ag market.

Five track styles are available in four widths, including:

- Camso 2500 Series (General Ag)
- Camso 3500 Series (General Ag)
- Camso 3500 Series (High Traction)
- Camso 4500 Series (Side Slope)
- Camso 5500 Series (High Roding/Extreme Tread)

TRACK SERIES	TRACK DESCRIPTION	CAMSO P/N	TRACK WIDTH
2500	General Ag	A16AT03307	16 in (406 mm)
2500	General Ag	A18AT03308	18 in (457 mm)
2500	General Ag	A25AT03314	25 in (635 mm)
2500	General Ag	A30AT03309	30 in (762 mm)
3500	General Ag	631-1608	16 in (406 mm)
3500	General Ag	631-1803	18 in (457 mm)
3500	General Ag	631-2503	25 in (635 mm)
3500	General Ag	631-3040	30 in (762 mm)
3500	High Traction	631-2503	25 in (635 mm)
3500	High Traction	631-3038	30 in (762 mm)
4500	Side Slope	F25AT02942	25 in (635 mm)
4500	Side Slope	F30AT02943	30 in (762 mm)
5500	High Roding/Extreme Tread	651-1604	16 in (406 mm)
5500	High Roding/Extreme Tread	651-1605	16 in (406 mm)
5500	High Roding/Extreme Tread	651-1804	18 in (457 mm)
5500	High Roding/Extreme Tread	651-1823	18 in (457 mm)
5500	High Roding/Extreme Tread	651-1824	18 in (457 mm)
5500	High Roding/Extreme Tread	651-2504	25 in (635 mm)
5500	High Roding/Extreme Tread	651-3039	30 in (762 mm)

The tracks are tensioned by a nitrogen accumulator and hydraulic cylinder. Track tension pressure should be maintained at approximately 2750 psi (19,000 kPa). This creates a track tension at approximately 12,000 lbs (5450 kg). High and low pressure alarms warn the operator of potential issues.

Correct track tension pressure should be maintained to avoid either overtension or track to drive wheel slippage. Refer to the Operation and Maintenance Manual (OMM) for procedures to properly maintain track tension.

8000T-8030T Models  
[324 in (8230 mm) Track Circumference]:

8100T	8200T	8300T	8400T	
8110T	8210T	8310T	8410T	
8120T	8220T	8320T	8420T	8520T
8130T	8230T	8330T	8430T	8530T

CARCASS THICKNESS	GUIDE LUGS	TREAD BARS	TREAD BAR HEIGHT*	TREAD BAR PITCH
1.22 in (31 mm)	48	96	2.1 in (53 mm)	6.9 in (175 mm)
1.14 in (29 mm)	48	96	2.1 in (53 mm)	6.9 in (175 mm)
1.14 in (29 mm)	48	96	2.1 in (53 mm)	6.9 in (175 mm)
1.14 in (29 mm)	48	96	2.1 in (53 mm)	6.9 in (175 mm)
1.34 in (34 mm)	48	96	2.6 in (66 mm)	6.9 in (175 mm)
1.26 in (32 mm)	48	96	2.6 in (66 mm)	6.9 in (175 mm)
1.26 in (32 mm)	48	96	2.6 in (66 mm)	6.9 in (175 mm)
1.26 in (32 mm)	48	96	2.6 in (66 mm)	6.9 in (175 mm)
1.26 in (32 mm)	48	78	2.6 in (66 mm)	8.5 in (216 mm)
1.38 in (35 mm)	48	78	2.6 in (66 mm)	8.5 in (216 mm)
1.26 in (32 mm)	48	96	2.6 in (66 mm)	6.9 in (175 mm)
1.26 in (32 mm)	48	96	2.6 in (66 mm)	6.9 in (175 mm)
1.6 in (41 mm)	48	48 (RH)	2.6 in (66 mm)	6.9 in (175 mm)
1.6 in (41 mm)	48	48 (LH)	2.6 in (66 mm)	6.9 in (175 mm)
1.6 in (41 mm)	48	96	2.6 in (66 mm)	6.9 in (175 mm)
1.53 in (39 mm)	48	48 (RH)	2.6 in (66 mm)	6.9 in (175 mm)
1.53 in (39 mm)	48	48 (LH)	2.6 in (66 mm)	6.9 in (175 mm)
1.6 in (41 mm)	48	96	2.6 in (66 mm)	6.9 in (175 mm)
1.6 in (41 mm)	48	96	2.6 in (66 mm)	6.9 in (175 mm)

\* Nominal dimension-actual dimensions may vary within a tolerance.

Camso 2500 Series (General Ag)



The Camso 2500 Series is a track with the basic features of the 4500 series but offered with reduced height tread bars, and is targeted for customers looking at lowest initial cost track replacement. This track performs well in light primary and secondary tillage applications. This is an excellent track for use on the older, lower usage tractors.

This track utilizes the same premium rubber compounds and materials as the 3500, 4500, and 5500 series.

AVAILABLE SIZES
16 in (406 mm)
18 in (457 mm)
25 in (635 mm)
30 in (762 mm)
TREAD BAR HEIGHT
2.1 in (53 mm)
TREAD BARS
96
TREAD BAR TIP WIDTH
2.0 in (51 mm)
TREAD BAR PITCH
6.9 in (175 mm)
GUIDE LUGS
48
GUIDE LUG LENGTH
4.1 in (104 mm)
CARCASS THICKNESS
1.14 in (29 mm)**
1.22 in (31 mm)*

\* 16 inch tracks  
\*\* 18, 25 and 30 inch tracks

Camso 3500 Series (General Ag)



The 3500 Series track provides optimum flotation, traction and track life for most applications. This all-purpose track performs well in a wide range of conditions.

This design is equipped with 48 guide lugs and 2.6 inch (66 mm) tall tread bars. These features work together to provide an excellent ride with superior track alignment, traction and self-cleaning in wet or sticky conditions.

AVAILABLE SIZES
16 in (406 mm)
18 in (457 mm)
25 in (635 mm)
30 in (762 mm)
TREAD BAR HEIGHT
2.6 in (66 mm)
TREAD BARS
96
TREAD BAR TIP WIDTH
1.5 in (38 mm)
TREAD BAR PITCH
6.9 in (175 mm)
GUIDE LUGS
48
GUIDE LUG LENGTH
4.1 in (104 mm)
CARCASS THICKNESS
1.26 in (32 mm)
1.34 in (34 mm)



Camso 3500 Series (High Traction)



The Camso 3500 High Traction Series tracks provide the carcass strength and durability of the Camso 3500 Series tracks, but with a wider tread spacing (8.3 in pitch instead of 6.8 in pitch).

The Camso 3500 High Traction Series tracks is recommended to be used in applications such as heavy drawbar applications that require traction in soft field conditions and for optimum tread cleanout in sticky conditions. This track features the large main cable and increased carcass thickness, the tread bars are tapered and have a greater pitch improving traction in wet/soft field conditions and optimum tread cleanout in muddy or sticky field conditions.

Although this track has improved traction in wet conditions, the tradeoff is that this track will have a rougher ride, increased vibration, and increased tread wear compared to the Standard Camso 3500 series track.

AVAILABLE SIZES
25 in (635 mm)
30 in (762 mm)
TREAD BAR HEIGHT
2.6 in (66 mm)
TREAD BARS
78
TREAD BAR TIP WIDTH
1.5 in (38 mm)
TREAD BAR PITCH
8.5 in (216 mm)
GUIDE LUGS
48
GUIDE LUG LENGTH
4.1 in (104 mm)
CARCASS THICKNESS
1.26 in (32 mm)
1.38 in (35 mm)

Camso 4500 Series (Side Slope)



The Camso 4500 Series Side Slope tracks are designed specifically to increase guide lug life of track tractors operating on steep side slopes. The track provides the features of the Camso 4500 Series (General Ag) tracks but has the longer guide lugs of the Camso 5500 Series tracks for improved detracking resistance and increased wear area. The longer guide lugs provide greater life and side load resistance on steep side slopes, improving overall track life and decreasing your cost of operation in these adverse conditions.

In many cases, customers have had to use the heavy duty Camso 5500 Series tracks in side slope applications for the longer guide lugs and improved side load capabilities. The new Camso 4500 Series provides the side slope capability of the Camso 5500 tracks with the features, benefits, and price point of the Camso 3500/4500 Series (General Ag) tracks.

AVAILABLE SIZES
25 in (635 mm)
30 in (762 mm)
TREAD BAR HEIGHT
2.6 in (66 mm)
TREAD BARS
96
TREAD BAR TIP WIDTH
1.5 in (38 mm)
TREAD BAR PITCH
6.9 inch (175 mm)
GUIDE LUGS
48
GUIDE LUG LENGTH
4.7 in (119 mm)
CARCASS THICKNESS
1.26 in (32 mm)

Camso 5500 Series (High Rading)



Built for use in tough conditions, 5500 Series tracks are the right choice for extensive road travel, operating on sidehills and operating in abrasive underfoot conditions. 5500 Series tracks are designed to withstand harsh applications such as land-leveling and cotton and sugar cane residue.

AVAILABLE SIZES
16 in (406 mm)
18 in (457 mm)
25 in (635 mm)
30 in (762 mm)
TREAD BAR HEIGHT
2.6 in (66 mm)
TREAD BARS
48* or 96
TREAD BAR TIP WIDTH
2.25 in (57 mm)
TREAD BAR PITCH
6.9 in (175 mm)
GUIDE LUGS
48
GUIDE LUG LENGTH
4.7 in (119 mm)
CARCASS THICKNESS
1.61 in (41 mm)

The 5500 series offers more rubber and more steel. This includes increased tread height and width, longer guide lugs, and a heavier carcass, including additional rubber layers or additional reinforcement plies, or both, depending on the width.

BRT SERIES (354 IN CIRCUMFERENCE)  
TRACK SELECTION



The 8RT series offers an all new undercarriage design by Camso, and incorporates an air suspension system that improves ride, reduces vibration, and reduces maintenance costs.

Four track styles are available in five widths. These tracks include:

- Camso 2500 Series (General Ag)
- Camso 4500 Series (General Ag)
- Camso 4500 Series (Side Slope)
- Camso 6500 Series (High Roading)

TRACK SERIES	TRACK DESCRIPTION	CAMSO P/N	TRACK WIDTH
2500	General Ag	A16AY03298	16 in (406 mm)
2500	General Ag	A18AY03299	18 in (457 mm)
2500	General Ag	A25AY03300	25 in (635 mm)
2500	General Ag	A30AY03310	30 in (762 mm)
4500	General Ag - Diagonal RH	F16AY02946	16 in (406 mm)
4500	General Ag - Diagonal LH	F16AY02947	16 in (406 mm)
4500	General Ag - Chevron	F16AY03238	16 in (406 mm)
4500	General Ag	F18AY02951	18 in (457 mm)
4500	General Ag	F24AY03010	24 in (609 mm)
4500	General Ag	F25AY03012	25 in (635 mm)
4500	General Ag	F30AY03014	30 in (762 mm)
4500	Side Slope	F25AY02952	25 in (635 mm)
4500	Side Slope	F30AY02953	30 in (762 mm)
6500	High Roading - Diagonal RH	E16AY02944	16 in (406 mm)
6500	High Roading - Diagonal LH	E16AY02945	16 in (406 mm)
6500	High Roading - Chevron	E16AY03237	16 in (406 mm)
6500	High Roading - Chevron	E18AY02948	18 in (457 mm)
6500	High Roading - Diagonal RH	E18AY02949	18 in (457 mm)
6500	High Roading - Diagonal LH	E18AY02950	18 in (457 mm)
6500	High Roading	E25AY03011	25 in (635 mm)
6500	High Roading	E30AY03013	30 in (762 mm)

The tracks are tensioned by a nitrogen accumulator and hydraulic cylinder. Track tension pressure should be maintained at 2950 psi (20,339 kPa). This creates a track tension at approx. 16,000 lbs (7257 kg). Track tension pressure can be monitored utilizing the tractor monitor screen on most 8RT Series Tractors. High and low pressure alarms warn the operator of potential issues.

Correct track tension pressure should be maintained to avoid either overtension or track to drive wheel slippage. Refer to the Operation and Maintenance Manual (OMM) for procedures to properly maintain track tension.

8RT Models [354 in (8992 mm) Track Circumference]:

8295RT	8310RT	8320RT
8335RT	8345RT	8360RT
8370RT		

CARCASS THICKNESS	GUIDE LUGS	TREAD BARS	TREAD BAR HEIGHT*	TREAD BAR PITCH
1.22 in (31 mm)	46	100	2.3 in (58 mm)	7.30 in (185 mm)
1.22 in (31 mm)	46	100	2.3 in (58 mm)	7.30 in (185 mm)
1.22 in (31 mm)	46	100	2.3 in (58 mm)	7.30 in (185 mm)
1.14 in (29 mm)	46	100	2.3 in (58 mm)	7.30 in (185 mm)
1.46 in (37 mm)	46	50 (RH)	2.6 in (66 mm)	7.30 in (185 mm)
1.46 in (37 mm)	46	50 (LH)	2.6 in (66 mm)	7.30 in (185 mm)
1.46 in (37 mm)	46	100	2.6 in (66 mm)	7.30 in (185 mm)
1.46 in (37 mm)	46	100	2.6 in (66 mm)	7.30 in (185 mm)
1.46 in (37 mm)	46	100	2.6 in (66 mm)	7.30 in (185 mm)
1.46 in (37 mm)	46	100	2.6 in (66 mm)	7.30 in (185 mm)
1.46 in (37 mm)	46	100	2.6 in (66 mm)	7.30 in (185 mm)
1.46 in (37 mm)	46	100	2.6 in (66 mm)	7.30 in (185 mm)
1.46 in (37 mm)	46	100	2.6 in (66 mm)	7.30 in (185 mm)
1.73 in (44 mm)	46	50 (RH)	2.8 in (71 mm)	7.30 in (185 mm)
1.73 in (44 mm)	46	50 (LH)	2.8 in (71 mm)	7.30 in (185 mm)
1.73 in (44 mm)	46	100	2.8 in (71 mm)	7.30 in (185 mm)
1.73 in (44 mm)	46	100	2.8 in (71 mm)	7.30 in (185 mm)
1.73 in (44 mm)	46	50 (RH)	2.8 in (71 mm)	7.30 in (185 mm)
1.73 in (44 mm)	46	50 (LH)	2.8 in (71 mm)	7.30 in (185 mm)
1.65 in (42 mm)	46	100	2.8 in (71 mm)	7.30 in (185 mm)
1.65 in (42 mm)	46	100	2.8 in (71 mm)	7.30 in (185 mm)

\* Nominal dimension-actual dimensions may vary within a tolerance.

Camso 2500 Series (General Ag)



The Camso 2500 Series is a track with the basic features of the 3500 Series but offered with reduced height tread bars, and is targeted for customers looking at lowest initial cost track replacement.

This track performs well in light primary and secondary tillage applications. This is an excellent track for use in the older, lower usage tractors.

This track utilizes the same premium rubber compounds and materials as the 4500 and 6500 Series.

AVAILABLE SIZES
16 in (406 mm)
18 in (457 mm)
25 in (635 mm)
30 in (762 mm)
TREAD BAR HEIGHT
2.3 in (58 mm)
TREAD BARS
100
TREAD BAR TIP WIDTH
1.6 in (41 mm)
TREAD BAR PITCH
7.3 in (185mm)
GUIDE LUGS
46
GUIDE LUG LENGTH
4.5 in (114 mm)
CARCASS THICKNESS
1.14 in (29 mm)*
1.22 in (31 mm)**

\* 30 inch tracks

\*\* 16, 18 and 25 inch tracks

Camso 4500 Series (General Ag)



The Camso 4500 Series General Ag tracks are based on the original OEM standard track design but with several added features and improvements. The Camso 4500 Series tracks feature an improved carcass construction and guide lug design, as compared to the Camso 3500 Series tracks. The improved carcass provides additional protection to the main cables resulting in additional track life in some applications.

The Camso 4500 Series tracks provide excellent traction in most farming applications. The tread height is ideal for improved ride, mud cleanout, and tread wear.

The shape of the guide lugs on the 4500 series have been improved as well, improving both strength and overall appearance.

AVAILABLE SIZES
16 in (406 mm)*
18 in (457 mm)
24 in (610 mm)
25 in (635 mm)
30 in (762 mm)
TREAD BAR HEIGHT
2.6 in (66 mm)
TREAD BARS
100 or 50*
TREAD BAR TIP WIDTH
1.6 in (41 mm)
TREAD BAR PITCH
7.3 in (185 mm)
GUIDE LUGS
46
GUIDE LUG LENGTH
4.5 in (114 mm)
CARCASS THICKNESS
1.45 in (37 mm)

\* 16 inch tracks offered in both directional (Diagonal) tread design or traditional chevron pattern

Camso 4500 Series (Side Slope)



AVAILABLE SIZES
25 in (635 mm)
30 in (762 mm)
TREAD BAR HEIGHT
2.6 in (66 mm)
TREAD BARS
100
TREAD BAR TIP WIDTH
1.6 in (41 mm)
TREAD BAR PITCH
7.3 in (185 mm)
GUIDE LUGS
46
GUIDE LUG LENGTH
5.3 in (135 mm)
CARCASS THICKNESS
1.45 in (37 mm)

The Camso 4500 Series Side Slope tracks are designed specifically to increase guide lug life of track tractors operating on steep side slopes. The track provides the features of the Camso 4500 Series (General Ag) tracks but has the longer guide lugs of the Camso 6500 Series tracks for improved detracking resistance and increased wear area. The longer guide lugs provide greater life and side load resistance on steep side slopes, improving overall track life and decreasing your cost of operation in these adverse conditions.

In many cases, customers have had to use the heavy duty Camso 5500 Series tracks in side slope applications for the longer guide lugs and improved side load capabilities. The new Camso 4500 Series provides the side slope capability of the Camso 5500 or 6500 Series tracks with the features, benefits, and price point of the Camso 3500/4500 Series (General Ag) tracks.

Camso 6500 Series (High Rading)



AVAILABLE SIZES
16 in (406 mm)*
18 in (457 mm)*
25 in (635 mm)
30 in (762 mm)
TREAD BAR HEIGHT
2.8 in (71 mm)
TREAD BARS
50* & 100
TREAD BAR TIP WIDTH
2.5 in (64 mm)
TREAD BAR PITCH
7.3 in (185 mm)
GUIDE LUGS
46
GUIDE LUG LENGTH
5.3 in (135 mm)
CARCASS THICKNESS
1.65 in (42 mm)
1.73 in (44 mm)

Built for use in extreme conditions, the Camso 6500 Series tracks are specifically designed to improve track carcass life in the most demanding applications. This track is the right choice for your narrow row crop and furrow applications where a lot of material is ingested into the track or applications requiring long roading distances.

The Camso 6500 Series tracks feature an improved carcass construction that greatly reduces the damage reaching the main cables. By reducing the damage that reaches the main cables, track life is improved and overall cost of operation is decreased.

The Camso 6500 Series 16 and 18 in tracks for the 8RT series utilizes a new Extreme Duty main cable. The cable is 24% larger than our prior largest heavy duty main cable used in the 5500 Series tracks, making these tracks now the strongest tracks in the market for their width.

The Camso 6500 Series tracks feature a longer guide lugs for superior track retention and guide lug life in demanding applications. The shape of the guide lugs have been improved as well, improving guide lug strength and appearance.

*\* 16 and 18 inch tracks available in both a single bar (directional) tread design or the traditional chevron tread pattern*

Track Series vs Application Matrix (Track Type)

	APPLICATION/OPERATION DESCRIPTION	2500 SERIES (General Ag)
Soil Types	Hard packed clay	Not recommended
	Silt/Loam	OK to use
	Sticky and wet ground conditions	Not recommended
	Gumbo	Not recommended
	Rocky/Abrasive	Not recommended
	Gravel	Not recommended
	Sandy	Not recommended
	Snow/Ice	Not recommended
Field Conditions	Minimal ground disturbance/Berming	Recommended
	Extreme cold	Not recommended
	In furrow applications	Not recommended
	Short fields, applications requiring a lot of turning	Not recommended
	Flat land farming, slopes up to 10%	OK to use
	Moderate side slope applications, slopes from 10 to 25%	OK to use
	Severe side slope applications, slopes greater than 25%	Not recommended
Road Travel	Small amount of roading, most field and travel distances within 5 mile radius	Recommended
	Moderate amount of roading, most field and travel distances between 5 and 10 mile radius	OK to use
	High amount of roading, typically travel in excess of 10 miles	Not recommended
Crop Types	Wheat/Cereal grains	OK to use
	Corn/Sorghum	OK to use
	Soybeans	OK to use
	Alfalfa/Grasses/Switchgrass	Recommended
	Cotton	Not recommended
	Sunflowers	Not recommended
	Rice	Not recommended
	Sugarcane	Not recommended
	Sugar beets	Not recommended
	Vegetables	Not recommended

3500/4500 SERIES (General Ag)	3500 SERIES (High Traction)	5500/6500 SERIES (High Roading/Extreme Tread)
Not recommended	OK to use	Not recommended
Recommended	OK to use	Recommended
OK to use	Recommended	Recommended
OK to use	Recommended	Recommended
Not recommended	OK to use	Recommended
Not recommended	OK to use	Recommended
OK to use	OK to use	Recommended
OK to use	OK to use	OK to use
OK to use	Not recommended	OK to use
Recommended	Not recommended	Not recommended
Not recommended	OK to use	Not recommended
Not recommended	OK to use	Recommended
Recommended	OK to use	Recommended
Recommended	OK to use	Recommended
4500 Series Side Slope - OK to use	OK to use	Recommended
Recommended	OK to use	Recommended
Recommended	OK to use	Recommended
OK to use	Not recommended	Recommended
Recommended	OK to use	Recommended
Recommended	OK to use	Recommended
Recommended	OK to use	Recommended
OK to use	OK to use	OK to use
OK to use	OK to use	OK to use
Recommended	OK to use	Recommended
OK to use	OK to use	OK to use
OK to use	OK to use	Recommended
Not recommended	OK to use	OK to use

Track Series vs Application Matrix (Track Type) (Cont'd)

Applications	APPLICATION/OPERATION DESCRIPTION	2500 SERIES (General Ag)
	Primary tillage (deep ripping, chisel plow, etc.)	Not recommended
	Secondary tillage (field cultivator, disk, roller, etc.)	OK to use
	Fully mounted roll over plow	Not recommended
	Row crop planter	OK to use
	Air seeder	OK to use
	Manure tank	Not recommended
	Grain cart	OK to use
	Tile plow	Not recommended
	Spraying	Recommended
	Hay baling	Recommended
	Stalk chopper/Brush hog	Not recommended
	Vegetable bedder	Not recommended
	Front Blade – Silage	Not recommended
	Forage harvester	OK to use
	Snow grooming	Not recommended
	Agricultural scraper	Not recommended
	Commercial scraper	Not recommended
	Forestry	Not recommended
	Non-agricultural applications	Not recommended

3500/4500 SERIES (General Ag)	3500 SERIES (High Traction)	5500/6500 SERIES (High Rading/Extreme Tread)
Recommended	OK to use	Recommended
Recommended	OK to use	Recommended
Not recommended	OK to use	Recommended
Recommended	OK to use	Recommended
Recommended	OK to use	Recommended
OK to use	OK to use	OK to use
Recommended	OK to use	Recommended
Not recommended	OK to use	Recommended
Recommended	OK to use	Recommended
Recommended	OK to use	Recommended
OK to use	OK to use	OK to use
Not recommended	OK to use	Not recommended
Not recommended	OK to use	Recommended
Recommended	OK to use	Recommended
Recommended	OK to use	Recommended
Not recommended	Not recommended	OK to use
Not recommended	Not recommended	Not recommended
Not recommended	Not recommended	Not recommended
Not recommended	Not recommended	Not recommended

Track Series vs Application Matrix (Track Width)

	APPLICATION/OPERATION DESCRIPTION
Field Conditions	Minimal ground disturbance/Berming
	Extreme cold
	In furrow applications
	Short fields, applications requiring a lot of turning
	Flat land farming, slopes up to 10%
	Moderate side slope applications, slopes from 10 to 25%
	Severe side slope applications, slopes greater than 25%
Road Travel	Small amount of roading, most field and travel distances within 5 mile radius
	Moderate amount of roading, most field and travel distances between 5 and 10 mile radius
	High amount of roading, typically travel in excess of 10 miles
Applications	Primary tillage (deep ripping, chisel plow, etc.)
	Secondary tillage (field cultivator, disk, roller, etc.)
	Fully mounted roll over plow
	Row crop planter
	Air seeder
	Manure tank
	Grain cart
	Tile plow
	Spraying
	Hay baling
	Stalk chopper/Brush hog
	Vegetable bedder
	Front Blade – Silage
	Forage harvester
	Snow grooming
	Agricultural scraper
	Commercial scraper
	Forestry
	Non-agricultural applications

16 in (406 mm)	18 in and 24 in (457 mm and 607 mm)	25 in and 30 in (635 mm and 762 mm)
OK to use	OK to use	Recommended
OK to use	OK to use	OK to use
OK to use	OK to use	Not recommended
OK to use	OK to use	OK to use
OK to use	OK to use	OK to use
Not recommended	OK to use	OK to use
Not recommended	Not recommended	OK to use
OK to use	OK to use	OK to use
OK to use	OK to use	OK to use
Not recommended	OK to use	Recommended
Not recommended	OK to use	Recommended
OK to use	OK to use	OK to use
Not recommended	OK to use	Recommended
Not recommended	OK to use	OK to use
Not recommended	OK to use	OK to use
Not recommended	OK to use	OK to use
OK to use	OK to use	OK to use
OK to use	OK to use	OK to use
OK to use	OK to use	OK to use
Not recommended	OK to use	OK to use
OK to use	OK to use	OK to use
Not recommended	OK to use	OK to use
Not recommended	Not recommended	OK to use
Not recommended	OK to use	OK to use
Not recommended	OK to use	OK to use



Track OEM/Aftermarket Cross Reference

8000T Through 8030T Series

JOHN DEERE 8000T-8030T SERIES			
CURRENT CAMSO P/N	CAMSO SERIES	DESCRIPTION	WIDTH
A16AT03307	2500	General Ag	16 in (406 mm)
A18AT03308	2500	General Ag	18 in (457 mm)
A25AT03314	2500	General Ag	25 in (635 mm)
A30AT03309	2500	General Ag	30 in (762 mm)
631-1608	3500	General Ag	16 in (406 mm)
631-1803	3500	General Ag	18 in (457 mm)
631-2509	3500	General Ag	25 in (635 mm)
631-3040	3500	General Ag	30 in (762 mm)
631-2503	3500	High Traction	25 in (635 mm)
631-3038	3500	High Traction	30 in (762 mm)
F25AT02942	4500	4500 (Side Slope)	25 in (635 mm)
F30AT02943	4500	4500 (Side Slope)	30 in (762 mm)
651-1604 (RH)	5500	High Roding/Extreme Tread	16 in (406 mm)
651-1605 (LH)	5500	High Roding/Extreme Tread	16 in (406 mm)
651-1804	5500	High Roding/Extreme Tread	18 in (457 mm)
651-1823 (RH)	5500	High Roding/Extreme Tread	18 in (457 mm)
651-1824 (LH)	5500	High Roding/Extreme Tread	18 in (457 mm)
651-2504	5500	High Roding/Extreme Tread	25 in (635 mm)
651-3039	5500	High Roding/Extreme Tread	30 in (762 mm)

JOHN DEERE 8000T-8030T SERIES		
PREVIOUS CAMSO P/N	EQUIVALENT JOHN DEERE P/N	DIFFERENCES
621-1607	R246868	Tread tip width
621-1806	R246869	No changes
621-2510	R246870	No changes
621-3037	R293500	Tread height and tread tip width
631-1608	R241742	No changes
631-1803	R241743	No changes
631-2509	R241745	No changes
631-3040 631-3012	R292528 R241747	No changes
631-2503	R220829	No changes - European use only
631-3038 631-3001	R292526 R220830	No changes - European use only
NA	R545939	New track offering
NA	R545938	New track offering
651-1604	R222974	No changes
651-1605	R222975	No changes
651-1804	R222976	No changes
651-1823	R312148	No changes
651-1824	R312149	No changes
651-2504	R241750	No changes
651-3039 651-3040	R292531 R292528	No changes

Track OEM/Aftermarket Cross Reference (Cont'd)

8RT Series

JOHN DEERE 8RT SERIES				
CURRENT CAMSO P/N	CURRENT JOHN DEERE P/N	TRACK SERIES	TRACK WIDTH	PREVIOUS CAMSO P/N
A16AY03298	NA	2500	16 in (406 mm)	NA
A18AY03299	NA	2500	18 in (457 mm)	NA
A25AY03300	NA	2500	25 in (635 mm)	NA
A30AY03310	NA	2500	30 in (762 mm)	NA
F16AY02946	R545853**	4500	16 in (406 mm)	631-1627
F16AY02947	R545852**	4500	16 in (406 mm)	631-1630
F16AY03238	NA	4500	16 in (406 mm)	NA
F18AY02951	R545856	4500	18 in (457 mm)	631-1819
F24AY03010	R545860	4500	24 in (609 mm)	631-2401
F25AY03012	R545861	4500	25 in (635 mm)	631-2524
F30AY03014	R545863	4500	30 in (762 mm)	631-3032
F25AY02952	R545865	4500 (Side Slope)*	25 in (635 mm)	NA
F30AY02953	R545866	4500 (Side Slope)*	30 in (762 mm)	NA
E16AY02944	R545855	6500	16 in (406 mm)	651-1628
E16AY02945	R545854	6500	16 in (406 mm)	651-1629
E16AY03237	R563760	6500	16 in (406 mm)	NA
E18AY02948	R545859	6500	18 in (457 mm)	651-1820
E18AY02949	R545857	6500	18 in (457 mm)	651-1827
E18AY02950	R545858	6500	18 in (457 mm)	651-1828
E25AY03011	R545862	6500	25 in (635 mm)	651-2525
E30AY03013	R545864	6500	30 in (762 mm)	651-3033

\* Side Slope Configuration  
\*\* No longer available at Deere.

JOHN DEERE 8RT SERIES	
PREVIOUS JOHN DEERE P/N	DIFFERENCES
NA	New track offering
NA	New track offering
NA	New track offering
NA	New track offering
R266184	New carcass construction and guide lugs
R266185	New carcass construction and guide lugs
NA	Chevron style tread
R266187	New carcass construction and guide lugs
R265475	New carcass construction and guide lugs
R272485	New carcass construction and guide lugs
R265476	New carcass construction and guide lugs
NA	New track offering
NA	New track offering
R266188	Heavier main cable, new carcass and new guide lugs
R266189	Heavier main cable, new carcass and new guide lugs
NA	Chevron style tread
R266190	Heavier main cable, new carcass and new guide lugs
R313222	Heavier main cable, new carcass and new guide lugs
R313220	Heavier main cable, new carcass and new guide lugs
R265477	New carcass construction and guide lugs
R265478	New carcass construction and guide lugs

Camso Hi-Yield Cross Reference (Discontinued)

JOHN DEERE 8000T-8030T		
TRACK WIDTH	TRACK DESCRIPTION	JOHN DEERE P/N
16 in	Hi-Yield	R189301
16 in	Hi-Yield Gen 2	R215592
18 in	Hi-Yield	R189298
18 in	Hi-Yield Gen 2	R215589
18 in	Hi-Traction	R187580
18 in	Hi-Traction Gen 2	R215585
24 in	Hi-Yield	R189299
24 in	Hi-Yield Gen 2	R215590
24 in	Hi-Traction	R179364
24 in	Hi-Traction Gen 2	R215586
30 in	Hi-Yield	R189300
30 in	Hi-Yield Gen 2	R215591
30 in	Hi-Traction	R189297
30 in	Hi-Traction Gen 2	R189297

## 9000T/9RT SERIES TRACK TRACTORS SPECIFICATIONS AND INFORMATION



### General Facts

- Produced 1999-present
- 375-560 HP
- 378 in Length Track (1999-2006)
- 387 in Length Track (2007-present)

### Gauge Width

- 106 in Gauge Width (1999-present)

### Track System Service Information

#### 9000T-9020T Series

- No alignment adjustment available
- Front Idler Bolts 450 ft-lbs (610 N-m)
- Tighten bolts once before removal from stands, then 2nd time after retensioning

#### 9030T/9RT Series

- Alignment Lock Plate Cap Screw 95 ft-lbs (130 N-m)
- Alignment Adjusting Bolt 220 ft-lbs (300 N-m)
- Front Idler Bolts 790 ft-lbs (1070 N-m)
- Drivewheel/Midroller Bolts 330 ft-lbs (450 N-m)
- Tighten bolts once before removal from stands, then 2nd time after re-tensioning

**NOTE:** Follow casting diagram for proper track movement.

### Camso detensioning tools and literature

CST-0100 Detensioning Kit

CPB-0316 Removal / Installation Guide (9000T-9020T)

CPB-0319 Removal / Installation Guide (9030T-9RT)



### Machine Specific Notes

#### 9000T-9020T Series

This machine does not have track alignment adjustment. Tracks that display misalignment after installation may show some break-in scuffing. However, large temperature differences between inboard and outboard side of the guide lugs are not normal and should be investigated:

- Check front idlers for equal circumference and possibly swap if not the same from inside to outside.
- Check drive wheel wear. Uneven drive wheel wear can cause tracks to move towards the drive wheel with the least wear.
- If both tracks are running in or both are running out, it may help to swap the tracks side to side to try and equalize the wear and possible better center the tracks.
- If only 1 track is out of alignment, inspect that frame and spindle for signs of being bent.

If significant misalignment remains after these checks, have customer contact John Deere dealer and open a DTAC case concerning the track misalignment. Deere has procedures and methods to check further into the issue.

#### 9030T-9RT Series

This machine has track alignment adjustment. Check and adjust this periodically, and always when replacing or changing tracks.

9000T-9020T SERIES (378 IN CIRCUMFERENCE)  
TRACK SELECTION



Every operation demands efficiency and reliability. In order to balance track life, flotation and compaction, Camso offers a range of tracks to customize your tractor to your operation.

Three track styles are available in two widths. These tracks include:

- Camso 2500 Series (General Ag)
- Camso 3500 Series (General Ag)
- Camso 5500 Series (High Roading/Extreme Tread)

TRACK SERIES	TRACK DESCRIPTION	P/N	TRACK WIDTH
2500	General Ag	A30AU03313	30 in (762 mm)
2500	General Ag	A36AU03353	36 in (914 mm)
3500	General Ag	633-3019	30 in (762 mm)
3500	General Ag	633-3606	36 in (914 mm)
5500	High Roading/ Extreme Tread	653-3010	30 in (762 mm)
5500	High Roading/ Extreme Tread	653-3601	36 in (914 mm)

The tracks are tensioned by a nitrogen accumulator and hydraulic cylinder. Track tension pressure should be maintained at 2950 psi (20,339 kPa). This creates a track tension of approximately 22,000 lbs (10,000kg). High and low pressure alarms warn the operator of potential issues.

Correct track tension pressure should be maintained to avoid either overtension or track to drive wheel slippage. Reference the tractor’s Operation and Maintenance Manual (OMM) for procedures to properly maintain track tension.

9000T-9020T Models  
[378 in (9601 mm) Track Circumference]:

9300T	9400T		
9320T	9420T	9520T	9620T

CARCASS THICKNESS*	GUIDE LUGS	TREAD BARS	TREAD BAR HEIGHT*
1.33 in (34 mm)	54	92	2.3 in (58 mm)
1.33 in (34 mm)	54	92	2.3 in (58 mm)
1.45 in (37 mm)	54	92	2.8 in (71 mm)
1.45 in (37 mm)	54	92	2.8 in (71 mm)
1.6 in (41 mm)	54	92	2.9 in (74 mm)
1.6 in (41 mm)	54	92	2.9 in (74 mm)

\* Nominal dimension-actual dimensions may vary within a tolerance.

Camso 2500 Series (General Ag)



The Camso 2500 Series is a track with the basic features of the 3500 series but offered with reduced height tread bars, and is targeted for customers looking at lowest initial cost track replacement. This track performs well in light primary and secondary tillage applications. This is an excellent track for use in the older, lower usage tractors.

This track utilizes the same premium rubber compounds and materials as the 3500 and 5500 Series.

AVAILABLE SIZES
30 in (762 mm)
36 in (914 mm)
TREAD BAR HEIGHT
2.3 in (58 mm)
TREAD BARS
92
TREAD BAR TIP WIDTH
1.6 in (40 mm)
TREAD BAR PITCH
8.4 in (213 mm)
GUIDE LUGS
54
GUIDE LUG LENGTH
4.5 in (114 mm)
CARCASS THICKNESS
1.33 in (34 mm)

Camso 3500 Series (General Ag)



The 3500 Series tracks is an all-purpose design intended to fit most applications and field conditions. It provides excellent flotation, traction and track life for tractors used in a wide range of applications.

The 3500 series tracks offer a balance of tread height and tread spacing to give a good mix of both self-cleaning capabilities, good traction, and smooth ride. This track is the standard factory option for new John Deere machines.

AVAILABLE SIZES
30 in (762 mm)
36 in (914 mm)
TREAD BAR HEIGHT
2.8 in (68.5 mm)
TREAD BARS
92
TREAD BAR TIP WIDTH
1.6 in (40 mm)
TREAD BAR PITCH
8.4 in (213 mm)
GUIDE LUGS
54
GUIDE LUG LENGTH
4.5 in (114 mm)
CARCASS THICKNESS
1.45 in (37 mm)

Camso 5500 Series (High Roading/Extreme Tread)



Built for use in tough conditions, 5500 Series tracks are the right choice for extensive road travel, operating on sidehills and operating in abrasive underfoot conditions. 5500 Series tracks are designed to withstand harsh applications such as land-leveling and cotton and sugar cane residue.

The 5500 series offers more rubber and more steel. This includes increased tread height and width, longer guide lugs, and a heavier carcass, including additional rubber layers or additional reinforcement plies, or both, depending on the width.

AVAILABLE SIZES
30 in (762 mm)
36 in (914 mm)
TREAD BAR HEIGHT
2.9 in (74 mm)
TREAD BARS
92
TREAD BAR TIP WIDTH
2.7 in (69 mm)
TREAD BAR PITCH
8.4 in (213 mm)
GUIDE LUGS
54
GUIDE LUG LENGTH
5.25 in (133 mm)
CARCASS THICKNESS
1.61 in (41 mm)

9030T-9RT SERIES (387 IN CIRCUMFERENCE)  
TRACK SELECTION



The 9030T-9RT series offers an all new undercarriage design by Camso, and incorporates an air suspension system that improves ride, reduces vibration, and reduces maintenance costs.

Five track styles are available in two widths. These tracks include:

- Camso 2500 Series (General Ag)
- Camso 4500 Series (General Ag)
- Camso 4500 Series (Side Slope)
- Camso 6500 Series (High Roading/Extreme Tread)
- Camso 6500 Series (Scraper)

TRACK SERIES	TRACK DESCRIPTION	CAMSO P/N	TRACK WIDTH
2500	General Ag	A30AV03301	30 in (762 mm)
4500	General Ag	F30AV03020	30 in (762 mm)
4500	General Ag	F36AV03022	36 in (914 mm)
4500	Side Slope	F30AV02955	30 in (762 mm)
6500	High Roading/ Extreme Tread	E30AV03019	30 in (762 mm)
6500	High Roading/ Extreme Tread	E36AV03021	36 in (914 mm)
6500	Scraper	E30AV02954	30 in (762 mm)

The tracks are tensioned by a nitrogen accumulator and hydraulic cylinder. Track tension pressure should be maintained at 2950 psi (20,339 kPa). This creates a track tension of approximately 26,000 lbs (11,800 kg). Track tension pressure can be monitored utilizing the tractor monitor screen on most 9030T/9RT Series Tractors. High and low pressure alarms warn the operator of potential issues.

Correct track tension pressure should be maintained to reduce damage to the tracks. Reference the tractor's Operation and Maintenance Manual (OMM) for procedures to properly maintain track tension.

9030T-9RT Models [387 in (9830 mm) Track Circumference]:

9430T	9530T	9630T
9460RT	9470RT	9510RT
9520RT	9560RT	9570RT
9460RT Scraper Special	9470RT Scraper special	9510RT Scraper Special
9520RT Scraper special	9560RT Scraper Special	9570RT Scraper special

CARCASS THICKNESS	GUIDE LUGS	TREAD BARS	TREAD BAR HEIGHT*	TREAD BAR PITCH
1.14 in (29 mm)	50	88	2.3 in (58 mm)	9.0 in (228 mm)
1.46 in (37 mm)	50	88	2.6 in (66 mm)	9.0 in (228 mm)
1.46 in (37 mm)	50	88	2.6 in (66 mm)	9.0 in (228 mm)
1.46 in (37 mm)	50	88	2.6 in (66 mm)	9.0 in (228 mm)
1.73 in (44 mm)	50	88	2.9 in (74 mm)	9.0 in (228 mm)
1.73 in (44 mm)	50	88	2.9 in (74 mm)	9.0 in (228 mm)
1.73 in (44 mm)	50	88	2.3 in (58 mm)	9.0 in (228 mm)

\* Nominal dimension-actual dimensions may vary within a tolerance.



Camso 2500 Series (General Ag)



The Camso 2500 Series is a track with many of the basic features of the 4500 Series but offered with reduced height tread bars, and is targeted for customers looking at lowest initial cost track replacement.

This track performs well in light primary and secondary tillage applications. This is an excellent track for use with the older, lower usage tractors.

This track utilizes the same premium rubber compounds and materials as the 4500 and 6500 Series.

AVAILABLE SIZES
30 in (762 mm)
TREAD BAR HEIGHT
2.3 in (58 mm)
TREAD BARS
88
TREAD BAR TIP WIDTH
1.6 in (41 mm)
TREAD BAR PITCH
9.0 in (228 mm)
GUIDE LUGS
50
GUIDE LUG LENGTH
4.5 in (114 mm)
CARCASS THICKNESS
1.14 in (29 mm)

Camso 4500 Series (General Ag)



The Camso 4500 Series tracks is an all-purpose design intended to fit most applications and field conditions. It provides excellent flotation, traction and track life for tractors used in a wide range of applications.

The 4500 series tracks offer a balance of tread height and tread spacing to give a good mix of both self-cleaning capabilities, good traction, and smooth ride. This track is the standard factory option for new John Deere machines.

The Camso 4500 Series General Ag tracks are based on the original OEM standard track design but with several added features and improvements. The Camso 4500 Series tracks feature an improved carcass construction and guide lug design, as compared to the Camso 3500 Series tracks. The improved carcass provides additional protection to the main cables resulting in additional track life in some applications.

The shape of the guide lugs on the 4500 series have been improved as well, improving both strength and overall appearance.

AVAILABLE SIZES
30 in (762 mm) 36 in (914 mm)
TREAD BAR HEIGHT
2.6 in (66 mm)*
TREAD BARS
88
TREAD BAR TIP WIDTH
2.2 in (56 mm)
TREAD BAR PITCH
9.0 in (228 mm)
GUIDE LUGS
50
GUIDE LUG LENGTH
4.5 in (114 mm)
CARCASS THICKNESS
1.45 in (37 mm)

Camso 4500 Series (Side Slope)



AVAILABLE SIZES
30 in (762 mm)
TREAD BAR HEIGHT
2.6 in (66 mm)
TREAD BARS
88
TREAD BAR TIP WIDTH
2.2 in (56 mm)
TREAD BAR PITCH
9.0 inch (229 mm)
GUIDE LUGS
50
GUIDE LUG LENGTH
5.3 in (135 mm)
CARCASS THICKNESS
1.45 in (37 mm)

The Camso 4500 Series Side Slope tracks are designed specifically to increase guide lug life of track tractors operating on steep side slopes. The track provides the features of the Camso 4500 Series (General Ag) tracks but has the longer guide lugs of the Camso 6500 Series tracks for improved detracking resistance and increased wear area. The longer guide lugs provide greater life and side load resistance on steep side slopes, improving overall track life and decreasing your cost of operation in these adverse conditions.

In many cases, customers have had to use the heavy duty Camso 5500 Series tracks in side slope applications for the longer guide lugs and improved side load capabilities. The Camso 4500 Series provides the side slope capability of the Camso 5500 or 6500 Series tracks with the features, benefits, and price point of the Camso 3500/4500 Series (General Ag) tracks.

Camso 6500 Series (High Roading/Extreme Tread)



AVAILABLE SIZES
30 in (762 mm)
36 in (914 mm)
TREAD BAR HEIGHT
2.9 in (74 mm)
TREAD BARS
88
TREAD BAR TIP WIDTH
2.7 in (69 mm)
TREAD BAR PITCH
9.0 in (228 mm)
GUIDE LUGS
50
GUIDE LUG LENGTH
5.3 in (135 mm)
CARCASS THICKNESS
1.73 in (44 mm)

Built for use in extreme conditions, the Camso 6500 Series tracks are specifically designed to improve track carcass life in the most demanding applications. This track is the right choice for demanding applications where a lot of material is ingested into the track or applications requiring long roading distances.

The Camso 6500 Series tracks feature an improved carcass construction that greatly reduces the damage reaching the main cables. By reducing the damage that reaches the main cables, track life is improved and overall cost of operation is decreased.

The Camso 6500 Series tracks feature a longer guide lugs for superior track retention and guide lug life in demanding applications. The shape of the guide lugs have been improved as well, improving guide lug strength and appearance.

Camso 6500 Series (Scraper)



AVAILABLE SIZES
30 in (762 mm)
TREAD BAR HEIGHT
2.3 in (58 mm)
TREAD BARS
88
TREAD BAR TIP WIDTH
3.0 in (76 mm)
TREAD BAR PITCH
9.0 in (228 mm)
GUIDE LUGS
50
GUIDE LUG LENGTH
5.3 in (135)
CARCASS THICKNESS
1.73 in (44 mm)

Built for the toughest conditions of agricultural tractor scraper applications, this track has specifically designed layers of rubber on the inside surface to provide improved puncture resistance. This reduces the possibility of damaging the main cables, improving overall track life.

The Camso 6500 Series tracks utilize the largest main cable in the industry. The heavy duty cable is 24% larger than the cable used in the 5500 Series tracks, making it the strongest track in the market and best in class track for scraper applications.

For superior track retention and track life on sidehills, the 6500 Series track employs longer, 5.3 in (140 mm) guide lugs. The tread bar height is reduced to 2.3 in (58 mm) and the tip is widened to 3 in (76mm). The reason for this is that in hard soil conditions, the tread bar may not achieve much penetration into the surface. The drawbar load is then transferred to the ground through the tip of the tread bar. This may cause the tread bar to fatigue over time and reduce the life of the track. The design of the tread bars reduce the loads on the base of the tread bar, resulting in both improved tread life and smoother ride when operating in scraper applications.

9RX WIDE SERIES (270 IN CIRCUMFERENCE) TRACK  
SELECTION SPECIFICATIONS AND INFORMATION



The 9RX Wide Series offers an all new 4 track positive drive under-carriage design by Camso.

Three track styles are available in two widths. These tracks include:

- Camso 3500 Series (General Ag)
- Camso 6500 Series (General Ag)
- Camso 6500 Series (Scraper)

General Facts

- Produced 2016-up
- 470-620 HP
- 270 in length track (2016-up)

Gauge Width

- 87 in gauge width (2218 mm)

Track System Service Information

- Alignment lock plate cap screw 95 ft-lbs (130 N-m)
- Alignment adjusting bolt 220ft-lbs (300 N-m)
- Idler bolts 790 ft-lbs (1070 N-m)
- Midroller (wide) bolts 330 ft-lbs(450 N-m)

TRACK SERIES	TRACK DESCRIPTION	CAMSO P/N	TRACK WIDTH
3500	General Ag	B30BH03053	30 in (762 mm)
3500	General Ag	B36BH03047**	36 in (914 mm)
6500	HD General Ag	E30BH02877	30 in (762 mm)
6500	HD General Ag	E36BH02897**	36 in (914 mm)
6500	Scraper	E30BH03054	30 in (762 mm)

**\*\* IMPORTANT: 36" tracks are not compatible with 3 point hitch equipped machines**

Machine Specific Notes

Material build-up on the drive sprocket can be more frequent in application with damp soil or sticky crop/plant residue. The 9RX wide series is equipped with drive wheel scrapers, which must be adjusted to 1/8 in (3 mm) uniform gap, to minimize material build-up and help prevent internal track carcass damage.

The tracks are tensioned by a nitrogen accumulator and hydraulic cylinder. Track tension pressure should be maintained at 2950 psi (20,339 kPa). This creates a track tension of approximately 16,000 lbs (7,270 kg). Track tension pressure can be monitored utilizing the tractor monitor screen on most 9RX Series Tractors. High and low pressure alarms warn the operator of potential issues.

Correct track tension pressure should be maintained to reduce damage to the tracks. Reference the tractor's Operation and Maintenance Manual (OMM) for procedures to properly maintain track tension.

9RX Wide Series Models [270 in (6832 mm) Track Length]:

9470RX	9520RX	9570RX
9620RX		
9470RX Scraper Special	9520RX Scraper Special	9570RX Scraper Special

CARCASS THICKNESS	GUIDE LUGS	TREAD BARS	TREAD BAR HEIGHT*	TREAD BAR PITCH
1.37 in (35 mm)	45	90	2.0 in (50 mm)	6.0 in (152 mm)
1.37 in (35 mm)	45	90	2.0 in (50 mm)	6.0 in (152 mm)
1.37 in (35 mm)	45	90	2.0 in (50 mm)	6.0 in (152 mm)
1.37 in (35 mm)	45	90	2.0 in (50 mm)	6.0 in (152 mm)
1.37 in (35 mm)	45	90	1.6 in (40 mm)	6.0 in (152 mm)

*\* Nominal dimension-actual dimensions may vary within a tolerance.*

9RX NARROW SERIES (270 IN CIRCUMFERENCE)  
TRACK SELECTION SPECIFICATIONS AND INFORMATION



The 9RX Narrow Series Tractors are also equipped with Camso designed narrow undercarriages which are ideal for the 22-inch, 30-inch, and 40-inch row-crop applications.

Heavy Duty Camso 6500 series tracks are available in two widths; 18-in (45.72 cm) or the 24-in (60.96 cm) wide track version.

General Facts

- Produced 2017-up
- 420, 470, or 520 horsepower
- 270 in length track (2017-up)

Gauge Width

- 80 inches (203.20 cm)
- 88 inches (60.96 cm)
- 120 inches (304.80 cm)

Track System Service Information

- Alignment lock plate cap screw 95 ft-lbs (130 N-m)
- Alignment adjusting bolt 220ft-lbs (300 N-m)
- Idler bolts 790 ft-lbs (1070 N-m)
- Midroller bolts (narrow) 236 ft-lbs (320 N-m)

TRACK SERIES	TRACK DESCRIPTION	CAMSO P/N	TRACK WIDTH
6500	HD General Ag	E18BT03106	18 in (45.72 cm)
6500	HD General Ag	E24BT03107	24 in (60.96 cm)

Machine Specific Notes

Material build-up on the drive sprocket can be more frequent in application with damp soil or sticky crop/plant residue. The 9RX series is equipped with drive wheel scrapers, which must be adjusted to 1/8 in (3 mm) uniform gap, to minimize material build-up and help prevent internal track carcass damage.

The tracks are tensioned by a nitrogen accumulator and hydraulic cylinder. Track tension pressure should be maintained at 2950 psi (20,339 kPa). This creates a track tension of approximately 16,000 lbs (7,270 kg). Track tension pressure can be monitored utilizing the tractor monitor screen on most 9RX Series Tractors. High and low pressure alarms warn the operator of potential issues. Correct track tension pressure should be maintained to reduce damage to the tracks. Reference the tractor’s Operation and Maintenance Manual (OMM) for procedures to properly maintain track tension.

9RX Narrow Series Models [270 in (6832 mm) Track Length]:

9420RX	9470RX	9520RX
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CARCASS THICKNESS	GUIDE LUGS	TREAD BARS	TREAD BAR HEIGHT*	TREAD BAR PITCH
1.37 in (35 mm)	45	90	1.6 in (40 mm)	6.0 in (152 mm)
1.37 in (35 mm)	45	90	1.6 in (40 mm)	6.0 in (152 mm)

\* Nominal dimension-actual dimensions may vary within a tolerance.

POSITIVE DRIVE TRACK SERIES

Camso 3500 Series (General Ag)



The 3500 Series track is designed for Ag primary and secondary tillage operations and field conditions. This track series is also used in most harvesting applications and also proven to be very durable in Arctic applications. It provides excellent flotation and traction for tractors and combines in a wide variety of applications.

This track uses a 2 in (50 mm) high, 1.7 in (44 mm) wide tread bar to provide optimal traction, ride and life. A 5.4 mm cable is used to provide maximum strength to protect against track failure from ingestion of material or over tensioning of the track. Exacure technology is used to accurately position carcass ply cable and rubber layers to provide a track of superior uniform strength and life.

DuraDrive 6500 Series  
(Heavy Ag, Scraper, Special Use)



The 6500 series track uses a special patented drive lug design to provide superior life for heavy duty applications. This track provides extended life for extreme conditions such as: aggressive or heavy towed implement applications, TPH (Three-Point Hitch) tillage, scraper and side slopes applications.

The Duradrive 6500 Series uses the same Exacure technology, 5.4 mm cable, and reinforcing plies as the 3500 and 5500 series track. The 6500 series employs Camso's patented DuraDrive technology that embeds a reinforcing fabric below the surface of the drive lug to provide an extra strong lug that resists lug cracking and breaking under high tractive effort loads and side loading.



The DuraDrive 6500 series tracks are available with either a 2.0 in (50 mm) high x 1.7 in (44 mm) wide tread bar for Ag applications and a 1.6 in (40 mm) high x 2.2 in (55 mm) wide tread bar for 9RX narrow tracks or on 9RX wide scraper applications.

Track Series vs Application Matrix (Track Type)

APPLICATION/OPERATION DESCRIPTION	
Soil Types	Hard packed clay
	Silt/Loam
	Sticky and wet ground conditions
	Gumbo
	Rocky/Abrasive
	Gravel
	Sandy
	Snow/Ice
Field Conditions	Minimal ground disturbance/Berming
	Extreme cold
	In furrow applications
	Short fields, applications requiring a lot of turning
	Flat land farming, slopes up to 10%
	Moderate side slope applications, slopes from 10 to 25%
Road Travel	Severe side slope applications, slopes greater than 25%
	Small amount of roading, most field and travel distances within 5 mile radius
	Moderate amount of roading, most field and travel distances between 5 and 10 mile radius
Crop Types	High amount of roading, typically travel in excess of 10 miles
	Wheat/Cereal grains
	Corn/Sorghum
	Soybeans
	Alfalfa/Grasses/Switchgrass
	Cotton
	Sunflowers
	Rice
	Sugarcane
	Sugar beets
	Vegetables

2500/3500/4500 (General Ag)	5500/6500 (High Roading/ HD General Ag)	6500 (Scraper)
Not recommended	Recommended	OK to use
Recommended	OK to use	OK to use
Recommended	OK to use	OK to use
OK to use	Not recommended	OK to use
Not recommended	Recommended	OK to use
Not recommended	Recommended	OK to use
OK to use	Recommended	OK to use
OK to use	Recommended	OK to use
OK to use	Not recommended	Recommended
Recommended	Not recommended	Not recommended
Not recommended	Recommended	Not recommended
Not recommended	Recommended	OK to use
Recommended	Recommended	OK to use
Recommended	Recommended	OK to use
Camso 4500 Side Slope - OK to use	Recommended	OK to use
Recommended	Recommended	OK to use
Recommended	Recommended	OK to use
OK to use	Recommended	OK to use
Recommended	Recommended	OK to use
Recommended	Recommended	OK to use
Recommended	OK to use	OK to use
OK to use	Recommended	OK to use
OK to use	Recommended	OK to use
Recommended	OK to use	OK to use
OK to use	Recommended	OK to use
OK to use	Recommended	OK to use
Not recommended	Recommended	OK to use

Track Series vs Application Matrix (Track Type) (Cont'd)

Applications	APPLICATION/OPERATION DESCRIPTION
	Primary tillage (deep ripping, chisel plow, etc.)
	Secondary tillage (field cultivator, disk, roller, etc.)
	Fully mounted roll over plow
	Row crop planter
	Air seeder
	Manure tank
	Grain cart
	Tile plow
	Spraying
	Hay baling
	Stalk chopper/Brush hog
	Vegetable bedder
	Front Blade – Silage
	Forage harvester
	Snow grooming
	Agricultural scraper
	Commercial scraper
	Forestry
	Non-agricultural applications

2500/3500/4500 (General Ag)	5500/6500 (High Roading/ HD General Ag)	6500 (Scraper)
Recommended (3500/4500) Ok to use (2500)	Recommended	OK to use
Recommended	Recommended	OK to use
Recommended	Recommended	OK to use
Not recommended	Recommended	OK to use
Recommended	Recommended	OK to use
Recommended	Recommended	OK to use
OK to use	OK to use	OK to use
Recommended	Recommended	OK to use
Not recommended	OK to use	OK to use
Recommended	Recommended	OK to use
Recommended	Recommended	OK to use
OK to use	OK to use	OK to use
Not recommended	OK to use	Not recommended
Not recommended	OK to use	Not recommended
Recommended	Recommended	OK to use
Recommended*	Recommended	OK to use
Not recommended*	OK to use	OK to use
Not recommended*	Not recommended	Recommended
Not recommended*	Not recommended	Recommended

\* Do not use 2500 Series tracks for any of these applications.



Track Series vs Application Matrix (Track Width)

	APPLICATION/OPERATION DESCRIPTION
Field Conditions	Minimal ground disturbance/Berming
	Extreme cold
	In furrow applications
	Short fields, applications requiring a lot of turning
	Flat land farming, slopes up to 10%
	Moderate side slope applications, slopes from 10 to 25%
	Slopes greater than 25%
Road Travel	Small amount of roading, most field and travel distances within 5 mile radius
	Moderate amount of roading, most field and travel distances between 5 and 10 mile radius
	High amount of roading, typically travel in excess of 10 miles
Applications	Primary tillage (deep ripping, chisel plow, etc.)
	Secondary tillage (field cultivator, disk, roller, etc.)
	Fully mounted roll over plow
	Row crop planter
	Air seeder
	Manure tank
	Grain cart
	Tile plow
	Spraying
	Hay baling
	Stalk chopper/Brush hog
	Vegetable bedder
	Front Blade – Silage
	Forage harvester
	Snow grooming
	Agricultural scraper
	Commercial scraper
	Forestry
	Non-agricultural applications

18 in (457mm)	24 in (610 mm)	30 in (762 mm)	36 in (914 mm)
OK to use	OK to use	OK to use	Recommended
OK to use	OK to use	OK to use	OK to use
Not recommended	Not recommended	Not recommended	Not recommended
OK to use	OK to use	OK to use	OK to use
OK to use	OK to use	OK to use	OK to use
OK to use	OK to use	OK to use	OK to use
Not recommended	OK to use	OK to use	OK to use
OK to use	OK to use	OK to use	OK to use
OK to use	OK to use	OK to use	OK to use
OK to use*	OK to use*	OK to use	OK to use
Not recommended	Not recommended	OK to use	OK to use
OK to use	OK to use	OK to use	OK to use
Not recommended	Not recommended	OK to use	OK to use
OK to use	OK to use	OK to use	OK to use
OK to use	OK to use	OK to use	OK to use
OK to use	OK to use	OK to use	OK to use
OK to use	OK to use	OK to use	OK to use
Not recommended	Not recommended	OK to use	OK to use
OK to use	OK to use	OK to use	OK to use
OK to use	OK to use	OK to use	OK to use
OK to use	OK to use	OK to use	OK to use
OK to use	OK to use	OK to use	OK to use
Not recommended	Not recommended	OK to use	Not recommended
Do not use	Do not use	OK to use	Not recommended
OK to use	OK to use	OK to use	OK to use
Do not use	Do not use	OK to use	OK to use

\* Prolonged road operation is speed and time limited – see your operators manual for more information.

Track OEM/Camso Aftermarket Cross Reference

9000T-9020T Series

CURRENT CAMSO P/N	DIFFERENCES	TRACK SERIES	TRACK WIDTH	PREVIOUS CAMSO P/N	PREVIOUS JOHN DEERE P/N	CURRENT JOHN DEERE P/N
A30AU03313	Taller Tread	2500	30 in	623-3020	R293501	NA
A36AU03353		2500	36 in	NA		NA
633-3019		3500	30 in	NA		R257977
653-3010		5500	30 in	NA		R241748
633-3606		3500	36 in	NA		R257978
653-3601		5500	36 in	NA		R241749

9030T-9RT Series

CURRENT CAMSO P/N	DIFFERENCES	TRACK SERIES	TRACK WIDTH	PREVIOUS CAMSO P/N	PREVIOUS JOHN DEERE P/N	CURRENT JOHN DEERE P/N
A30AV03301	New track	2500	30 in	NA	NA	NA
F30AV03020	New carcass	4500	30 in	633-3022	R242791	R545867
F36AV03022	Carcass/GL	4500	36 in	633-3609	R242792	R545870
F30AV02955	Side Slope	4500	30 in	NA	NA	R545872
E30AV03019	New carcass, new GL	6500	30 in	653-3021	R242793	R545868
E36AV03021	New carcass, new GL	6500	36 in	653-3608	R242794	R545871
E30AV02954	Main Cable, carcass, GL	6500 Scraper	30 in	693-3041	R292524	R545869

9RX Series

CAMSO P/N	DESCRIPTION	WIDTH	JOHN DEERE P/N
E18BT03106	Camso 6500 HD Ag	18 in	R565017
E24BT03107	Camso 6500 HD Ag	24 in	R565018
B30BH03053	Camso 3500 General Ag	30 in	R550588
B36BH03047	Camso 3500 General Ag	36 in	R550228
E30BH02877	Camso 6500 HD Ag	30 in	R554229
E36BH02897	Camso 6500 HD Ag	36 in	R554230
E30BH03054	Camso 6500 Scraper	30 in	R550589

WHEEL SELECTION AND USAGE

8000T/8RT

Designed to optimize performance and track life, two widths of wheel components are available on the John Deere 8000T/8RT Series tractors. The 8020T series introduced wide midrollers as an option, while the 8RT series also offers 2 drivewheel widths. Midrollers and drive wheels should be selected according to your applications from the available narrow and wide wheels.

9000T/9RT/9RX

One width of wheel components has been designed to increase width efficiency and track life for the John Deere 9000T/9RT/9RX Series tractors.

Idler Wheel

The idler wheels are the front wheels. The idler wheels are attached to the track tensioning system and provide the tension on the track. They also aid in adjustment of track alignment.

9RX

The 9RX uses 2 sets of idlers, one in front and one in back, along with a drive sprocket.

Idler Wheels should be replaced if:

- Rubber material is worn or missing
- Steel hub is cracked or damaged

DESCRIPTION	CAMSO P/N	JOHN DEERE P/N
8RT - Narrow (Standard)	5W-0192PJD	RE265435
9030T/9RT - Wide (Standard)	5W-0142PJD	RE242795
9RX - Wide (Standard)	5W-0387PJD*	RE581208*
9RX - Wide (HD)	5W-0391PJD*	RE581209*
9RX Narrow Idler	5W-0338PJD	RE575989

*\* Standard idlers are installed on the front of each undercarriage. HD idlers are installed on the rear of each undercarriage.*

Midroller

Midrollers carry most of the machine's total weight. Midrollers will wear over time and are susceptible to heat buildup from roading, track misalignment, and side hill applications. In most applications, rubber midrollers will provide adequate life. In harsh applications, heavy duty (HD) midrollers may improve life of the midroller and should be used.

Midrollers should be replaced if:

- Rubber/Poly material is missing/worn all the way across the width of the midroller.
- 1/3 of the rubber/poly material is missing/worn all the way around the midroller.
- Rubber/poly material is worn thin enough that material is sticking to the midroller.
- Steel hub is cracked or damaged
- Midroller is no longer round (flat spot worn into surface)

*NOTE: It is not recommended to continue to run midrollers with missing rubber, as material can stick and buildup on the bare steel, resulting in track inner carcass damage.*

DESCRIPTION	CAMSO P/N	JOHN DEERE P/N
8000T* - Narrow	4W-0003PJD	RE254786
8000T* - Wide	4W-0133PJD	RE254787
8RT - Narrow	4W-0150PJD	RE266293
8RT/9RX - Wide	4W-0158PJD	RE272331
9020T/9RT** - Wide	4W-0106PJD	RE251071
9020T/9RT** HD Poly - Wide	4W-0286PJD (previous PN) 4W-5003PJD (current PN)	RE322752 (previous PN) RE576550 (current PN)
8RT HD Poly - Narrow	4W-0284PJD (previous PN) 4W-5001PJD (current PN)	RE329210 (previous PN) RE576549 (current PN)
8RT/9RX HD Poly - Wide	4W-5011PJD	RE575013
9RX Narrow 18" Track Midrollers***	4W-5015PJD	RE575988
9RX Narrow 24" Track Midrollers***	4W-5022PJD	RE581141

\* 8000T, 8010T, and early 8020T machines used 1 piece cast midrollers, see JD dealer for service replacements, or ways to upgrade to later Camso 2 piece midroller design.

\*\* 9000T and 9010T series machines used 1 piece cast midrollers – see JD dealer for service replacements, and for ways to upgrade to later Camso 2 piece midroller designs.

\*\*\* Installation direction of the 9RX narrow wheels is important – THIS SIDE OUT must be visible

Drive Wheel

Drive wheels provide the friction drive to the inside surface of the track to transfer the engine power to the ground. The friction surface is determined by the depth and sharpness of the chevrons cut into the drive wheel surface.

Drive wheels should be replaced if:

- Rubber material is missing or worn resulting in excessive drive wheel to track slippage.
- Any portion of the rubber coating is missing across the drive wheel width.
- Steel hub is cracked or damaged.

*NOTE: Drive wheel to track internal slippage will rapidly wear the drive wheel rubber, and generate excessive heat inside the track system. Prolonged operation with internal slippage will damage the internal carcass of the track. Not applicable to 9RX Series.*

DESCRIPTION	CAMSO P/N	JOHN DEERE P/N
8RT - Narrow LH	3W-0204PJD	RE265436
8RT - Narrow RH	3W-0206PJD	RE265437
8RT - Wide LH	3W-0210PJD	RE266291
8RT - Wide RH	3W-0208PJD	RE266292
9030T/9RT - Wide LH	3W-0119PJD	RE242803
9030T/9RT - Wide RH	3W-0120PJD	RE242804

*NOTE: A LH and a RH drivewheel is required for each undercarriage, due to the directional nature of the chevron drivewheel tread pattern. 9RX Series uses a single non directional drive sprocket*

Compatibility Matrix

8RT	DRIVE WHEEL WIDTH	
TRACK WIDTH	Narrow	Wide
	5.5 in (140 mm)	8.8 in (224 mm)
16 in (406 mm)	Recommended	Not compatible
18 in (457 mm)	Recommended	Not compatible
24 in (610 mm)	Recommended	Not compatible
25 in (635 mm)	Not recommended	Recommended
30 in (762 mm)	Not recommended	Recommended

CAMSO TRACK REPAIR AND REPLACEMENT

For longest life, tracks should be repaired when:

- Cables are exposed in the carcass – Cables loose or protruding from the carcass should be trimmed to prevent damage to other components.
- Guide lugs are missing – Bolt-on guide lug kits are available
- Loose tread bar – Loose portion of the tread bar should be trimmed to prevent damage to other components.

**NOTE:** *There are currently no repair or patch kits available for fixing cuts in the track carcass.*

Bolt On Guide Lugs

If guide lugs are worn, damaged, or missing; bolt-on guide lugs may increase the life of the tracks. Bolt-on guide lugs can be purchased from your John Deere or Camso dealer. For additional information or for installation instructions on bolt on guide lugs, please review Camso document CPB-318 “Repair Guidelines and Procedures for Camso Track with Missing or Worn Guide Lugs”, available from your Camso dealer.

**NOTE:** *Bolt on drive lugs are not available for positive drive tracks,*

CAMSO P/N	JOHN DEERE P/N	MACHINE	DESCRIPTION	GUIDE LUG HEIGHT	GUIDE LUG WIDTH	GUIDE LUG LENGTH
GL7077	RE343169	8000T 8010T 8020T 8030T	Bolt-On Guide Lug Kit	3.7 in	6 in	4.7 in
GL7065	RE343170	8RT	Bolt-On Guide Lug Kit	4.3 in	4.3 in	5.3 in
GL7078	RE343172	9000T 9020T	Bolt-On Guide Lug Kit	3.6 in	7.1 in	5.2 in
GL7064	RE343173	9RT 9030T	Bolt-On Guide Lug Kit	4.4 in	7.1 in	5.3 in

**NOTE:** *Each kit contains (1) guide lug, plus mounting hardware, and installation instruction sheet.*

Camso Track Replacement Criteria

For best performance, tracks should be replaced when:

- Tread bar height is less than 0.5 in (12 mm)
- Track to ground slippage consistently exceeds 10%
- Several (more than 3) tread bars are missing in a row
- Multiple (more than 5) guide lugs are missing consecutively\*
- 1 or more drive lugs are missing
- Guide lugs have excessive wear (50% of guide lugs is worn)\*
- De-tracking occurs due to worn or missing guide lugs
- The main cables have torn in the wheel path (Tear across the width of the carcass)
- Cables are showing on the inside surface of the track
- Drive wheel to track slippage is excessive due to missing ID rubber or rubber surface is glazed/hardened from drive wheels slipping.

*\*Track may not need to be replaced if replacement (bolt on) guide lugs are used.*

If you have any concerns or questions regarding track damage, causes, and prevention, your Camso dealer, as well as your John Deere dealer, should also have a copy you can review of CPB-460 “Service Conditions and Warranty Guidelines-AGRICULTURAL TRACKS including DRIVE WHEELS, IDLERS, MIDROLLERS”.

More Information

For further information on Camso Agricultural Track and undercarriage products, along with our CTL and MX construction track, ATV track kits, and snowmobile track product lines, please visit us online at:

<http://www.camso.co>

Tread Bar Wear Estimation Chart

AVERAGE TREAD HEIGHT		2500 SERIES (8T)	2500 SERIES (8RT/9T/9RT)	4500 SERIES (9RT)	3500/4500 SERIES (9000T)
(in)	(mm)	General Ag	General Ag	General Ag	General Ag
3.0	76.2				
2.9	73.7				
2.8	71.1				0%
2.7	68.6				4%
2.6	66.0			0%	9%
2.5	63.5			5%	13%
2.4	61.0			10%	17%
2.3	58.4		0%	14%	22%
2.2	55.9		6%	19%	26%
2.1	53.3	0%	11%	24%	30%
2.0	50.8	6%	17%	29%	35%
1.9	48.3	13%	22%	33%	39%
1.8	45.7	19%	28%	38%	43%
1.7	43.2	25%	33%	43%	48%
1.6	40.6	31%	39%	48%	52%
1.5	38.1	38%	44%	52%	57%
1.4	35.6	44%	50%	57%	61%
1.3	33.0	50%	56%	62%	65%
1.2	30.5	56%	61%	67%	70%
1.1	27.9	63%	67%	71%	74%
1.0	25.4	69%	72%	76%	78%
0.9	22.9	75%	78%	81%	83%
0.8	20.3	81%	83%	86%	87%
0.7	17.8	88%	89%	90%	91%
0.6	15.2	94%	94%	95%	96%
0.5	12.7	100%	100%	100%	100%
0.4	10.2	106%	106%	105%	104%
0.3	7.6	113%	111%	110%	109%

AVERAGE TREAD HEIGHT		5500/6500 SERIES	6500 SERIES	4500/6500 SERIES (9RX WIDE)	6500 SERIES 9RXW Scraper 9RXN Gen/HD Ag
(in)	(mm)	High Roading	Scraper	Gen/HD Ag	
3.0	76				
2.9	74	0%			
2.8	71	4%			
2.7	69	8%			
2.6	66	13%			
2.5	64	17%			
2.4	61	21%			
2.3	58	25%	0%		
2.2	56	29%	6%		
2.1	53	33%	11%		
2.0	51	38%	17%	0%	
1.9	48	42%	22%	7%	
1.8	46	46%	28%	13%	
1.7	43	50%	33%	20%	
1.6	41	54%	39%	27%	0%
1.5	38	58%	44%	33%	9%
1.4	36	63%	50%	40%	18%
1.3	33	67%	56%	47%	27%
1.2	30	71%	61%	53%	36%
1.1	28	75%	67%	60%	45%
1.0	25	79%	72%	67%	55%
0.9	23	83%	78%	73%	64%
0.8	20	88%	83%	80%	73%
0.7	18	92%	89%	87%	82%
0.6	15	96%	94%	93%	91%
0.5	13	100%	100%	100%	100%
0.4	10	104%	106%	107%	109%
0.3	8	108%	111%	113%	118%

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