

524 P Wheel Loader

22-Nov-2022



JOHN DEERE

Code	Description	QTY	List Price (USD)
6021DW	524 P Wheel Loader	1	\$246,799.00
	524 P-Tier Standard Equipment		
	<p>POWER TRAIN:</p> <ul style="list-style-type: none"> Torque Converter-Power Shift Transmission, 5 Speed Forward, 3 Speed Reverse Electronically Controlled Fully Automated Shift System Quick Shift Button on Loader Control Lever with 2 Selectable Modes Automatic / Manual Shift Modes Programmable Maximum High Gear Adaptive Clutch-Cutoff Clutch Calibration Engaged from Monitor 100% Locking Front and Conventional Rear Differentials with Inboard Mounted Heavy Duty Planetary Gears Heavy Duty Self Adjusting Front and Rear Power Brakes Electrically Actuated Automatic Spring Applied, Hydraulically Released, Wet Multi-Disc Park Brake Transmission Fill Tube and Sight Gauge 2000 Hour Transmission Filter 		
	<p>COOLING:</p> <ul style="list-style-type: none"> Quad-Cool System: Heavy Duty, Trash Resistant Radiator and High Ambient Cooling Package 2 Side access to all Coolers Cooling System isolated from Engine Compartment Engine Radiator Integral Engine Oil Cooler Hydraulic Oil Cooler (Oil to Air) Transmission Oil Cooler (Oil to Air) Charge Air Cooler (Air to Air) Coolant Recovery Tank Antifreeze, -34F (-37 C) Cool-on Demand Swing out Fan Enclosed Fan Safety Guard 		
	<p>HYDRAULICS:</p> <ul style="list-style-type: none"> Pressure compensating Load Sensing Hydraulic System 2 Function Hydraulic Joystick with 		

FNR Control
In Cab Adjustable Automatic Boom
Height Kickout / Return To Carry /Return
to Dig
Hydraulic Function Enable/ Disable
Hydraulic Reservoir with Sight
Gauge and Fill Strainer
Hydraulic Diagnostic Ports
4000 Hour In-Tank Filter

ELECTRICAL:

24 Volt Electrical System
Solid State Electrical Power
Distribution System
(2) Heavy Duty Batteries - each 950
Cold Cranking amps/190 minute
Reserve Capacity
Lockable Master Electrical
Disconnect Switch
Battery Terminal Safety Covers
Pre-wired for Beacon/Strobe Light
Lights:
(2) Halogen Driving Lights with
Guards
(4) Front and (2) Rear Work Lights
LED Turn Signals and Flashers
LED Stop and Tail Lights
Horn, Electric
Reverse Warning Alarm
Voltage Converter for 24V to 12V /
8 Amps
Multi-Function / Multi-Language LCD

Color Monitor includes:

DIGITAL INSTRUMENTS

ANALOG Display:

Hydraulic Oil Temperature
Engine Coolant Temperature
Transmission Oil Temperature
Engine Oil Pressure

DIGITAL Display:

Engine RPM
Transmission Gear / Direction
Indicator
Hour Meter
Fuel Level
DEF Level
Speedometer
Odometer
Outside Temperature
Indicator Lights for Standard and
Selected Options
Indicator Lights For Amber Caution
and Red Stop
Operator Warning Messages
BUILT-IN DIAGNOSTICS:
Diagnostic Code Details
Sensor Values

Calibrations
Individual Circuit Tester
MENU DISPLAY:
Codes
Machine Settings
Diagnostics
Monitor Settings

OPERATOR'S STATION:
ROPS Quiet Cab with Heater and Air
Conditioning
Defroster and Pressurizer
Front and Rear Intermittent
Windshield Wipers and Washers
(1) Inside and (2) Outside Rear
View Mirrors
Right Side Opening Window
Sun Visor
Keyless Start with Multiple
Security Modes
Sealed Switch Module with Function
Indicators
Seat with Back Rest Extension, Deep
Foam, Fabric Cover, Adjustable Air
Suspension for Weight/Height with
Fore-Aft Adjustment,
and Adjustable Arm Rests
Hydraulic Controls Integrated to
Seat
3 Inch High Visibility Blaze Orange
Seat Belt with Retractor
(2) Cup Holders
Lunch box (Cooler) Holder
LED Dome and Reading Light
12 Volt Power Port
Rubber Floor Mat
Dual Tilt Steering Column
Textured Steering Wheel with
Spinner Knob
Operator's Manual Storage
Compartment
(2) Outside and (1) Inside Rear
View Mirrors
Left Side Operator Station Access
Slip-Resistant Steps and
Ergonomically Located Handholds

Overall Vehicle:
NeverGrease Rear Axle Oscillation
Joints
Front and Rear Tie Downs
Front Fenders
Rear Hitch with Locking Pin
Articulation Locking Bar
Boom Locking Bar
40 Degree Steering Articulation to
Each Side with Rubber Cushion Stops
on Frame

Vandal Protection With Lockable
 Engine Enclosures, Right
 Counterweight Compartment, Battery
 Box, Filler Access for
 Radiator/Fuel/Hydraulic/Transmission
 Service Steps and Handholds
 Storage Compartment
 Fuel Tank Fill Strainer
 Heavy Duty Fuel Tank Guard
 Ground Level Fueling and DEF
 Less Tires and Wheels

6021DW 524 P Wheel Loader 1 \$246,799.00

DESTINATION AND LANGUAGE

Destination Code Basic Factory Options - Required

0202 United States No Added Cost

Operator's Manual and Language Basic Factory Options - Required

0259 English No Added Cost
 English language for operator's manual and electronic content

0287 Spanish No Added Cost
 Spanish language for operator's manual and electronic content

Labels Basic Factory Options - Required

0351 Translated Text Labels No Added Cost
 Vehicle labels translated to selected language

MACHINE CONFIGURATION

Machine Configuration Basic Factory Options - Required

0400 Standard Loader No Added Cost

0402	<p>Agriculture Material Handling</p> <p>The Agriculture Material Handler Package is a recommended configuration for loaders going into agricultural applications like feed lots of dairies.</p> <p>Requires the following:</p> <ul style="list-style-type: none"> - Trim Package 2 Or 3 - Performance Package 1 or 2 - Joystick Controls - Three Function Hydraulics - Axle Oil Cooling & Filtration - Debris Package - Maintenance and Service Package 	(\$1,412.00)
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Linkage Configuration	Basic Factory Options - Required
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0451	Standard Z-BAR	No Added Cost
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0452	<p>High Lift Z-BAR</p> <p>Adds 15.7 inches (400mm) height to bucket hinge pin, fully raised over standard linkage. Rated tipping load and lift capacity will be lower than unit equipped with the standard boom.</p>	\$4,352.00
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0453	<p>High Lift Plus Z-BAR</p> <p>Adds 26.5 inches (672mm) height to bucket hinge pin, fully raised over standard linkage. Rated tipping load and lift capacity will be lower than unit equipped with the standard boom or high lift boom.</p>	\$6,349.00
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0454	<p>Tool Carrier</p> <p>524 P and 624 P</p> <p>Parallel lift linkage optimized for maximum centerline visibility between the boom slabs to see the work tool. Also has a lower profile for reaching underneath obstructions when compared to Z-Bar linkages.</p> <p>Requires the following:</p> <ul style="list-style-type: none"> - Trim Level 2 or 3 - Three or Four Function Hydraulics <p>Requires Hydraulic Coupler - JRB 416 Pattern, Hydraulic Coupler - Hi-Vis/ISO Pattern, or Field Coupler Ready: Pins Only and Pin Disconnect Plumbing.</p>	\$6,345.00
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PACKAGES

Trim Packages	Basic Factory Options - Required
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0611	Level 1 Trim	No Added Cost
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- Includes:
- Flat Black Exhaust
 - 100 Amp Alternator
 - 8 Amp Converter
 - Halogen Work and Drive Lights
 - Deluxe Seat, Cloth with Air Suspension
 - Less Radio
 - Less Ride Control

0612 Level 2 Trim \$6,663.00

- Includes:
- Flat Black Exhaust
 - 140 Amp Alternator
 - 15 Amp Converter
 - Halogen Work and Drive Lights
 - Premium Seat, Heated and Ventilated with Heavy Duty Air Suspension
 - AM/FM/Weather Band (WB) Radio with Remote AUX Port
 - Ride Control

0613 Level 3 Trim \$8,629.00

- Includes:
- Flat Black Exhaust
 - 140 Amp Alternator
 - 30 Amp Converter
 - LED Work and Drive Lights
 - Premium Seat, Heated and Ventilated with Heavy Duty Air Suspension
 - Premium AM/FM/Weather Band (WB) with Bluetooth, Remote Aux and Remote USB Port
 - Ride Control

Performance Packages

Basic Factory Options - Required

0654 Level 1 Performance No Added Cost
 524 P

??This Package is recommended for machines that will be used for loadout operations on unstable ground conditions. Any verbiage like this??

- Package includes:
- Locking Front Differential
 - Standard Rear Differential
 - Manual Diff Lock
 - Less Throttle Lock
 - Less Wheel Spin Control
 - 5-Speed Powershift Transmission

0655 Level 2 Performance \$4,814.00

This Package is recommended for machines that will be used in unstable or unmaintained ground conditions.

- Package includes:
- Locking Front Differential
 - Locking Rear Differential
 - Auto Diff Lock
 - Throttle Lock
 - Wheel Spin Control
 - 5-Speed Powershift Transmission

COLD WEATHER PACKAGES - ORDER AS DESIRED

Field Installed Attachments - Optional

8500	Cold Weather Package This Package is recommended for machines that will spend extended periods of time working in colder environments Package includes: - Block Heater - Hydrau XR Hydraulic Oil (provides all-season capability in ambient temperatures ranging from -40C to 40C (-40F to 104F)) * Selection of this package will also require the machine to be equipped with option code 8295 (Heated and Powered Exterior Mirrors)	\$518.00
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8295	Heated And Powered Exterior Mirrors	\$747.00
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DEBRIS PACKAGES - ORDER AS DESIRED

Field Installed Attachments - Optional

8501	Debris Package This Package is recommended for machines working in dusty or high debris applications. Package includes: - Automatic Reversing Hydraulic Fan - Cab Fresh Air Precleaner	\$3,425.00
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8505	Guards - Transmission & Bottom	\$2,135.00
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MAINTENANCE AND SERVICE PACKAGES - ORDER AS DESIRED

Field Installed Attachments - Optional

8502	Maintenance and Service Package Package includes: - Engine Compartment Light - Environmental Drain	\$620.00
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AUXILIARY EQUIPMENT PACKAGES - ORDER AS DESIRED

Field Installed Attachments - Optional

8508	Auxiliary Equipment Package Package includes: - Beacon Light (Amber) - Seat Belt Indicator Beacon Light (Green) - Fire Extinguisher	\$1,175.00
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- Slow Moving Vehicle Emblem
- License Plate Bracket

8205	Four Point Seat Belt	\$832.00
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8213	Chrome Curved Stack	\$700.00
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AXLE COOLING - ORDER AS DESIRED	Field Installed Attachments - Optional
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8042	Axle Oil Cooling and Filtration	\$2,283.00
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OPERATOR'S STATION

VISION SYSTEMS	Basic Factory Options - Required
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0951	Rear Camera (Primary Display) Rear camera with display integrated into monitor	No Added Cost
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0952	Rear Camera (Secondary Display) Rear camera with dedicated display	\$715.00
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0953	Advanced Vision System Two digital cameras are installed on the rearview mirror platforms to widen the field of view making the area beside the rear tires visible from the operator seat. These views, along with that of the rearview camera are integrated into a dedicated single display within the cab. * For night time operation it is highly recommended to equip the machine with the LED lighting package (See Trim Packages)	\$5,178.00
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Detection System	Basic Factory Options - Required
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1102	Advanced Object Detection Includes an object detection system (radar) that provides audible alerts when objects are detected at the rear of the machine. Also includes dynamic reversal projected path lines.	\$2,493.00
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1100	Less Detection System	No Added Cost
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Operator's Station Steps Basic Factory Options - Required

1301 Left Side Steps No Added Cost

1302 Left and Right Side Steps \$966.00
 Not for use with Less Fenders and Rear Platforms option

1303 Close Mounted Left Side Steps No Added Cost
 Requires Less Fenders and Rear Platforms option

Operator's Station-Order As Desired Field Installed Attachments - Optional

8210 Secondary Steering \$2,933.00
 Secondary Steering is NOT Joystick Steering Control. Secondary steering is used in the event of a failure of the normal steering power source(s), or if engine shuts down while the machine is in motion and allows temporary steering of the machine by using an electric motor powered steering pump or a ground driven steering pump (depending on loader model) to provide temporary hydraulic pressure and flow to the steering cylinders.

PRECISION TECHNOLOGY SOLUTIONS

Machine Connectivity Basic Factory Options - Required

183E JDLink™ No Added Cost
 Includes integrated cab wiring harness, antenna, and JDLink™ Modem (MTG).
 JDLink™ connectivity is enabled separately through the JDLink™ website. Connectivity service is subject to country availability.

183Q JDLink™ Satellite \$3,215.00
 Includes integrated cab wiring harness, antenna, JDLink™ Modem's (Cellular MTG & Satellite MTG).
 JDLink™ connectivity is enabled separately through the JDLink™ website. Connectivity service is subject to country availability.

Payload Scale Basic Factory Options - Required

2205	SmartWeigh Ready + Trial	\$930.00
	The 250-hour SmartWeigh trial period enables the loader to be equipped with SmartWeigh components and software from the factory and utilize the system for 250 machine hours. After 250 hours, the solution will be disabled but an option to fully purchase the software via a software only field kit is available. Payload weighing information is displayed on the primary machine monitor.	

2206	SmartWeigh	\$4,643.00
	SmartWeigh™ is a Deere designed and supported payload weighing solution that delivers accurate measurements, dynamic weighing capabilities, and is easy to calibrate. Payload weighing information is displayed on the primary machine monitor.	

2201	Less Payload Scale w/ Cycle Counter	\$124.00
	Models will be shipped payload scale ready. A payload scale whole good field kit may be added at a later time.	

ENGINE

Engine	Basic Factory Options - Required
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4095	John Deere 6.8L - FT4/SV	\$17,753.00
	John Deere Powertech PVS 6.8L Meets FT4/EU Stage V Emissions	

MAINFRAME/STRUCTURES

Rear Hitch and Counterweights	Basic Factory Options - Required
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6522	Rear Counterweight & Rear Hitch w/ Pin	No Added Cost
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6520	Less Counterweight & Rear Hitch	(\$1,105.00)
	Required for use in the following applications: - Waste Handler Configuration - Machines equipped with solid or foam filled tires - Machines installing "Rear Access Platform with Steps & Hand Holds" field kit	

HYDRAULICS/CONTROLS

Hydraulic Controls	Basic Factory Options - Required
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7025	Single Axis Lever Controls	\$212.00
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Provides an individual hydraulic function control lever for the boom, bucket, and aux functions (if equipped).

* Only available for 2 function and 3 function hydraulics.

7026	Joystick Controls	No Added Cost
	Provides a single lever (joystick) control for the boom and the bucket. Optional 3rd and 4th functions are controlled with proportional thumb rollers integrated in the joystick handle (if equipped for applicable models).	

Hydraulic Systems

Basic Factory Options - Required

7053	Two Function Hydraulics	No Added Cost
	Controls boom and bucket only.	

7054	Three Function Hydraulics	\$2,342.00
	Controls boom, bucket, and adds an auxiliary function (w/ boom lines).	

7055	Four Function Hydraulics	\$4,442.00
	Controls boom, bucket, and adds two auxiliary functions (w/ boom lines).	

WHEELS/TIRES/TRACKS

Wheels and Tires

Basic Factory Options - Required

5100	Less Wheels & Tires	No Added Cost
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5109	Titan Loader Grader - 20.5-25 L2 12PR Bias Tires w/ 3 PC Rims	\$11,025.00
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5110	Firestone SGG - 20.5-25 L2 16PR Bias Tires w/ 3 PC Rims	\$13,762.00
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5111	No Brand Preference - 20.5-25 L2 16PR Bias Tires w/ 3 PC Rims	\$12,495.00
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5112	Titan Loader Grader - 20.5-25 L2 16PR Bias Tires w/ 3 PC Rims	\$13,230.00
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5113	Bridgestone VUT - 20.5R25 L2 1-Star Radial Tires w/ 3 PC Rims	\$17,776.00
5114	Michelin XTLA - 20.5R25 L2 1-Star Radial Tires w/ 3 PC Rims	\$19,197.00
5115	No Brand Preference - 20.5R25 L2 1-Star Radial Tires w/ 3 PC Rims	\$14,988.00
5116	Titan TGD2 - 20.5R25 L2 1-Star Radial Tires w/ 3 PC Rims	\$15,750.00
5117	Michelin XSNOPLUS - 20.5R25 L2 1-Star Radial Tires w/ 3 PC Rims	\$20,947.00
5120	Bridgestone VJT - 20.5R25 L3 1-Star Radial Tires w/ 3 PC Rims	\$17,472.00
5121	No Brand Preference - 20.5R25 L3 1-Star Radial Tires w/ 3 PC Rims	\$13,794.00
5122	Titan STL3 - 20.5R25 L3 1-Star Radial Tires w/ 3 PC Rims	\$14,595.00
5123	Rims Less Tires - 20.5R25 w/ 3 PC Rims	\$3,329.00
5154	Michelin MMEGAXBIB - 620/75R26 Agriculture Tires w/ 1 PC Rims	\$20,286.00
5206	Firestone SRG - 20.5-25 L3 16PR Bias Tires w/ 3 PC Rims	\$14,784.00
5315	Michelin XHA2 - 20.5R25 L3 1-Star Radial Tires w/ 3 PC Rims	\$19,981.00

Fenders

Basic Factory Options - Required

5552	Standard Front Fenders Includes: - Standard width front fenders	No Added Cost
5553	Full Coverage Front Fenders Includes: - Full width front fenders	\$336.00
5554	Full Coverage Front & Rear Fenders w/ Mudflaps Includes: - Full width front fenders - Full width rear fenders - Mudflaps	\$2,945.00
5550	Less Fenders And Rear Platforms Intended for severe applications like Wastehandling where fenders can be damaged.	No Added Cost

No Tire Brand Preference - Order As Desired

Field Installed Attachments - Optional

8013	20.5-25 L2 16PR Bias Tires w/ 3 PC Rims - No Brand Preference	No Added Cost
8014	20.5R25 L2 1-Star Radial Tires w/ 3 PC Rims - No Brand Preference	No Added Cost
8015	20.5R25 L3 1-Star Radial Tires w/ 3 PC Rims - No Brand Preference	No Added Cost

IMPLEMENTS/ATTACHMENTS

Hydraulic Couplers or Attachment Mounting

Basic Factory Options - Required

7408	Factory Pin-on Bucket Ready For use when ordering factory installed pin-on buckets.	No Added Cost
7403	Hydraulic Coupler - JRB 416 Pattern	\$6,083.00
7404	Hydraulic Coupler - Hi-Vis/ISO Pattern	\$6,083.00

7407	Field Bucket Ready: Pins Only For use with Field Installed Pin On Buckets The pins shipped with the machine are compatible with Deere designed field installed pin-on buckets. Any other Buckets, Couplers, or Attachments must be reviewed prior to use.	\$624.00
7405	Field Coupler Ready - Pin Disconnect Plumbing For use with field installed Attachment couplers	\$1,524.00
Buckets		Basic Factory Options - Required
7800	Less Bucket	No Added Cost
7813	2.50 YD (1.90 CM) Enhanced Performance Bucket includes curved side cutters, integrated center section spill guard, and weld on skid shoes.	\$9,520.00
7816	2.75 YD (2.10 CM) Enhanced Performance Bucket includes curved side cutters, integrated center section spill guard, and weld on skid shoes.	\$10,294.00
7822	3.00 YD (2.30 CM) Enhanced Performance Bucket includes curved side cutters, integrated center section spill guard, and weld on skid shoes.	\$11,041.00
7823	3.25 YD (2.50 CM) Enhanced Performance Bucket includes curved side cutters, integrated center section spill guard, and weld on skid shoes.	\$11,410.00
7831	4.00 YD (3.10 CM) Light Material Bucket includes curved side cutters, integrated center section spill guard, and weld on skid shoes.	\$15,699.00
7836	4.50 YD (3.45 CM) Light Material Bucket includes curved side cutters, integrated center section spill guard, and weld on skid shoes.	\$17,102.00
Cutting Edges/Segments/Teeth		Basic Factory Options - Required
7458	Bolt-On Cutting Edge	\$1,036.00

7464	Teeth with Segments	\$2,660.00
7465	Less Cutting Edge, Segments, and Teeth	No Added Cost
	Fork Frame	Basic Factory Options - Required
7501	60 Inch (1524mm) Wide Fork Frame	\$10,076.00
7503	96 Inch (2438mm) Wide Fork Frame	\$13,380.00
7500	Less Fork Frame	No Added Cost
	Fork Tines	Basic Factory Options - Required
7701	48 Inch (1219mm) Construction Tines	\$1,902.00
7702	60 Inch (1524mm) Construction Tines	\$2,562.00
7703	72 Inch (1829mm) Construction Tines	\$3,635.00
7700	Less Tines	No Added Cost
	Implements/Attachments - Order As Desired	Field Installed Attachments - Optional

8032	Attachment Recognition Enables the machine to recognize asset tracking beacons on any attachment and adjusts the hydraulic settings that were entered for that attachment.	\$1,029.00
MISCELLANEOUS		
	Miscellaneous - Order As Desired	Field Installed Attachments - Optional
8082	Electrical Corrosion Prevention Package Preventive corrosion treatment for use in corrosive environments. Preventive corrosion treatment includes dielectric grease for electrical connections and polyurethane-based sealant on exposed terminals.	\$1,496.00
8154	Lift Hooks	\$472.00
8101	Finish Paint Less Decals - Translated For custom paint. Non-Paintable charcoal grey cab roof. Decals packaged with machine. Safety decals installed.	No Added Cost
8039	Non-Export Rust Preventive Coating Coating protects exposed unpainted surfaces from road salt during shipment.	\$246.00

Manufacturer's Suggested List Price shown. Retail prices may vary by dealer. Unless stated otherwise, taxes, freight, setup, delivery and other dealer specific charges not included in the pricing. Options/items noted with anything other than price will have additional costs. Pricing, availability, and specifications subject to change without notice. Special program pricing may be available on certain models. See dealer for details. Prices shown are in U.S. dollars and valid only in the U.S.