



JOHN DEERE

Current Date 06Jan2021

644 X WHEEL LOADER

644 X Standard

Equipment

POWER TRAIN:

Hybrid Electric Drivetrain

Brushless A/C Generator

Solid State Power

Inverter

Brushless A/C Motor

Simplified Transmission

with Integrated Wet Disc

Park Brake

Electronically Controlled

Fully

Automated Shift System

Quick Shift Button on

Loader

Control Lever with 2

Selectable

Modes

Automatic / Manual Shift

Modes

Programmable Maximum

High Speed Range

Automatic Transmission

Neutralizer

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

Rimpull Control

COOLING:

Height Kickout / Return
to Carry

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:

Defroster and Pressurizer

Front and Rear Intermittent

Windshield Wipers and Washers

(1) Inside and (2) Outside Rear

View Mirrors

Left and Right Rear Side Opening

Windows

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

Radio Ready

Rubber Floor Mat

Tilt Steering Column

Textured Steering Wheel with

Spinner Knob

Operator's Manual Storage

Compartment

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

Bid Term: 2/22/19 - 2/21/21; Extended to 2/21/22

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) Front and Rear Axle Coolers with Axle Oil Filtration Charge Air Cooler (Air to Air) Coolant Recovery Tank Antifreeze, -34F (-37 C) Cool-on Demand Swing out Fan Enclosed Fan Safety Guard HYDRAULICS: Pressure Compensating Load Sensing Hydraulic System 2 Function Hydraulic Joystick with FNR Control Automatic Return to Dig In Cab Adjustable Automatic Boom	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	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
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Required - You must select one from each category



BASE MACHINE

FOB Davenport, Ia.

As not all option codes have field kits, please review your order option codes and available kits prior to placing a machine order

Description	Code	Price
644 X WHEEL LOADER	6060DW	\$281,307.00



OPERATOR'S MANUAL AND DECALS

Description	Code	Price
English Decals and Manuals	2605	No Added Cost
Spanish Decals and Manuals	2610	No Added Cost
French Decals and Manuals	2615	No Added Cost

▼ MACHINE CONFIGURATION

Description	Code	Price
Standard Wheel Loader	1010	No Added Cost
Waste Handler Configuration	1021	No Added Cost

Requires the following codes:

1140- Hybrid Electric Drive Transmission System
 1430 - Engine Air Intake with Centrifugal Precleaner
 1520 - Automatic Reversing Fan Drive
 2010 or 2020 - Z-BAR or High Lift Linkage
 3120 - Manual Axle Differential Lock
 5570 - Less Fenders
 5610 - Left Side Steps Only
 8450 - Cab w/ Air A/C Charge
 8230 - Less Hitch and Counterweights
 8298 - Less Beacon and Bracket
 9410 Transmission and Bottom Guards

Requires BYT11873 - 644 X-tier Waste Handler Package, Installed.
 (Requires loader to ship to GR Mfg).

The dealer is responsible for making arrangements to get the unit to GR Manufacturing for installation. Shipping cost is not included in the installation.

▼ ENGINE

Description	Code	Price
John Deere PowerTech Engine	0924	\$37,509.00

John Deere PowerTech PSS 6.8L meets EPA FT4 Emissions (231 Net Peak hp)

Turbocharged
 Wet Sleeve Cylinder Liners
 Programmable Auto-Idle and Auto-Shutdown
 Selected Idle Adjustment from 900-1250 RPM
 Starter Protection
 4 Valves / Cylinder
 Cooled Exhaust Gas Recirculation
 Automatic Derating for Exceeded System Temperatures
 Electronically Controlled HPCR Fuel Delivery System, B20 Biodiesel Compatible
 Electrical Fuel Priming System
 Serpentine Drive Belt with Automatic Tensioner
 Under Hood Dual Element Air Cleaner with Restriction Indicator
 Under Hood Exhaust Filter and Catalysts with Curved Exhaust Stack
 Automatic Exhaust Filter Regeneration
 Dual-Stage Fuel Filter and Water Separator
 500 Hour Vertical Spin-on Oil Filter
 Oil crankcase filter, Lifetime
 Automatic Engine Cool-down Timer

Remote Start Battery Terminals
140 Amp Alternator

▼ FAN DRIVE

Description	Code	Price
Standard Hydraulic Fan	1510	No Added Cost

Hydraulically driven fan with proportional fan speed control based on cooling demands to save fuel and reduce noise.

Automatic Reversing Hydraulic Fan	1520	\$1,792.00
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Hydraulically driven fan with proportional fan speed control based on cooling demands to save fuel and reduce noise. Automatic Reversing fan to purge debris and dust on cooling system inlet screens and coolers periodically to reduce cleaning. Reversing intervals can be set in the monitor.

Requires code 1430 Engine Air Intake with Centrifugal Precleaner

▼ AIR INTAKE

Description	Code	Price
Standard Engine Air Intake System	1410	No Added Cost

Does not include centrifugal precleaner

Engine Air Intake System with Centrifugal Precleaner	1430	\$667.00
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▼ EXHAUST

Description	Code	Price
Flat Black Curved Stack	1310	No Added Cost

Chrome Curved Stack	1330	\$443.00
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▼ FUEL FILTRATION

Description	Code	Price
Standard Fuel Filter with Water Separator and Standard Fuel Fill	1610	No Added Cost

▼ ALTERNATOR

Description	Code	Price
140 amp Alternator	1217	\$347.00

Required with code 1910 Premium Cab, code 2715 15 Amp/12V Power Converter, or code 2730 30 Amp/12V Power Converter.

▼ CONVERTER

Description	Code	Price
8 Amp Converter	2708	No Added Cost

Not Available with Premium Cab code 1910

15 Amp Converter	2715	\$115.00
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Requires code 1217 140 amp alternator

30 Amp Converter	2730	\$265.00
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Requires code 1217 140 amp alternator

LIGHTING

Description	Code	Price
Halogen Work and Drive Lights	7120	No Added Cost

LED Front Turn/Marker & Rear Turn/Brake Lights

Premium LED Work and Drive Lights	7140	\$1,449.00
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All exterior machine lights are LED
LED Front Turn/Marker & Rear Turn/Brake Lights

TRANSMISSION

Description	Code	Price
Hybrid Electric Drive Transmission System	1140	\$37,317.00

Hybrid Electric Drivetrain
Brushless A/C Generator
Solid State Power Inverter
Brushless A/C Motor
Simplified Transmission with Integrated Wet Disk Park Brake
Four Operating Speed Ranges in both Forward and Reverse
Recommend Ride Control with Lock-up Clutch for Load and Carry applications.

AXLES

Description	Code	Price
Front Hydraulically Locking Differential and Rear Conventional Differential Axles	3046	No Added Cost

High Traction - Front & Rear Hydraulically Locking Differential Axles	3049	\$2,982.00
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DIFFERENTIAL LOCK

Description	Code	Price
Automatic Differential Lock	3110	\$1,429.00

Allows operator to switch on Automatic Diff Lock providing continual differential lock in all conditions, minimizing tire spin.
Requires code 9410 Transmission and Bottom Guards.

Manual Axle Differential Lock	3120	No Added Cost
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LINKAGE CONFIGURATION

Description	Code	Price
Standard Z-BAR	2010	No Added Cost

Parallel Lift Linkage

High Lift Z-BAR	2020	\$6,040.00
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Parallel Lift Linkage

Adds 16.3 inches (416 mm) 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.

HYDRAULIC CONTROLS

Description	Code	Price
Single Axis Lever Controls	2350	\$202.00

Provides an individual hydraulic function control lever for each function. Only available for 2 function and 3 function hydraulics. Includes steering column mounted FNR lever.

Joystick Controls	2360	No Added Cost
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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. Includes FNR switch integrated into the joystick control lever.

HYDRAULIC SYSTEM

Description	Code	Price
Two Function Hydraulics	2402	No Added Cost

Controls Boom and Bucket only.

Three Function Hydraulics	2403	\$2,231.00
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Controls Boom and Bucket and adds an auxiliary function and boom lines.

Four Function Hydraulics	2404	\$4,231.00
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Controls Boom and Bucket and adds two auxiliary functions and boom lines.

Requires code 2360 Joystick Controls.

HYDRAULIC FLUID

Description	Code	Price
Hydrau Hydraulic Fluid	1970	No Added Cost

Hydrau XR Hydraulic Fluid	1975	\$250.00
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Optional factory fill.

Required for colder climates with operation below -25C (-13F) and extreme cold ambient temperatures down to -40C (-40F). Provides all-season capability in ambient temperatures ranging from -40C to 40C (-40F to 104F).

RIDE CONTROL

Description	Code	Price
Ride Control	2510	\$4,818.00

Code 9410 Transmission and Bottom Guards are recommended in applications where underside is vulnerable.

Less Ride Control	2520	No Added Cost
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CAB / ROPS

Description	Code	Price
Standard Cab	1905	No Added Cost

The following options are only available on the standard cab:

1210 100 amp Alternator
1934 5 inch (127mm) Display Monitor
2220 Deluxe Seat
2708 8 amp Voltage Converter
8310 Standard Exterior Mirrors OR 8320 Heated Exterior Mirrors
8360 Standard radio OR 8380 No radio

Allows lowest cost configuration.

The following options are NOT available in the standard cab configuration:

8370 Premium Radio
8350 Remote Powered and Heated Exterior Mirrors

Premium Cab	1910	(\$512.00)
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Requires/Includes the following option codes in order to qualify for package group price:

1217 140 Amp Alternator
1940 7 inch (178mm) Display Monitor OR 1945 7 inch (178mm) Display Monitor with Dedicated 7 inch (178mm) Rear View Camera Display
2240 Premium Seat
2715 15 amp Voltage Converter OR 2730 30 amp Voltage Converter
8350 Remote Powered and Heated Exterior Mirrors
8370 Premium Radio

Also includes Cab Automatic Temperature Control System.

A/C CHARGE

Description	Code	Price
Cab with Air A/C Charge	8450	No Added Cost
Cab with Air Export A/C - No Charge	8460	No Added Cost

Recommended for units that require to be containerized for overseas shipment.

SEAT

Description	Code	Price
Deluxe Seat, Cloth with Air Suspension	2220	No Added Cost

Fabric Covered Seat with Back Rest Extension includes Lumbar Adjustment and Air Suspension with Full Damping Capability.

Not Available with Premium Cab code 1910

Premium Seat, Heated and Ventilated with Heavy Duty Air Suspension	2240	\$1,295.00
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Leather Accented Seat with Back Rest Extensions includes Pan Tilt, Pan Extend, Lumbar Adjustment and Air Suspension with Full Damping Capability.

MONITOR

Description	Code	Price
7 inch Monitor	1940	No Added Cost

7 inch Monitor with Dedicated Rear Camera Display	1945	\$1,645.00
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Provides a separate and dedicated 7 inch display monitor for displaying continuous rear view camera imagery and allowing standard monitor to display without interruption.

5 inch Monitor	1934	(\$206.00)
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Not Available with Premium Cab code 1910

MIRRORS

Description	Code	Price
Standard Exterior Mirrors	8310	No Added Cost

Not Available with Premium Cab code 1910

Heated Exterior Mirrors	8320	\$424.00
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Not Available with Premium Cab code 1910

Remote Powered and Heated Exterior Mirrors	8350	\$712.00
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Not Available with Standard Cab code 1905

RADIO

Description	Code	Price
Standard Radio	8360	\$576.00

AM/FM/Weather Band (WB) Radio with Remote AUX Port

Requires Standard Cab

Premium AM/FM/Weather Band (WB) with Bluetooth, Remote Aux and Remote USB Port	8370	\$850.00
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AM/FM/Weather Band (WB) Radio with Bluetooth, Remote Aux and Remote USB Port

Requires Premium cab

No Radio	8380	No Added Cost
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Requires Standard Cab

REAR OBJECT DETECTION

Description	Code	Price
Rear Camera and Rear Object Radar Detection	8235	\$3,304.00

Display shows view behind the machine and provides audible alert. Rear view is displayed in video-enabled color monitor or dedicated color monitor.

Rear Camera	8240	No Added Cost
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BEACONS

Description	Code	Price
LED Strobe Beacon with Left Beacon Bracket	8275	\$275.00

LED Strobe Beacon on hinged bracket mounted to the rear left side of the cab exterior.

Left Beacon Bracket Only	8290	\$168.00
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Hinged bracket only mounted to the rear left side of the cab exterior.

No Strobe Beacon or Left Beacon Bracket	8298	No Added Cost
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CAB ENTRANCE STEPS

Description	Code	Price
Left Side Steps Only	5610	No Added Cost

STEERING SYSTEMS

Description	Code	Price
Steering Wheel Only	2120	No Added Cost

Steering Wheel and Joystick Steering	2135	\$4,892.00
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Provides 2 Steering Systems with Steering Wheel and Left Hand Joystick with FNR Switch.

PAYLOAD SCALE

Description	Code	Price
No Payload Scale with Cycle Counter	2870	\$119.00

No Payload Scale without Cycle Counter	2890	No Added Cost
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MACHINE CONNECTIVITY

Machine connectivity functions require cellular coverage. Usage of JDLink System requires customer's acceptance of the terms of the John Deere Telematics System Contract.

Option availability limited by specific geographical regions. Please refer to region specific price pages for appropriate ordering codes.

Description	Code	Price
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JDLINK Ultimate 5 Year Subscription**170C No Added Cost**

Includes JDLINK hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and now includes all Ultimate Connectivity features - Wireless Data Transfer (WDT) enabling automatic data transfer from TimberMatic and Waratah H16 Measuring Systems to TimberManager and MyJohnDeere, supporting TimberOffice 5 Software. Additionally, Ultimate now includes Limited Internet features supporting optional ForestSight Solutions such as advance mapping systems and Remote Display Access (RDA) features supported by TeamViewer applications. JDLINK utilizes cellular and satellite technology infrastructure that is outside the control of John Deere. Changes to that infrastructure may require customers to purchase compatible JDLINK hardware to restore functionality. Includes 5 year subscription. Annual subscription renewal required after 5 years for continued functionality. JDLINK customer account must be created to access JDLINK Ultimate data. Go to www.StellarSupport.com to renew or update JDLINK subscriptions. Use of this service, and all rights and obligations of John Deere and the Customer (as identified in the applicable agreement), are governed by the terms and conditions outlined in the applicable Services and Software agreements available at www.JohnDeere.com/Agreements. If these terms and conditions are not agreeable do not proceed and do not use the service.

JDLINK Ultimate Dual 5 Year Subscription**170J \$2,074.00**

Includes JDLINK hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and now includes all cellular dependent Ultimate Connectivity features - Wireless Data Transfer (WDT) enabling automatic data transfer from TimberMatic and Waratah H16 Measuring Systems to TimberManager and MyJohnDeere, supporting TimberOffice 5 Software. Additionally, Ultimate Dual now includes Limited Internet features supporting optional ForestSight Solutions such as advance mapping systems and Remote Display Access (RDA) features supported by TeamViewer applications when cellular signal is available. JD Link Ultimate Dual works with the 4G LTE MTG to automatically transmit compressed summary data over a satellite network when a cellular network is not available. JDLINK utilizes cellular and satellite technology infrastructure that is outside the control of John Deere. Changes to that infrastructure may require customers to purchase compatible JDLINK hardware to restore functionality. Includes 5 year subscription. Annual subscription renewal required after 5 years for continued functionality. JDLINK customer account must be created to access JDLINK Ultimate data. Go to www.StellarSupport.com to renew or update JDLINK subscriptions. Use of this service, and all rights and obligations of John Deere and the Customer (as identified in the applicable agreement), are governed by the terms and conditions outlined in the applicable Services and Software agreements available at www.JohnDeere.com/Agreements. If these terms and conditions are not agreeable do not proceed and do not use the service.

FENDERS**Description**

Standard Front Fenders

Code

5530

Price

No Added Cost

Includes standard width front fenders, left side steps, as well as both left and right side platforms.

Fender width is narrower than tire by design to be less susceptible to damage if tire brushes against objects from the side.

Full Width Front Fenders	5540	\$430.00
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Includes full width front fenders, left side steps, as well as both left and right side platforms.

Fender width is wider than tire by design to capture more tire spray but is susceptible to damage if tire brushes against objects from the side.

Full Width Front and Rear Fenders	5550	\$2,590.00
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Includes full width front and rear fenders, left side steps, as well as both left and right side platforms.

Fender width is wider than tire by design to capture more tire spray but is susceptible to damage if tire brushes against objects from the side.

Mudflaps and wiper flap are NOT included.

Full Coverage Front and Rear Fenders with Mudflaps	5560	\$3,085.00
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Includes full width front and rear fenders, left side steps, as well as both left and right side platforms.

Also includes mudflaps and wiper flap on front fenders to reduce tire spray while traveling fast in wet conditions.

Fender width is wider than tire by design to capture more tire spray but is susceptible to damage if tire brushes against objects from the side.

Less Fenders and Rear Platforms	5570	No Added Cost
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Not for use with Code 5620 Left and Right Side Steps

WHEELS AND TIRES

All Tires are tubeless and include rims, axle stops when required, and come in sets of 4.

Tire chain use requires Axle Stops.

NOTE: If a No Brand Preference code is selected a 9000 code in the Optional Equipment - Order as Desired section will automatically be selected as well. This is required to enable the factory to source this order.

Orders with custom codes are exempt from order response targets. Not all custom codes may be published. If there are specific configuration needs that you don't see available, please contact Dealer Marketing Assistance Center (DMAC): (563) 589-6660.

Description	Code	Price
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Less Wheels and Tires

Less Wheels and Tires	4000	No Added Cost
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8 Degree Axle Stops Installed

If solid tires are installed it requires the Rear Access Platforms from GR Mfg listed in the Referral section of the Price Pages. Includes retaining hardware. This package is required for rear axle warranty. For warranty information refer to the SAM manual.

23.5X25 3pc. Rims Less Tires	4010	\$5,868.00
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750/65R25 5pc. Rims Less Tires	4012	\$8,453.00
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23.5R25 L3 Single Star Radial Tires With 3 Piece Rims

	4621	\$27,273.00
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Michelin XHA2, 23.5R25 L3 Single Star Radial Tires On
3pc. Rims

Bridgestone VJT, 23.5R25 L3 Single Star Tires On 3pc. Rims	4625	\$24,640.00
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No Brand Preferred, 23.5R25 L3 Single Star Radial On 3pc. Rims	4935	\$21,812.00
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Other Tire Options

Titan, 23.5-25 L3 20PR Bias Tires With 3pc. Rims	4523	\$20,952.00
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Titan, 725/70-25 Logger Tires With Rims	5113	\$27,089.00
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Not for order with Fender Codes 5550 or 5560

Michelin Low Profile, 750/65R25 Single Star L3 Radial Tires With 5pc. Rims	5241	\$36,958.00
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▼ TIRE PRESSURE MONITORING

Description	Code	Price
Tire Pressure Monitoring System	5310	\$1,700.00
Less Tire Pressure Monitoring System	5320	No Added Cost

▼ HYDRAULIC COUPLERS

Description	Code	Price
Hydraulic Coupler - JRB 418 Pattern	8559	\$7,227.00
Hydraulic Coupler - Hi-Vis/ISO Pattern	8561	\$7,227.00
Field Coupler Ready: Pin Disconnect Plumbing	8563	\$1,452.00

For use with field installed Attachment couplers.
Includes hydraulic lines from control valve to loader boom cross tube,
electric switch, and solenoid valve.
Pins NOT included - dealer will need to work with aftermarket supplier of
coupler to procure proper size pins.

Field Bucket Ready: Pins Only	8565	\$595.00
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Pins are shipped with the machine.
The pins provided are designed and intended for use in installing Deere
designed field installed pin-on buckets. Use of the pins to attach any other
buckets, couplers, or other attachments may or may not be acceptable,
and must be reviewed on a case by case basis to determine if they
provide adequate pin engagement and pin retention.

Factory Pin-on Bucket Ready	8567	No Added Cost
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Required when ordering factory installed pin-on buckets - NOT coupler
style hook-on buckets or field installed buckets.

▼ BUCKETS

Bucket options are orderable with either a coupler or a pin-on configuration, unless otherwise noted.

Description	Code	Price
No Bucket	8960	No Added Cost
4.0 Cu. Yd. Bucket	8932	\$8,557.00
<p>All 4.0 cu yd buckets are 120" (3048mm) wide coupler style hook-on Enhanced Production buckets with weld-on Skid Shoes and integrated spill guard.</p> <p>No pin-on bucket is offered in this size.</p> <p>Not for use with code 8567 Factory Pin-on Bucket.</p> <p>Requires Coupler code 8559 or 8561.</p>		
4.25 Cu. Yd. Bucket	8937	\$8,892.00
<p>All 4.25 cu yd buckets are 120" (3048mm) wide Enhanced Production buckets with weld-on Skid Shoes and integrated spill guard.</p> <p>Requires Coupler code 8559 or 8561 OR Factory Pin-on Bucket code 8567.</p>		
4.5 Cu. Yd. Bucket	8942	\$9,228.00
<p>All 4.5 cu yd buckets are 120" (3048mm) wide Enhanced Production buckets with weld-on Skid Shoes and integrated spill guard.</p> <p>Requires Coupler code 8559 or 8561 OR Factory Pin-on Bucket code 8567.</p>		
4.75 Cu. Yd. Bucket	8947	\$9,817.00
<p>All 4.75 cu yd buckets are 120" (3048mm) wide Enhanced Production buckets with weld-on Skid Shoes and integrated spill guard.</p> <p>Requires Coupler code 8559 or 8561 OR Factory Pin-on Bucket code 8567.</p> <p>Requires Standard Z-BAR code 2010</p>		
CUTTING EDGES AND TEETH		
Description	Code	Price
Bolt-on Cutting Edge	8860	\$2,368.00
For use with 120 inch wide buckets.		
Bolt-on Teeth with Cutting Edge Segments	8880	\$3,505.00
For use with 120 inch wide buckets.		
No Bucket Edge or Teeth	8890	No Added Cost
Required when ordering code 8960 No Bucket		
FORK FRAME		
Description	Code	Price
No Fork Frame	5840	No Added Cost

76 in (1930mm) Wide Fork Frame, Floating Tine	5770	\$11,591.00
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Requires code 8559 Hydraulic Coupler - JRB 418 Pattern OR code 8561 Hydraulic Coupler - Hi-Vis/ISO Pattern

TINES

Description	Code	Price
No Tines	5940	No Added Cost

Required when ordering code 5840 No Fork Frame

60 in (1524mm) Construction Tines	5875	\$1,625.00
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Requires code 5770 76 in (1930mm) Wide Fork Frame, Floating Tine

72 in (1829mm) Construction Tines	5895	\$2,945.00
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Requires code 5770 76 in (1930mm) Wide Fork Frame, Floating Tine

REAR HITCH AND COUNTERWEIGHTS

Description	Code	Price
Rear Hitch and Counterweight	8220	No Added Cost

Less Rear Hitch and Counterweight	8230	(\$1,053.00)
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Right side rear counterweight is removed, left side rear counterweight is still in place due to DEF/fuel tank placement.
For use with Standard or High Lift Linkage Codes 2010 or 2020 only
This option is typically used in conjuncture with a waste handling package or any other special application where a GR Manufacturing rear guarding package is installed. The less counterweight code still includes the left side pod as it is needed to house the DEF tank.

Please consult DMAC if you have any questions as this code will reduce FTTL.

Right side rear counterweight is removed, left side rear counterweight is still in place due to DEF/fuel tank placement.
For use with Standard or High Lift Linkage Codes 2010 or 2020 only

Optional - Select as desired

ENGINE

Description	Code	Price
Engine Block Heater	9015	\$243.00

Recommend for cold starts below -10 degrees F (-23 C)

Throttle Lock	9055	\$215.00
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This feature adds the convenience of holding the engine at a constant engine speed for long travel distances or other constant engine speed needs without the operator having to hold the accelerator pedal position.

Engine Compartment Light	9240	\$180.00
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	9045	\$867.00
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Quick Fluid Service

Coupling system for Engine Oil, Transmission Fluid, Hydraulic Fluid and Engine Coolant.

OPERATOR'S STATION

Description	Code	Price
Powered Cab Fresh Air Pre-Cleaner	9115	\$945.00
Extends cab air filter change intervals.		
Seat Belt with Minder Switch and External Indicator Light	9127	\$360.00
The seat belt Minder Switch sends a JDLink code alert if the park brake is released and seat belt not latched.. The external indicator light, is a green strobe beacon mounted on the right hand corner of the cab that flashes anytime the unit is running and the seat belt is latched.		
Fire Extinguisher	9140	\$149.00
5.0 lbs. multi purpose (ABC) Dry Chemical Fire Extinguisher mounted inside the cab to the left front ROPS post.		

TIRE BRAND PREFERENCE

Description	Code	Price
<u>No Tire Brand Preference</u>		
23.5R25 L3 Single Star No Brand Preferred Radial On 3pc. Rims	9710	No Added Cost

MISCELLANEOUS

Description	Code	Price
Electrical Corrosion Prevention Package	9210	\$1,425.00
Preventive corrosion treatment for use in corrosive environments. Preventive corrosion treatment includes dielectric grease for electrical connections and polyurethane-based sealant on exposed terminals.		
Transmission and Bottom Guards	9410	\$2,428.00
Recommended in applications where underside is vulnerable.		
Includes transmission side guards, bottom guards, and loader mast side covers.		
Lift Hooks	9510	\$428.00
License Plate Bracket	9520	\$177.00
Includes light for night time illumination.		
Slow Moving Vehicle (SMV) Emblem	9525	\$157.00
Finish Paint - Decals Not Installed	9800	No Added Cost

For custom paint.
Non-Paintable charcoal grey cab roof.
Decals packaged with machine.
Safety decals installed.

Shipping Rust Preventive Coating - Non Export	9909	\$235.00
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Coating protects exposed unpainted surfaces from road salt during shipment.

4WD LOADER SIMULATOR

ATTACHMENTS FOR FIELD CONVERSION

Description	Code	Price
<u>Buckets Coupler</u>		
4 Cu. Yd. Hi-Vis Coupler Bucket w/ Cutting Edge	BYT10575	\$9,379.00
120" (3048mm) wide Hi-Vis coupler hook-on Enhanced Production bucket with weld-on Skid Shoes and integrated spill guard		
4 Cu. Yd. Std. Coupler Bucket w/ Cutting Edge	BYT10580	\$9,379.00
120" (3048mm) wide JRB 418 Compatible coupler hook-on Enhanced Production bucket with weld-on Skid Shoes and integrated spill guard		
4.25 Cu. Yd. Hi-Vis Coupler Bucket w/ Cutting Edge	BYT10576	\$9,667.00
120" (3048mm) wide Hi-Vis coupler hook-on Enhanced Production bucket with weld-on Skid Shoes and integrated spill guard		
4.5 Cu. Yd. Hi-Vis Coupler Bucket w/ Cutting Edge	BYT10577	\$9,956.00
120" (3048mm) wide Hi-Vis coupler hook-on Enhanced Production bucket with weld-on Skid Shoes and integrated spill guard		
4.5 Cu. Yd. Std. Coupler Bucket w/ Cutting Edge	BYT10582	\$9,956.00
120" (3048mm) wide JRB 418 Compatible coupler hook-on Enhanced Production bucket with weld-on Skid Shoes and integrated spill guard		
4.75 Cu. Yd. Hi-Vis Coupler Bucket w/ Cutting Edge	BYT10578	\$10,461.00
120" (3048mm) wide Hi-Vis coupler hook-on Enhanced Production bucket with weld-on Skid Shoes and integrated spill guard		
4.75 Cu. Yd. Std. Coupler Bucket w/ Cutting Edge	BYT10583	\$10,461.00
120" (3048mm) wide JRB 418 Compatible coupler hook-on Enhanced Production bucket with weld-on Skid Shoes and integrated spill guard		
<u>Buckets Pin-On</u>		
4.25 Cu. Yd. YD Pin-on Bucket w/ Cutting Edge	BYT10586	\$9,667.00
120" (3048mm) wide pin-on Enhanced Production bucket with weld-on Skid Shoes and integrated spill guard.		
4.5 Cu. Yd. YD Pin-on Bucket w/ Cutting Edge	BYT10587	\$9,956.00

120" (3048mm) wide pin-on Enhanced Production bucket with weld-on Skid Shoes and integrated spill guard.

4.75 Cu. Yd. YD Pin-on Bucket w/ Cutting Edge	BYT10588	\$10,461.00
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120" (3048mm) wide pin-on Enhanced Production bucket with weld-on Skid Shoes and integrated spill guard.

Couplers

Hydraulic Coupler - Hi-Vis/ISO Pattern	BYT10594	\$6,205.00
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For use with Standard and High Lift Z-Bar Linkages

Hydraulic Coupler - JRB 418 Pattern	BYT10595	\$6,205.00
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For use with Standard and High Lift Z-Bar Linkages

Forks

76 in. (1.93 m) Hi-Vis Coupler Fork Frame, Floating Tine w/ (2) 60 in. (1.52 m) Tines	BYT10666	\$9,740.00
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Compatible with Hi-Vis/ISO pattern hook-on coupler

76 in. (1.93 m) Hi-Vis Coupler Fork Frame, Floating Tine w/ (2) 72 in. (1.83 m) Tines	BYT10667	\$11,458.00
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Compatible with Hi-Vis/ISO pattern hook-on coupler

76 in. (1.93 m) Std. Coupler Fork Frame, Floating Tine w/ (2) 60 in. (1.52 m) Tines	BYT10668	\$9,740.00
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Compatible with JRB 418 pattern hook-on coupler.

76 in. (1.93 m) Std. Coupler Fork Frame, Floating Tine w/ (2) 72 in. (1.83 m) Tines	BYT10669	\$11,458.00
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Compatible with JRB 418 pattern hook-on coupler.

G.R.Mfg.

644L Hybrid Waste Handler Package, Installed	BYT11873	\$28,529.00
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Requires code 1021, Waste Handler Configuration Installed package includes the following:

- Axle Seal Guards
- Boom Cylinder Hydraulic Line & Cavity Guards
- Bucket Cylinder Hydraulic Line/Rod/Sensor Guard
- Articulation Joint Guards
- Hydraulic Tank and Cab Entry Step Guard
- Extreme Service Transmission Side Guards
- Extreme Service Loader Frame Front Cover
- Extreme Service Guards for Loader Drive, Work, & Turn Lights Full Frontal
- Cab Window Guard (does not meet SAE J1084 Forestry Standard)
- Rear Loader Frame Guard
- 4th Gear Disabled
- Strobe Light Right Rear Cab Roof Mounted, Fold Down
- Lower Boom & Bucket Grease Fitting Guards
- Rear Access Platforms with Flexible Step, Hand Holds & Tie Downs
- Battery Disconnect Switch

Compartment Guard
Precleaner Prescreen Kit

Axle Seal Guards	BYT11780	\$1,477.00
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Boom Cylinder Hydraulic Line & Cavity Guards	BYT11786	\$2,849.00
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Hyd Operated Extreme Duty Bottom Guards	BYT11782	\$6,303.00
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Cannot be used with code 3110 Axle Auto Diff Lock or 9410 Transmission & Bottom Guards.

Rear Tire Deflector Kit	BYT11788	\$6,707.00
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Required when machine is equipped with solid or foam filled tires.

Hydraulics

3rd Function Hydraulics - High Lift	BYT11839	\$4,288.00
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Includes third function hydraulic valve section.
Does not include in-cab control function.
For use with High Lift Linkage.

Kit does not include hoses and will require dealer to manufacture hoses per installation instructions.

3rd Function Hydraulics - Z-Bar	BYT11838	\$4,288.00
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Includes third function hydraulic valve section.
Does not include in-cab control function.
For use with Z-Bar Linkage.

Kit does not include hoses and will require dealer to manufacture hoses per installation instructions.

3rd Function Plumbing from Boom to Coupler	BYT11836	\$176.00
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For use on units with factory 3rd function hydraulics having a coupler added in the field.

Kit does not include hoses and will require dealer to manufacture hoses per installation instructions.

4th Function Hydraulics - High Lift	BYT11841	\$4,288.00
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Includes fourth function hydraulic valve section.
Does not include in-cab control function.
For use with High Lift Linkage.

Kit does not include hoses and will require dealer to manufacture hoses per installation instructions.

4th Function Hydraulics - Z-Bar	BYT11840	\$4,288.00
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Includes fourth function hydraulic valve section.
Does not include in-cab control function.
For use with Z-Bar Linkage.

Kit does not include hoses and will require dealer to manufacture hoses per installation instructions.

	BYT11892	\$5,207.00
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5th/6th Function Hydraulics

Includes one hydraulic valve section and tie rods which allow for either 5th or 6th auxiliary functions. Two kits are needed to add both 5th and 6th functions to an existing 4-function valve.

Does not include in-cab control function. Unit must be equipped with 4-function joystick control lever to operate 5th and 6th functions. If unit is equipped with 3-function joystick control lever then a new 4-function joystick control lever will be required. 5th and 6th functions are not compatible with single axis controls.

For use with Standard Z-bar & High Lift Linkages.

Kit does not include hoses and will require dealer to manufacture hoses per installation instructions.

Attachment Coupler Plumbing Kit - High Lift Z-Bar Linkage	BYT11844	\$449.00
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For use with field installed Attachment couplers.
Includes hydraulic lines from control valve to loader boom cross tube.

Attachment Coupler Plumbing Kit - Standard Z-Bar Linkage	BYT11843	\$449.00
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For use with field installed Attachment couplers.
Includes hydraulic lines from control valve to loader boom cross tube.

Cable Reinforced Coupler Plumbing kit - Hi-Vis/ISO	BYT11835	\$218.00
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Provides plumbing from boom cross tube to the coupler.

For use with Deere designed Hi-Vis/ISO style coupler added in the field.

Cable Reinforced Coupler Plumbing kit - JRB	BYT11834	\$218.00
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Provides plumbing from boom cross tube to the coupler.

For use with Deere designed JRB style coupler added in the field.

Hydraulic Control Valve for Attachment Coupler Locking Pins	BYT11821	\$899.00
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For use with field installed Attachment couplers.
Includes solenoid valve and software to program SSM switch to operate coupler.
Both Attachment Coupler Plumbing and Cable Reinforced Coupler Plumbing kits are needed to provide plumbing from the valve to the coupler.

Operator Environment

CB Radio Antenna Kit	BYT11300	\$152.00
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Kit includes CB Radio Antenna, Antenna Cable, Mounting Brackets, and Hardware

Joystick Steering	BYT11865	\$5,093.00
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Ride Control Kit	BYT11820	\$4,563.00
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Transmission and Bottom Guards are recommended in applications where underside is vulnerable.

Seat Belt with Minder Switch and External Indicator Light Kit	BYT11857	\$530.00
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The seat belt Minder System monitors seat belt status and reports through JDLink when enabled. The external indicator light is a green strobe beacon mounted on the right hand corner of the cab that flashes anytime the unit is running and the seat belt is latched.

Secondary Steering System	BYT11773	\$2,645.00
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Steering Column FNR Kit	BYT11988	\$402.00
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Overall Vehicle

24V Aux Electrical Output Kit	BYT11267	\$179.00
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Provides 24V output to allow operation of electrical solenoid valves or other electrical components from the hydraulic controls through the multi-function button.

Full Coverage Front and Rear Fenders with Mudflaps	BYT11696	\$3,023.00
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Fender Kit contains all parts necessary to convert a machine from the base factory option of Standard Front Fenders to the equivalent of the factory option of Full Coverage Front and Rear Fenders with Mudflaps. Includes full width front and rear fenders, mudflaps on front and rear fenders, and wiper flaps on front fenders to reduce tire spray while traveling fast in wet conditions.

Fender width is wider than tire by design to capture more tire spray but is susceptible to damage if tire brushes against objects from the side.

Strobe Beacon with Mounting Brackets	BYT11547	\$472.00
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Kit includes one strobe beacon and two hinged mounting brackets, one for each side of the machine. Each side of the machine is pre-wired for the beacon so beacon can be installed on either side.

Payload Scale

Cycle Counter Switch Field Kit	BYT11767	\$121.00
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Powertrain & Cooling

Automatic Reversing Hydraulic Fan	BYT11862	\$1,661.00
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Hydraulically driven fan with proportional fan speed control based on cooling demands to save fuel and reduce noise. Automatic Reversing fan to purge debris and dust on cooling system inlet screens and coolers periodically to reduce cleaning. Reversing intervals can be set in the monitor.

Requires Engine Air Intake with Centrifugal Precleaner

Quick Fluid Service	BYT11855	\$700.00
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Coupling system for Engine Oil, Transmission Fluid, Hydraulic Fluid and Engine Coolant.

Tire Pressure Monitoring System (TPMS)	BYT11856	\$1,745.00
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