



**JOHN DEERE**

Current Date 03Apr2020

## 644LH WHEEL LOADER

### 644LH 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:

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

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:  
Hydraulic Oil Temperature  
Engine Coolant Temperature  
Transmission Oil Temperature  
Engine Oil Pressure  
DIGITAL Display:  
Engine RPM  
Transmission Gear / Direction Indicator  
Hour Meter

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  
Vandal Protection With Lockable Engine Enclosures, Right

Bid Term - 2/22/19 - 2/21/21

Air) John Deere-Price List 4-24-2020  
 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

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

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

**OPERATOR'S STATION:**  
 ROPS Quiet Cab with Heater and Air  
 Conditioning

**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
644LH WHEEL LOADER	7670DW	\$281,021.00

▼ **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 Pre-cleaner  
 1520 - Automatic Reversing Fan Drive  
 2010 or 2020 - Z-BAR or High Lift Linkage

- 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 - 644LH 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

<b>Description</b>	<b>Code</b>	<b>Price</b>
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

<b>Description</b>	<b>Code</b>	<b>Price</b>
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

<b>Description</b>	<b>Code</b>	<b>Price</b>
Standard Engine Air Intake System	1410	No Added Cost

Does not include centrifugal precleaner

Engine Air Intake System with Centrifugal Precleaner

1430

\$867.00

EXHAUST

Description	Code	Price
Flat Black Curved Stack	1310	No Added Cost
Chrome Curved Stack	1330	\$443.00

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.

John Deere-Price List 4-24-2020

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

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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Requires code 2360 Joystick Controls.

**HYDRAULIC FLUID**

Description	Code	Price
Hydrau Hydraulic Fluid	1970	No Added Cost
Hydrau XR Hydraulic Fluid	1975	\$250.00

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
Less Ride Control	2520	No Added Cost

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

**CAB / ROPS**

Description	Code	Price
Standard Cab	1905	No Added Cost
Premium Cab	1910	(\$512.00)

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  
8250 No Rear Camera or Radar Object Detection System  
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

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  
8240 Rear Camera Only OR 8235 Rear Camera and Radar Object Detection System  
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
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
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)
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
Not Available with Premium Cab code 1910		
Remote Powered and Heated Exterior Mirrors	8350	\$712.00
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

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	In Base Price
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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

Z-Bar and High Lift Linkage models will be shipped payload scale ready compatible with Loadrite L2180 or L3180 aftermarket payload scales

#### 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.



Description	Code	Price
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](http://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](http://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
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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](http://www.JohnDeere.com/Agreements). If these terms and conditions are not agreeable do not proceed and do not use the service.

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](http://www.StellarSupport.com) to renew or update JDLink subscriptions.

**FENDERS**

Description	Code	Price
Standard Front Fenders	5530	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

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

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

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**

**Less Wheels and Tires**

Less Wheels and Tires

4000

No Added Cost

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

750/65R25 5pc. Rims Less Tires

4012

\$8,453.00

**23.5R25 L3 Single Star Radial Tires With 3 Piece Rims**

Michelin XHA2, 23.5R25 L3 Single Star Radial Tires On 3pc. Rims

4621

\$27,273.00

Bridgestone VJT, 23.5R25 L3 Single Star Tires On 3pc. Rims

4625

\$24,640.00

No Brand Preferred, 23.5R25 L3 Single Star Radial On 3pc. Rims

4935

\$21,812.00

**Other Tire Options**

Titan, 23.5-25 L3 20PR Bias Tires With 3pc. Rims

4523

\$20,952.00

Titan, 725/70-25 Logger Tires With Rims

5113

\$27,089.00

Not for order with Fender Codes 5550 or 5560

Michelin Low Profile, 750/65R25 Single Star L3 Radial Tires With 5pc.

5241

\$36,958.00

Bid Term - 2/22/19 - 2/21/21

RIMS

▼ 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
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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.

No pin-on bucket is offered in this size.

Not for use with code 8567 Factory Pin-on Bucket.

Requires Coupler code 8559 or 8561.

4.25 Cu. Yd. Bucket	8937	\$8,892.00
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All 4.25 cu yd buckets are 120" (3048mm) wide Enhanced Production buckets with weld-on Skid Shoes and integrated spill guard.

Requires Coupler code 8559 or 8561 OR Factory Pin-on Bucket code 8567.

4.5 Cu. Yd. Bucket	8942	\$9,228.00
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Requires Coupler code 8559 or 8561 OR Factory Pin-on Bucket code 8567.

4.75 Cu. Yd. Bucket	8947	\$9,817.00
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Requires Standard Z-BAR code 2010  
 All 4.75 cu yd buckets are 120" (3048mm) wide Enhanced Production buckets with  
 weld-on Skid Shoes and integrated spill guard.

Requires Coupler code 8559 or 8561 OR Factory Pin-on Bucket code 8567.

▼ CUTTING EDGES AND TEETH

<b>Description</b>	<b>Code</b>	<b>Price</b>
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
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For use with 120 inch wide buckets.

No Bucket Edge or Teeth	8890	No Added Cost
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Required when ordering code 8960 No Bucket

▼ FORK FRAME

<b>Description</b>	<b>Code</b>	<b>Price</b>
No Fork Frame	5840	No Added Cost

76 in (1930mm) Wide Fork Frame, Floating Tine	5770	\$7,994.00
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Requires code 8559 Hydraulic Coupler - JRB 418 Pattern OR code 8561 Hydraulic  
 Coupler - Hi-Vis/ISO Pattern

▼ TINES

<b>Description</b>	<b>Code</b>	<b>Price</b>
No Tines	5940	No Added Cost

Required when ordering code 5840 No Fork Frame

60 in (1524mm) Construction Tines	5875	\$1,250.00
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Requires code 5770 76 in (1930mm) Wide Fork Frame, Floating Tine

72 in (1829mm) Construction Tines	5895	\$1,550.00
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Requires code 5770 76 in (1930mm) Wide Fork Frame, Floating Tine

▼ REAR HITCH AND COUNTERWEIGHTS

<b>Description</b>	<b>Code</b>	<b>Price</b>
Rear Hitch and Counterweight	8220	No Added Cost

Less Rear Hitch and Counterweight	8230	(\$1,053.00)
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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

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

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
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
Quick Fluid Service	9045	\$867.00
Coupling system for Engine Oil, Transmission Fluid, Hydraulic Fluid and Engine Coolant.		

DRIVETRAIN AND COOLING

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

MISCELLANEOUS

Description	Code	Price
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**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

Coating protects exposed unpainted surfaces from road salt during shipment.

▼ **4WD LOADER SIMULATOR**

▼ **ATTACHMENTS FOR FIELD CONVERSION**

F.O.B. Dubuque, Iowa for dealer-installed kits, except where noted. Some of the following kits may require additional parts for a complete installation. Prior to ordering, check the installation instructions by going to [www.johndeereinfo.com](http://www.johndeereinfo.com) and clicking on Library, or by clicking on this Hyperlink ( [Installation Bulletin Search](#) ), and insert the AT number to retrieve the attachment installation instruction bulletin for additional parts.  
 Exception to above note is FRONTIER Dealer Installed Kits.

All attachments are sold as a quantity of one.

<b>Description</b>	<b>Code</b>	<b>Price</b>
<b><u>Buckets Coupler</u></b>		
4 Cu. Yd. Hi-Vis Coupler Bucket w/ Cutting Edge	BYT10575	\$9,286.00
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	\$9,286.00
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	\$9,571.00
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	\$9,857.00

4.5 Cu. Yd. Std. Coupler Bucket w/ Cutting Edge	BYT10582	\$9,857.00
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	\$10,357.00
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	\$10,357.00
120" (3048mm) wide JRB 418 Compatible coupler hook-on Enhanced Production bucket with weld-on Skid Shoes and integrated spill guard		
<b><u>Buckets Pin-on</u></b>		
4.25 Cu. Yd. YD Pin-on Bucket w/ Cutting Edge	BYT10586	\$9,571.00
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	\$9,857.00
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	\$10,357.00
120" (3048mm) wide pin-on Enhanced Production bucket with weld-on Skid Shoes and integrated spill guard.		
<b><u>Couplers</u></b>		
Hydraulic Coupler - Hi-Vis/ISO Pattern	BYT10594	\$6,143.00
For use with Standard and High Lift Z-Bar Linkages		
Hydraulic Coupler - JRB 418 Pattern	BYT10595	\$6,143.00
For use with Standard and High Lift Z-Bar Linkages		
<b><u>Forks</u></b>		
76 in. (1.93 m) Hi-Vis Coupler Fork Frame, Floating Tine w/ (2) 60 in. (1.52 m) Tines	BYT10666	\$7,857.00
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	\$7,050.00
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	\$7,857.00
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	\$7,050.00
Compatible with JRB 418 pattern hook-on coupler.		

**Hydraulics**

<b>3rd Function Hydraulics - High Lift</b>	BYT11839	\$4,245.00
<p>Includes third function hydraulic valve section. Does not include in-cab control function. For use with High Lift Linkage.</p> <p>Kit does not include hoses and will require dealer to manufacture hoses per installation instructions.</p>		
<b>3rd Function Hydraulics - Z-Bar</b>	BYT11838	\$4,245.00
<p>Includes third function hydraulic valve section. Does not include in-cab control function. For use with Z-Bar Linkage.</p> <p>Kit does not include hoses and will require dealer to manufacture hoses per installation instructions.</p>		
<b>3rd Function Plumbing from Boom to Coupler</b>	BYT11836	\$174.00
<p>For use on units with factory 3rd function hydraulics having a coupler added in the field.</p> <p>Kit does not include hoses and will require dealer to manufacture hoses per installation instructions.</p>		
<b>4th Function Hydraulics - High Lift</b>	BYT11841	\$4,245.00
<p>Includes fourth function hydraulic valve section. Does not include in-cab control function. For use with High Lift Linkage.</p> <p>Kit does not include hoses and will require dealer to manufacture hoses per installation instructions.</p>		
<b>4th Function Hydraulics - Z-Bar</b>	BYT11840	\$4,245.00
<p>Includes fourth function hydraulic valve section. Does not include in-cab control function. For use with Z-Bar Linkage.</p> <p>Kit does not include hoses and will require dealer to manufacture hoses per installation instructions.</p>		
<b>5th/6th Function Hydraulics</b>	BYT11892	\$5,155.00
<p>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.</p> <p>For use with Standard Z-bar &amp; High Lift Linkages.</p> <p>Kit does not include hoses and will require dealer to manufacture hoses per installation instructions.</p>		
<b>Attachment Coupler Plumbing Kit - Standard Z-Bar Linkage</b>	BYT11843	\$444.00
<p>For use with field installed Attachment couplers. Includes hydraulic lines from control valve to loader boom cross tube.</p>		
<b>Cable Reinforced Coupler Plumbing kit - Hi-Vis/ISO</b>	BYT11835	\$215.00

Bid Term - 2/22/19 - 2/21/21



Provides plumbing from boom cross tube to the coupler.

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

<b>Cable Reinforced Coupler Plumbing kit - JRB</b>	<b>BYT11834</b>	<b>\$215.00</b>
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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.

<b>Hydraulic Control Valve for Attachment Coupler Locking Pins</b>	<b>BYT11821</b>	<b>\$890.00</b>
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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**

<b>CB Radio Antenna Kit</b>	<b>BYT11300</b>	<b>\$150.00</b>
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Kit includes CB Radio Antenna, Antenna Cable, Mounting Brackets, and Hardware

<b>Joystick Steering</b>	<b>BYT11865</b>	<b>\$5,042.00</b>
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<b>Ride Control Kit</b>	<b>BYT11820</b>	<b>\$4,517.00</b>
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Transmission and Bottom Guards are recommended in applications where underside is vulnerable.

<b>Seat Belt with Minder Switch and External Indicator Light Kit</b>	<b>BYT11857</b>	<b>\$524.00</b>
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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.

<b>Secondary Steering System</b>	<b>BYT11773</b>	<b>\$2,618.00</b>
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### **Overall Vehicle**

<b>24V Aux Electrical Output Kit</b>	<b>BYT11267</b>	<b>\$177.00</b>
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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.

<b>Full Coverage Front and Rear Fenders with Mudflaps</b>	<b>BYT11696</b>	<b>\$2,993.00</b>
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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.

<b>Strobe Beacon with Mounting Brackets</b>	<b>BYT11547</b>	<b>\$467.00</b>
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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.

### **Powertrain & Cooling**

<b>Automatic Reversing Hydraulic Fan</b>	<b>BYT11862</b>	<b>\$1,644.00</b>
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Big Term - 2/22/19 - 2/21/21

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	\$693.00
Coupling system for Engine Oil, Transmission Fluid, Hydraulic Fluid and Engine Coolant.		
Tire Pressure Monitoring System (TPMS)	BYT11856	\$1,727.00