

824 P Wheel Loader



JOHN DEERE

22-Nov-2022

Code	Description	QTY	List Price (USD)
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6090DW	824 P Wheel Loader	1	\$568,967.00
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824 P-Tier Standard Equipment

POWERTRAIN:

5 Speed Transmission with Lock-Up Torque Converter
 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
 Transmission Clutch Disconnect with 4 Selectable Settings
 Transmission 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
 Wheel Spin Control System

COOLING:

Quad-Cool System:
 Heavy Duty, Debris Resistant 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)
 Air Conditioner Condenser
 Coolant Recovery Tank
 Antifreeze, -34F (-37 C)
 Cool-on Demand Swing out Fan
 Automatic Reversing Hydraulic Fan
 Enclosed Fan Safety Guard
 Front and Rear Axle Coolers with Axle Oil Filtration

HYDRAULICS:

2 Function -- 2-Lever Single Axis Electrohydraulic Controls
 Joystick Steering with Lever Mounted FNR Control
 Variable-Displacement, Load-Sensing Axial Piston Steering
 Hydraulic Pump; Closed-Center System
 2 Variable-Displacement, Load-Sensing Axial-Piston Implement Pumps; Closed-Center System
 In Cab Adjustable Automatic Boom Height Kickout/Return To Carry/ Bucket Return To Dig
 Ride Control, Automatic with Monitor Adjustable Speed Settings
 Hydraulic Function Enable/ Disable
 Hydraulic Reservoir with Sight Gauge and Fill Strainer

Operator's Manual Storage Compartment

(2) Inside Rear View Mirrors
 Front and Rear Intermittent Windshield Wiper and Washers
 Left and Right-Side Cab Access
 Slip-Resistant Steps and Ergonomically Located Handholds
 Front Window Washing Platforms
 5000lb Capacity Anchor Point for Fall Arrest Lanyard Tie Off Ring
 CB Radio Ready with CB Mounting Bracket, Power and Antennae Wiring

OVERALL VEHICLE:

Level 1 and Level 2 Sound Package
 (2) Programmable Multi-Function Buttons Located on Hydraulic Implement Controls
 Lift Eyes
 Front and Rear Tie Downs
 Full Coverage Front Fenders
 Cast Bumper with Rear Hitch and 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
 Right and Left Handrails, Platforms and Steps
 Ground Level Fueling (and DEF - FT4 Only)
 Fuel Tank Fill Strainer
 Left and Right Engine Frame Service Steps and Handholds
 Storage Compartment
 Transmission Side Access Guards
 Front and Rear Bottom Guards
 Heavy Duty Fuel Tank Guard

Hydraulic Diagnostic Ports
4000 Hour In-Tank Filter

ELECTRICAL:

24 Volt Electrical System
Solid State Electrical Power Distribution System
150 Amp Alternator
(2) Heavy Duty Batteries - each 1400 Cold Cranking amps/440
minute
Reserve Capacity
Battery Terminal Safety Covers
By-Pass Start Safety Cover at Starter
Lockable Master Electrical Disconnect Switch
Starting Switch with Electric Fuel Shut Off
Pre-wired for Beacon/Strobe Light

Lights:

(1) Engine Compartment Light
(1) LED Coolant Reservoir Illumination Light
(2) Halogen Driving Lights with Guards
(4) Front, (2) Rear Cab and 2-Rear Grille mounted Work Lights
Turn Signals and Flashers
LED Stop and Tail Lights
Horn, Electric
Reverse Warning Alarm
Voltage Converter for 24V to 12V / 30 Amps
Multi-Function 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 (FT4 Only)
Speedometer
Odometer
Outside Temperature
Fuel Consumption Rate
Integrated Cycle Counter with 5 Categories
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
Clock

OPERATOR'S STATION:
 Isolation Mounted ROPS/FOPS Quiet Cab with:
 Air Conditioning, Heater, Defroster and Pressurizer
 Keyless Start with Multiple Security Modes
 Sealed Switch Module with Function Indicators
 Cloth seat with Air Suspension
 Seat Pan Tilt and Extend Adjustment
 Suspension for Weight/Height with Fore-Aft Adjustment
 Vertical and Horizontal 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
 (3) 12 Volt Power Ports
 Front Sun Visor
 Rubber Floor Mat

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DESTINATION AND LANGUAGE

	Destination Code		Basic Factory Options - Required
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0202	United States		No Added Cost
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0203	Puerto Rico		No Added Cost
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0245	Guam		No Added Cost
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	Operator's Manual and Language		Basic Factory Options - Required
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0259	English English language for operator's manual and electronic content		No Added Cost
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0287	Spanish Spanish language for operator's manual and electronic content		No Added Cost
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	Labels		Basic Factory Options - Required
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0351	Translated Text Labels Vehicle labels translated to selected language	No Added Cost
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0352	No Text Labels Vehicle labels will be no text	No Added Cost
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MACHINE CONFIGURATION

Machine Configuration	Basic Factory Options - Required
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0400	Standard Loader	No Added Cost
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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	High Lift Z-BAR Adds 22 inches (570mm) 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.	\$8,474.00
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PACKAGES

Trim Packages	Basic Factory Options - Required
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0601	Level 1 Trim Includes: - Flat Black Exhaust - 15 Amp Converter - Halogen Work and Drive Lights - Standard, Cloth Seat w/ Air Suspension - Less Radio - Less Tire Pressure Monitoring System - Less Rear Sunvisor	No Added Cost
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0602	Level 2 Trim Includes: - Curved Chrome Exhaust - 30 Amp Converter	\$4,904.00
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- Halogen Work and Drive Lights
- Premium, Heated and Ventilated Seat w/ Heavy Duty Air Suspension
- Premium Radio (AM/FM/WB) w/ Bluetooth and Remote Aux/USB Ports
- Tire Pressure Monitoring System
- Rear Sunvisor

0603 Level 3 Trim \$7,102.00

Includes:

- Curved Chrome Exhaust
- 30 Amp Converter
- LED Work and Drive Lights
- Premium, Heated and Ventilated Seat w/ Heavy Duty Air Suspension
- Premium Radio (AM/FM/WB) w/ Bluetooth and Remote Aux/USB Ports
- Tire Pressure Monitoring System
- Rear Sunvisor

Performance Packages

Basic Factory Options - Required

0651 Level 1 Performance No Added Cost

This Package is recommended for machines that will be used on hard packed and well maintained surfaces.

Package includes:

- Locking Front Differential
- Standard Rear Differential
- Axle Cooling
- Manual Diff Lock
- Throttle Lock

0652 Level 2 Performance \$4,702.00

This Package is recommended for machines that will be used in unstable ground conditions and/or for machines that will be used for faceloading materials.

Package includes:

- Locking Front Differential
- Locking Rear Differential
- Axle Cooling
- Auto Diff Lock
- Throttle Lock

COLD WEATHER PACKAGES - ORDER AS DESIRED

Field Installed Attachments - Optional

8500 Cold Weather Package \$989.00

This Package is recommended for machines that will spend extended periods of time working in colder environments

Package includes:

- Ether Start Aid
- 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)

8295 Heated And Powered Exterior Mirrors \$740.00

DEBRIS PACKAGES - ORDER AS DESIRED Field Installed Attachments - Optional

8501 Debris Package \$983.00

This Package is recommended for machines working in dusty or high debris applications.

Package includes:
 - Cab Fresh Air Precleaner

MAINTENANCE AND SERVICE PACKAGES - ORDER AS DESIRED Field Installed Attachments - Optional

8502 Maintenance and Service Package \$7,124.00

Package includes:
 - Autolube
 - Quick Fluid Service w/ Environmental Drain

8098 Fast Fuel System \$863.00

AUXILIARY EQUIPMENT PACKAGES - ORDER AS DESIRED Field Installed Attachments - Optional

8508 Auxiliary Equipment Package \$911.00

Package includes:
 - Beacon Light (Amber)
 - Seat Belt Indicator Beacon Light (Green)
 - Fire Extinguisher
 - Slow Moving Vehicle Emblem
 - License Plate Bracket

OPERATOR'S STATION

VISION SYSTEMS Basic Factory Options - Required

0951 Rear Camera (Primary Display) No Added Cost

Rear camera with display integrated into monitor

0953 **Advanced Vision System** \$6,381.00

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)

Detection System Basic Factory Options - Required

1102 **Advanced Object Detection** \$3,192.00

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.

1100 **Less Detection System** No Added Cost

Steering Systems Basic Factory Options - Required

1601 **Joystick** No Added Cost

Vehicle Steering executed through Joystick mounted on the left armrest (includes FNR on joystick).

* No Steering Wheel will be available if this option is selected.

1602 **Steering Wheel** \$520.00

Vehicle Steering executed through Steering Wheel (includes FNR on steering column).

* No Joystick Steering will be available if this option is selected.

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

8210 **Secondary Steering** \$5,720.00

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

2203 Topcon Payload Scale w/ Cycle Counter \$8,040.00
 Option includes the Topcon Loadmaster Alpha 100 Payload Scale integrated with JDLink™ to track and visualize payload weighing data. System will be installed during machine assembly at the factory. Calibration, service, and support will be provided by the John Deere Dealer.

2204 Topcon Payload Scale & Printer w/ Cycle Counter \$9,496.00
 Option includes the Topcon Loadmaster Alpha 100 Payload Scale integrated with JDLink™ to track and visualize payload weighing data. Option also includes a printer that connects directly into the Topcon display. System will be installed during machine assembly at the factory. Calibration, service, and support will be provided by the John Deere Dealer.

2201 Less Payload Scale w/ Cycle Counter No Added Cost
 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

4067 John Deere 9.0L - FT4/SV No Added Cost
 John Deere PowerTech PSS Engine 9.0L Meets EPA FT4 & EU Stage V Emissions

MAINFRAME/STRUCTURES

Rear Hitch and Counterweights Basic Factory Options - Required

6521 Main Counterweight & Rear Hitch w/ Pin No Added Cost

6520	Less Counterweight & Rear Hitch	(\$3,442.00)
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HYDRAULICS/CONTROLS

Hydraulic Controls	Basic Factory Options - Required
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7025	Single Axis Lever Controls 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.	No Added Cost
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7026	Joystick Controls 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).	\$594.00
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Hydraulic Systems	Basic Factory Options - Required
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7053	Two Function Hydraulics Controls boom and bucket only.	No Added Cost
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7054	Three Function Hydraulics Controls boom, bucket, and adds an auxiliary function (w/ boom lines).	\$4,680.00
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WHEELS/TIRES/TRACKS

Wheels and Tires	Basic Factory Options - Required
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26.5 BIAS PLY

5129	Firestone SRG LD - 26.5-25 L3 20PR Bias Tires w/ 5 PC Rims	\$27,987.00
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5130	Firestone SDT LD - 26.5-25 L5 20PR Bias Tires w/ 5 PC Rims	\$42,099.00
	26.5 RADIAL L3	
5134	Michelin XHA2 - 26.5R25 L3 2-Star Radial Tires w/ 5 PC Rims	\$38,446.00
5131	Bridgestone VJT - 26.5R25 L3 1-Star Radial Tires w/ 5 PC Rims	\$40,526.00
5133	Titan STL3 - 26.5R25 L3 1-Star Radial Tires w/ 5 PC Rims	\$27,435.00
5132	No Brand Preference - 26.5R25 L3 1-Star Radial Tires w/ 5 PC Rims	\$26,395.00
	26.5 RADIAL L4	
5135	Michelin XXXL - 26.5R25 L4 3-Star Radial Tires w/ 5 PC Rims	\$51,059.00
	LOW PROFILE	
5160	Michelin XHA2 - 775/65R29 L3 1-Star Radial Tires w/ 5 PC Rims	\$54,046.00
5159	Bridgestone VTS - 775/65R29 L3 1-Star Radial Tires w/ 5 PC Rims	\$52,137.00
5161	No Brand Preference - 775/65R29 L3 1-Star Radial Tires w/ 5 PC Rims	\$51,201.00

Fenders

Basic Factory Options - Required

5553	Full Coverage Front Fenders w/ Mudflaps	No Added Cost
	Includes:	
	- Full width front fenders	
	- Mudflaps	

5554	Full Coverage Front & Rear Fenders w/ Mudflaps	\$3,629.00
	Includes:	
	- Full width front fenders	
	- Full width rear fenders	
	- Mudflaps	

5555	Roading Fenders Front and Rear	\$3,759.00
	Includes:	
	- Full width front fenders	
	- Full width rear fenders	
	- Mudflaps	
	- Front wiper flaps	

No Tire Brand Preference - Order As Desired	Field Installed Attachments - Optional
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8020	26.5R25 L3 1-STAR RADIAL TIRES w/5 PC RIMS - NO BRAND PREFERENCE	No Added Cost
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8029	775/65R29 L3 1-STAR RADIAL TIRES w/5 PC RIMS - NO BRAND PREFERENCE	No Added Cost
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IMPLEMENTS/ATTACHMENTS

Hydraulic Couplers or Attachment Mounting	Basic Factory Options - Required
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7408	Factory Pin-on Bucket Ready	No Added Cost
	For use when ordering factory installed pin-on buckets.	

7401	Hydraulic Coupler - JRB 420 Pattern	\$11,649.00
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7407	Field Bucket Ready: Pins Only	\$1,976.00
	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.

7406 Field Attachment Ready - Pins And Pin Disconnect Plumbing \$2,392.00
 For use with field installed Attachment couplers
 Includes attachment pins, hydraulic lines from control valve to loader boom cross tube, electric switch, and solenoid valve.

Buckets Basic Factory Options - Required

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

GENERAL MATERIALS

7878 5.00 YD (3.80 CM) Enhanced Performance \$23,048.00
 Bucket includes curved side cutters, integrated center section spill guard, interior/exterior side wear protection (cheek plates), and weld on skid shoes.

7879 5.25 YD (4.00 CM) Enhanced Performance \$23,927.00
 Bucket includes curved side cutters, integrated center section spill guard, interior/exterior side wear protection (cheek plates), and weld on skid shoes.

7882 5.75 YD (4.40 CM) Enhanced Performance \$28,839.00
 Bucket includes curved side cutters, integrated center section spill guard, interior/exterior side wear protection (cheek plates), and weld on skid shoes.

7883 6.00 YD (4.60 CM) Enhanced Performance \$29,837.00
 Bucket includes curved side cutters, integrated center section spill guard, interior/exterior side wear protection (cheek plates), and weld on skid shoes.

7884 6.10 YD (4.70 CM) Enhanced Performance \$25,361.00
 Bucket includes curved side cutters, integrated center section spill guard, interior/exterior side wear protection (cheek plates), and weld on skid shoes.

7885 6.25 YD (4.80 CM) Enhanced Performance \$24,611.00
 Bucket includes curved side cutters, integrated center section spill guard, interior/exterior side wear protection (cheek plates), and weld on skid shoes.

PROCESSED MATERIALS

7887 6.75 YD (5.20 CM) Enhanced Performance \$25,817.00
 Bucket includes curved side cutters, integrated center section spill guard, interior/exterior side wear protection (cheek plates), and weld on skid shoes.

	LESS BUCKET	
7800	Less Bucket	No Added Cost
	Cutting Edges/Segments/Teeth	Basic Factory Options - Required
7458	Bolt-On Cutting Edge	\$2,075.00
7463	Bolt-On JAGZ Cutting Edge	\$3,385.00
7464	Teeth with Segments	\$5,408.00
7465	Less Cutting Edge, Segments, and Teeth	No Added Cost
	Fork Frame	Basic Factory Options - Required
7504	106 Inch (2690mm) Wide Fork Frame	\$13,341.00
7500	Less Fork Frame	No Added Cost
	Fork Tines	Basic Factory Options - Required
7703	72 Inch (1829mm) Construction Tines	\$9,624.00
7704	96 Inch (2438mm) Construction Tines	\$14,802.00

7700 Less Tines No Added Cost

Bucket Attachments - Order As Desired

Field Installed Attachments - Optional

8293 Bucket Guarding Package \$1,775.00
 Adds bucket liner to selected bucket.

Implements/Attachments - Order As Desired

Field Installed Attachments - Optional

8032 Attachment Recognition \$1,019.00
 Enables the machine to recognize asset tracking beacons on any attachment and adjusts the hydraulic settings that were entered for that attachment.

MISCELLANEOUS

Miscellaneous - Order As Desired

Field Installed Attachments - Optional

8082 Electrical Corrosion Prevention Package \$1,482.00
 Preventive corrosion treatment for use in corrosive environments. Preventive corrosion treatment includes dielectric grease for electrical connections and polyurethane-based sealant on exposed terminals.

8101 Finish Paint Less Decals - Translated No Added Cost
 For custom paint.
 Non-Paintable charcoal grey cab roof.
 Decals packaged with machine.
 Safety decals installed.

8039 Non-Export Rust Preventive Coating \$244.00
 Coating protects exposed unpainted surfaces from road salt during shipment.

Miscellaneous

Field Installed Attachments - Optional

AT519021 Attachment Recognition \$1,109.56

Enables Asset Tracking Beacons to allow hydraulic settings to change while swapping attachments for applicable machines.

Software Only Kit to be ordered through Service Parts.

	Operator Environment	Field Installed Attachments - Optional
AT505990	<p>Software, Throttle Lock</p> <p>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.</p> <p>This software can only be purchased through JDPoint. For installation instructions refer to BYT11515 available through the online Bookstore Suggested list price only.</p>	See Parts
BYT11197	<p>Kit, Secondary Steering Parts Kit</p> <p>REQUIRES ORDERING THE APPROPRIATE INSTALLATION INSTRUCTIONS TO ENABLE THE CORRECT SOFTWARE UPDATE FOR THIS FEATURE TO FUNCTION. SEE APPROPRIATE KITS.</p> <p>REQUIRES BYT11195 or BYT11196</p>	\$5,667.00
BYT11194	<p>Kit, Steering Wheel to add or convert to Joystick Steering Parts Kit</p> <p>REQUIRES ORDERING THE APPROPRIATE INSTALLATION INSTRUCTIONS TO ENABLE THE CORRECT SOFTWARE UPDATE FOR THIS FEATURE TO FUNCTION. SEE APPROPRIATE KITS.</p> <p>REQUIRES BYT11191 or BYT11192 or BYT11193</p>	\$8,382.00
BYT11259	<p>24 Volt to 12 Volt - 30 Amp Converter</p>	\$341.00
BYT11191	<p>Kit, Steering Wheel Only To Steering Joystick Only - INSTALLATION INSTRUCTIONS AND SOFTWARE ONLY</p> <p>REQUIRES BYT11194, Kit, Steering Wheel to add or convert to Joystick Steering Parts Kit</p> <p>This kit is only installation instructions and instructions for software update for the loader to enable this feature. AT506141 software must be ordered through JD Point</p>	\$11.00
BYT11588	<p>Satellite Radio Installation Kit</p> <p>Kit includes a Satellite Radio Antenna, Satellite Radio Receiver, Satellite Radio Harness, and mounting brackets to allow the existing radio to receive and play Satellite radio broadcast signals. The kit does not include a Satellite radio subscription and an existing radio is required.</p>	\$382.00
BYT11265	<p>Dedicated 7-inch Rear Camera Display</p> <p>Provides a separate and dedicated 7 inch display monitor for displaying continuous rear view camera imagery and allowing standard monitor to display without interruption.</p>	\$1,527.00
BYT11196	<p>Kit, Secondary Steering For Steering Wheel Only - INSTALLATION INSTRUCTIONS AND SOFTWARE ONLY</p> <p>REQUIRES BYT11197, Kit, Secondary Steering Parts Kit.</p> <p>This kit is only installation instructions and instructions for software update for the loader to enable this feature.</p>	\$11.00

BYT11190	Kit, Joystick Steering to add or convert to Steering Wheel Parts Kit REQUIRES ORDERING THE APPROPRIATE INSTALLATION INSTRUCTIONS TO ENABLE THE CORRECT SOFTWARE UPDATE FOR THIS FEATURE TO FUNCTION. SEE APPROPRIATE KITS. REQUIRES BYT11184 or BYT11188 or BYT11189	\$4,859.00
BYT11192	Kit, Steering Wheel Only To Steering Wheel & Joystick - INSTALLATION INSTRUCTIONS AND SOFTWARE ONLY REQUIRES BYT11194, Kit, Steering Wheel to add or convert to Joystick Steering Parts Kit This kit is only installation instructions and instructions for software update for the loader to enable this feature. AT515876 software to be ordered through JD Point	\$11.00
BYT11188	Kit, Steering Joystick Only To Steering Wheel Only - INSTALLATION INSTRUCTIONS AND SOFTWARE ONLY REQUIRES BYT11190, Kit, Joystick Steering to add or convert to Steering Wheel Parts Kit This kit is only installation instructions and instructions for software update for the loader to enable this feature.	\$11.00
BYT11184	Kit, Steering Joystick Only To Steering Wheel & Joystick - INSTALLATION INSTRUCTIONS AND SOFTWARE ONLY REQUIRES BYT11190, Kit, Joystick Steering to add or convert to Steering Wheel Parts Kit This kit is only installation instructions and instructions for software update for the loader to enable this feature.	\$11.00
BYT11516	FNR to RNF Transmission Direction Control Switch Reversed Pattern Decal This kit provides the in-cab sticker to correctly show the direction of the steering lever, transmission directional control switch on loaders that have the pattern reversed from F-N-R (Forward - Neutral - Reverse) to R-N-F.	\$11.00
BYT11195	Kit, Secondary Steering For Joystick Steering Only - INSTALLATION INSTRUCTIONS AND SOFTWARE ONLY REQUIRES BYT11197, Kit, Secondary Steering Parts Kit. This kit is only installation instructions and instructions for software update for the loader to enable this feature.	\$11.00
BYT11189	Kit, Steering Joystick W/Secondary Steering To Steering Wheel W/ Secondary Steering - INSTALLATION INSTRUCTIONS AND SOFT REQUIRES BYT11190, Kit, Joystick Steering to add or convert to Steering Wheel Parts Kit This kit is only installation instructions and instructions for software update for the loader to enable this feature.	\$11.00
BYT11193	Kit, Wheel W/ Secondary Steering To Joystick W/ Secondary Steering - INSTALLATION INSTRUCTIONS AND SOFTWARE ONLY REQUIRES BYT11194, Kit, Steering Wheel to add or convert to Joystick Steering Parts Kit This kit is only installation instructions and instructions for software update for the loader to enable this feature. AT506141 software must be ordered through JD Point	\$11.00
BYT11503	Premium AM/FM/Weather Band (WB) with Bluetooth, Remote Aux and Remote USB Port Radio	\$789.00
BYT11526	Rear Camera and Rear Object Radar Detection Display shows view behind the machine and provides audible alert. Rear view is displayed in video-enabled color monitor or dedicated color monitor.	\$4,072.00
BYT11527	Rear Camera Only	\$1,007.00

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

BYT11515	Software, Throttle Lock 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.	\$200.00
Powertrain & Cooling		Field Installed Attachments - Optional
AT362998	Automatic Axle Differential Lock (Auto-Diff/Lock)	\$1,581.00
BYT11253	Powered Cab Air Pre-Cleaner Extends cab air filter change intervals	\$878.00
BYT11517	Kit, Engine Block Heater - 9L 120V Includes remote plug-in at rear of loader and associated harnesses.	\$165.00
AT463190	Kit, Fast Fill Fuel For FT4/Stage V or EPA Tier 3/Stage IIIA Engines. 150 gpm fill rate.	\$2,939.00
AT465389	Kit, Ether Start Aid For FT4/Stage V or EPA Tier 3/Stage IIIA Engines Kit does not include Ether canister. Recommended below 10 degrees F (-12 degrees C). Recommend with Engine Block Heater for cold starts below -10 degrees F(-23 C).	\$352.00
BYT10842	Kit, Diesel Fired Coolant Heater For FT4/Stage V or EPA Tier 3/Stage IIIA Engines Includes igniter, timer and coolant circulation pump. Recommended for temperatures below -13 deg. F (-25 deg. C).	\$4,268.00
BYT11492	Kit, Reversible Fan Drive	\$1,803.00
BYT11504	Tire Pressure Monitoring System - 29" Rim Sensor Mounting - Less Sensors Tire Pressure Sensors must be ordered from parts to assure freshest battery life.	\$941.00
BYT11502	Tire Pressure Monitoring System - 25" Rim Sensor Mounting - Less Sensors Tire Pressure Sensors must be ordered from parts to assure freshest battery life.	\$940.00
BYT11531	Kit, Engine Block Heater - 9L 240V	\$285.00

Includes remote plug-in at rear of loader and associated harnesses.

Hydraulics

Field Installed Attachments - Optional

BYT11250	Joystick Controls Conversion to Single Axis Controls (2-Function) To convert from single joystick hydraulic control lever with FNR to 2-Lever single axis controls with steering column FNR lever.	\$1,275.00
BYT11187	Joystick Controls Conversion to Single Axis Controls (3-Function) To convert from single joystick hydraulic control lever with FNR and auxiliary function to 3-Lever single axis controls with steering column FNR lever.	\$1,591.00
BYT11268	3rd Function Single Axis Lever In-cab control lever only for updating units equipped with two-function single axis controls to three-function single axis controls. Not for use with joystick control lever. Does not include hydraulic valve section or any associated plumbing.	\$318.00

Forks

Field Installed Attachments - Optional

BYT10924	KIT, CONSTRUCTION UTILITY FORKS, 72" TINES w/ 106" FRAME JRB 420 Pattern Hook-on Coupler Forks. 106 in (2690mm) Wide Fork Frame. 96 Inch (2438mm) Construction Tines	\$21,111.00
BYT10923	KIT, CONSTRUCTION UTILITY FORKS, 96" TINES w/ 106" FRAME JRB 420 Pattern Hook-on Coupler Forks. 106 in (2690mm) Wide Fork Frame. 72 Inch (1829mm) Construction Tines	\$25,885.00

Bucket Hardware & Accessories

Field Installed Attachments - Optional

AT309138	KIT, BOLT ON SPILL GUARD FOR 6.0 YD PIN-ON BUCKET ONLY For use on 6.0 Cu. Yd. clipped corner buckets. Bolt on Spillguards adds 0.4 cubic yards to Bucket Capacity. Not compatible with Enhanced Production Buckets.	\$1,858.00
AT400169	Teeth with Segments For use on 5.25, 5.5, 6.0, and 6.25 Cu. Yd. Buckets (including Enhanced Production Buckets).	\$6,316.00

Couplers

Field Installed Attachments - Optional

BYT11056	KIT, 744/824 HYDRAULIC COUPLER (JRB 420 PATTERN) - DOES NOT INCLUDE PIN DISCONNECT VALVE	\$10,341.00
	Overall Vehicle	Field Installed Attachments - Optional
AT368286	Slow Moving Vehicle (SMV) Emblem and Bracket For use with IT4/FT4 engines.	\$121.00
AT345202	License Plate Bracket with Light For units with Stage 2 or T3 Engines.	\$189.00
BYT11525	Kit, Rooding Fender, Front Wipers Only - L3 Tires Only These cannot be used with L4 or L5 tires due to increased tire heights. These are intended to reduce spray while traveling forward at high speeds.	\$207.00
BYT11519	Kit, Beacon Bracket Left Beacon Bracket Only - Beacon Not Included	\$196.00
BYT11513	Kit, Autolube - Highlift Deere autolube system integrated with JDLink. Will require field installation at additional cost.	\$5,667.00
BYT11467	KIT, FRONT FENDER EXTENSIONS, 26.5R25, 29.5R25, 775/65R29 TIRES Adds additional length to front fenders to reduce tire spray while traveling at high speeds.	\$1,130.00
BYT11390	KIT, WHEEL CHOCKS & BRACKET Wheel Chocks & Bracket that holds a pair of Checkers Brand (Part Number MC3010) Wheel Chocks. These brackets can be accessed from ground level and are mounted under the platform steps so they are easy for the operator access when getting on and off the machine.	\$1,700.00
BYT11514	Kit, 24V Aux Electrical Output Provides 24V output to allow operation of electrical solenoid valves or other electrical components from the hydraulic controls through the multi-function button.	\$179.00
BYT11520	Kit, Dual Beacon Bracket Left and Right Beacon Brackets Only - Beacon Not Included	\$392.00
BYT11505	Kit, Beacon Single, Orange	\$169.00

BYT11318	Kit, Platform Toe Kicks Adds toe kicks to left and right platforms to meet local requirements.	\$258.00
BYT11509	Kit, Rear Fender Only, 26.5R25 and 775/65R29 Tires Intended for wet applications. Mudflaps may need to be trimmed to higher height or removed if the customer is operating in soft ground conditions to avoid getting ripped off while backing out of holes.	\$2,814.00
BYT11521	Kit, External Seat Belt Indicator Includes Right Beacon bracket and green strobe beacon that indicates if it the seat belt is latched for external awareness. With the machine powered up, the green strobe beacon will flash anytime the belt is latched regardless if it is in park or not.	\$321.00
BYT11389	Kit, Platform Railing Extension To 1M Height Extends left and right platform railings to 1 meter height to meet local requirements. Required in AB and BC Mines.	\$2,827.00
BYT11534	Kit, Quick Service For FT4/Stage V or EPA Tier 3/Stage IIIA Engines Coupling system for Engine Oil, Transmission Fluid, Hydraulic Fluid and Engine Coolant.	\$700.00
<p>G.R.Mfg. Field Installed Attachments - Optional</p> <p>G.R. Manufacturing, Inc. * Kits listed below must be ordered through John Deere. * F.O.B. Trussville, Alabama * All kits include installation instructions * All warranty, repair parts, technical support and assistance, and sales support and assistance will be the responsibility of G.R. Manufacturing, Inc., and will be handled directly between the Dealer and G.R. Manufacturing, Inc.</p> <p>G.R. Manufacturing, Inc. 4800 Commerce Drive Trussville, Alabama 35173 Phone: (800)841-8001 Fax: (205)655-8005</p>		
BYT11354	Deflectors, Tires, Rear For all engine emissions. Required for rear axle when equipped with foam filled or solid tires. Monitor to be reprogrammed to block 4th gear. Recommend code 8130 to deduct main counterweight and rear hitch on new machine orders.	\$11,686.00
BYT11352	Cab Side And Rear Screen Package Polycarbonate side window guards, screen rear window guard.	\$6,556.00
BYT11346	Articulation Joint Guards Protects center pivot area. Recommended for trash handling, brush clearing, & recycling.	\$2,671.00
BYT11347	Axle Seal Guards For all engine emissions.	\$2,387.00

BYT11353	Heavy-Duty Rear Grille Guard Requires Deflectors, Tires, Rear	\$7,491.00
BYT11348	Hydraulic Operated Extreme Service Bottom Guards For all engine emissions.	\$9,669.00
BYT11350	Boom Cylinder Hydraulic Line And Cavity Guards For all engine emissions.	\$4,446.00
BYT11351	Front Screen, Laser Cut Plate, Cab, ISO 8084 Certified Front Screen will fully open to facilitate cleaning.	\$3,830.00
BYT11349	Extreme Duty Cab Entry Step Kit Replaces left hand platform with close mounted steps that are less susceptible to damage	\$2,537.00
BUCKETS		
Buckets & Bucket Wear Components		Field Installed Attachments - Optional
BYT10102	6.25 Cu. Yd. (4.8 Cu. M.) Enhanced Production General Purpose Bucket without Wear Plates. No Ground Engaging Tools Installed. Updated bucket profile for easier loading. Curved profile side cutters for improved material retention. Includes exterior side wear protection (cheek plate), integrated spill deflector, and replaceable bushed static joints. Does not allow installation of bolt on spillguard. Has provisions for lower side cutter protection guard, available through Dealer Parts.	\$23,201.00
BYT10104	6.75 Cu. Yd. (5.2 Cu. M.) Enhanced Production General Purpose Bucket without Wear Plates. No Ground Engaging Tools Installed. Updated bucket profile for easier loading. Curved profile side cutters for improved material retention. Includes exterior side wear protection (cheek plate), integrated spill deflector, and replaceable bushed static joints. Does not allow installation of bolt on spillguard. Has provisions for lower side cutter protection guard, available through Dealer Parts.	\$24,417.00
BYT10866	KIT, 5.75 CU YD STD COUPLER (HOOK-ON) BUCKET Enhanced Production GP JRB 420 Pattern Coupler Bucket. Curved profile side cutters for improved material retention. Includes exterior side wear protection (cheek plate) and integrated spill deflector. Does not allow installation of bolt on spillguard. Has provisions for lower side cutter protection guard, available through Dealer Parts	\$29,131.00
BYT10864	KIT, 5.0 CU YD STD COUPLER BUCKET KIT Enhanced Production GP JRB 420 Pattern Coupler Bucket. Curved profile side cutters for improved material retention. Includes exterior side wear protection (cheek plate) and integrated spill deflector. Does not allow installation of bolt on spillguard. Has provisions for lower side cutter protection guard, available through Dealer Parts	\$24,511.00
AT346234	KIT, 4.5M (6YD) PIN-ON BUCKET 6.00 Cu. Yd. (4.6 cm) General Purpose Bucket Includes Skid Shoes, No Bolt-On Cutting Edges and Side Cutters (for Units made after 26NOV07).	\$25,924.00

BYT10105	6.75 Cu. Yd. (5.2 Cu. M.) Enhanced Production General Purpose Bucket with Wear Plates. No Ground Engaging Tools Installed. Updated bucket profile for easier loading. Curved profile side cutters for improved material retention. Includes interior and exterior side wear protection (cheek plates), bucket liner, integrated spill deflector, and replaceable bushed static joints. Does not allow installation of bolt on spillguard. Has provisions for lower side cutter protection guard, available through Dealer Parts.	\$26,503.00
BYT10865	KIT, 5.25 CU YD STD COUPLER BUCKET KIT Enhanced Production GP JRB 420 Pattern Coupler Bucket. Curved profile side cutters for improved material retention. Includes exterior side wear protection (cheek plate) and integrated spill deflector. Does not allow installation of bolt on spillguard. Has provisions for lower side cutter protection guard, available through Dealer Parts	\$26,051.00
BYT10103	6.25 Cu. Yd. (4.8 Cu. M.) Enhanced Production General Purpose Bucket with Wear Plates. No Ground Engaging Tools Installed. Updated bucket profile for easier loading. Curved profile side cutters for improved material retention. Includes interior and exterior side wear protection (cheek plates), bucket liner, integrated spill deflector, and replaceable bushed static joints. Does not allow installation of bolt on spillguard. Has provisions for lower side cutter protection guard, available through Dealer Parts.	\$25,284.00
BYT10123	Wear Plates for 6.25 & 6.75 Cu. Yd. Enhanced Production Buckets	\$4,209.00
AT314301	KIT, HEAVY CUTTING EDGE Bolt On Cutting Edge for 5.0, 5.25, 5.5, 5.75, 5.85, 6.0, 6.25, and 6.75 Cu. Yd. Buckets (including Enhanced Production Buckets)	\$3,133.00
BYT10867	KIT, 6.0 CU YD STD COUPLER (HOOK-ON)BUCKET Enhanced Production GP JRB 420 Pattern Coupler Bucket. Curved profile side cutters for improved material retention. Includes exterior side wear protection (cheek plate) and integrated spill deflector. Does not allow installation of bolt on spillguard. Has provisions for lower side cutter protection guard, available through Dealer Parts	\$29,772.00
HYDRAULICS		
Hydraulics		Field Installed Attachments - Optional
BYT11500	Kit, 3rd Function Hydraulics, Does Not Include Controls Includes third function hydraulic valve section. Does not include in-cab control function. Kit does not include hoses and will require dealer to manufacture hoses per installation instructions	\$3,445.00
BYT11529	Single Axis Controls Conversion to Joystick Controls (4 Function) To convert from 2 or 3-Lever single axis controls to single joystick hydraulic control lever with FNR and integrated auxiliary function rollers for 4 functions. Kit only updates in-cab controls and does not include valve sections or plumbing.	\$1,559.00
BYT11543	Single Axis Controls Conversion to Joystick Controls (2 or 3-Function)	\$1,253.00

To convert from 2 or 3-Lever single axis controls to single joystick hydraulic control lever with integrated auxiliary function roller.

BYT11530 Joystick Controls (2 or 3 function) Conversion to Joystick Controls (4 Function) \$1,212.00

To convert from single joystick hydraulic control lever and one integrated auxiliary function roller (2 or 3 function) to single joystick hydraulic control lever and two integrated auxiliary function rollers for 4-functions.

Kit only updates in-cab controls and does not include valve sections or plumbing.

BYT11512 Kit, Autolube - Std \$5,667.00

Deere autolube system integrated with JDLink. Will require field installation at additional cost.

BYT11498 Kit, Pin Disconnect System - - Hydraulic Control System for Quick Coupler Locking Pins \$1,497.00

BYT10643 Kit, 4th Function Hydraulics, Does Not Include Controls \$3,879.00

Includes 4th function hydraulic valve section and plumbing from valve to boom cross tube.

Not for use with single axis control levers. Requires joystick control lever.

Does not include in-cab control function.

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

PAYLOAD SCALE

Payload Scale

Field Installed Attachments - Optional

BYT11545 John Deere Payload Scale Kit \$7,929.00

Kit includes the Topcon Loadmaster Alpha 100 Payload Scale integrated with JDLink to track and visualize payload weighing data. This scale kit fits only the 744L, 824L, and 844L (including Aggregate Handler) models only. Printer is available as a separate field kit.

Calibration, service, and support will be provided by the John Deere Dealer.

BYT11837 John Deere Payload Printer \$1,414.00

For TopCon Alpha 100 Payload Scale

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.