

744 P Wheel Loader



JOHN DEERE

22-Nov-2022

Code	Description	QTY	List Price (USD)
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6080DW	744 P Wheel Loader	1	\$540,339.00
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744 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

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
Lockable Master Electrical Disconnect Switch
Battery Terminal Safety Covers
By-Pass Start Safety Cover at Starter
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
 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:

(2) Programmable Multi-Function Buttons Located on
 Hydraulic Implement Controls
 Level 1 Sound Package
 Lift Eyes
 Front and Rear Tie Downs
 Full Coverage Front Fenders
 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
 Heavy Duty Fuel Tank Guard
 Less Tires and Wheels

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DESTINATION AND LANGUAGE

Destination Code Basic Factory Options - Required

0202 United States No Added Cost

0203 Puerto Rico No Added Cost

Operator's Manual and Language Basic Factory Options - Required

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

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

Labels Basic Factory Options - Required

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

0352 No Text Labels No Added Cost
 Vehicle labels will be no text

MACHINE CONFIGURATION

Machine Configuration Basic Factory Options - Required

0400 Standard Loader No Added Cost

0401 Waste Handler No Added Cost
 The Waste Handler Package is a recommended configuration for loaders going into waste, scrap, or recycling applications. Additional guarding and options can be found in the G.R. Mfg. range

- Less Rear Sunvisor

0602	Level 2 Trim	\$4,904.00
	Includes:	
	- Curved Chrome Exhaust	
	- 30 Amp Converter	
	- 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
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DEBRIS PACKAGES - ORDER AS DESIRED

Field Installed Attachments - Optional

8501	Debris Package	\$983.00
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This Package is recommended for machines working in dusty or high debris applications.

- Package includes:
- Cab Fresh Air Precleaner

8505	Guards - Transmission & Bottom	\$2,555.00
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MAINTENANCE AND SERVICE PACKAGES - ORDER AS DESIRED

Field Installed Attachments - Optional

8502	Maintenance and Service Package	\$7,124.00
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- Package includes:
- Autolube
 - Quick Fluid Service w/ Environmental Drain

8098	Fast Fuel System	\$863.00
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AUXILIARY EQUIPMENT PACKAGES - ORDER AS DESIRED

Field Installed Attachments - Optional

8508	Auxiliary Equipment Package	\$911.00
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- 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)

HYDRAULICS/CONTROLS

Hydraulic Controls

Basic Factory Options - Required

7025 Single Axis Lever Controls No Added Cost

Provides an individual hydraulic function control lever for the boom, bucket, and aux functions (if equipped).

* Only available for 2 function and 3 function hydraulics.

7026 Joystick Controls \$594.00

Provides a single lever (joystick) control for the boom and the bucket.

Optional 3rd and 4th functions are controlled with proportional thumb rollers integrated in the joystick handle (If equipped for applicable models).

Hydraulic Systems

Basic Factory Options - Required

7053 Two Function Hydraulics No Added Cost

Controls boom and bucket only.

7054 Three Function Hydraulics \$4,680.00

Controls boom, bucket, and adds an auxiliary function (w/ boom lines).

WHEELS/TIRES/TRACKS

Wheels and Tires

Basic Factory Options - Required

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
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26.5 RADIAL L3

5134	Michelin XHA2 - 26.5R25 L3 2-Star Radial Tires w/ 5 PC Rims	\$38,446.00
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5131	Bridgestone VJT - 26.5R25 L3 1-Star Radial Tires w/ 5 PC Rims	\$40,526.00
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5133	Titan STL3 - 26.5R25 L3 1-Star Radial Tires w/ 5 PC Rims	\$27,435.00
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5132	No Brand Preference - 26.5R25 L3 1-Star Radial Tires w/ 5 PC Rims	\$26,395.00
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26.5 RADIAL L4

5135	Michelin XTXL - 26.5R25 L4 3-Star Radial Tires w/ 5 PC Rims	\$51,059.00
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LOW PROFILE

5160	Michelin XHA2 - 775/65R29 L3 1-Star Radial Tires w/ 5 PC Rims	\$54,046.00
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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
	LESS WHEELS AND TIRES	
5100	Less Wheels And Tires	No Added Cost
5172	Less Wheels, Tires And TPMS	(\$1,768.00)
5136	Rims Less Tires - 26.5R25 w/ 5 PC Rims	\$13,371.00
5173	Rims Less Tires And TPMS - 26.5R25 w/ 5 PC Rims	\$13,371.00
	Fenders	Basic Factory Options - Required
5553	Full Coverage Front Fenders w/ Mudflaps Includes: - Full width front fenders - Mudflaps	No Added Cost
5554	Full Coverage Front & Rear Fenders w/ Mudflaps Includes: - Full width front fenders - Full width rear fenders - Mudflaps	\$3,629.00
5555	Roading Fenders Front and Rear Includes: - Full width front fenders - Full width rear fenders - Mudflaps - Front wiper flaps	\$3,759.00

5550	Less Fenders And Rear Platforms	(\$468.00)
	Intended for severe applications like Wastehandling where fenders can be damaged.	

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
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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.	

7880	5.50 YD (4.20 CM) Enhanced Performance	\$22,237.00
	Bucket includes curved side cutters, integrated center section spill guard, interior/exterior side wear protection (cheek plates), and weld on skid shoes.	

PROCESSED MATERIALS

7881	5.85 YD (4.50 CM) Enhanced Performance	\$24,144.00
	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
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Cutting Edges/Segments/Teeth	Basic Factory Options - Required
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7458	Bolt-On Cutting Edge	\$2,075.00
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7463	Bolt-On JAGZ Cutting Edge	\$3,385.00
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7464	Teeth with Segments	\$5,408.00
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7465	Less Cutting Edge, Segments, and Teeth	No Added Cost
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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 Software, Throttle Lock See Parts
 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.
 This software can only be purchased through JDPoint.
 For installation instructions refer to BYT11515 available through the online Bookstore
 Suggested list price only.

BYT11197 Kit, Secondary Steering Parts Kit \$5,667.00
 REQUIRES ORDERING THE APPROPRIATE INSTALLATION INSTRUCTIONS TO ENABLE THE CORRECT SOFTWARE UPDATE FOR THIS FEATURE TO FUNCTION. SEE APPROPRIATE KITS.
 REQUIRES BYT11195 or BYT11196

BYT11195 Kit, Secondary Steering For Joystick Steering Only - INSTALLATION INSTRUCTIONS AND SOFTWARE ONLY \$11.00
 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.

BYT11188 Kit, Steering Joystick Only To Steering Wheel Only - INSTALLATION INSTRUCTIONS AND SOFTWARE ONLY \$11.00

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.

BYT11588	Satellite Radio Installation Kit	\$382.00
	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.	
BYT11265	Dedicated 7-inch Rear Camera Display	\$1,527.00
	Provides a separate and dedicated 7 inch display monitor for displaying continuous rear view camera imagery and allowing standard monitor to display without interruption.	
BYT11259	24 Volt to 12 Volt - 30 Amp Converter	\$341.00
BYT11196	Kit, Secondary Steering For Steering Wheel Only - INSTALLATION INSTRUCTIONS AND SOFTWARE ONLY	\$11.00
	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.	
BYT11190	Kit, Joystick Steering to add or convert to Steering Wheel Parts Kit	\$4,859.00
	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	
BYT11191	Kit, Steering Wheel Only To Steering Joystick Only - INSTALLATION INSTRUCTIONS AND SOFTWARE ONLY	\$11.00
	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	
BYT11189	Kit, Steering Joystick W/Secondary Steering To Steering Wheel W/ Secondary Steering - INSTALLATION INSTRUCTIONS AND SOFT	\$11.00
	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.	
BYT11194	Kit, Steering Wheel to add or convert to Joystick Steering Parts Kit	\$8,382.00
	REQUIRES ORDERING THE APPROPRIATE INSTALLATION INSTRUCTIONS TO ENABLE THE CORRECT SOFTWARE UPDATE FOR THIS FEATURE TO FUNCTION. SEE APPROPRIATE KITS. REQUIRES BYT11191 or BYT11192 or BYT11193	
BYT11192	Kit, Steering Wheel Only To Steering Wheel & Joystick - INSTALLATION INSTRUCTIONS AND SOFTWARE ONLY	\$11.00
	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	
BYT11193	Kit, Wheel W/ Secondary Steering To Joystick W/ Secondary Steering - INSTALLATION INSTRUCTIONS AND SOFTWARE ONLY	\$11.00

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

BYT11516 FNR to RNF Transmission Direction Control Switch Reversed Pattern Decal \$11.00

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.

BYT11184 Kit, Steering Joystick Only To Steering Wheel & Joystick - INSTALLATION INSTRUCTIONS AND SOFTWARE ONLY \$11.00

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.

BYT11526 Rear Camera and Rear Object Radar Detection \$4,072.00

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

BYT11503 Premium AM/FM/Weather Band (WB) with Bluetooth, Remote Aux and Remote USB Port Radio \$789.00

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 \$200.00

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.

Powertrain & Cooling

Field Installed Attachments - Optional

BYT11253 Powered Cab Air Pre-Cleaner \$878.00

Extends cab air filter change intervals

AT463190 Kit, Fast Fill Fuel \$2,939.00

For FT4/Stage V or EPA Tier 3/Stage IIIA Engines.
150 gpm fill rate.

AT465389 Kit, Ether Start Aid \$352.00

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).

AT362998 Automatic Axle Differential Lock (Auto-Diff/Lock) \$1,581.00

BYT11517	Kit, Engine Block Heater - 9L 120V Includes remote plug-in at rear of loader and associated harnesses.	\$165.00
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
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
BYT11492	Kit, Reversible Fan Drive	\$1,803.00
BYT11531	Kit, Engine Block Heater - 9L 240V Includes remote plug-in at rear of loader and associated harnesses.	\$285.00
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
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
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
Forks		Field Installed Attachments - Optional
BYT10924	KIT, CONSTRUCTION UTILITY FORKS, 72" TINES w/ 106" FRAME	\$21,111.00

JRB 420 Pattern Hook-on Coupler Forks. 106 in (2690mm) Wide Fork Frame. 96 Inch (2438mm) Construction Tines

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
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Bucket Hardware & Accessories Field Installed Attachments - Optional

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
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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
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Couplers Field Installed Attachments - Optional

BYT11056	KIT, 744/824 HYDRAULIC COUPLER (JRB 420 PATTERN) - DOES NOT INCLUDE PIN DISCONNECT VALVE	\$10,341.00
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Overall Vehicle Field Installed Attachments - Optional

AT345202	License Plate Bracket with Light For units with Stage 2 or T3 Engines.	\$189.00
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AT368286	Slow Moving Vehicle (SMV) Emblem and Bracket For use with IT4/FT4 engines.	\$121.00
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BYT11520	Kit, Dual Beacon Bracket Left and Right Beacon Brackets Only - Beacon Not Included	\$392.00
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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
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BYT11390	KIT, WHEEL CHOCKS & BRACKET	\$1,700.00
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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.

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
BYT11505	Kit, Beacon Single, Orange	\$169.00
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
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
BYT11525	Kit, Roading 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
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
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
BYT11318	Kit, Platform Toe Kicks Adds toe kicks to left and right platforms to meet local requirements.	\$258.00
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

G.R.Mfg. Field Installed Attachments - Optional

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.

G.R. Manufacturing, Inc.
 4800 Commerce Drive
 Trussville, Alabama 35173
 Phone: (800)841-8001
 Fax: (205)655-8005

BYT11349	<p>Extreme Duty Cab Entry Step Kit</p> <p>Replaces left hand platform with close mounted steps that are less susceptible to damage</p>	\$2,537.00
BYT11350	<p>Boom Cylinder Hydraulic Line And Cavity Guards</p> <p>For all engine emissions.</p>	\$4,446.00
BYT11352	<p>Cab Side And Rear Screen Package</p> <p>Polycarbonate side window guards, screen rear window guard.</p>	\$6,556.00
BYT11353	<p>Heavy-Duty Rear Grille Guard</p> <p>Requires Deflectors, Tires, Rear</p>	\$7,491.00
BYT11345	<p>744L Standard Waste Handler Package</p> <p>Recommended for use in waste, scrap, or recycling applications.</p> <p>FOB Davenport, Iowa, dealer is responsible for freight of unit from factory to Trussville, Alabama, and freight from Trussville to final destination.</p> <p>Package includes the following:</p> <ul style="list-style-type: none"> Axle Seal Guards Boom Cylinder Hydraulic Line & Cavity Guards Bucket Cylinder Hydraulic Line/Rod/Sensor Guard Articulation Joint Guards Extreme Duty Cab Entry Step 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 	\$44,739.00
BYT11348	<p>Hydraulic Operated Extreme Service Bottom Guards</p> <p>For all engine emissions.</p>	\$9,669.00
BYT11347	<p>Axle Seal Guards</p>	\$2,387.00

For all engine emissions.

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
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BYT11351	Front Screen, Laser Cut Plate, Cab, ISO 8084 Certified Front Screen will fully open to facilitate cleaning.	\$3,830.00
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BYT11346	Articulation Joint Guards Protects center pivot area. Recommended for trash handling, brush clearing, & recycling.	\$2,671.00
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BUCKETS

Buckets & Bucket Wear Components

Field Installed Attachments - Optional

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
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BYT10107	KIT, 5.5 CU YD PIN-ON BUCKET w/ WEAR PLATES 5.5 Cu. Yd. (4.2 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.	\$22,886.00
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BYT10122	KIT, WEAR PLATE Wear Plates for 5.5 & 5.85 Cu. Yd. Enhanced Production Buckets	\$4,209.00
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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
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AT347010	KIT, BOLT ON SPILL GUARD FOR 5.25 YD PIN-ON BUCKET ONLY For use on 5.25 clipped corner buckets. Bolt on Spillguards adds 0.4 cubic yards to Bucket Capacity. Not compatible with Enhanced Production Buckets.	\$1,993.00
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BYT10108	KIT, 5.85 CU YD PIN-ON BUCKET w/o WEAR PLATES	\$22,729.00
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5.85 Cu. Yd. (4.5 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.

BYT10864	KIT, 5.0 CU YD STD COUPLER BUCKET KIT	\$24,511.00
	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	

BYT10106	KIT, 5.5 CU YD PIN-ON BUCKET w/o WEAR PLATES	\$20,799.00
	5.5 Cu. Yd. (4.2 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	

BYT10109	KIT, 5.85 CU YD PIN-ON BUCKET w/ WEAR PLATES	\$24,814.00
	5.85 Cu. Yd. (4.5 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 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.	

HYDRAULICS

Hydraulics

Field Installed Attachments - Optional

BYT10172	High-Altitude Hydraulic Kit	\$626.00
	For use at high altitudes to improve hydraulic performance by pressurizing the hydraulic tank. For use above 10,000 feet. For use with Stage 2, Tier 3, or IT4 Engines.	

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.	

BYT11529	Single Axis Controls Conversion to Joystick Controls (4 Function)	\$1,559.00
	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.	

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.	

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 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.	\$3,879.00
BYT11512	Kit, Autolube - Std Deere autolube system integrated with JDLink. Will require field installation at additional cost.	\$5,667.00
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
PAYLOAD SCALE		
	Payload Scale	Field Installed Attachments - Optional
BYT11837	John Deere Payload Printer For TopCon Alpha 100 Payload Scale	\$1,414.00
BYT11545	John Deere Payload Scale Kit 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.	\$7,929.00

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