



JOHN DEERE

Current Date 01Nov2018

824K-II LOADER

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 3 Selectable Settings 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, Trash Resistant High Ambient Cooling Package 2 Side access to all Coolers Cooling System

*100 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 (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 / 8 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 /

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 Dome and Reading Light 12 Volt Power Port Sun Visor Radio Ready Rubber Floor Mat Tilt Steering Column Textured Steering Wheel with Spinner Knob Operator's Manual Storage Compartment (2) Outside and (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

OVERALL VEHICLE:

Level 1 and Level 2 Sound Package NeverGrease: Rear Axle Oscillation Steering Cylinder Joints optional 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

isolated from Engine Compartment	Direction Indicator	Right and Left Handrails, Platforms and Steps
Engine Radiator	Hour Meter	
Integral Engine Oil Cooler	Fuel Level	Fluid Sampling Ports for Engine, Transmission, Hydraulic, Axles Oils and Engine Coolant
Hydraulic Oil Cooler (Oil to Air)	DEF Level (FT4 Only)	Environmental Drains with Hoses for Engine, Transmission, Hydraulic Oils and Engine Coolant
Transmission Oil Cooler (Oil to Air)	Speedometer	Ground Level Fueling (and DEF - FT4 Only)
Charge Air Cooler (Air to Air)	Odometer	Fuel Tank Fill Strainer
Coolant Recovery Tank	Outside Temperature	Left and Right Engine Frame Service Steps and Handholds
Antifreeze, -34F (-37 C)	Fuel Consumption Rate	Storage Compartment
Cool-on Demand Swing out Fan	Integrated Cycle Counter with 5 Categories	Transmission Side Access Guards
Enclosed Fan Safety Guard	INDICATOR LIGHTS for Standard and Selected Options	Front and Rear Bottom Guards
Front and Rear Axle Coolers with Axle Oil Filtration	INDICATOR LIGHTS FOR Amber Caution and Red Stop	Heavy Duty Fuel Tank Guard
	OPERATOR WARNING MESSAGES	Less Tires and Wheels
	BUILT-IN DIAGNOSTICS: Diagnostic Code Details	
HYDRAULICS: Load Sensing Hydraulic System	Sensor Values	
2 Function -- 2-Lever Fingertip Control and Steering Column FNR Ride Control,	Calibrations	
Automatic with Monitor Adjustable Speed Settings	Individual Circuit Tester	
Automatic Return to Dig	MENU DISPLAY: Codes	
In Cab Adjustable Automatic Boom	Machine Settings	
Height Kickout / Return To Carry Hydraulic Function	Diagnostics	
Enable/ Disable Hydraulic Reservoir with Sight Gauge and Fill Strainer	Monitor Settings	
Hydraulic Diagnostic Ports	Clock	
4000 Hour In-Tank Filter	OPERATOR'S STATION:	
	Isolation Mounted	
	ROPS/FOPS Quiet Cab with:	
	Air Condition, Heater, Defroster and Pressurizer	
	Keyless Start with Multiple Security Modes	
	Sealed Switch Module with Function Indicators	
ELECTRICAL: 24 Volt Electrical System	Seat with Back Rest Extension, Deep Foam, Fabric Cover,	
Solid State Electrical Power Distribution System	Adjustable Air	

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
824K-II LOADER	7690T	\$426,814.00

▼ GATHERING GROUP CONFIGURATIONS

Description	Code	Price
Standard Gathering Group	0810	No Added Cost

▼ OPERATOR'S MANUAL AND DECALS

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

▼ ENGINE

Description	Code	Price
John Deere PowerTech PSS	0924	\$50,800.00

13.5L meets EPA FT4 and EU Stage IV Emissions (333 Net Peak hp)
 For use only in areas where EPA Final Tier 4/EU Stage IV is required.

Turbocharged, Charge Air Cooled
 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 MEUI 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
 Engine Compartment Light
 Remote Jump Starting Lugs
 Automatic Engine Cool-down Timer

▼ ENGINE FAN DRIVE

Description	Code	Price
Standard Fan Drive	1510	No Added Cost
Automatic Reversing Hydraulic Fan	1520	\$1,755.00

Air Intake is standard.

▼ EXHAUST

Description	Code	Price
Engine Exhaust with Flat Black Curved Stack	1310	No Added Cost
Engine Exhaust with Chrome Curved Stack	1330	\$344.00

▼ FUEL FILTRATION AND FAST FILL

Description	Code	Price
Standard Fuel Filter & Water Separator	1610	No Added Cost
Standard Fuel Filters and Water Separator with Fast Fill	1630	\$830.00

▼ ALTERNATOR

Description	Code	Price
130 amp Alternator	1215	\$585.00
For use with FT4 Engine code 0924.		

▼ CONVERTER

Description	Code	Price
24 Volt to 12 Volt - 8 Amp Converter	2708	No Added Cost
24 Volt to 12 Volt - 15 Amp Converter	2715	\$115.00
24 Volt to 12 Volt - 30 Amp Converter	2730	\$265.00

▼ LIGHTING

Description	Code	Price
Halogen Work and Drive Lights	7110	No Added Cost
Incandescent Front Turn and Marker Lights LED Rear Turn and Marker Lights		
Halogen Work and Drive Lights	7120	\$257.00
LED Front Turn/Marker & Rear Turn/Brake Lights		
Premium LED Work and Drive Lights	7140	\$2,114.00
All exterior machine lights are LED LED Front Turn/Marker & Rear Turn/Brake Lights		

▼ 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.

Description	Code	Price
26.5R25 L3 Radial Tires with 5 Piece Rims		
No Brand Preference	4920	\$25,380.00
Michelin XHA2 Two Star	4811	\$36,967.00
Titan STL3 Single Star	4813	\$26,380.00

Bridgestone VJT Single Star	4815	\$38,967.00
<u>26.5R25 L4 Radial Tires with 5 Piece Rims</u>		
Michelin XTXL Three Star	4816	\$49,095.00
<u>Other Tire Options</u>		
26.5-25 20PR L3 SRG Firestone Bias Tires with 5 pc. Rims	4712	\$26,911.00
26.5-25 20PR L5 Firestone Bias Tires with 5 pc. Rims	4722	\$33,250.00
<u>29.5R25 L3 Radial Tires with 5 Piece Rims</u>		
Michelin XHA2 Two Star	5011	\$46,895.00
Reduces dig below ground due increased tire height of 2.8 inches.		

▼ TIRE PRESSURE MONITORING

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

▼ FENDERS

Description	Code	Price
Fenders	5540	No Added Cost
Full Coverage Front Fenders		
Fenders	5550	\$3,489.00
Full Front and Rear Fenders For Muddy Applications		

▼ LINKAGE CONFIGURATION

Description	Code	Price
Standard Z-BAR	2010	No Added Cost
Z-BAR with Standard Greased Pin Joints		
High Lift Z-BAR	2020	\$8,107.00
Z-BAR High Lift Linkage with Standard Greased Pin Joints Adds 13.40 inches (341mm) height to bucket hinge pin, fully raised.		

▼ WORK TOOLS

Capacity rating is with auxiliary cutting edge or teeth with segments installed.

Description	Code	Price
Bucket Pins Only - Less Bucket and Coupler	8550	\$1,195.00

The pins provided are designed and intended for use in installing Deere provided 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.
When installing attachments that are heavier than 7075lbs (standard z-bar) or 6000lbs (high lift), it is strongly recommended field kit

AT367140 be installed. This field kit allows control over the dump speed and protects the linkage components from damage with large attachments.

Buckets

Capacity rating is with auxiliary cutting edge or teeth with segments installed.

6.0 Cu. Yd. (4.6 Cu. M.) General Purpose Bucket with Skid Shoes and Bolt-on Cutting Edge	8904	\$17,254.00
Straight side cutters. Bolt on spill sheet can be installed - see options below. Includes exterior side wear protection (cheek plate). Does not include the integrated spill deflector, replaceable bushed static joints, nor provisions for side cutter protection guards.		
6.0 Cu. Yd. (4.6 Cu. M.) General Purpose Bucket with Skid Shoes, Teeth and Segmented Cutting Edge Between Teeth	8906	\$18,329.00
Straight side cutters. Bolt on spill sheet can be installed - see options below. Includes exterior side wear protection (cheek plate). Does not include the integrated spill deflector, replaceable bushed static joints, nor provisions for side cutter protection guards.		
6.0 Cu. Yd. (4.6 Cu. M) General Purpose Bucket with Skid Shoes and JAGZ(TM) Cutting Edges	8909	\$17,292.00
Straight side cutters. Bolt on spill sheet can be installed - see options below. Includes exterior side wear protection (cheek plate). Does not include the integrated spill deflector, replaceable bushed static joints, nor provisions for side cutter protection guards.		
6.25 Cu. Yd (4.8 Cu. M.) Enhanced Production General Purpose Bucket with Bolt-on Cutting Edge without Wear Plates	8910	\$16,800.00
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.		
6.25 Cu. Yd (4.8 Cu. M.) Enhanced Production General Purpose Bucket with Teeth and Segments without Wear Plates	8911	\$18,300.00
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.		
6.25 Cu. Yd (4.8 Cu. M.) Enhanced Production General Purpose Bucket with JAGZ(TM) Cutting Edge without Wear Plates	8912	\$17,150.00
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.		
6.75 Cu. Yd (5.2 Cu. M.) Enhanced Production Material Handling Bucket with Bolt-on Cutting Edge without Wear Plates	8918	\$17,530.00

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.

6.75 Cu. Yd (5.2 Cu. M.) Enhanced Production Material Handling Bucket with JAGZ(TM) Cutting Edge without Wear Plates	8920	\$17,880.00
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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.

Wear Plated Buckets

6.25 Cu. Yd (4.8 Cu. M.) Enhanced Production General Purpose Bucket with Wear Plates and Bolt-on Cutting Edge	8913	\$18,050.00
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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.

6.25 Cu. Yd (4.8 Cu. M.) Enhanced Production General Purpose Bucket with Wear Plates and Teeth and Segments	8915	\$19,550.00
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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.

6.25 Cu. Yd (4.8 Cu. M.) Enhanced Production General Purpose Bucket with Wear Plates and JAGZ(TM) Cutting Edge	8917	\$18,400.00
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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.

6.75 Cu. Yd (5.2 Cu. M.) Enhanced Production Material Handling Bucket with Wear Plates and Bolt-on Cutting Edge	8921	\$18,780.00
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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.

6.75 Cu. Yd (5.2 Cu. M.) Enhanced Production Material Handling Bucket with Wear Plates and JAGZ(TM) Cutting Edge	8922	\$19,130.00
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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.



HYDRAULIC CONTROLS

Description	Code	Price
2 Function -- Joystick with FNR	2422	\$571.00
1 lever controls boom and bucket. Requires code 2120 Conventional Steering.		
2 Function -- Joystick with Steering Column FNR	2424	\$571.00
1 lever controls boom and bucket.		
2 Function -- 2-Lever Fingertip Control and Steering Column FNR	2426	No Added Cost
1 lever controls boom and 2nd lever controls bucket functions.		
3 Function -- Joystick with FNR and 3rd Function Auxiliary Control Lever	2432	\$5,081.00
1 lever controls both boom and bucket and 2nd lever controls auxiliary functions. Includes auxiliary hydraulic lines to boom cross tube.		
3 Function -- Joystick with 3rd Function Auxiliary Control Lever and Steering Column FNR	2434	\$5,081.00
1 lever controls boom and bucket, 2nd lever controls auxiliary functions. Includes auxiliary hydraulic lines to boom cross tube.		
3 Function -- 3-Lever Fingertip Controls with Steering Column FNR	2436	\$4,531.00
1 Lever controls boom, 2nd Lever for bucket and 3rd Lever controls auxiliary functions. Includes auxiliary hydraulic lines to boom cross tube.		



A/C CHARGE

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



SEAT

Description	Code	Price
Premium Heated Leather/Fabric, High-Wide Back w/ Head Rest Extension, Air Suspension Seat w/ Left Hand Joystick Steering	2210	No Added Cost
Seat included in code 2110 Joystick Steering with full adjustment, Lumbar, Air Suspension with full damping capability.		
	2220	No Added Cost

Standard Fabric, Back Rest Extension, Air Suspension Seat

Fabric Covered Seat with Back Rest Extension includes full adjustment, Lumbar, and Air Suspension with full damping capability.

Premium Heated, Leather/Fabric, High-Wide Back w/ Head Rest Extension, Air Suspension Seat w/ Conventional Left Arm Rest	2230	\$829.00
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Requires order code 2120 (Conventional Wheel).

Seat includes full adjustment, Lumbar and Air Suspension with full damping capability.

▼ MIRRORS

Description	Code	Price
Standard Outside Mirrors	8310	No Added Cost
Heated Outside Mirrors	8320	\$624.00

▼ STEERING SYSTEMS

Description	Code	Price
Joystick Steering	2110	\$7,025.00

Provides 2 Steering Systems with Steering Wheel and Left Hand Joystick with FNR Switch.
Requires code 2210 Seat
Requires code 8419 or 8422 Cab
Requires code 2424, 2426, 2434, or 2436 Steering Column FNR

Steering Wheel Only	2120	No Added Cost
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Steering Wheel remains without Joystick Steering.
Requires code 2220 or 2230 Seat.

▼ STEERING CYLINDERS

Description	Code	Price
Greased Steering Cylinder Joints	1910	No Added Cost
NeverGrease Steering Cylinder Joints	1915	No Added Cost

▼ PAYLOAD SCALE

Description	Code	Price
Loadrite L2180 Payload Scale	2810	In Referral Price

Option includes the Deere branded L2180 that will integrate with JDLink for remotely monitoring payload weighing data. Electronic components will be field installed and calibrated by the corresponding Loadrite Dealer. Price includes set up, activation and calibration.

NOTE: Selecting this code will automatically order the appropriate referral field kit priced in Attachments for this machine order and Cannot be Changed. If you are not sure the unit needs a scale, then at a later time you can order the appropriate "Loadrite L2180 Payload Scale Referral Kit" that is for field units which has identical field kit pricing.

2815	In Referral Price
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Loadrite L2180 Payload Scale with Printer

Option includes the Deere branded L2180 that will integrate with JDLink for remotely monitoring payload weighing data. Electronic components will be field installed and calibrated by the corresponding Loadrite Dealer. Price includes set up, activation and calibration.

Provides onboard ticket printing capability for Loadrite 2180 Payload Scale.

NOTE: Selecting this code will automatically order the appropriate referral field kit priced in Attachments for this machine order and Cannot be Changed. If you are not sure the unit needs a scale, then at a later time you can order the appropriate "Loadrite L2180 Payload Scale Referral Kit" that is for field units which has identical field kit pricing.

No Payload Scale	2890	No Added Cost
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Z-Bar and High Lift Linkage models will be shipped Loadrite ready.

▼ TRANSMISSION

Description	Code	Price
4-Speed Transmission	1110	(\$3,943.00)
5-Speed Transmission with Lock-up Torque Converter	1120	No Added Cost

▼ AXLES

Description	Code	Price
Front Hydraulic Locking Differential and Rear Conventional Differential Axles	3056	No Added Cost
High Traction Hydraulic Locking Front & Rear Differential Axles	3059	\$3,317.00

▼ 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.		
Manual Axle Differential Lock	3120	No Added Cost

▼ MACHINE CONNECTIVITY

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

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

Description	Code	Price
JDLink Ultimate Cellular - 5 Years	170C	No Added Cost

Includes JDLink hardware: integrated cab wiring harness, antenna, 4G LTE modular telematics gateway (MTG), Wi-Fi data transfer, Blue Tooth capability and JDLink Ultimate activation.

JDLINK utilizes cellular and satellite technology infrastructure that is outside the control of John Deere. Changes to that infrastructure may require customers to purchase compatible JDLINK hardware to restore functionality.

Includes 5 year subscription. Annual subscription renewal required after 5 years for continued functionality. JDLINK customer account must be created to access JDLINK Ultimate data. Go to www.StellarSupport.com to renew or update JDLINK subscriptions. Use of this service, and all rights and obligations of John Deere and the Customer (as identified in the applicable agreement), are governed by the terms and conditions outlined in the applicable Services and Software agreements available at www.JohnDeere.com/Agreements. If these terms and conditions are not agreeable do not proceed and do not use the service.

JDLINK Ultimate Satellite - 5 Years	170J	\$2,074.00
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Includes JDLINK hardware: integrated cab wiring harness, antenna, 4G LTE modular telematics gateway (MTG), Wi-Fi data transfer, Blue Tooth capability and JDLINK Ultimate activation.

JDLINK utilizes cellular and satellite technology infrastructure that is outside the control of John Deere. Changes to that infrastructure may require customers to purchase compatible JDLINK hardware to restore functionality.

Includes 5 year subscription. Annual subscription renewal required after 5 years for continued functionality. JDLINK customer account must be created to access JDLINK Ultimate data. Go to www.StellarSupport.com to renew or update JDLINK subscriptions. Use of this service, and all rights and obligations of John Deere and the Customer (as identified in the applicable agreement), are governed by the terms and conditions outlined in the applicable Services and Software agreements available at www.JohnDeere.com/Agreements. If these terms and conditions are not agreeable do not proceed and do not use the service.

Optional - *Select as desired*

▼ COLD START PACKAGES

Description	Code	Price
Automatic Ether Starting Aid	9010	\$338.00

Recommended below 10 degrees F (-12 degrees C).
Recommend with Engine Block Heater for cold starts below -10 degrees F(-23 C).

Ether can not included.

Engine Block Heater	9015	\$243.00
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Recommend with ether system for cold starts below -10 degrees F (-23 C)

▼ QUICK FLUID SERVICE WITH ENVIRONMENTAL DRAIN

Description	Code	Price
Quick Fluid Service w/Environmental Drains	9045	\$850.00

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

▼ ANTI-CORROSION

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.



FRAME

Description	Code	Price
Less Hitch and Rear Counterweights	9540	(\$5,111.00)



TIRE BRAND PREFERENCE

Description	Code	Price
No Tire Brand Preference		

26.5R25 1 STAR L3 NO BRAND PREFERRED WITH 5 PC RIMS	9701	No Added Cost
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BUCKET SPILLGUARDS

Spillguards adds 0.4 cubic yards to Bucket Capacity.

Description	Code	Price
Bolt-On Bucket Spillguard	9790	\$1,609.00

For 6.0 cu. yd. Buckets - Requires code 8904, 8906 or 8909 bucket.
This does not fit Enhanced Production Buckets.



HYDRAULICS

Description	Code	Price
Hydraulic Control System for Attachment Coupler Locking Pins	9310	\$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.



HYDRAULIC OIL

Description	Code	Price
Hydraulic Fluid - Hydrau XR	9316	\$370.00

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).



RADIO

Description	Code	Price
AM/FM/Weather Band (WB) Radio with Remote AUX Port	9106	\$576.00
Premium AM/FM/Weather Band (WB) Radio with Bluetooth, Remote Aux and Remote USB Port	9111	\$850.00



CAB AIR PRECLEANER

Description	Code	Price
	9115	\$945.00

Powered Cab Air Pre-Cleaner

Extends cab air filter change intervals.

REAR CAMERA OR RADAR DETECTION

Description	Code	Price
Rear Camera and Radar Object Detection System	9130	\$4,589.00
Display shows view behind the machine and provides audible alert. Rear view is displayed in video-enabled LCD Color Monitor.		
Rear Camera Only	9131	\$1,285.00
Not for use with code 2790 (No 24 Volt Power Converter) or 9130 (Rear Camera and Radar Object Detection System).		

OPERATOR'S STATION

Description	Code	Price
5.0 lbs. multi purpose (ABC) Dry Chemical Fire Extinguisher	9140	\$139.00

SECONDARY STEERING

Description	Code	Price
Secondary Steering	9305	\$3,208.00

4WD LOADER SIMULATOR

4WD Loader Operator Training Simulator
- JD Bookstore order code: SIM5700
- JD Bookstore Price: \$15,997

Includes software, replica joysticks, foot pedals, steering wheel and integrated seat. Item ordered through the JD Bookstore.

SMV EMBLEM AND MOUNTING BRACKETS

Description	Code	Price
Single Beacon Bracket	9125	\$189.00
Bracket has fold down position for transport. Cannot be ordered with code 9126.		
Dual Beacon Bracket	9126	\$378.00
Cannot be ordered with code 0820 or 9125. Cannot be ordered with code 9125.		
Slow Moving Vehicle (SMV) Emblem	9525	\$157.00
License Plate Bracket and Light	9520	\$177.00

RUST PROTECTION

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



PAINT

Description	Code	Price
Finish Paint - Decals Not Installed	9800	No Added Cost

For custom paint.
Paintable cab roof.
Decals packaged with machine.
Safety decals installed.



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.johndeereotechinfo.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.

Description	Code	Price
Bucket Hardware & Accessories		
Auxiliary Spillguard Weld-on for Non-Clipped Corner Buckets	AT206671	\$1,132.00
Spillguards add 0.4 cubic yards to Bucket Capacity.		
Auxiliary Spillguard for Bucket	AT309138	\$1,716.00
For use on 5.25/6 Cu. Yd. clipped corner buckets. Bolt on Spillguards adds 0.4 cubic yards to Bucket Capacity. Not compatible with Enhanced Production Buckets.		
Teeth with Segments	AT400169	\$6,130.00
For use on 5.25, 5.5, 6.0, and 6.25 Cu. Yd. Buckets (including Enhanced Production Buckets).		
Buckets & Bucket Wear Components		
6.00 Cu. Yd. (4.6 cm) General Purpose Bucket	AT346234	\$15,539.00
Includes Skid Shoes, No Bolt-On Cutting Edges and Side Cutters (for Units made after 26NOV07).		
6.25 Cu. Yd. (4.8 Cu. M.) Enhanced Production General Purpose Bucket with Wear Plates. No Ground Engaging Tools Installed.	BYT10103	\$15,155.00
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.		
6.25 Cu. Yd. (4.8 Cu. M.) Enhanced Production General Purpose Bucket without Wear Plates. No Ground Engaging Tools Installed.	BYT10102	\$13,905.00
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.

6.75 Cu. Yd. (5.2 Cu. M.) Enhanced Production General Purpose Bucket with Wear Plates. No Ground Engaging Tools Installed.	BYT10105	\$15,885.00
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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.

6.75 Cu. Yd. (5.2 Cu. M.) Enhanced Production General Purpose Bucket without Wear Plates. No Ground Engaging Tools Installed.	BYT10104	\$14,635.00
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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.

Bolt On Cutting Edge for 5.25, 5.5, 5.85, 6.0, 6.25, and 6.75 Cu. Yd. Buckets (including Enhanced Production Buckets)	AT314301	\$2,895.00
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Wear Plates for 6.25 & 6.75 Cu. Yd. Enhanced Production Buckets	BYT10123	\$3,890.00
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Hydraulics

2-Lever Fingertip Control to Joystick Control w/FNR Conversion Kit	AT337445	\$1,826.00
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For use when equipped with Two Function hydraulics and 2-Lever Fingertip Control.

3-Lever Fingertip Controls to Joystick with 3rd Function Auxiliary Control Lever and Steering Column FNR	AT337447	\$2,640.00
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For use when equipped with 3 Function Valve and 3- Lever Fingertip controls.

3rd Function Hydraulics For Fingertip Controls on Z-Bar Linkage Units	AT337697	\$4,531.00
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For S/N 662428 and above.
For use when equipped with Two Spool Valve with 2 Lever Control. Includes third hydraulic valve section, controller, auxiliary function lever and plumbing to boom cross tube.

3rd Function Hydraulics For Fingertip Controls on Z-Bar Linkage Units	AT447079	\$4,531.00
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For S/N 662427 and below.
For use when equipped with Two Spool Valve with 2 Lever Control. Includes third hydraulic valve section, controller, auxiliary function lever and plumbing to boom cross tube.

3rd Function Hydraulics For Joystick Control on Z-Bar Linkage	AT364243	\$2,758.00
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For S/N 642428 and above. When Equipped with Two Function Valve with Joystick Control. Includes third hydraulic valve section, controller, auxiliary function lever and plumbing to boom cross tube.		
3rd Function Hydraulics For Joystick Control on Z-Bar Linkage	AT447080	\$2,758.00
For S/N 642427 and below. When Equipped with Two Function Valve with Joystick Control. Includes third hydraulic valve section, controller, auxiliary function lever and plumbing to boom cross tube.		
Auto Lube - Factory Installation Fee	BYT10002	\$5,009.00
Labor for installation of Lincoln Quicklub automatic greasing system field kit at Paladin Customworks, Davenport IA. Must also order Auto Lube Field kit AT466454.		
Auto Lube Field Kit - 744K and 824K Series II - High Lift Boom only	AT461017	\$6,800.00
Lincoln Quicklub automatic greasing system. Will require field installation at additional cost.		
For use with S/Ns 684079 and above.		
Auto Lube Field Kit - 824K Series II - Standard Boom only	AT461000	\$6,800.00
Lincoln Quicklub automatic greasing system. Will require field installation at additional cost.		
For use with S/Ns 684079 and above.		
Bucket Linkage Dump Speed Control	AT367140	\$802.00
Allows control over the dump speed and protects the linkage components from damage with large attachments.		
Detent kit for 3rd Function	AT337443	\$344.00
FNR from Steering Column to Joystick Conversion kit	AT337704	\$456.00
High Lift NeverGrease to Greased Linkage Conversion Kit	AT457039	\$3,406.00
This kit converts units ordered with NeverGrease boom and bucket cylinders to a standard greased linkage system with traditional grease zerks.		
High-Altitude Hydraulic Kit	AT364679	\$606.00
For use at high altitudes to improve hydraulic performance by pressurizing the hydraulic tank. For use above 10,000 feet. For use with Tier 3 or IT4 Engines. 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.		
Hydraulic Control System for Quick Coupler Locking Pins on Z-Bar linkage units	AT337419	\$1,355.00
For Stage 2/Tier 3/IT4 Engines.		
	AT445968	\$1,355.00

Hydraulic Control System for Quick Coupler Locking
Pins on Z-Bar linkage units

For use with FT4 Engines.

Hydraulic Warm Up Circuit Kit	AT364337	\$1,047.00
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For units with S/N 662427 and below.

Hydraulic Warm Up Circuit Kit	AT447098	\$1,047.00
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For units with S/N 662428 and above.

Joystick Control Conversion to 2-Lever Fingertip Controls	AT337444	\$1,821.00
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To convert from Joystick to 2-Lever Fingertip Controls

Joystick Control with Auxiliary Lever Conversion to 3-Lever Fingertip Controls	AT337446	\$2,280.00
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To convert from Joystick with Auxiliary Lever to 3-Lever Fingertip Controls.

Z-Bar NeverGrease to Greased Linkage Conversion Kit	AT457038	\$3,406.00
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This kit converts units ordered with NeverGrease boom and bucket cylinders to a standard greased linkage system with traditional grease zerks.

Operator Environment

24 Volt to 12 Volt - 15 Amp Converter	AT418212	\$315.00
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444K - S/N 670313 and above
524K - S/N 670311 and above
544K - S/N 670309 and above
624K - S/N 658065 and above
644K - S/N 658218 and above
724K - S/N 658297 and above
744K/824K/844K - S/N 663886 and above

24 Volt to 12 Volt - 30 Amp Converter	AT418533	\$465.00
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444K - S/N 670313 and above
524K - S/N 670311 and above
544K - S/N 670309 and above
624K - S/N 658065 and above
644K - S/N 658218 and above
724K - S/N 658297 and above
744K/824K/844K - S/N 663886 and above

AM/FM/WB Radio	AT337114	\$590.00
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Includes speakers, wiring, 24 Volt to 12 Volt - 8 Amp Converter and antenna.

444K - S/N - 670312 and below
524K - S/N - 670310 and below
544K - S/N - 670308 and below
624K - S/N - 658064 and below
644K - S/N - 658217 and below
724K - S/N - 658296 and below
744K/824K/844K S/N - 663885 and below
Works on all 644K Hybrid models

	AT337116	\$672.00
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AM/FM/WB Radio with CD Player

Includes speakers, wiring, 24 Volt to 12 Volt - 8 Amp Converter and antenna.

This kit works for all 444K - 724K and 744K/824K/844K S/N 663885 and below.

444K - S/N - 670312 and below

524K - S/N - 670310 and below

544K - S/N - 670308 and below

624K - S/N - 658064 and below

644K - S/N - 658217 and below

724K - S/N - 658296 and below

744K/824K/844K S/N - 663885 and below

Works on all 644K Hybrid models

Joystick Steering	AT362290	\$4,943.00
For Stage 2/Tier 3/iT4 Engines.		
Joystick Steering	AT445741	\$4,943.00
For FT4 Engines.		
MP3/iPod/Sat Radio/Cell Phone holder w/ 2 Power Ports and Cargo Net	AT349372	\$154.00
kit includes a cargo net, bracket/holder, wire harness, 2 power ports, plastic holder, and instructions.		
Rear Camera and Radar Object Detection System	ETN94091	\$4,344.00
For use with IT4 engines.		
Display shows view behind the machine and provides audible alert. Rear view is displayed in video-enabled LCD Color Monitor.		
Machines S/N 646496 and above will require AT410941 (Advanced Display Monitor with Camera mode).		
Please Order AT410941 in JD Point.		
Rear Camera and Radar Object Detection System	AT444523	\$4,344.00
744K - Stage 2/Tier 3/FT4 - S/N 663886 and above. 824K/844K - Stage 2/Tier 3 - S/N 663886 and above.		
Display shows view behind the machine and provides audible alert. Rear view is displayed in video-enabled LCD Color Monitor.		
Machines S/N 646496 and above will require AT410941 (Advanced Display Monitor with Camera mode).		
Please Order AT410941 in JD Point.		
Rear Camera and Radar Object Detection System	AT444754	\$4,344.00
824/844K - FT4 S/N 663886 and above.		
Display shows view behind the machine and provides audible alert. Rear view is displayed in video-enabled LCD Color Monitor.		
Machines S/N 646496 and above will require AT410941 (Advanced Display Monitor with Camera mode).		
Please Order AT410941 in JD Point.		
	AT440096	\$3,208.00

Secondary Steering

This kit works on S/N 641970 and above.
For Stage 2/Tier 3/IT4 engines.

Secondary Steering	AT445740	\$3,208.00
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For FT4 engines.

Secondary Steering System	AT337267	\$3,208.00
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This kit works on the following machines:
744K - S/N 632967 and below
824K - S/N 641969 and below

Overall Vehicle

Dual Beacon Wiring Harness and Switch Kit	AT377291	\$178.00
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Fold-Down Beacon Bracket	AT366856	\$189.00
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Full Rear Fenders For Muddy Applications	AT338781	\$2,825.00
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License Plate Bracket with Light	AT345202	\$183.00
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For units with Stage 2 or T3 Engines.

SMV Emblem and Bracket	AT345200	\$190.00
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For use with Stage 2 or Tier 3 engines.

Single LED work light with high beam lens	AT399788	\$415.00
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Replacement for both 12V & 24V work and drive lamps.

Single LED work light with symmetric lens	AT399789	\$415.00
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Replacement for both 12V & 24V work and drive lamps.

Slow Moving Vehicle (SMV) Emblem and Bracket	AT368286	\$116.00
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For use with IT4/FT4 engines.

Powertrain

Diesel Fuel-Fired Engine Coolant Heater Kit- Installed	AT397972	\$3,858.00
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For Stage 2 or Tier 3 Engines.
Includes igniter, timer and coolant circulation pump.
Recommended for temperatures below -13 deg. F (-25 deg. C).

Powertrain & Cooling

Automatic Axle Differential Lock (Auto-Diff/Lock)	AT362998	\$1,534.00
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Automatic Ether Starting Aid	AT424416	\$342.00
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For use with FT4 engines.

Automatic Ether Starting Aid	AT379991	\$342.00
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For use with IT4 engines.

Diesel Fuel-Fired Engine Coolant Heater Kit	AT380195	\$4,080.00
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<p>Not for use on IT4 engines. Includes igniter, timer and coolant circulation pump. Recommended for temperatures below -13°F (-25°C). Average installation, 6 hours.</p>		
Engine Ether Starting Aid	AT341687	\$341.00
For units with Stage 2 or Tier 3 engines.		
Fast Fill Fuel System	AT338448	\$2,346.00
<p>For Stage 2/Tier 3 Engines. Kit includes a new fast fuel compatible fuel tank and all necessary fast fuel connections. 150 gpm fill rate.</p>		
Fast Fill Fuel System	AT424842	\$2,346.00
<p>For use with FT4 Engines. Kit includes a new fast fuel compatible fuel tank and all necessary fast fuel connections. 150 gpm fill rate.</p>		
Quick Fluid Service w/Environmental Drains and Sampling ports	AT339003	\$679.00
<p>For use on Stage 2 or T3 engines. Coupling system for Engine Oil, Transmission Fluid, Hydraulic Fluid and Engine Coolant.</p>		
Quick Fluid Service w/Environmental Drains and Sampling ports	AT408596	\$679.00
<p>For IT4 Engines. Coupling system for Engine Oil, Transmission Fluid, Hydraulic Fluid and Engine Coolant.</p>		
Quick Fluid Service w/Environmental Drains and Sampling ports	AT445809	\$679.00
<p>For FT4 Engines. Coupling system for Engine Oil, Transmission Fluid, Hydraulic Fluid and Engine Coolant.</p>		
Reversing Engine Fan Drive	AT337351	\$1,755.00
For Stage 2 or Tier 3 Engines.		
Reversing Engine Fan Drive for IT4 engines	AT408730	\$1,755.00
<p>For use with IT4 Engines. Includes reversing valve, motor and plumbing. Reversible Fan is automatic with adjustable timer.</p>		
Reversing Engine Fan Drive for IT4 engines	AT445808	\$1,755.00
<p>For use with IT4 Engines. Includes reversing valve, motor and plumbing. Reversible Fan is automatic with adjustable timer.</p>		
Severe Duty Fuel Filter & Water Separator	AT393554	\$966.00
For use with Stage 2 engine.		
Tire Pressure Monitoring System (TPMS); 25 Inch Rim	AT373932	\$1,693.00

REFERRAL ATTACHMENTS

Description	Code	Price
G.R.Mfg. 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		
Access Platform Extensions	AT366132	\$318.00
T3 engines only. Requires AT366130 Rear Access Platforms with Steps & Hand Holds. Required when 31.5 X 25 solid tires are installed.		
Amber Strobe Light	AT301703	\$512.00
Cab roof mounted, gel filled and double flash. Kit includes bracket for installation. For Tier 3, IT4 and FT4.		
Articulation Joint Guard Kit	AT455536	\$1,761.00
Serial Number 409701 and above, FT4 engine only.		
Axle Seal Guards	AT366125	\$1,677.00
For all engine emissions.		
Boom Cylinder Hydraulic Line & Cavity Guards	AT366127	\$2,954.00
S/N 409700 and below, all engine emissions.		
Boom Cylinder Hydraulic Line & Cavity Guards	AT455537	\$2,954.00
S/N 409701 and above, FT4 machines only.		
Cab Sides and Rear Screen Package	AT429197	\$3,590.00
All engine emissions.		
Front Screen for Canopy or Cab	AT407942	\$2,303.00
444K-844K Z-BAR, HI-LIFT, POWERLLEL, and Tool Carrier Front Screen will fully open to facilitate cleaning. ISO 8084 CERTIFIED		
Hyd Operated Extreme Service Bottom Guards	AT455538	\$6,869.00
S/N 409701 and above, FT4 engine only.		
Rear Access Platform with Steps & Hand Holds	AT366130	\$8,484.00
T3 and IT4 engines only. Required for rear axle when equipped with foam filled or solid tires. Monitor to be reprogrammed to block 4th gear. Requires code 9540 to deduct main counterweight and rear hitch.		
Rear Access Platforms (FT4)	AT455539	\$7,606.00

S/N 409701 and above, FT4 engine only.
Requires code 9540 to deduct main counterweight and rear hitch.

Loadrite Weighing Systems

Loadrite L2180 Payload Scale Referral Kit AT439718 \$10,500.00

For use with Z-Bar and High Lift Z-Bar Loadrite ready machines.
Loadrite must be contacted to install, activate and calibrate this scale.

Independent field kit for 744K/824K - S/N 659786 and above; 844K - S/N 659628 and above that are Loadrite Ready and ordered with No Payload Scale code 2890.

If this kit is installed on 744K/824K - S/N 659786 and above; 844K - S/N 659628 and above with an active JDLink subscription, Loadrite Payload Scale reports will show on JDLink web site.

Loadrite L2180 Payload Scale Referral Kit for Code 2810 AT439716 \$10,500.00

This is not an independent kit, it is part of the factory option code 2810 and should be ordered with that code.
Loadrite must be contacted to install, activate and calibrate this scale.

Loadrite L2180 Payload Scale Referral Kit for Code 2815 AT458264 \$12,000.00

This is not an independent kit, it is part of the factory option code 2815 and should be ordered with that code.
Loadrite must be contacted to install, activate and calibrate this scale.

Loadrite L2180 Payload Scale with Printer Referral Kit AT458263 \$12,000.00

For use with Z-Bar and High Lift Z-Bar Loadrite ready machines.
Loadrite must be contacted to install, activate and calibrate this scale.

Independent field kit for 744K/824K - S/N 659786 and above; 844K - S/N 659628 and above that are Loadrite Ready and ordered with No Payload Scale code 2890.

If this kit is installed on 744K/824K - S/N 659786 and above; 844K - S/N 659628 and above with an active JDLink subscription, Loadrite Payload Scale reports will show on JDLink web site.