



**JOHN DEERE**

Current Date 13Sep2019

## 644K Hybrid Loader

|   |  |  |
|---|--|--|
| 644K Hybrid Standard Equipment  | Hydraulic Function Enable / Disable  | Keyless Start with Multiple Security Modes   |
| POWER TRAIN:  | Hydraulic Reservoir with Sight Gauge and Fill Strainer                             | Sealed Switch Module with Function Indicators  |
| Hybrid Electric Drivetrain  | Hydraulic Diagnostic Ports   | Seat with Back Rest Extension, Deep Foam, Fabric Cover, Adjustable Air Suspension for Weight/Height with Fore-Aft Adjustment, and Adjustable Arm Rests |
| Brushless A/C Generator   | 4000 Hour In-Tank Filter   | Hydraulic Controls Integrated to Seat  |
| Solid State Power Inverter  | ELECTRICAL:  |  |
| Brushless A/C Motor   | 24 Volt Electrical System  | 3 Inch High Visibility Blaze Orange Seat Belt with Retractor   |
| Simplified Transmission with Integrated Wet Disc Park Brake   | Solid State Electrical Power Distribution System                                   | (2) Cup Holders  |
| Electronically Controlled Fully Automatic Shifting Quick Shift Button on Loader Control Lever with 2 Selectable Modes | 130 Amp Alternator   | Lunch box (Cooler) Holder  |
| Automatic / Manual Shift Modes  | (2) Heavy Duty Batteries - each 950 Cold Cranking amps/190 minute Reserve Capacity | Dome and Reading Light   |
| Programmable Maximum High Speed Range   | Lockable Master Electrical Disconnect Switch                                       | Sun Visor  |
| Automatic Transmission Neutralizer with Brake Application   | Battery Terminal Safety Covers   | Rubber Floor Mat   |
| Clutch Calibration Engaged from Monitor   | By-Pass Start Safety Cover at Starter  | Tilt Steering Column   |
| 100% Locking Front and Conventional Rear Differentials with Inboard   | Pre-wired for Beacon/Strobe Light  | Textured Steering Wheel with Spinner Knob  |
| Mounted Heavy Duty Planetary Gears  | Lights:  | Operator's Manual Storage Compartment  |
| Heavy Duty Self Adjusting Front and Rear Power Brakes   | (2) Halogen Driving Lights with Guards   | (2) Outside and (1) Inside Rear View Mirrors   |
| Electrically Actuated Automatic Spring Applied, Hydraulically Released, Wet Disc Park Brake                           | (4) Front and (2) Rear Work Lights - Cab Mounted                                   | Front and Rear Intermittent Windshield Wiper and Washers   |
| Transmission Fill Tube and Sight Gauge  | Turn Signals and Flashers  | Left Side Operator Station Access  |
| 2000 Hour Transmission  | LED Stop and Tail Lights   | Slip-Resistant Steps and Ergonomically Located Handholds   |
|   | Horn, Electric   | OVERALL VEHICLE:   |
|   | Reverse Warning Alarm  | Level 1 Sound Package  |
|   | Multi-Function / Multi-Language LCD Color Monitor includes:                        | NeverGrease: Rear Axle Oscillation Joints  |
|   |  | Front and Rear Tie Downs   |
|   |  | 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   |

|   |   |   |
|---|---|---|
| Filter  | DIGITAL INSTRUMENTS                                     | Counterweight   |
| Standard Front Axle Oil Temperature Sensor                        | ANALOG Display:   | Storage Compartment, Battery Box, Filler Access for   |
| Rimpull Control   | Hydraulic Oil Temperature                               | Radiator/Fuel/Hydraulic/Transmission Ground Level Fueling                                   |
| COOLING:  | Engine Coolant Temperature                              | Fuel Tank Fill Strainer   |
| Quad-Cool System:   | Transmission Oil Temperature                            | Service Steps and Handholds   |
| Heavy Duty, Trash Resistant High Ambient Cooling Package          | Engine Oil Pressure                                     | Fluid Sampling Ports for Engine, Transmission, Hydraulic, Axle Oils and Engine Coolant      |
| 2 Side access to all Coolers                                      | DIGITAL Display:  | Environmental Drains with Hoses for Engine, Transmission, Hydraulic Oils and Engine Coolant |
| Cooling System isolated from Engine Compartment                   | Engine RPM  | Heavy Duty Fuel Tank Guard  |
| Engine Radiator   | Transmission Speed Range / Direction Indicator          | Less Tires and Wheels   |
| Integral Engine Oil Cooler  | Hour Meter  |   |
| Hydraulic Oil Cooler (Oil to Air)                                 | Fuel Level  |   |
| Transmission Oil Cooler (Oil to Air)                              | Speedometer   |   |
| Charge Air Cooler (Air to Air)                                    | Odometer  |   |
| Power Electronics Cooler (Anti-Freeze to Air)                     | Outside Temperature                                     |   |
| Coolant Recovery Tank Antifreeze, -34F (-37 C)                    | Integrated Cycle Counter with 5 Categories              |   |
| Cool-on Demand Swing out Fan                                      | Indicator Lights for Standard and Selected Options      |   |
| Enclosed Fan Safety Guard   | Indicator Lights For Amber Caution and Red Stop         |   |
| HYDRAULICS:   | Operator Warning Messages                               |   |
| Pressure Compensating Load Sensing Hydraulic System               | BUILT-IN  |   |
| 2 Function Hydraulic Joystick with FNR Control                    | DIAGNOSTICS:  |   |
| Automatic Return to Dig   | Diagnostic Code Details                                 |   |
| In Cab Adjustable Automatic Boom Height Kickout / Return To Carry | Sensor Values   |   |
|   | Calibrations  |   |
|   | Individual Circuit Tester                               |   |
|   | MENU DISPLAY:   |   |
|   | Codes   |   |
|   | Machine Settings  |   |
|   | Diagnostics   |   |
|   | Monitor Settings  |   |
|   | OPERATOR'S STATION:                                     |   |
|   | Isolation Mounted                                       |   |
|   | ROPS/FOPS Quiet Cab with:                               |   |
|   | Air Conditioning, Heater, Defroster and Cab Pressurizer |   |

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        |
|--------------------|--------|--------------|
| 644K Hybrid Loader | 7660DW | \$279,921.00 |

▼ 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 PSX 6.8L meets EPA IT4 and EU Stage IIIB Emissions (229 Net Peak hp) | 0914 | \$31,438.00 |

For use only in areas where EPA Interim Tier 4/EU Stage IIIB is required.

- Turbocharged
- Wet Sleeve Cylinder Liners
- Automatic Glow Plugs
- Programmable Auto-Idle and Auto-Shutdown
- Selected Idle Adjustment from 900-1250 RPM
- Starter Protection
- 4 Valves / Cylinder
- Automatic Derating for Exceeded System Temperatures
- Electronically Controlled Fuel Delivery System
- Electrical Fuel Priming System
- Serpentine Drive Belt with Automatic Tensioner
- Under Hood Dual Element Air Cleaner with Restriction Indicator
- Under Hood After Treatment Device with Curved Exhaust Stack
- Dual-Stage Fuel Filter and Water Separator
- 500 Hour Vertical Spin-on Oil Filter
- Automatic Engine Cool-down Timer

▼ FAN DRIVE

| Description         | Code | Price         |
|---------------------|------|---------------|
| Standard Fan Drive  | 1510 | No Added Cost |
| Reversing Fan Drive | 1520 | \$1,683.00    |

Requires code 1430 Air Intake System with Centrifugal Precleaner Engine

▼ AIR INTAKE

| Description   | Code | Price         |
|---|------|---------------|
| Air Intake system without Precleaner Engine   | 1410 | No Added Cost |
| Air Intake System with Centrifugal Precleaner Engine  | 1430 | \$617.00      |
| <b>EXHAUST</b>  |      |               |
| Description   | Code | Price         |
| Engine Exhaust with Flat Black Curved Stack   | 1310 | No Added Cost |
| Engine Exhaust with Chrome Curved Stack   | 1330 | \$344.00      |
| <b>FUEL FILTRATION</b>  |      |               |
| Description   | Code | Price         |
| Standard Fuel Filter & Water Separator  | 1610 | No Added Cost |
| <b>ALTERNATOR</b>   |      |               |
| Description   | Code | Price         |
| 130 amp Alternator  | 1215 | \$585.00      |
| For use with IT4 Engine code 0914.  |      |               |
| <b>LIGHTING</b>   |      |               |
| Description   | Code | Price         |
| Halogen Work and Drive Lights   | 7110 | No Added Cost |
| Incandescent Front Turn and Marker Lights<br>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 | \$1,706.00    |
| All exterior machine lights are LED<br>LED Front Turn/Marker & Rear Turn/Brake Lights   |      |               |
| <b>PAYLOAD SCALE</b>  |      |               |
| Description   | Code | Price         |
| Embedded Payload Scale (EPS)  | 2850 | \$7,135.00    |
| <p>EPS is an integrated weighing system visible in the base monitor. It provides bucket and material payload weighing at the pile and daily payload totals. EPS does not have the capability of connecting any external hardware, so printers, data modules, or modems cannot be used.</p> <p>EPS components are factory installed but require calibration by the corresponding Loadrite Dealer. Loadrite must be contacted to activate and calibrate this scale.<br/>                     The cost to set up, activate and calibrate this scale is already included in the price.</p> <p>Contact number:</p> |      |               |

1-800-528-5623 nationwide call in

Only for use on order codes 2010 (Z-Bar Linkage) or 2020 (High Lift Z-Bar Linkage).

|                  |      |               |
|------------------|------|---------------|
| No Payload Scale | 2890 | No Added Cost |
|------------------|------|---------------|

Z-Bar and High Lift Linkage models will be shipped Loadrite ready.  
 AT439717 may be added at a later time to install L2180 Payload Scale.

▼ TRANSMISSION

| Description                               | Code | Price       |
|---|------|-------------|
| Hybrid Electric Drive Transmission System | 1140 | \$36,585.00 |

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

▼ AXLES

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

|   |      |            |
|---|------|------------|
| High Traction - Front & Rear Hydraulically Locking Differential Axles | 3049 | \$2,414.00 |
|---|------|------------|

▼ DIFFERENTIAL LOCK

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

Allows operator to switch on Automatic Diff Lock providing continual differential lock in all conditions.  
 Minimizing tire spin.  
 Requires Transmission & Bottom guard code 9410.

|                               |      |               |
|-------------------------------|------|---------------|
| Manual Axle Differential Lock | 3120 | No Added Cost |
|-------------------------------|------|---------------|

▼ 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 |
|---------------------------------------|------|-------|
| <a href="#">Less Wheels and Tires</a> |      |       |

|                       |      |               |
|-----------------------|------|---------------|
| Less Wheels and Tires | 4000 | No Added Cost |
|-----------------------|------|---------------|

Includes 9 Degree Axle Stops  
 If solid tires are installed it requires the Rear Access Platforms from GR Mfg listed in the Referral section of the Price Pages. Includes retaining

hardware. This package is required for rear axle warranty. For warranty information refer to the SAM manual.

|                                |      |            |
|--------------------------------|------|------------|
| 23.5x25 3pc.Rims Less Tires    | 4010 | \$5,868.00 |
| 750/65R25 5pc. Rims Less Tires | 4012 | \$8,453.00 |

Other Tire Options

|  |      |             |
|--|------|-------------|
| 725/70-25 L4 16PR Titan LS150 Logger Tread on 5pc Rims | 5113 | \$27,089.00 |
|--|------|-------------|

Not for use with code 5550 (Full Front and Rear Fenders For Muddy Applications) Includes axle stops.

|   |      |             |
|---|------|-------------|
| 23.5-25 20PR L3 Titan Bias Tires with 3 pc. Rims                          | 4523 | \$20,952.00 |
| 750/65R25 L3 Low Profile 1 Star XLD Michelin Radial Tires with 5 pc. Rims | 5241 | \$36,958.00 |

23.5R25 L3 Single Star Radial Tires With 3 Piece Rims

|                     |      |             |
|---------------------|------|-------------|
| No Brand Preference | 4935 | \$21,812.00 |
| Michelin XHA2       | 4621 | \$27,273.00 |
| Bridgestone VMT     | 4622 | \$24,640.00 |

▼ 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         |
|---|------|---------------|
| Front Fenders   | 5530 | No Added Cost |
| Full Coverage Front Fenders                           | 5540 | \$558.00      |
| Full Front and Rear Fenders For Muddy Applications    | 5550 | \$2,995.00    |
| Not for use with code 5113 (Titan LS150 Logger Tire). |      |               |
| Less Fenders  | 5570 | No Added Cost |

▼ LINKAGE CONFIGURATION

| Description     | Code | Price         |
|-----------------|------|---------------|
| Standard Z-BAR  | 2010 | No Added Cost |
| High Lift Z-BAR | 2020 | \$6,040.00    |

Adds 14.88 inches (378 mm) height to bucket hinge pin, fully raised. Rated tipping load, breakout and lift capacity will be lower than unit equipped with the standard boom.

Powerllel - For use with Factory Installed Loader Coupler 2030 \$5,871.00

Requires code 8556 Hi-Vis Coupler.

Powerllel - For use with Aftermarket Couplers and/or Attachments 2040 \$6,263.00

Includes pins and shipping fixture.  
 Not for use with Deere factory couplers or with factory or field pin-on buckets.

▼ HYDRAULIC CONTROLS

| Description                     | Code | Price         |
|---------------------------------|------|---------------|
| 2 Function -- Joystick with FNR | 2422 | No Added Cost |

1 lever controls boom and bucket.  
 Requires code 2120 Conventional Steering.

|   |      |               |
|---|------|---------------|
| 2 Function -- Joystick with Steering Column FNR | 2424 | No Added Cost |
|---|------|---------------|

1 lever controls boom and bucket.

|   |      |          |
|---|------|----------|
| 2 Function -- 2-Lever Fingertip Control and Steering Column FNR | 2426 | \$158.00 |
|---|------|----------|

1 lever controls boom and 2nd lever controls bucket functions.

|  |      |            |
|--|------|------------|
| 3 Function -- Joystick with FNR and 3rd Function Auxiliary Control Lever | 2432 | \$2,929.00 |
|--|------|------------|

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 | \$2,929.00 |
|--|------|------------|

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 | \$2,929.00 |
|---|------|------------|

1 Lever controls boom, 2nd Lever for bucket and 3rd Lever controls auxiliary functions.  
 Includes auxiliary hydraulic lines to boom cross tube.

|   |      |            |
|---|------|------------|
| 4 Function -- 4 Lever Finger Tip Controls and Steering Column FNR | 2444 | \$4,242.00 |
|---|------|------------|

1 lever controls boom, 1 lever controls bucket, 2 single levers controls 2 additional auxiliary functions.  
 Includes auxiliary hydraulic lines to boom cross tube.

▼ RIDE CONTROL

| Description | Code | Price |
|-------------|------|-------|
|-------------|------|-------|

|   |      |            |
|---|------|------------|
| Ride Control  | 2510 | \$4,818.00 |
| Code 9410 Guards are recommended in applications where underside is vulnerable. |      |            |

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|                   |      |               |
|-------------------|------|---------------|
| Less Ride Control | 2520 | No Added Cost |
|-------------------|------|---------------|

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▼ CAB / ROPS

| Description                          | Code | Price         |
|--------------------------------------|------|---------------|
| ROPS Quiet Cab with Air Conditioning | 8422 | No Added Cost |

Includes:  
 Air conditioner  
 Heater  
 Defroster and pressurizer  
 Front and rear intermittent windshield wipers and washers  
 (1) inside and (2) outside rear view mirrors  
 Left and right rear side windows open 2.5" (65 mm) for ventilation  
 Sun visor

▼ A/C CHARGE

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

Requires code 8422

▼ SEAT

| Description   | Code | Price         |
|---|------|---------------|
| Standard Fabric, Back Rest Extension, Air Suspension Seat | 2220 | No Added Cost |

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

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|  |      |          |
|--|------|----------|
| Premium Heated, Leather/Fabric, High-Wide Back w/ Head Rest Extension, Air Suspension Seat w/ Conventional Left Arm Rest | 2230 | \$829.00 |
|--|------|----------|

Requires order code 2120 (Conventional Wheel).

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

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|  |      |               |
|--|------|---------------|
| Standard Vinyl, Back Rest Extension, Air Suspension Seat | 2240 | No Added Cost |
|--|------|---------------|

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

Requires order code 2120 (Steering Wheel Only)  
 Recommend order code 8415 (Canopy).

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|  |      |               |
|--|------|---------------|
| 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.





MIRRORS

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



STEERING SYSTEMS

| Description   | Code | Price         |
|---|------|---------------|
| Steering Wheel Only   | 2120 | No Added Cost |
| Steering Wheel remains without Joystick Steering.<br>Requires code 2220 or 2230 Seat.   |      |               |
| Joystick Steering   | 2110 | \$4,892.00    |
| Provides 2 Steering Systems with Steering Wheel and Left Hand Joystick with FNR Switch.<br>Requires code 2210 Seat<br>Requires code 8419 or 8422 Cab<br>Requires code 2424, 2426, 2434, 2436, or 2444 Steering Column FNR |      |               |



STEERING CYLINDERS

| Description                          | Code | Price         |
|--------------------------------------|------|---------------|
| Greased Steering Cylinder Joints     | 1910 | No Added Cost |
| NeverGrease Steering Cylinder Joints | 1915 | 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 5 Year Subscription | 170C | No Added Cost |

Includes JDLINK hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and now includes all Ultimate Connectivity features - Wireless Data Transfer (WDT) enabling automatic data transfer from TimberMatic and Waratah H16 Measuring Systems to TimberManager and MyJohnDeere, supporting TimberOffice 5 Software. Additionally, Ultimate now includes Limited Internet features supporting optional ForestSight Solutions such as advance mapping systems and Remote Display Access (RDA) features supported by TeamViewer applications. JDLINK utilizes cellular and satellite technology infrastructure that is outside the control of John Deere. Changes to that infrastructure may require customers to purchase compatible JDLINK hardware to restore functionality. Includes 5 year subscription. Annual subscription renewal required after 5 years for continued functionality. JDLINK customer account must be created to access JDLINK Ultimate data. Go to [www.StellarSupport.com](http://www.StellarSupport.com) to renew or update JDLINK subscriptions. Use of this service, and all rights and obligations of John Deere and the Customer (as identified in the applicable agreement), are governed by the terms and conditions outlined in the applicable Services and Software

agreements available at [www.JohnDeere.com/Agreements](http://www.JohnDeere.com/Agreements). If these terms and conditions are not agreeable do not proceed and do not use the service.

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

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

▼ MACHINE CONFIGURATION

| Description     | Code | Price         |
|-----------------|------|---------------|
| Standard Loader | 1010 | No Added Cost |

|   |      |              |
|---|------|--------------|
| 644K Hybrid Waste Handler with Std Z-Bar Linkage & Hi-Lift Boom | 1025 | (\$5,153.00) |
|---|------|--------------|

Requires AT434331 644K Hybrid Waste Handler Package Installed. Does not include bottom guards; see GR Mfg in the Referral Attachments Section.

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

Requires the following codes:  
 1430 Air Intake System with Precleaner  
 1520 Reversible Fan Drive  
 2020 High Lift Z-Bar Boom with Standard Linkage  
 3120 Manual Differential Lock  
 5570 Less Front Fenders  
 Requires custom code 92B2 Less Counterweight and Rear Hitch, please call DMAC.

Cannot order code:  
 7110 Halogen Work and Drive Lights  
 9125 Beacon Bracket  
 9045 Quick Fluid Service

|  |      |              |
|--|------|--------------|
| 644K Hybrid Waste Handler with Std Z-Bar Linkage & Standard Boom | 1045 | (\$5,153.00) |
|--|------|--------------|

Requires AT434331 644K Hybrid Waste Handler Package Installed. Does not include bottom guards; see GR Mfg in the Referral Attachments Section.

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

Requires the following codes:  
 1430 Air Intake System with Precleaner  
 1520 Reversible Fan Drive  
 2010 Standard Z-Bar Boom with Standard Linkage  
 3120 Manual Differential Lock  
 5570 Less Front Fenders  
 Requires custom code 92B2 Less Counterweight and Rear Hitch, please call DMAC.

Cannot order code:  
 7110 Halogen Work and Drive Lights  
 9125 Beacon Bracket  
 9045 Quick Fluid Service

Optional - *Select as desired*



MISCELLANEOUS

| Description              | Code | Price    |
|--------------------------|------|----------|
| Engine Compartment Light | 9240 | \$145.00 |



COLD START PACKAGES

| Description         | Code | Price    |
|---------------------|------|----------|
| Engine Block Heater | 9015 | \$243.00 |

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



QUICK FLUID SERVICE WITH ENVIRONMENTAL DRAIN

| Description         | Code | Price    |
|---------------------|------|----------|
| Quick Fluid Service | 9045 | \$850.00 |

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



CONVERTER

| Description                          | Code | Price    |
|--------------------------------------|------|----------|
| 24 Volt to 12 Volt - 8 Amp Converter | 9225 | \$250.00 |



ANTI-CORROSION

| Description                             | Code | Price      |
|---|------|------------|
| Electrical Corrosion Prevention Package | 9210 | \$1,425.00 |

Preventive corrosion treatment for use in corrosive environments.  
 Preventive corrosion treatment includes dielectric grease for electrical connections and polyurethane-based sealant on exposed terminals.



LIFT HOOKS

| Description   | Code | Price         |
|---|------|---------------|
| Lift Hooks  | 9510 | \$428.00      |
| <b>▼ GUARDS AND SOUND ABSORPTION</b>  |      |               |
| Description   | Code | Price         |
| Transmission and Bottom Guards with Level 2 Sound Package Included  | 9410 | \$2,428.00    |
| Recommended in applications where underside is vulnerable.  |      |               |
| <b>▼ TIRE BRAND PREFERENCE</b>  |      |               |
| Description   | Code | Price         |
| <a href="#">No Tire Brand Preference</a>  |      |               |
| 23.5R25 1 STAR L3 NO BRAND PREFERRED RADIAL WITH 3 PC RIMS  | 9710 | No Added Cost |
| <b>▼ HYDRAULIC CONTROLS</b>   |      |               |
| 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.  |      |               |
| <b>▼ HYDRAULIC FLUID</b>  |      |               |
| Description   | Code | Price         |
| Hydraulic Fluid - Hydrau XR   | 9316 | \$250.00      |
| Optional factory fill. Required for colder climates with operation below -25C (-13F) and extreme cold ambient temperatures down to -40C (-40F). Provides all-season capability in ambient temperatures ranging from -40C to 40C (-40F to 104F). |      |               |
| <b>▼ OPERATOR'S STATION</b>   |      |               |
| 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. Requires Option Code 9225.   |      |               |
| 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).  |      |               |
| 5.0 lbs. multi purpose (ABC) Dry Chemical Fire Extinguisher   | 9140 | \$139.00      |



**RADIO**

| Description   | Code | Price    |
|---|------|----------|
| AM/FM/WB Radio  | 9105 | \$317.00 |
| Includes speakers and antenna.<br>Requires Code 9225 Converter. |      |          |
| AM/FM/WB Radio with CD Player                                   | 9110 | \$379.00 |
| Includes speakers and antenna.<br>Requires Code 9225 Converter. |      |          |



**BUCKET PINS ONLY**

All bucket capacity ratings are with auxiliary cutting edge or teeth with segments installed.

| Description   | Code | Price    |
|---|------|----------|
| Bucket Pins Only - Less Bucket and Coupler  | 8550 | \$895.00 |
| Pins are shipped with the machine.<br>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.<br>When installing attachments that are heavier than 5100lbs (standard z-bar) or 3825lbs (high lift), it is strongly recommended field kit AT361146 be installed. This field kit allows control over the dump speed and protects the linkage components from damage with large attachments. |      |          |



**Z-BAR PIN-ON BUCKETS**

Not for use with Powerl1el code 2040.

| Description  | Code | Price       |
|--|------|-------------|
| 4.25 Cu. Yd. (3.3 Cu. M.) GP Bucket with Bolt-on Cutting Edge            | 8760 | \$10,305.00 |
| With Bolt on Skid Shoes  |      |             |
| 4.25 Cu. Yd. (3.3 Cu. M.) GP Bucket with Teeth and Cutting Edge Segments | 8765 | \$11,650.00 |



**HYDRAULIC COUPLERS**

| Description   | Code | Price      |
|---|------|------------|
| Hi-Vis Z-BAR Hydraulic Attachment Coupler   | 8561 | \$8,146.00 |
| When ordered with 3rd function hydraulics, plumbing to coupler included.<br>(Euro adaptable to include Volvo attachments) |      |            |
| Hi-Vis Powerl1el Hydraulic Attachment Coupler   | 8556 | \$8,106.00 |
| When ordered with 3rd function hydraulics, plumbing to coupler included.<br>(Euro adaptable to include Volvo attachments) |      |            |



**COUPLER FORKS**

| Description   | Code | Price       |
|---|------|-------------|
| Hi-Vis Coupler Fork Frame Carriage w/60 in.(1524mm) Tines | 8586 | \$11,995.00 |

76.2 in. (1935.5 mm) Frame.  
Requires code 8556 or 8561 Hi-Vis Coupler.

|  |      |             |
|--|------|-------------|
| Hi-Vis 76.2 in.(1935.5mm) Coupler Fork Frame Carriage w/72 in.(1830mm) Tines | 8588 | \$12,502.00 |
|--|------|-------------|

Requires code 8556 or 8561 Hi-Vis Coupler.

▼ COUPLER BUCKETS

| Description  | Code | Price      |
|--|------|------------|
| 4.0 Cu. Yd. (3.1 Cu. M.) General Purpose Hi-Vis Coupler Bucket with Bolt-on Cutting Edge | 8857 | \$9,948.00 |

|   |      |             |
|---|------|-------------|
| 4.0 Cu. Yd. (3.1 Cu. M.) General Purpose Hi-Vis Coupler Bucket with Teeth and Cutting Edge Segments | 8859 | \$11,208.00 |
|---|------|-------------|

▼ POWERTRAIN AND COOLING

| Description  | Code | Price      |
|--------------|------|------------|
| Axle Coolers | 9065 | \$2,071.00 |

Recommend Axle Coolers for long roading and or heavy braking with stockpile production applications.  
Strongly recommend bottom guards.

▼ SMV EMBLEM AND MOUNTING BRACKETS

| Description                      | Code | Price    |
|----------------------------------|------|----------|
| Slow Moving Vehicle (SMV) Emblem | 9525 | \$157.00 |

|                                 |      |          |
|---------------------------------|------|----------|
| License Plate Bracket and Light | 9520 | \$177.00 |
|---------------------------------|------|----------|

|                       |      |          |
|-----------------------|------|----------|
| 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 9125.

▼ 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.

▼ RUST PROTECTION

| Description                        | Code | Price    |
|------------------------------------|------|----------|
| Non-Export Rust Preventive Coating | 9909 | \$235.00 |

Coating protects exposed unpainted surfaces from road salt during shipment.

▼ 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.

▼ 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.johndeere.com/techinfo](http://www.johndeere.com/techinfo) 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 |
|---|------|-------|
| <a href="#">Bucket Hardware &amp; Accessories</a> |      |       |

|  |          |            |
|--|----------|------------|
| Auxiliary Heavy Duty Cutting Edge  | AT314304 | \$2,368.00 |
| For use on 4.0 yd.3 (3.0 M3), 4.25 yd.3 (3.3 M3) and 4.75 yd.3 (3.6 M3) buckets. |          |            |

|   |          |            |
|---|----------|------------|
| Auxiliary Spillguard Weld-on for Non-Clipped Corner Buckets | AT206671 | \$1,132.00 |
| Spillguards add 0.4 cubic yards to Bucket Capacity.         |          |            |

|  |          |            |
|--|----------|------------|
| Hi-Vis Coupler Attachment Adapter Hook Plates (2) Standard | AT352590 | \$2,036.00 |
|--|----------|------------|

|  |          |            |
|--|----------|------------|
| Teeth with Segments  | AT400167 | \$3,172.00 |
| For use on 4.0 yd.3 (3.0 M3), 4.25 yd.3 (3.3 M3) and 4.75 yd.3 (3.6 M3) buckets. |          |            |

[Buckets Coupler](#)

|  |          |             |
|--|----------|-------------|
| 4.0 Cu. Yd. (3.1 Cu. M.) Hi-Vis Coupler Bucket without Auxiliary Cutting Edge or Teeth and Segments  | AT332261 | \$10,249.00 |
| Capacity rating is with auxiliary cutting edge or teeth with segments installed.<br>Average installation, 4.5 hours.<br>Capacity rating is with auxiliary cutting edge or teeth with segments installed. |          |             |

[Buckets Pin-on](#)

|  |          |             |
|--|----------|-------------|
| 4.25 Cu. Yd. (3.3 Cu. M.) GP Bucket without Auxiliary Cutting Edge or Teeth and Segments | AT347756 | \$12,241.00 |
|--|----------|-------------|

For Units AFTER serial number 618144  
Capacity rating is with auxiliary cutting edge or teeth with segments installed.

### Couplers

|   |          |            |
|---|----------|------------|
| Hi-Vis Powerllei Hydraulic Attachment Coupler | AT349604 | \$8,106.00 |
|---|----------|------------|

Euro Style Coupler.

|   |          |            |
|---|----------|------------|
| Hi-Vis Z-Bar Hydraulic Attachment Coupler | AT354840 | \$8,106.00 |
|---|----------|------------|

### Forks

|  |          |             |
|--|----------|-------------|
| Hi-Vis 76.2 in. (1935.5mm) Coupler Fork Frame Carriage w/60 in. (1524mm) Tines | AT340684 | \$11,622.00 |
|--|----------|-------------|

|  |          |             |
|--|----------|-------------|
| Hi-Vis 76.2 in. (1935.5mm) Coupler Fork Frame Carriage w/72 in. (1830mm) Tines | AT340685 | \$12,792.00 |
|--|----------|-------------|

### Hydraulics

|  |          |            |
|--|----------|------------|
| 2-Lever Fingertip Control to Joystick Control w/FNR Conversion Kit | AT337445 | \$1,826.00 |
|--|----------|------------|

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 |
|--|----------|------------|

For use when equipped with 3 Function Valve and 3- Lever Fingertip controls.

|   |          |            |
|---|----------|------------|
| 3rd Function Hydraulics For 2-Lever Fingertip Controls on Powerllei Linkage Units | AT430418 | \$2,900.00 |
|---|----------|------------|

For use when equipped with Two Spool Valve with 2-Lever Fingertip Control. Includes third hydraulic valve section, controller, auxiliary function lever and plumbing to boom cross tube.

|   |          |            |
|---|----------|------------|
| 3rd Function Hydraulics For 2-Lever Fingertip Controls on Z-Bar Linkage Units | AT430443 | \$2,900.00 |
|---|----------|------------|

For use when equipped with Two Spool Valve with 2-Lever Fingertip Control. Includes third hydraulic valve section, controller, auxiliary function lever and plumbing to boom cross tube.

|   |          |            |
|---|----------|------------|
| 3rd Function Hydraulics For Joystick Control on Powerllei Linkage | AT430385 | \$2,720.00 |
|---|----------|------------|

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 | AT430404 | \$2,720.00 |
|---|----------|------------|



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 Plumbing from Boom to Coupler for Hi-Vis Powerl1el | AT347202 | \$467.00 |
|---|----------|----------|

Plumbing from cross tube to coupler  
Installation instructions T237187.  
Average installation .5 hours

|  |          |            |
|--|----------|------------|
| 4 Lever FingerTip Controls to Dual Joysticks w/ FNR Conversion kit | AT367521 | \$1,975.00 |
|--|----------|------------|

|   |          |            |
|---|----------|------------|
| 4th Function Hydraulics For 3-lever Fingertip Controls on Powerl1el Linkage | AT430448 | \$2,447.00 |
|---|----------|------------|

For use when loader is equipped with 3-Lever Fingertip Control. Includes fourth hydraulic valve section, auxiliary function fingertip control lever and plumbing to boom cross tube.

|   |          |            |
|---|----------|------------|
| 4th Function Hydraulics For 3-lever Fingertip Controls on Z-Bar Linkage | AT430447 | \$2,447.00 |
|---|----------|------------|

For use when loader is equipped with 3-Lever Fingertip Control. Includes fourth hydraulic valve section, auxiliary function fingertip control lever and plumbing to boom cross tube.

|  |          |            |
|--|----------|------------|
| 5th Function Electrically Controlled Auxiliary Valve | AT430449 | \$3,445.00 |
|--|----------|------------|

Includes valve section, electrical wiring and on/off rocker switch. Dealer is required to fabricate any necessary hoses.

|  |          |          |
|--|----------|----------|
| Cable Reinforced Coupler Plumbing kit for Hi-Vis Powerl1el and Z-Bar Linkage | AT347176 | \$242.00 |
|--|----------|----------|

Installation Instructions T237184.  
For use with Deere designed Euro (Volvo) style coupler.

|                             |          |          |
|-----------------------------|----------|----------|
| 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 | AT457035 | \$2,405.00 |
|---|----------|------------|

This kit converts units ordered with NeverGrease boom and bucket cylinders to a standard greased linkage system with traditional grease zerks.

|   |          |            |
|---|----------|------------|
| Joystick Control Conversion to 2-Lever Fingertip Controls | AT337444 | \$1,821.00 |
|---|----------|------------|

To convert from Joystick to 2-Lever Fingertip Controls

|  |          |            |
|--|----------|------------|
| Joystick Control with Auxiliary Lever Conversion to 3-Lever Fingertip Controls | AT337446 | \$2,280.00 |
|--|----------|------------|

To convert from Joystick with Auxiliary Lever to 3-Lever Fingertip Controls.

|   |          |            |
|---|----------|------------|
| Z-Bar NeverGrease to Greased Linkage Conversion Kit | AT457034 | \$2,405.00 |
|---|----------|------------|

This kit converts units ordered with NeverGrease boom and bucket cylinders to a standard greased linkage system with traditional grease zerks.

### Miscellaneous

|  |          |            |
|--|----------|------------|
| Hydraulic Control System for Quick Coupler Locking Pins on PowerIIel linkage units | AT426809 | \$1,355.00 |
|--|----------|------------|

|  |          |            |
|--|----------|------------|
| Hydraulic Control System for Quick Coupler Locking Pins on Z-Bar linkage units | AT426808 | \$1,355.00 |
|--|----------|------------|

### Operator Environment

|                                      |          |          |
|--------------------------------------|----------|----------|
| 24 Volt to 12 Volt - 8 Amp Converter | AT357789 | \$250.00 |
|--------------------------------------|----------|----------|

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.

|                |          |          |
|----------------|----------|----------|
| AM/FM/WB Radio | AT337114 | \$590.00 |
|----------------|----------|----------|

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

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

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

|                        |          |            |
|------------------------|----------|------------|
| Automatic Ride Control | AT307759 | \$5,060.00 |
|------------------------|----------|------------|

Installation instructions AT206054

|                   |          |            |
|-------------------|----------|------------|
| Joystick Steering | AT423043 | \$4,943.00 |
|-------------------|----------|------------|

|   |          |            |
|---|----------|------------|
| Rear Camera and Radar Object Detection System (IT4) | AT379594 | \$4,344.00 |
|---|----------|------------|

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)

444K-644K also requires AT357789 24 Volt to 12 Volt 8 Amp Converter

Please Order AT410941 in JD Point

|                    |          |            |
|--------------------|----------|------------|
| Secondary Steering | AT449655 | \$2,823.00 |
|--------------------|----------|------------|

### Operator Environment

|   |          |          |
|---|----------|----------|
| 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.

### Overall Vehicle

|   |          |          |
|---|----------|----------|
| Dual Beacon Wiring Harness and Switch Kit | AT377291 | \$178.00 |
|---|----------|----------|

|   |          |            |
|---|----------|------------|
| Embedded Payload Scale for Z-Bar Linkage only | AT363057 | \$7,135.00 |
|---|----------|------------|

EPS is an integrated weighing system visible in the base monitor. It provides bucket and material payload weighing at the pile and daily payload totals. EPS does not have the capability of connecting any external hardware, so printers, data modules, or modems cannot be used.

Loadrite must be contacted to activate and calibrate this scale. The cost to calibrate this scale is already included in the price.

Contact number:  
1-800-528-5623 nationwide call in

Only for use on order codes 2010 (Z-Bar Linkage) or 2020 (High Lift Z-Bar Linkage).

|                          |          |          |
|--------------------------|----------|----------|
| Engine Compartment Light | AT404116 | \$145.00 |
|--------------------------|----------|----------|

For use on Stage 2/Tier 3/iT4 Engines S/N 658064 and below.

|                          |          |          |
|--------------------------|----------|----------|
| Fold-Down Beacon Bracket | AT366856 | \$189.00 |
|--------------------------|----------|----------|

|                                  |          |          |
|----------------------------------|----------|----------|
| Full Coverage Front Tire Fenders | AT342160 | \$557.00 |
|----------------------------------|----------|----------|

For Stage 2/Tier 3/iT4 Engines  
Fender Kit only contains Fenders, Mud flap and associated hardware mounting.  
Kit does not include support brackets If no fenders are present on the machine, contact dealer parts for associated supports and hardware.

|  |          |            |
|--|----------|------------|
| Full Rear Fenders For Muddy Applications | AT337154 | \$2,443.00 |
|--|----------|------------|

For S/N 658217 and below

|                                 |          |          |
|---------------------------------|----------|----------|
| License Plate Bracket and Light | AT370158 | \$184.00 |
|---------------------------------|----------|----------|

For units with iT4 or FT4 Engines

|   |          |          |
|---|----------|----------|
| Single LED work light with high beam lens | AT399788 | \$415.00 |
|---|----------|----------|

Replacement for both 12V & 24V work and drive lamps.

|  |          |          |
|--|----------|----------|
|  | AT399789 | \$415.00 |
|--|----------|----------|

Single LED work light with symmetric lens

Replacement for both 12V & 24V work and drive lamps.

|                            |          |         |
|----------------------------|----------|---------|
| Slow Moving Vehicle Emblem | AT370093 | \$95.00 |
|----------------------------|----------|---------|

For units with iT4 or FT4 engines:  
444K - S/N 642101 and above  
524K - S/N 642246 and above  
544K - S/N 642665 and above  
624K - S/N 642635 and above  
644K - S/N 642444 and above  
724K - S/N 641523 and above

Powertrain & Cooling

|   |          |            |
|---|----------|------------|
| Automatic Axle Differential Lock (Auto-Diff/Lock) | AT362998 | \$1,534.00 |
|---|----------|------------|

|                                     |          |            |
|-------------------------------------|----------|------------|
| Axle Coolers with Filtration System | AT423366 | \$2,153.00 |
|-------------------------------------|----------|------------|

This kit is only compatible with the 644K Hybrid Loader.

|                         |          |          |
|-------------------------|----------|----------|
| Centrifugal Pre-Cleaner | AT373707 | \$858.00 |
|-------------------------|----------|----------|

For use with IT4 and FT4 Engines.  
For use with IT4 Engines.  
For use with FT4 Engines.

|                       |          |            |
|-----------------------|----------|------------|
| Fast Fill Fuel System | AT391578 | \$2,715.00 |
|-----------------------|----------|------------|

Kit includes a new fast fuel compatible fuel tank and all necessary fast fuel connections.  
150 gpm fill rate.

|   |          |          |
|---|----------|----------|
| Quick Fluid Service w/Environmental Drains and Sampling ports | AT423483 | \$679.00 |
|---|----------|----------|

|                                |          |            |
|--------------------------------|----------|------------|
| Reversing Engine Fan Drive Kit | AT423378 | \$1,373.00 |
|--------------------------------|----------|------------|

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

|  |          |             |
|--|----------|-------------|
| 644K Hybrid Waste Handler Package, Installed | AT434331 | \$26,965.00 |
|--|----------|-------------|

Recommended for use in waste, scrap, or recycling applications.

FOB Davenport, Iowa, dealer is responsible for freight of unit from factory to Trussville, Alabama, and freight from Trussville to final destination.

Package includes the following:  
Axle Seal Guards  
Boom Cylinder Hydraulic Line & Cavity Guards

Bucket Cylinder Hydraulic Line/Rod/Sensor Guard  
 Articulation Joint Guards  
 Extreme Service Flex 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  
 Lockable Master Electrical Disconnect Switch in Cab Floor  
 Strobe Light Right Rear Cab Roof Mounted  
 Lower Boom & Bucket Grease Fitting Guards  
 Rear Access Platforms with Flexible Step, Hand Holds & Tie Downs

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|                    |          |          |
|--------------------|----------|----------|
| 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.

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|  |          |            |
|--|----------|------------|
| Articulation Joint Guards & Extreme Service Transmission Side Guards | AT434334 | \$1,624.00 |
|--|----------|------------|

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|                  |          |            |
|------------------|----------|------------|
| Axle Seal Guards | AT345009 | \$1,273.00 |
|------------------|----------|------------|

For all engine emissions.

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|  |          |            |
|--|----------|------------|
| Boom Cylinder Hydraulic Line & Cavity Guards | AT434335 | \$2,796.00 |
|--|----------|------------|

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|                                |          |            |
|--------------------------------|----------|------------|
| 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

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|                        |          |            |
|------------------------|----------|------------|
| Front Tire Striker Bar | AT341614 | \$1,827.00 |
|------------------------|----------|------------|

Works for all engine emissions.  
 Recommended when solid tires with lugs are installed.  
 For Tier 3, IT4 and FT4.  
 Recommended when solid tires with lugs are installed.

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|                             |          |          |
|-----------------------------|----------|----------|
| Guard, Bottom, Resistor Box | AT434336 | \$221.00 |
|-----------------------------|----------|----------|

Additional guarding on the bottom of the resistor box to prevent debris ingestion in harsh environments.

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|                              |          |            |
|------------------------------|----------|------------|
| Heavy Duty Rear Grille Guard | AT345012 | \$2,631.00 |
|------------------------------|----------|------------|

For Tier 3, IT4 and FT4; S/N 658218 and above.  
 Requires Rear Access Platforms with Steps & Hand Holds.  
 For Tier 3, IT4 and FT4.  
 Requires Rear Access Platforms with Steps & Hand Holds.

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|  |          |            |
|--|----------|------------|
| Hydraulic Operated Extreme Service Bottom Guards | AT364536 | \$6,221.00 |
|--|----------|------------|

S/N 658064 and below, all engine emissions. (644K & 724K)  
 Works for all 644K Hybrid machines.  
 Cannot be used with code 3110 Axle Auto Diff Lock.  
 Cannot be ordered with code 9410 Transmission and Bottom Guards with Level 2 Sound Package.

|  |          |            |
|--|----------|------------|
| IT4 CAB SIDES AND REAR SCREEN PACKAGE  | AT407941 | \$3,810.00 |
| 444K, 524K, 544K, 624K, 644K, 724K, 844K SII IT4 Z-Bar, Hi-Lift, Powerllef, and Tool Carrier   |          |            |
| Rear Access Platform With Steps & Hand Holds   | AT398404 | \$6,094.00 |
| <p>IT4 engines only.<br/>         Required for rear axle warranty when equipped with foam filled or solid tires. Monitor to be reprogrammed to block 4th gear. Requires custom code to deduct main counterweight and rear hitch. Contact DMAC for custom code.</p> <p>For IT4 only<br/>         Required for rear axle warranty when equipped with foam filled or solid tires. Monitor to be reprogrammed to block 4th gear. Requires custom code to deduct main counterweight and rear hitch. Contact DMAC for custom code.</p> |          |            |