



**JOHN DEERE**

Current Date 30Apr2015

## 315SL BACKHOE LOADER

### 315SL Standard Equipment

#### ENGINE:

John Deere PowerTech 4.5L  
(276 Cu. In.) Engine  
Turbocharged  
Wet Sleeve Cylinder Liners  
Serpentine Belt with  
Automatic Belt Tensioner  
Vertical Spin-On Engine Oil  
Filter  
Spin-on Fuel filter with  
Water Separator  
Dual Safety Element Dry-  
Type Air Cleaner With  
Evacuator Valve  
Muffler, Underhood with  
Vertical Curved Exhaust  
Stack

#### COOLING SYSTEM:

Engine Radiator  
Engine Coolant -40 Degrees  
F (-40C)  
Coolant Recovery Tank  
Suction Type Cooling Fan  
with Enclosed Safety Fan  
Guard  
Oil-to-Water Engine Oil  
Cooler

#### POWERTRAIN:

Powershift Transmission with  
Torque Converter  
Electronic Transmission  
controller with on-board  
diagnostics  
Single Electric Transmission  
Control Lever  
(Forward/Neutral/Reverse)  
with integrated gear  
selection & horn  
Vertical Spin-on transmission  
Filter  
Planetary Final Drives  
Differential Lock, Foot Switch  
Activated  
Mechanical Limited Slip Front

6 Micron Vertical Spin-On  
Filter

"O" Ring Face Seal  
Connectors  
Circuit Relief Valve  
Protection

#### BACKHOE:

Backhoe Transport Lock  
Lever  
Swing Locking Pin Stored in  
Op. Station  
SAE (Excavator Style) Two  
Lever Mechanical Controls  
Reversible Pad Stabilizer  
Feet with integrated lock  
Stabilizer Two-Direction  
Anti-Drift Valves  
Less Bucket with Bucket Pins

#### LOADER:

Return-To-Dig Feature  
Bucket Level Indicator  
Hydraulic Self-Leveling (anti-  
spill)  
Single Lever Control with  
Electric Clutch Cut-off Switch  
Less Bucket with Bucket Pins

Loader Boom Service Lock  
High-Visibility Loader Arms

#### ELECTRICAL:

12 Volt System  
120 Amp Alternator  
(canopy)  
(4) Front Drive/Work, (4)  
Rear Work and (2) side  
docking halogen  
lights (35,200 Candlepower  
Each)  
(2) Front and (2) Rear Turn  
Signal/Flashing  
(2) Rear Stop and Tail  
(2) Rear Reflectors  
Single Battery with 180

Suspension for  
Weight/Height

Fore-Aft  
Lumbar Adjustment  
Arm Rests  
2 In. Seat Belt with  
Retractor  
Tilt Steering  
Fuel Gauge  
Engine Coolant Temperature  
Gauge  
Transmission Oil  
Temperature Gauge  
Electric Monitor System with  
Audible and Visual Warning:

Air Cleander restriction  
Low Alternator Voltage  
Engine Coolant Temperature

Engine Oil Pressure &  
Temperature  
Hydraulic Filter Restriction  
Low Brake Pressure  
Seat Belt Indicator  
Transmission Oil  
Temperature

Fuel  
Hourmeter / Tachometer /  
Voltmeter

Machine Diagnostics  
Sealed Switch Module  
Keyless Start  
Machine Security  
12 Volt Outlets (2)  
Horn

Interior Rearview Mirror  
Rotary Hand Throttle  
Suspended Foot Throttle  
Built-In Operator's Manual  
Storage Compartment  
Built-In Cup Holder  
Coat Hook

#### OVERALL VEHICLE:

(2) Front and (2) Rear built-

Wheel Drive	Minute reserve Capacity and 925 CCA	In tie Downs
Hydrostatic Power Steering with Emergency Manual Mode Power-Assisted	Blade Type Multi-Fused Circuits	One Piece Unitized Construction Mainframe
Hydraulic Service Brakes Inboard, Wet Disc, Self-Adjusting and Self-Equalizing (Conforms to ISO 3450)	By-Pass Start Safety Cover on Starter	Extended Grille Frame
Parking/Emergency Brake: Independent of Service Brakes (Confiorms to ISO 3450) Spring Applied, Hydraulically Released, Wet Multi-Disc	Positive Terminal Battery Cover	Dent Resistant Rear Fenders
HYDRAULICS: 36 GPM ( 136 L/m) Tandem Gear Pump - Open Center Dedicated Hydraulic Reservoir	OPERATOR STATION: Modular Design ROPS/FOPS Level 2 Canopy Isolation Mounted with Molded Roof (Conforms to SAE J1040)	Vandal Protection Locking for:
	Left and Right Side Access Molded Floor Mat and Headliner	Engine Hood
	Slip Resistant Steps and Ergonomically Located Handholds (Conforms to SAE J185)	Monitor
	Seat, Deluxe Deep Foam, Vinyl Cover, High Back with Adjustable:	Tool Box
		Fuel Tank
		Hydraulic Reservoir
		37 Gal. (140+A86L) Fuel Tank
		Reverse Warning Alarm
		License Plate Bracket with Light
		Ground Level Fueling
		Remote Grease Bank for Front Axle
		Tilt Hood with (2) Service Positions
		JDLink in Approved Countries

Required - *You must select one from each category*

▼ BASE MACHINE

Ex-Works Dubuque,Iowa, United States of America

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
315SL BACKHOE LOADER	0A90T	\$113,631.00

▼ ENGINE

Description	Code	Price
John Deere PowerTech PWL 4.5L (276 Cu. In.) Engine Meets Final Tier 4 and Stage IV Emissions with Net Peak Power of 99 Hp.	1065	\$9,494.00

For use only in areas where EPA Final Tier 4/EU Stage IV is required.

- Turbocharged.
- Wet Sleeve Cylinder Liners.
- 4 Valves / Cylinder.
- Electronically Controlled HPCR Fuel Delivery System, B20 Biodiesel Compatible .
- Cooled Exhaust Gas Recirculation.
- Serpentine Belt with Automatic Belt Tensioner.
- Enclosed Safety Fan Guard.
- Vertical Spin-On Engine Oil Filter.
- Spin-On Fuel Filter with Water Separator.
- Dual Safety Element Dry-Type Air Cleaner with Evacuator Valve.
- Underhood Catalysts with Vertical Curved Exhaust Stack.
- Passive flow-through Exhaust Aftertreatment system with Grid Heater.

Electronically controlled, variable-speed cooling fan.

John Deere PowerTech E 4.5L (276 Cu. In.) Engine Meets Tier 3 and Stage IIIA Emissions with Net Peak Power of 98 Hp.	1085	In Base Price
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Certified to US EPA Tier3/EU Stage IIIA.  
Available for markets requiring US EPA Interim Tier4/ EU Stage IIIB using emission credits.  
Includes Economy Mode.

John Deere PowerTech 4.5L (276 Cu. In.) Engine Meets Stage II emissions (97 Net Peak hp)	1075	No Charge
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Includes Severe-Duty Fuel Filter.  
Engine Conforms to EU Stage II emissions.  
Not available for U.S. and Canada.  
This engine may only be used in markets that are not subject to current U.S. EPA or EU nonroad emission regulations.

## 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 for the Americas, excluding Costa Rica	1700	In Base Price

Includes JDLINK hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), 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 3 year subscription. Annual subscription renewal required after 3 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 Satellite for the Americas, excluding Costa Rica	1701	\$1,807.00
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Includes JDLINK hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and JDLINK Ultimate activation.

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<p>JDLink Ultimate Cellular for Costa Rica and Countries outside the Americas</p> <p>Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and JDLink Ultimate activation.</p> <p>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.</p> <p>Includes 3 year subscription. Annual subscription renewal required after 3 years for continued functionality. JDLink customer account must be created to access JDLink Ultimate data. Go to <a href="http://www.StellarSupport.com">www.StellarSupport.com</a> to renew or update JDLink subscriptions.</p> <p>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 <a href="http://www.JohnDeere.com/Agreements">www.JohnDeere.com/Agreements</a>. If these terms and conditions are not agreeable do not proceed and do not use the service.</p>	1702	No Charge
<p>JDLink Ultimate Satellite for Costa Rica and Countries outside the Americas</p> <p>Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and JDLink Ultimate activation.</p> <p>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.</p> <p>Includes 3 year dual mode subscription. Annual subscription renewal required after 3 years for continued functionality. JDLink customer account must be created to access JDLink Ultimate data. Go to <a href="http://www.StellarSupport.com">www.StellarSupport.com</a> to renew or update JDLink subscriptions.</p> <p>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 <a href="http://www.JohnDeere.com/Agreements">www.JohnDeere.com/Agreements</a>. If these terms and conditions are not agreeable do not proceed and do not use the service.</p>	1703	\$1,807.00
<p>JDLink Ultimate Cellular for the Americas, excluding Costa Rica - 5 Years</p> <p>Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and JDLink Ultimate activation.</p> <p>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.</p> <p>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 <a href="http://www.StellarSupport.com">www.StellarSupport.com</a> to renew or update JDLink subscriptions.</p> <p>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 <a href="http://www.JohnDeere.com/Agreements">www.JohnDeere.com/Agreements</a>. If these terms and conditions are not agreeable do not proceed and do not use the service.</p>	1710	\$1,422.00
<p>JDLink Ultimate Satellite for the Americas, excluding Costa Rica - 5 Years</p> <p>Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and JDLink Ultimate activation.</p> <p>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.</p>	1711	\$3,655.00

Includes 5 year dual mode 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.

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JDLink Ultimate Cellular for Costa Rica and Countries outside the Americas - 5 Years	1712	\$1,422.00
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Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), 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](http://www.StellarSupport.com) to renew or update JDLink subscriptions.

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JDLink Ultimate Satellite for Costa Rica and Countries outside the Americas - 5 Years	1713	\$3,655.00
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Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), 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 dual mode 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.

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No JDLink Ultimate	1741	No Charge
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#### LANGUAGE DECALS

Description	Code	Price
English Decals with English Operator and Safety Manuals	2401	In Base Price

Includes English decals installed and English language operator's manual and parts book

English Decals with Spanish Decals and Manuals Seperate	2403	In Base Price
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Includes English decals installed with Spanish decal packet and English language operator's manual and parts book

English Decals with French Decals and Manuals Seperate	2404	In Base Price
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Includes English decals installed and French decal packet and English language

operator's manual and parts book

No Text Labels with English Operator and Safety Manuals	2410	In Base Price
No Text Labels with Spanish Operator and Safety Manuals	2411	In Base Price
No Text Labels with French Operator and Safety Manuals	2412	In Base Price
No Text Labels with Russian Operator and Safety Manuals	2413	In Base Price

▼ FRONT AXLE AND TRANSMISSION

Description	Code	Price
Mechanical Front Wheel Drive (MFWD) with Open Differential and 5F/2R Powershift Transmission	3075	(\$945.00)
<i>Includes torque converter with electrically actuated twist grip TCL in 1st through 4th gears.</i>		
Mechanical Front Wheel Drive (MFWD) with Limited Slip Differential and 5F/3R Autoshift Transmission	3095	\$2,876.00
<i>Autoshift can turned on/off in the SSM. When Autoshift if off, Backhoe will operate with Powershift transmission.</i>		
2 Wheel Drive with 5F/3R Powershift Transmission	3035	(\$9,400.00)
Mechanical Front Wheel Drive (MFWD) with Limited Slip Differential and 5F/3R Powershift Transmission	3065	In Base Price
<i>Includes torque converter with electrically actuated twist grip TCL in 1st through 5th gears.</i>		

▼ TIRES AND WHEELS (FRONT AND REAR)

Description	Code	Price
<u>FOR USE WITH MECHANICAL FRONT WHEEL DRIVE</u>		
Galaxy 580 Radial - 500/70R24 Rear & 340/80R18 Front	4484	\$2,693.00
<i>Tire designed for off-road operation.</i>		
Galaxy 21L 24 in. 12 PR Rear & 12.5/80-18 10PR Front	4466	\$1,352.00
Galaxy 19.5L - 24 in. 12 PR Rear & 12.5/80-18 10PR Front	4464	In Base Price
Michelin Radial - 500/70 R24 XMCL Rear & 340/80 R18 XMCL Front	4782	\$3,573.00
<i>85 in. (2.16 m) overall width. Rear tire chains require wheel spacers.</i>		
Firestone 19.5L - 24 In. 10 PR (R4) Tubeless Rear & 12.5/80 - 18 In. 12 PR Traction Front Sure Grip Lug Tires	4781	\$604.00
<i>86 in. (2.18 m) overall width. Rear tire chains require wheel spacers.</i>		
Firestone 21L - 24 12PR & 12.5/80-18 12PR Traction Sure Grip Lug, Front	4891	\$1,927.00
Galaxy 16.9-28 12PR Rear & 12.5/80 10PR Front	4468	\$298.00

Galaxy 550 Radial - 500/70R24 Rear & 340/80R18 Front	4482	\$3,812.00
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Tire designed for hard surface roading and snow.

FOR USE WITH 2 WHEEL DRIVE

Galaxy 19.5L - 24 in. 12 PR Rear & 12.5/80-18 12PR Front	4446	\$64.00
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▼ OPERATOR STATION

Description	Code	Price
Cab	2035	\$12,889.00

Isolation mounted Modular design ROPS/FOPS Level 2 (meets ISO 3449 & ISO 3471 / SAE J1040) Molded roof.

Tinted safety glass.

Deluxe interior trim.

Headliner.

Molded floor mats.

Less Radio.

Air Conditioning 26,000 BTU.

CFC free R134a refrigerant.

Heater/defrosters/pressurizer, 40,000 BTU, 3 speed.

Mechanical Suspension Deluxe, Cloth, Swivel Seat with Lumbar Adjustment and Arm Rests, Fully Adjustable.

3 in Seat Belt.

Tilt Steering Wheel.

Interior Rearview Mirror

Front 2-speed wiper with windshield washer and rear 1-speed wiper.

(2) front driving/working halogen lights - 32,500 Candlepower Each

(2) rear working halogen lights - 32,500 Candlepower Each

(6) additional work roof lights adds 2 front, 2 rear and 1 on each side of roof

(4) turn signal/flashing/rear stop/tail lights - 2 front and rear

(2) rear reflector

See Order As Desired codes for additional Cab options not included in standard Cab (i.e. Air Suspension Seat, Radio, Sun Visor).

▼ BATTERY

Description	Code	Price
Single Battery, 150 Minute Reserve Capacity (950 CCA)	8625	In Base Price

Single Battery With Disconnect and Jump Post	8635	\$250.00
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Dual Batteries, 300 Minute Reserve Capacity (1900 CCA)	8675	\$279.00
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Recommended for temperatures below 32 degrees F (0 degrees C).

Dual Batteries With Disconnect and Jump Post	8685	\$529.00
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Recommended for temperatures below 32 degrees F (0 degrees C).

▼ BACKHOE DIPPERSTICK

Description	Code	Price
Standard Dipperstick	6010	In Base Price

Standard stabilizer legs.

Extendible Dipperstick	6020	\$8,141.00
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Standard stabilizer legs.

▼ REAR HYDRAULICS

Description	Code	Price
No Auxiliary	6210	In Base Price
<i>Requires code 6010.</i>		
Auxiliary Hydraulic with One Way Flow (Hammer)	6220	\$2,608.00
<i>Includes plumbing to end of dipperstick.</i>		

▼ BACKHOE CONTROLS

Description	Code	Price
Mechanical Controls, Two Lever, ISO (DEERE)	5225	In Base Price
Pilot Controls, Two Lever, with Pattern Selection	5285	\$2,594.00
<i>Horn button integrated into pilot control levers.</i>		
Mechanical Controls, Two Lever, SAE (Excavator)	5275	\$241.00

▼ BACKHOE BUCKETS

*For Deere buckets:  
All buckets include lift holes.*

Description	Code	Price
Less Backhoe Bucket with Bucket Pins	5600	In Base Price
24" (610 mm) Wide, Heavy-Duty, 7.5 Cu. Ft. (0.21 Cu. M.) Capacity Bucket	5656	\$1,251.00
<i>Bucket includes TK Teeth.</i>		
12 In. (305 mm) Wide Bucket, 3.3 Cu. Ft. (0.09 Cu. M.) Capacity Buckets	5616	\$1,101.00
<i>Bucket includes TK Teeth.</i>		

▼ BACKHOE QUICK COUPLERS

Description	Code	Price
Less Coupler	5400	In Base Price

▼ LOADER HYDRAULICS

*All selections come with Return to Dig feature.*

Description	Code	Price
Two-Function Loader Hydraulics, Single Lever	7025	In Base Price
Three-Function Loader Hydraulics, Dual Lever	7075	\$1,671.00
Three-Function Loader Hydraulics, Single Lever	7080	\$3,181.00

*Single lever loader control with electro-hydraulic auxiliary control, clutch disconnect, and momentary MFWD.  
For multi-purpose bucket and front attachments.*

Includes valve with circuit relief and 5 In. (12.7 mm) hoses and steel lines to loader cross tube.

## FRONT COUNTERWEIGHTS (PICK 1)

### 315SL COUNTERWEIGHT SELECTION CHART

Select the Proper Counterweight for the Machine and Optional Equipment

Add/subtract the options front axle percent. Then add the counterweight that gives the desired weight distribution (between 27-32%, Target - 30%) to select counterweight.

"To this percent weight, add/subtract the following option percents, according to configuration as ordered."

Base..... +27.6%  
 Extendable..... -2.6%  
 Backhoe Attachment over 600 lbs..... -1.0%  
 Multi-Purpose Loader Bucket..... +5.5%  
 Standard Front Axle ..... -2.1%

"Choose counterweight which results in the target front axle weight percent"

#### Counterweight Options

Bumper ..... 0.0%  
 450 lb. Counterweight ..... 2.2%  
 750 lb. Counterweight ..... 3.7%  
 1,000 lb. Counterweight ..... 4.8%  
 1,250 lb. Counterweight ..... 5.8%

\*\*\* Base calculated using an Extendable dipper, Cab, Mechanical Front Wheel Drive, Standard Loader bucket, and a Standard Backhoe bucket.

Description	Code	Price
Heavy-Duty Bumper	8415	\$214.00
450 Lb. (204 kg) Front Counterweight	8425	\$576.00
750 Lb. (340 kg) Front Counterweight	8455	\$971.00
1000 Lb. (454 kg) Front Counterweight	8475	\$1,337.00
1250 Lb. (567 kg) Front Counterweight	8485	\$1,711.00

## LOADER BUCKETS

Loader Buckets include Skid Plates and Lift Hooks unless stated otherwise.

Description	Code	Price
Less Loader Bucket with Pins for Buckets or Front Attachments	7600	In Base Price
<i>Old Style pins will be necessary with older buckets and attachments.</i>		
1.0 Cu. Yd. (.76 Cu. M.) Heavy-Duty 86 in. (2.18 m) wide Bucket with Bolt On Teeth and No Skid Plates	7610	\$2,361.00
1.3 Cu. Yd. (1.0 Cu. M.) 92 in. (2.34 m) wide Heavy Duty Long Lip Bucket with Bolt on Cutting Edge and with Skid Plates	7645	\$3,105.00
1.25 Cu. Yd. (.96 Cu. M.), 86 in.(2.18 mm) wide Multipurpose Bucket with 23 Series Teeth	7670	\$6,738.00

Requires Code 7075, Aux. Loader Hydraulic.  
Does not include reversible bolt on cutting edge or extra skid plates.

1.32 Cu. Yd. (1.0 Cu. M.), 92 in. (2.34 m) Wide, Multipurpose Bucket with Bolt on Cutting Edge and Skid Plates	7685	\$6,979.00
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Requires Code 7075, Aux. Loader Hydraulic.  
Includes reversible bolt-on cutting edge and skid plates.  
Includes two lift holes.

1.3 Cu. Yd. (1.0 Cu. M.) 95.5 in. (2.43 m) Wide, Heavy- Duty Bucket with Bolt-on Teeth	7686	\$4,279.00
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1.32 Cu. Yd. (1.0 Cu. M.), 92 in. (2.34 m) Wide, Multipurpose Bucket with Teeth	7687	\$6,803.00
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Requires Code 7075 or 7080, Auxiliary Loader Hydraulic.  
Includes mounting ears for flip-over forks.  
Includes two lift holes.  
Includes skid plates.

### Optional - *Select as desired*

#### OPTIONAL EQUIPMENT - ORDER AS DESIRED

Description	Code	Price
<u>POWERTRAIN AND COOLING</u>		
Chrome Exhaust Extension	9045	\$173.00
Full MFWD Driveshaft Guard	9505	\$417.00
110 Volt Engine Coolant Heater (1000 Watts)	9080	\$167.00
220 Volt Engine Coolant Heater	9081	\$167.00
Includes 120-Amp Alternator		
Electric Ether Start Aid without Ether Canister	9085	\$310.00
Not for use with engine code 1065 (Final Tier Engine).		
<u>OPERATOR STATION</u>		
Ride Control	9110	\$1,935.00
Exterior Rear View Mirrors (2)	9920	\$334.00
Sun Visor	9919	\$92.00
Radio, Basic Package	9917	\$850.00
AM/FM Radio, Weather Band.		
Radio, Premium Package	9916	\$1,320.00
AM/FM Radio, Bluetooth, USB Aux Input, 3mm Line In Aux, Weather Band, XM Capable, Roof Storage Compartment for Mobile Devices.		
Less A/C	9820	\$1,200.00
Front View Mirror	9060	\$80.00

Left Side Console Storage with Cup Holders	9210	\$79.00
Seat, Cloth Air-Suspension	9965	\$490.00
<u>OVERALL VEHICLE</u>		
Viscous Variable Speed Engine Fan	9105	\$500.00
Replaces direct drive engine cooling fan for reduced noise levels & decreased fuel consumption. Only available with Tier 2 or Tier 3 Engines or the 310L EP.		
Hydraulic Fluid - Hydrau XR Synthetic Oil	9088	\$592.00
Intended for colder climates with extreme cold ambient temperatures down to -40C (-40F). Provides all-season capability in ambient temperatures ranging from -40C to 40C (-40F to 104F).		
Diagnostic Oil Sampling Ports	9515	\$201.00
Non-Export Rust Preventive Coating	9909	\$167.00
Coating protects exposed unpainted surfaces from road salt during shipment.		
Strobe Light	9905	\$572.00
Heavy-Duty Backhoe Bucket Cylinder	9140	\$266.00
Increases backhoe bucket breakout force by 27%.		
Stabilizers with Rubber Street Pads	9945	\$280.00
Front Wheel Fenders	9935	\$666.00
Requires code 3065, 3075 or 3095.		

#### ATTACHMENTS FOR FIELD CONVERSION

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

All attachments are sold as a quantity of one.

Description	Code	Price
<u>Attachments and Accessories:</u>		
Heavy Duty Stabilizer Pads	AT376410	\$450.00
Jump Start and Battery Disconnect Kit	AT437905	\$238.00
Pivotable Beacon Bracket	AT451194	\$100.00
Protection Plate, Backhoe Boom	AT333753	\$966.00
Bolt on or weld to underside of backhoe boom. Recommended for rental, lease, thumbs/clamps, swingers, jaw buckets, and non-Deere attachments on couplers.		
Standard Stabilizer Street Pads	AT376409	\$226.00

Street (Rubber) Stabilizer Feet	AT428561	\$1,312.00
<u>Buckets:</u>		
Capacity rating is with auxiliary cutting edge or teeth with segments installed		
1.32 Cu. Yd. (1.0 Cu. M.), 92 in. (2.34 m) bucket wide Multipurpose Bucket	AT448180	\$6,544.00
LDR Pin-on Multipurpose Bucket 1.15 Cu. Yd. (.88 Cu. M.) 86" in. (2.18M) with teeth	AT448179	\$6,195.00
Requires Aux. Loader Coupler Hydraulics. Includes two built-in lift loops.		
LDR Pin-on Multipurpose Bucket 1.25 Cu. Yd. (.96 Cu. M.) 86 in. (2.18 m) with Reversible Bolt On Cutting Edge and Skid Plates	AT448175	\$6,520.00
Requires Third Function Loader Control Valve Section, Controls and lines. Predrilled for seven teeth. Two built-in lift loops Proper counterweighting is required. See Counterweight Selection Chart.		
<u>Frame Attachment:</u>		
Counterweight, Front, 1,000 lbs (454 kg)	AT439072	\$1,337.00
Use with (4) T119912 AND (4) 19M9124.		
Counterweight, Front, 1,250 lbs (567 kg)	AT439073	\$1,711.00
Use with (4) T119912 AND (4) 19M9124.		
Counterweight, Front, 250 lbs (113 kg)	AT409592	\$361.00
If adding to the 450 lb. (204 KG) counterweight, order (4) T151797, (2) 19M9088, AND (2) 14M7291. For 750 lb. (340 KG), 1000 lb. (454 KG) and 1250 lb. (567 KG) counterweights, order (2) T151797 and (2) 19M8976		
Counterweight, Front, 450 lbs (204 kg)	AT439070	\$599.00
Use with (4) T119912 AND (4) 19M9124.		
Counterweight, Front, 750 lbs (340 kg)	AT439071	\$971.00
Use with (4) T119912 AND (4) 19M9124.		
<u>Guards:</u>		
MFWD Wheel Fender Kit for 18 in. tires only	AT371257	\$697.00
Requires MFWD and 12.5/80-18 or 340/80R-18 front tires.		
<u>Hydraulics:</u>		
3rd Function Linkage/Plumbing	AT448423	\$2,872.00
Includes mechanical lever in cab, linkage, plumbing and loader valve.		
Accu-Swing Kit for Backhoe	AT448457	\$805.00

Auxiliary Hydraulic Selective Flow Control Kit	AT448429	\$1,214.00
<p>Selective Flow Control Valve (9,13,16,18,22 or 25GPM) - One Way Flow  Includes control pedal and circuit relief  1000-3000 PSI Adjustable  L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.</p>		
Auxiliary Backhoe Hydraulics for Auger, Extendible Dipperstick	AT450466	\$250.00
<p>Includes fittings and hydraulic couplers for bucket cylinder.  Average installation, 1 hour.  Bucket cylinder hoses are disconnected; bucket function operates auger forward and reverse. No additional controls are required.  Dealer must supply 0.5 inch (12.7 mm) ID hoses from bucket cylinder hydraulic couplers to auger.</p>		
Auxiliary Loader Control Valve with 3 Function Hydraulics - Single Lever	AT431312	\$3,884.00
<p>L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.</p>		
Auxiliary Plumbing for Selective Flow - Extendible Dipperstick	AT450471	\$652.00
<p>Installation instructions T284829  Average installation, 2 hours.  Requires Extendible Dipperstick.  Requires Five Function Plus Selective Flow OR Selective Flow.  Includes boom and dipperstick hydraulic lines, and hardware for attaching hoses and lines from the selective flow valve section to end of Dipperstick.  Required for hammers, compactors, high or low flow motor attachments mounted on end of dipperstick.</p>		
K-Series Style Loader Control Grip Kit	AT450437	\$414.00
Kit BKHE Aux Plumbing STD Dipper	AT448427	\$464.00
<p>Requires AT408680 kit to complete activity. This is required to add a selective flow section to a side shift backhoe, L-Series requires AT448429.</p>		
<u>Operator Environment:</u>		
Autoshift Software	AT417183	View Price
<p>Order through JDPoint</p>		
Auxillary Power Ports	AT451676	\$280.00
Mounting kit for multi-purpose (ABC) Dry Chemical Fire Extinguisher	AT408903	\$96.00
<p>Kit Does not Include Fire Extinguisher.</p>		
Radio, Basic Kit	AT430023	\$850.00
<p>AM/FM Radio, Weather Band.</p>		
Radio, Premium Kit (AM/FM/WB)	AT430022	\$1,320.00
<p>AM/FM Radio, Bluetooth, USB Aux Input, 3mm Line In Aux, Weather Band, XM Capable.</p>		
Ride Control	AT431165	\$1,444.00

L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.

Ride Control Plumbing Kit	AT452094	\$682.00
Harness, plumbing, and accumulator for ride control. Must order valve and mounting plate separately.		
Sun Visor	AT186307	\$92.00
<u>Overall Vehicle:</u>		
(2) External Rear View Mirrors	AT186155	\$282.00
Bumper Grille Frame Field	AT434236	\$82.00
Environmental Drain Kit	AT393180	\$573.00
Fluid Sampling Ports	AT433274	\$480.00
Not available on Stage II (Tier 2) engines.		
LED Flood Light Kit	AT445010	\$215.00
Includes 2 lights.		
LED Spot Light Kit	AT445009	\$215.00
Includes 2 lights.		
License Plate Bracket	AT446496	\$56.00
Light not included.		
Slow Moving Vehicle Emblem	AT186288	\$111.00

## REFERRAL ATTACHMENTS

Description	Code	Price
<u>G.R. Mfg.:</u> 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		
Guard, Transmission Bottom	AT441379	\$1,579.00



**JOHN DEERE**

Current Date 13Apr2015

## 310L BACKHOE LOADER

### 310L Standard Equipment

#### COOLING SYSTEM:

Engine Radiator  
Engine Coolant -40 Degrees  
F (-40C)

Coolant Recovery Tank with  
Low Level Indicator

Oil-to-Water Engine Oil  
Cooler

Fold-Out Hinged Cooling  
System

High Ambient Temperature  
Engine Coolant

#### POWERTRAIN:

Powershift Transmission with  
Torque Converter

Single Electric Transmission  
Control Lever

(Forward/Neutral/Reverse)  
with integrated gear

selection & horn

Planetary Final Drives

Differential Lock, Foot Switch  
Activated

Mechanical Front Wheel  
Drive

Hydrostatic Power Steering  
with Emergency Manual

Mode Power-Assisted

Hydraulic Service Brakes

Inboard, Wet Disc, Self-

Adjusting and

Self-Equalizing (Conforms to  
ISO 3450)

Parking/Emergency Brake:

Independent of Service

Brakes (Conforms to

ISO 3450) Spring Applied,

Hydraulically Released, Wet  
Multi-Disc

Auto Shutdown

#### HYDRAULICS:

28 GPM (106 L/m) Single

Gear Pump - Open Center

Dedicated Hydraulic

Reservoir

Two-Direction Anti-Drift  
Valves Less Bucket with  
Bucket Pins

#### LOADER:

Return-To-Dig Feature

Bucket Level Indicator

Hydraulic Self-Leveling (anti-  
spill)

Single Lever Control with  
Electric Clutch Cut-off Switch

Less Bucket with Bucket Pins

Loader Boom Service Lock

High-Visibility Loader Arms

#### ELECTRICAL:

12 Volt System

120 Amp Alternator (canopy)

(2) front driving/working

halogen lights - 32,500

Candlepower Each

(2) rear working halogen

lights - 32,500 Candlepower  
Each

(6) additional work roof  
lights adds 2 front, 2 rear  
and 1 on each

side of roof

(4) turn signal/flashing/rear

stop tail lights - 2 front and  
rear

(2) rear reflectors

Single Battery with 180

Minute reserve Capacity and  
925 CCA

Blade Type Multi-Fused

Circuits

By-Pass Start Safety Cover  
on Starter

Positive Terminal Battery

Cover

#### OPERATOR STATION:

Modular Design ROPS/FOPS

Level 2 Canopy Isolation

Fuel Gauge

Electric Monitor System with  
Audible and Visual Warning:

Air Cleaner restriction

Low Alternator Voltage

Engine Oil Pressure

Hydraulic Filter Restriction

Park Brake On-Off

Seat Belt

Engine Coolant Temperature

Transmission Oil

Temperature

Fuel

Electric Hourmeter/

Tachometer / Voltmeter

Key Start Switch with

Electric Fuel Shut-Off

12 Volt Outlets (2)

Horn

Interior Rearview Mirror

Rotary Hand Throttle

Suspended Foot Throttle

Built-In Operator's Manual

Storage Compartment

Built-In Cup Holder

Lockable Right Hand Storage

Coat Hook

#### OVERALL VEHICLE:

(2) Front and (2) Rear built-

In tie Downs

One Piece Unitized

Construction Mainframe

Extended Grille Frame

Front Cover

Dent Resistant Rear Fenders

Vandal Protection Locking  
for:

Engine Hood

Monitor

Tool Box

Fuel Tank

6 Micron Vertical Spin-On Filter	Mounted with Molded Roof (Conforms to SAE J1040)	Hydraulic Reservoir
"O" Ring Face Seal Connectors	Left and Right Side Access	37 Gal. (140L) Fuel Tank
Circuit Relief Valve Protection	Slip Resistant Steps and Ergonomically Located Handholds (Conforms to SAE J185)	Reverse Warning Alarm
Economy Mode		19.5L- 24 In. 12 PR (R4) Tubeless Rear Tires
Auto Idle		12 - 16.5 In. 12 PR Traction Front Sure Grip Lug Tires
BACKHOE:	Seat, Deluxe Deep Foam, Vinyl Cover, High Back with Adjustable:	Ground Level Fueling
13 Ft. 11 In. (4.14 m) Digging Depth	Suspension for Weight/Height	Remote Grease Bank for Front Axle
Backhoe Transport Lock Lever	Fore-Aft Lumbar Adjustment	Removable Tool Box with Padlock Hasp
Swing Locking Pin Stored in Op. Station	Arm Rests	Tilt Hood with (2) Service Positions
ISO (Deere) Two Lever Mechanical Backhoe Controls	3 In. Seat Belt with Retractor	JDLink Ultimate in Approved Countries
Reversible Pad Stabilizer Feet with integrated lock Stabilizer	Engine Coolant Temperature Gauge	

Required - *You must select one from each category*

▼ BASE MACHINE

Ex-Works Dubuque,Iowa, United States of America

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
310L BACKHOE LOADER	0A60T	\$110,843.00

▼ ENGINE

Description	Code	Price
John Deere PowerTech PWL 4.5L (276 Cu. In.) Engine Meets Final Tier 4 and Stage IV Emissions with Net Peak Power of 93 Hp.	1065	\$6,967.00

For use only in areas where EPA Final Tier 4/EU Stage IV is required.

Turbocharged.  
Wet Sleeve Cylinder Liners.  
4 Valves / Cylinder.  
Electronically Controlled HPCR Fuel Delivery System, B20 Biodiesel Compatible .  
Cooled Exhaust Gas Recirculation.  
Serpentine Belt with Automatic Belt Tensioner.  
Enclosed Safety Fan Guard.  
Vertical Spin-On Engine Oil Filter.  
Spin-On Fuel Filter with Water Separator.  
Dual Safety Element Dry-Type Air Cleaner with Evacuator Valve..  
Underhood Catalysts with Vertical Curved Exhaust Stack.  
Passive flow-through Exhaust Aftertreatment system with Grid Heater.  
Electronically controlled, variable-speed cooling fan.

▼ 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
<p>JDLink Ultimate Cellular for the Americas, excluding Costa Rica</p> <p>Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and JDLink Ultimate activation.</p> <p>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.</p> <p>Includes 3 year subscription. Annual subscription renewal required after 3 years for continued functionality. JDLink customer account must be created to access JDLink Ultimate data. Go to <a href="http://www.StellarSupport.com">www.StellarSupport.com</a> to renew or update JDLink subscriptions.</p> <p>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 <a href="http://www.JohnDeere.com/Agreements">www.JohnDeere.com/Agreements</a>. If these terms and conditions are not agreeable do not proceed and do not use the service.</p>	1700	In Base Price
<p>JDLink Ultimate Satellite for the Americas, excluding Costa Rica</p> <p>Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and JDLink Ultimate activation.</p> <p>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.</p> <p>Includes 3 year dual mode subscription. Annual subscription renewal required after 3 years for continued functionality. JDLink customer account must be created to access JDLink Ultimate data. Go to <a href="http://www.StellarSupport.com">www.StellarSupport.com</a> to renew or update JDLink subscriptions.</p> <p>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 <a href="http://www.JohnDeere.com/Agreements">www.JohnDeere.com/Agreements</a>. If these terms and conditions are not agreeable do not proceed and do not use the service.</p>	1701	\$1,807.00
<p>JDLink Ultimate Cellular for the Americas, excluding Costa Rica - 5 Years</p> <p>Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and JDLink Ultimate activation.</p> <p>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.</p> <p>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 <a href="http://www.StellarSupport.com">www.StellarSupport.com</a> to renew or update JDLink subscriptions.</p> <p>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 <a href="http://www.JohnDeere.com/Agreements">www.JohnDeere.com/Agreements</a>. If these terms and conditions are not agreeable do not proceed and do not use the service.</p>	1710	\$1,422.00
<p>JDLink Ultimate Satellite for the Americas, excluding Costa Rica - 5 Years</p>	1711	\$3,655.00

Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), 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 dual mode 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.



#### LANGUAGE DECALS

Description	Code	Price
English Decals with English Operator and Safety Manuals	2401	In Base Price
Includes English decals installed and English language operator's manual and parts book		
English Decals with Spanish Decals and Manuals Separate	2403	In Base Price
Includes English decals installed with Spanish decal packet and English language operator's manual and parts book		
English Decals with French Decals and Manuals Separate	2404	In Base Price
Includes English decals installed and French decal packet and English language operator's manual and parts book		



#### FRONT AXLE AND TRANSMISSION

Description	Code	Price
Mechanical Front Wheel Drive (MFWD) with Open Differential and 4F/2R Powershift Transmission	3075	In Base Price
Includes torque converter with electrically actuated twist grip TCL in 1st through 4th gears.		
2 Wheel Drive with 4F/2R Powershift Transmission	3035	(\$11,744.00)
Includes torque converter with electrically actuated twist grip TCL in 1st through 4th gears.		
Mechanical Front Wheel Drive (MFWD) with Limited Slip Differential and 4F/2R Powershift Transmission	3065	\$945.00
Includes torque converter with electrically actuated twist grip TCL in 1st through 4th gears.		



#### TIRES AND WHEELS (FRONT AND REAR)

Description	Code	Price
<u>FOR USE WITH MECHANICAL FRONT WHEEL DRIVE</u>		
Galaxy 580 Radial - 500/70R24 Rear & 340/80R18 Front	4484	\$2,693.00
Tire designed for off-road operation.		
Galaxy 21L 24 in. 12 PR Rear & 12.5/80-18 10PR Front	4466	\$1,778.00

Galaxy 19.5L - 24 in. 12 PR Rear & 12.5/80-18 10PR Front	4464	\$432.00
Galaxy 19.5L - 24 in. 12 PR Rear & 12-16.5 R4 12PR Front	4462	In Base Price
Firestone 21L - 24 12PR & 12.5/80-18 12PR Traction Sure Grip Lug, Front	4891	\$1,888.00
92 Inches (2.33 M) overall width. Rear tire chains require wheel spacers. Requires Axle Code 3045.		
Michelin Radial - 500/70 R24 XMCL Rear & 340/80 R18 XMCL Front	4782	\$3,573.00
Firestone 19.5L - 24 In. 10 PR (R4) Tubeless Rear & 12.5/80 - 18 In. 12 PR Traction Front Sure Grip Lug Tires	4781	\$604.00
86 in. (2.18 m) overall width. Rear tire chains require wheel spacers.		
Galaxy 550 Radial - 500/70R24 Rear & 340/80R18 Front	4482	\$3,812.00
Tire designed for hard surface roading and snow.		
<b><u>FOR USE WITH 2 WHEEL DRIVE</u></b>		
Galaxy 19.5L - 24 in. 12 PR Rear & 12.5/80-18 12PR Front	4446	\$430.00

#### OPERATOR STATION

Description	Code	Price
Canopy (ROPS/FOPS)	2015	In Base Price
Isolation mounted Modular design ROPS/FOPS Level 2 (meets ISO 3449 & ISO 3471 / SAE J1040) Molded roof. Molded floor mats if Code 5285 is ordered . Mechanical Suspension Deluxe, Vinyl, Swivel Seat with Lumbar Adjustment and Arm Rests, Fully Adjustable. 3 In. Retractable Seat Belt. (2) front driving/working halogen lights - 32,500 Candlepower Each (2) rear working halogen lights - 32,500 Candlepower Each (6) additional work roof lights adds 2 front, 2 rear and 1 on each side of roof (4) turn signal/flashing/rear stop/tail lights - 2 front and rear (2) rear reflectors		
Quarter Cab (Window in Front)	2010	\$1,194.00
Isolation mounted Modular design ROPS/FOPS Level 2 (meets ISO 3449 & ISO 3471 / SAE J1040) Molded roof. Molded floor mats if Code 5285 is ordered. Mechanical Suspension Deluxe, Vinyl, Swivel Seat with Lumbar Adjustment and Arm Rests, Fully Adjustable. 3 In. Retractable Seat Belt. Front wiper with windshield washer (2) front driving/working halogen lights - 35,200 Candlepower Each (2) rear working halogen lights - 35,200 Candlepower Each (6) additional work roof lights adds 2 front, 2 rear and 1 on each side of roof (4) turn signal/flashing/rear stop/tail lights - 2 front and rear (2) rear reflectors		
Cab	2035	\$11,547.00
Isolation mounted Modular design ROPS/FOPS Level 2 (meets ISO 3449 & ISO 3471 / SAE J1040) Molded roof. Tinted safety glass. Deluxe interior trim.		

Headliner.  
 Molded floor mats.  
 Less Radio.  
 Air Conditioning 26,000 BTU.  
 CFC free R134a refrigerant.  
 Heater/defrosters/pressurizer, 40,000 BTU, 3 speed.  
 Mechanical Suspension Deluxe, Cloth, Swivel Seat with Lumbar Adjustment and Arm Rests, Fully Adjustable.  
 3 in Seat Belt.  
 Tilt Steering Wheel.  
 Interior Rearview Mirror  
 Front 2-speed wiper with windshield washer and rear 1-speed wiper.  
 (2) front driving/working halogen lights - 32,500 Candlepower Each  
 (2) rear working halogen lights - 32,500 Candlepower Each  
 (6) additional work roof lights adds 2 front, 2 rear and 1 on each side of roof  
 (4) turn signal/flashing/rear stop/tail lights - 2 front and rear  
 (2) rear reflector

See Order As Desired codes for additional Cab options not included in standard Cab (i.e. Air Suspension Seat, Radio, Sun Visor).

▼ BATTERY

Description	Code	Price
Single Battery, 150 Minute Reserve Capacity (950 CCA)	8625	In Base Price
Single Battery With Disconnect and Jump Post	8635	\$250.00
Dual Batteries, 300 Minute Reserve Capacity (1900 CCA)	8675	\$279.00
Dual Batteries With Disconnect and Jump Post	8685	\$529.00

▼ BACKHOE DIPPERSTICK

Description	Code	Price
Standard Dipperstick	6010	In Base Price
Standard stabilizer legs.		
Extendible Dipperstick	6020	\$9,343.00
Extended stabilizer legs.		

▼ REAR HYDRAULICS

Description	Code	Price
No Auxiliary	6210	In Base Price
Auxiliary Hydraulic with One Way Flow (Hammer)	6220	\$2,685.00
Includes plumbing to end of dipperstick.		
Auxiliary Hydraulic with One & Two Way Flow (Hammer & Thumb/Swinger)	6230	\$3,597.00
Includes plumbing to end of dipperstick for one way flow valve. Less plumbing for two way flow valve. Requires code 6010. Provides thumb mounting ears on dipperstick if available on that model.		

▼ BACKHOE CONTROLS

Description	Code	Price
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Mechanical Controls, Two Lever, ISO (DEERE)	5225	In Base Price
Pilot Controls, Two Lever, with Pattern Selection	5285	\$2,594.00

Horn button integrated into pilot control levers.

## BACKHOE BUCKETS

For Deere buckets:  
All buckets include lift holes.

Description	Code	Price
Less Backhoe Bucket with Bucket Pins	5500	In Base Price

24" (610mm) Wide - Regular - 6.5 Cu. Ft. (0.18 Cu. M.) Capacity Bucket	5554	\$1,309.00
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12 In. (305 mm) Wide Bucket, 3.3 Cu. Ft. (0.09 Cu. M.) Capacity Buckets	5616	\$1,101.00
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Bucket includes TK Teeth.

18" (457 mm) Wide, Heavy-Duty, 5.1 Cu. Ft. (0.14 Cu. M.) Capacity Bucket	5626	\$1,309.00
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Bucket includes TK Teeth.

Top Hook 18" (457 mm) Wide, Heavy-Duty, 5.1 Cu. Ft. (0.14 Cu. M.) Capacity Coupler Bucket	5630	\$1,278.00
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Bucket includes TK Teeth.  
Requires Code 5430 Top Hook Coupler.

24" (610 mm) Wide, Heavy-Duty, 7.5 Cu. Ft. (0.21 Cu. M.) Capacity Bucket	5656	\$1,333.00
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Bucket includes TK Teeth.

Top Hook 24" (610 mm) Wide, Heavy-Duty, 8.8 Cu. Ft. (0.25 Cu. M.) Capacity Coupler Bucket	5660	\$1,772.00
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Bucket includes TK Teeth.  
Requires Code 5430 Top Hook Coupler.

## BACKHOE QUICK COUPLERS

Description	Code	Price
Less Coupler	5400	In Base Price

DEERE Standard Quick Coupler	5410	\$1,231.00
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For use with DEERE 310E, G, J, K, L Series Backhoe Buckets. Not compatible with 310SE, SG, SJ, SK, SL; 410E, G, J, K, L buckets.

Multi-Brand Quick Coupler	5420	\$1,399.00
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For use with DEERE C, D, SE, SG, SJ, SK, SL & SL HL Series buckets and with Case K, L, M and CAT C Series Buckets.  
Not for use with 710 Buckets.  
Not compatible with Case N-Series.

Spacers are recommended for Cat and Case buckets, see bulletin 07BH08 for details.

Top Hook Quick Coupler	5430	\$1,122.00
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For use with DEERE Top Hook Coupler bucket codes 5630 or 5660 and CP or Pre-XLS Wain Roy Top Hook Bucket.  
Top Hook Coupler will not work with DEERE thumbs.

## LOADER HYDRAULICS

All selections come with Return to Dig feature.

Description	Code	Price
Two-Function Loader Hydraulics, Single Lever	7025	In Base Price

Loader Coupler, 2-Function Hydraulics, Single Lever	7035	\$6,646.00
---	------	------------

Includes Ride Control  
Cannot be used with Code 9110 Ride Control  
Will accept G, J, K, and L-Series loader coupler buckets

Three-Function Loader Hydraulics, Dual Lever	7075	\$1,781.00
--	------	------------

For multi-purpose bucket and front attachments.

Three-Function Loader Hydraulics, Single Lever	7080	\$3,181.00
--	------	------------

Single lever loader control with electro-hydraulic auxiliary control, clutch disconnect, and momentary MFWD.  
For multi-purpose bucket and front attachments.  
Includes valve with circuit relief and 5 in. (12.7 mm) hoses and steel lines to loader cross tube.

Loader Coupler, 3-Function Hydraulics, Single Lever	7085	\$9,707.00
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Includes Ride Control  
Not for use with Code 9110 Ride Control  
For multi-purpose coupler bucket and front attachments.  
Includes valve with circuit relief and .5 in. (12.7 mm) hoses and steel lines to loader cross tube.  
Will accept G, J, K, and L-Series loader coupler buckets.

## FRONT COUNTERWEIGHTS (PICK 1)

### 310L & 310L EP COUNTERWEIGHT SELECTION CHART

Select the Proper Counterweight for the Machine and Optional Equipment.  
Add/subtract the options front axle percent. Then add the counterweight that gives the desired weight distribution (between 27-32%, Target - 30%) to select counterweight.

310L Base configuration\*\*\* has 29.9% weight on front axle.  
310L EP Base configuration\*\*\*has 29.7% weight on front axle.

Base.....	+29.9% or 29.7%
Extendable.....	-4.1%
Backhoe Coupler.....	-1.8%
Backhoe Attachment over 600 lbs.....	-2.0%
Multi-Purpose Loader Bucket.....	+7.3%
Loader Coupler.....	+5.0%
Standard Front Axle .....	-1.4%
Cab .....	-1.0%

"Choose counterweight which results in the target front axle weight percent"

### Counterweight Options

Bumper .....	0.0%
450 lb. Counterweight .....	2.9%
750 lb. Counterweight .....	4.6%
1,000 lb. Counterweight .....	6.2%
1,250 lb. Counterweight .....	7.7%

\*\*\* Base calculated using an Extendable dipper, Cab, Mechanical Front Wheel Drive, Standard Loader bucket, and a Standard Backhoe bucket.

Description	Code	Price
Front Cover	8410	In Base Price
Heavy-Duty Bumper	8415	\$217.00
450 Lb. (204 kg) Front Counterweight	8425	\$599.00
750 Lb. (340 kg) Front Counterweight	8455	\$971.00
1000 Lb. (454 kg) Front Counterweight	8475	\$1,337.00
1250 Lb. (567 kg) Front Counterweight	8485	\$1,711.00

## LOADER BUCKETS

Loader Buckets include Skid Plates and Lift Hooks unless stated otherwise.

Description	Code	Price
Less Loader Bucket with Pins for Buckets or Front Attachments	7600	In Base Price

Old Style pins will be necessary with older buckets and attachments.

### PIN-ON LOADER BUCKETS (Not for use with Coupler)

Not compatible with 7035 and 7085.

1.0 yd3 (0.76 Cu. M) Long-Lip Bucket with Auxiliary Cutting Edge and no Skid Plates	7615	\$2,627.00
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Bucket Capacity is without Cutting Edge.

1.0 Cu. Yd. (.76 Cu. M.) Heavy-Duty 86 in. (2.18 m) wide Bucket with Bolt-On Cutting Edge and Skid Plates	7635	\$3,177.00
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Bucket Capacity is without Cutting Edge.

1.25 Cu. Yd. (.96 Cu. M.) 86 in. (2.18 m) Wide Long Lip Bucket no Auxiliary Cutting Edge, with Factory Skid Plates and no Additional Skid Shoes	7640	\$3,027.00
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1.25 Cu. Yd. (.96 Cu. M.), 86 in.(2.18 m) wide Multipurpose Bucket	7675	\$7,019.00
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Requires Code 7075, Aux. Loader Hydraulics.  
Includes reversible bolt-on cutting edge and skid plates.  
Pre-drilled for seven teeth.  
Order teeth from parts.  
Includes two lift holes.

### COUPLER LOADER BUCKETS

Requires codes 7035 or 7085 Loader Coupler

Less Coupler Bucket	7605	No Charge
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1.3 Cu. Yd. (1.0 Cu. M.) 92 in. (2.34 m) wide Heavy-Duty Long-Lip Coupler Bucket with Cutting Edges and Skid	7650	\$3,428.00
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Plates.

Optional - *Select as desired*
 OPTIONAL EQUIPMENT - ORDER AS DESIRED

Description	Code	Price
<u>POWERTRAIN AND COOLING</u>		
Chrome Exhaust Extension	9045	\$173.00
Full MFWD Driveshaft Guard	9505	\$417.00
110 Volt Engine Coolant Heater (1000 Watts)	9080	\$167.00
Requires Dual Batteries code 8675 or 8685.		
Electric Ether Start Aid without Ether Canister	9085	\$310.00
Not for use with engine code 1065 (Final Tier Engine).		
<u>OPERATOR STATION</u>		
Ride Control	9110	\$1,935.00
Exterior Rear View Mirrors (2)	9920	\$334.00
Sun Visor	9919	\$92.00
Radio, Basic Package	9917	\$850.00
AM/FM Radio, Weather Band.		
Radio, Premium Package	9916	\$1,320.00
AM/FM Radio, Bluetooth, USB Aux Input, 3mm Line In Aux, Weather Band, XM Capable, Roof Storage Compartment for Mobile Devices.		
Headliner - Canopy	9117	\$145.00
Tilt Steering - Canopy	9118	\$546.00
Floor Mat - Canopy	9119	\$364.00
Front View Mirror	9060	\$80.00
Left Side Console Storage with Cup Holders	9210	\$79.00
Machine Security	9095	\$438.00
User-defined codes to enable start of machine.		
Seat, Cloth Air-Suspension	9965	\$490.00
<u>OVERALL VEHICLE</u>		
Hydraulic 4-Tine (Standard Dipperstick) Backhoe Thumb	9020	\$6,583.00
Requires code 6230 Hydraulics. Includes plumbing from valve to thumb. Requires backhoe bucket code 5500, 5656. Not for use with backhoe coupler Codes 5430.		

Boom Protection Plate	9190	\$580.00
Diagnostic Oil Sampling Ports	9515	\$201.00
Requires code engine code 1085 or 1095. Includes 4 ports: Engine oil Engine coolant Transmission oil Hydraulic oil.		
Hydraulic Fluid - Hydrau XR Synthetic Oil	9088	\$592.00
Intended for colder climates with extreme cold ambient temperatures down to -40C (-40F). Provides all-season capability in ambient temperatures ranging from -40C to 40C (-40F to 104F).		
Non-Export Rust Preventive Coating	9909	\$167.00
Coating protects exposed unpainted surfaces from road salt during shipment.		
Strobe Light	9905	\$572.00

#### 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.johndeeretechno.com](http://www.johndeeretechno.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
<u><a href="#">Attachments and Accessories:</a></u>		
Coupler, Deere Backhoe Bucket	AT336314	\$1,294.00
Fits 310E, 310G, 310J, 310K and 310K EP backhoes. For use with 310E, 310G, 310J, 310K 310K EP backhoe buckets Proper counterweight is required. See Counterweight Selection Chart. Recommend Backhoe Boom Bolt-on Protection Plate.		
Coupler, Top Hook Backhoe Mechanical	AT315337	\$1,100.00
Fits John Deere C-D-E-G-J-K and L Series except 710D buckets. Fits Case K and L Series and Cat B and C Series Buckets. Recommend 300D-510D and 210C-610C buckets, use high strength pins: AT181348, Pin for 12 Inch Buckets AT179130, Pin for 18-36 Inch Buckets Proper counterweight is required. See Counterweight Selection Chart. Recommend Backhoe Boom Bolt-on Protection Plate.		
Coupler, Universal Backhoe Bucket	AT336313	\$1,310.00
Fits John Deere C-D-E-G and J Series except 710D buckets Fits Case K and L Series and Cat B and C Series Buckets. Recommend 300D-510D and 210C-610C buckets, use high strength pins: AT181348, Pin for 12 Inch Buckets AT179130, Pin for 18-36 Inch Buckets Proper counterweighting is required. See Counterweight Selection Chart. Recommend Backhoe Boom Bolt-on Protection Plate. Spacers are recommended for CAT and Case buckets, see bulletin 07BH08 for details.		

Heavy Duty Stabilizer Pads	AT376410	\$450.00
Hydraulic 2-Tine Thumb Kit	AT456086	\$5,179.00
Recommended for use with 18 & 30 in. Backhoe Buckets. Requires plumbing kit.		
Hydraulic 4-Tine Thumb Kit	AT456087	\$5,179.00
Recommended for use with 24 in. Backhoe Buckets. Requires Plumbing Kit.		
Jump Start and Battery Disconnect Kit	AT437905	\$238.00
Pivotable Beacon Bracket	AT451194	\$100.00
Standard Stabilizer Street Pads	AT376409	\$226.00
<u>Buckets:</u>		
Capacity rating is with auxiliary cutting edge or teeth with segments installed		
BKH Pin-on 18 In. (457 mm) Heavy-Duty 5.1 Cu. Ft. (0.14 Cu. M.)	AT437349	\$1,258.00
BKH Pin-on 18 In. (457 mm) Standard Duty 4.6 Cu. Ft. (0.13 Cu. M.)	AT437348	\$1,035.00
BKH Pin-on 24 In. (610 mm) Standard Duty 6.5 Cu. Ft. (0.18 Cu. M.)	AT437350	\$1,216.00
BKH Pin-on Bucket 12 In. (305 mm) Heavy-Duty 3.3 Cu. Ft. (0.09 Cu. M.)	AT437347	\$1,077.00
BKH Pin-on Bucket 24 In. (610 mm) Heavy-Duty 7.5 Cu. Ft. (0.21 Cu. M.)	AT437351	\$1,354.00
BKH Pin-on Bucket 24 In. (610 mm) Heavy-Duty 8.8 Cu. Ft. (0.25 Cu. M.)	AT437352	\$1,726.00
BKH Pin-on Bucket 30 In. (762 mm) Heavy-Duty 10.0 Cu. Ft. (0.28 Cu. M.)	AT437353	\$1,639.00
BKH Power Link Grease Kit	AT194493	\$52.00
BKH Top Hook Coupler Bucket 12 in. (305 mm) Heavy Duty 3.3 Cu. Ft. (.09 Cu. M.)	AT437361	\$1,059.00
BKH Top Hook Coupler Bucket 18 in. (457 mm) Heavy Duty - 5.1 Cu. Ft. (0.14 Cu. M.)	AT437362	\$1,223.00
BKH Top Hook Coupler Bucket 24 in. (610 mm) Heavy Duty 7.5 Cu. Ft. (0.21 Cu. M.)	AT437363	\$1,433.00
LDR Coupler Bucket 1.0 Cu. Yd. (.76 Cu. M.) Heavy Duty 86 in. (2.18 m) wide with Reversible Bolt On Cutting Edge with Skid Plates	AT308991	\$2,852.00
LDR Coupler Bucket 1.13 Cu. Yd. (.86 Cu. M.) Heavy Duty 86 in. (2.18 m) wide Long Lip with Reversible Bolt On Cutting Edge and Skid Plates	AT308970	\$3,041.00
LDR Coupler Bucket 1.25 Cu. Yd. (.96 Cu. M.) Heavy Duty 86 in. (2.18 m) wide Long Lip without Bolt-On Cutting	AT308968	\$2,838.00

## Edges or Skid Plates

LDR Coupler Bucket 1.32 cu. yd. (1.0 cu. m) Heavy Duty 92 in. (2.34 m) Long Lip with Reversible Bolt On Cutting Edge and Skid Plates	AT308966	\$3,511.00
LDR Pin-on Bucket 1.0 cu. yd. (.76 cu. m) Heavy Duty 86 in. (2.18 m) wide with Skid Plates	AT308040	\$2,462.00
LDR Pin-on Bucket 1.13 Cu. Yd. (.86 Cu. M.) Heavy Duty 86 in. (2.18 m) wide with Reversible Bolt On Cutting Edge and Skid Plates	AT308071	\$3,053.00
LDR Pin-on Bucket 1.2 Cu.Yd. (.90 Cu. M.) Narrow 82 in. (2.08 m) Heavy-Duty Long Lip Narrow and Skid Plates	AT308188	\$2,540.00
LDR Pin-on Bucket 1.25 Cu. Yd. (.96 Cu. M.) Heavy Duty 86 in. (2.18 m) Long Lip and Skid Plates	AT308076	\$2,809.00
LDR Pin-on Multipurpose Bucket 1.00 Cu. Yd. (.76 Cu. M.) 82 in. (2.08 m) with Reversible Bolt On Cutting Edges and Skid Plates	AT448174	\$5,640.00
LDR Pin-on Multipurpose Bucket 1.25 Cu. Yd. (.96 Cu. M.) 86 in. (2.18 m) with Reversible Bolt On Cutting Edge and Skid Plates	AT448175	\$6,520.00
<p>Requires Third Function Loader Control Valve Section, Controls and lines.  Predrilled for seven teeth.  Two built-in lift loops  Proper counterweighting is required.  See Counterweight Selection Chart.</p>		
Loader Coupler Attachment Adapter Hook Plates (2) Standard	AT336927	\$1,757.00
<u>Frame Attachment:</u>		
Counterweight, Front, 1,000 lbs (454 kg)	AT439072	\$1,337.00
Use with (4) T119912 AND (4) 19M9124.		
Counterweight, Front, 1,250 lbs (567 kg)	AT439073	\$1,711.00
Use with (4) T119912 AND (4) 19M9124.		
Counterweight, Front, 250 lbs (113 kg)	AT409592	\$361.00
<p>If adding to the 450 lb. (204 KG) counterweight, order (4) T151797, (2) 19M9088, AND (2) 14M7291.  For 750 lb. (340 KG), 1000 lb. (454 KG) and 1250 lb. (567 KG) counterweights, order (2) T151797 and (2) 19M8976</p>		
Counterweight, Front, 450 lbs (204 kg)	AT439070	\$599.00
Use with (4) T119912 AND (4) 19M9124.		
Counterweight, Front, 750 lbs (340 kg)	AT439071	\$971.00
Use with (4) T119912 AND (4) 19M9124.		
<u>Front Attachments:</u>		
Forks, Pallet (2) 60 in.(1.52m) with 60 in. (1.52m) Coupler Fork Carriage	AT308139	\$3,565.00

Forks, Pallet (2) 48 in.(1.22m) with 60 in. (1.52m) Coupler Fork Carriage	AT308138	\$3,394.00
<u>Guards:</u>		
Backhoe Boom Protection Plate	AT407513	\$1,040.00
MFWD Wheel Fender Kit for 18 in. tires only	AT371257	\$697.00
Requires MFWD and 12.5/80-18 or 340/80R-18 front tires.		
Wheel Fender Kit for 16.5 in. tires only	AT388473	\$697.00
Requires MFWD and 305/70D16.5 or 12-16.5 front tires.		
<u>Hydraulics:</u>		
3rd Function Linkage/Plumbing	AT448423	\$2,872.00
Includes mechanical lever in cab, linkage, plumbing and loader valve.		
Accu-Swing Kit for Backhoe	AT431340	\$474.00
Includes two circuit reliefs, fittings, clamps and hardware. Installation instructions T210751.		
Auxiliary Hydraulic Selective Flow Control Kit	AT448429	\$1,214.00
Selective Flow Control Valve (9,13,16,18,22 or 25GPM) - One Way Flow Includes control pedal and circuit relief 1000-3000 PSI Adjustable L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.		
Auxiliary Backhoe Hydraulic Plumbing Kit for Thumb, Clamp, Swinger or Jaw Bucket	AT194368	\$232.00
Average installation, 2 hours. Includes two circuit reliefs, fittings, clamps and hardware. For Low Flow intermittent usage. Requires Dealer to make eight hoses per installation instructions. Requires unit to have unused 5th, 6th or 7th 2 way hydraulic functions and foot pedal to activate.		
Auxiliary Backhoe Hydraulics for Auger, Extendible Dipperstick	AT450466	\$250.00
Includes fittings and hydraulic couplers for bucket cylinder. Average installation, 1 hour. Bucket cylinder hoses are disconnected; bucket function operates auger forward and reverse. No additional controls are required. Dealer must supply 0.5 inch (12.7 mm) ID hoses from bucket cylinder hydraulic couplers to auger.		
Auxiliary Backhoe Hydraulics for Auger, Standard Dipperstick	AT448424	\$446.00
Includes fittings and hydraulic couplers for bucket cylinder. Average installation, 1 hour. Bucket cylinder hoses are disconnected; bucket function operates auger forward and reverse. No additional controls are required. Dealer must supply 0.5 inch (12.7 mm) ID hoses from bucket cylinder hydraulic couplers to auger.		
Auxiliary Loader Control Valve w/3 Function Hydraulics - 1 Lever for Multipurpose Bucket and Front Attachments	AT455847	\$3,923.00

Must order applicable Software Part Number in JDPoint for Field Kit to function properly.

<p>Auxiliary Plumbing for Selective Flow - Extendible Dipperstick</p> <p>Average installation, 2 hours. Requires Extendible Dipperstick. Requires Five Function Valve Plus Selective Flow Valve OR Selective Flow Valve. Includes boom and dipperstick hydraulic lines, and hardware for attaching hoses and lines from the selective flow valve section to end of Dipperstick. Required for hammers, compactors, high or low flow motor attachments mounted on end of Dipperstick.</p>	AT431294	\$662.00
<p>Auxiliary Plumbing for Selective Flow - Standard Dipperstick</p> <p>Average installation, 2 hours. Requires Standard Dipperstick. Requires Five Function Valve Plus Selective Flow Valve OR Selective Flow Valve. Includes boom and dipperstick hydraulic lines, and hardware for attaching hoses and lines from the selective flow valve section to end of Dipperstick. Required for hammers, compactors, high or low flow motor attachments mounted on end of Dipperstick.</p>	AT431293	\$588.00
<p>Fifth Function Control Valve Section (Without Circuit Reliefs)</p>	AT192247	\$1,394.00
<p>Hand Held Hydraulics</p> <p>Plumbing routed from the backhoe valve to above the battery box for hook up of hand held attachments. Average installation, 4 hours. Includes two circuit reliefs, fittings, clamps and hardware. Requires Selective Flow Valve. Installed in Battery Box.</p>	AT448428	\$447.00
<p>Loader Coupler, Hydraulic</p> <p>L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.</p>	AT431299	\$5,539.00
<p>Sixth Function Control Valve Section (Without Circuit Reliefs) for Manual Controls</p> <p>Average installation, 4 hours. Can use with Four Function Control Valve, Five Function Control Valve, or Five Function Control Valve Plus Selective Flow Valve. Requires Left Pedal, (Deere, Cat or Ford Controls). Cannot be used with Case Controls. Requires Attachment Hydraulic Plumbing Kit, for cylinder operated attachments. Requires longer tie bolts. (2) T161707, (1) T161708 when used with Five Function Control Valve Plus Selective Flow Valve.</p>	AT192334	\$1,328.00
<p>Sixth Function Control Valve Section (Without Circuit Reliefs) for Pilot Controls</p> <p>Average installation, 4 hours. Can use with Four Function Control Valve, Five Function Control Valve, or Five Function Control Valve Plus Selective Flow Valve. Requires Left Pedal, (Deere, Cat or Ford Controls). Cannot be used with Case Controls. Requires Attachment Hydraulic Plumbing Kit, for cylinder operated attachments. Requires longer tie bolts. (2) T161707, (1) T161708 when used with Five Function Control Valve Plus Selective Flow Valve.</p>	AT320497	\$1,408.00

Operator Environment:

Auxillary Power Ports	AT451676	\$280.00
Case Three Lever Controls 5th Function Lever Kit	AT309740	\$191.00
Adds lever to Case 3 lever backhoe controls to operate auxiliary valve on Standard Dipperstick or operates Extendable Dipperstick..		
Case Three Lever Controls with Foot Swing	AT309739	\$875.00
For units with code 5225.		
Ford Four Lever Controls for Standard and Extendible Dipperstick	AT185628	\$2,975.00
Ford Four Lever Controls for Standard and Extendible Dipperstick. For units with code 5225.		
ISO (Deere) Two Lever Mechanical Controls	AT185624	\$493.00
Requires Right Pedal Kit, if equipped with Case controls and five function control valve. For units with code 5225.		
Mounting kit for multi-purpose (ABC) Dry Chemical Fire Extinguisher	AT408903	\$96.00
Kit Does not Include Fire Extinguisher.		
Operator Manual Tether Cables for ROPS or Cab	AT192032	\$27.00
Radio, Basic Kit	AT430023	\$850.00
AM/FM Radio, Weather Band.		
Radio, Premium Kit (AM/FM/WB)	AT430022	\$1,320.00
AM/FM Radio, Bluetooth, USB Aux Input, 3mm Line In Aux, Weather Band, XM Capable.		
Ride Control	AT431165	\$1,444.00
L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.		
Ride Control Plumbing Kit	AT452094	\$682.00
Harness, plumbing, and accumulator for ride control. Must order valve and mounting plate separately.		
Right Pedal for Fifth Function Backhoe Valve	AT185625	\$316.00
SAE Excavator Style Two Lever Controls	AT301434	\$250.00
Sixth Function Pedal for Lever Controls	AT185629	\$373.00
Sixth Function Pedal for Pilot Controls	AT301485	\$308.00
Sun Visor	AT186307	\$92.00
<u>Overall Vehicle:</u>		
(2) External Rear View Mirrors	AT186155	\$282.00

Beacon/Strobe Ready Wiring Kit	AT313589	\$34.00
Kit for aftermarket Beacon or Strobe light Kit does not include Beacon		
Bumper Grille Frame Field	AT434236	\$82.00
Environmental Drain Kit	AT393180	\$573.00
Fluid Sampling Ports	AT433274	\$480.00
Not available on Stage II (Tier 2) engines.		
LED Flood Light Kit	AT445010	\$215.00
Includes 2 lights.		
LED Spot Light Kit	AT445009	\$215.00
Includes 2 lights.		
License Plate Bracket	AT446496	\$56.00
Light not included.		
Machine Security	AT339526	\$416.00
K-Series backhoes except the 310K and 310K EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.		
Rear Wheel Spacers for Rear Tire Chains	AT347522	\$953.00
Rotating Beacon Kit	AT313592	\$257.00
Slow Moving Vehicle Emblem	AT186288	\$111.00
Stabilizer Cylinder Guards (Set of Two)	AT305073	\$303.00
Strobe Light Kit	AT313583	\$342.00
Magnet mounted.		

▼ REFERRAL ATTACHMENTS

Description	Code	Price
<u>G.R. Mfg.:</u> 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		
Guard, Transmission Bottom	AT441379	\$1,579.00

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Current Date 30Apr2015

## 310L EP BACKHOE LOADER

## 310L EP Standard Equipment

## ENGINE:

John Deere Model  
4045HT072 PowerTech E 4.5  
liter, 55 kW (73 net peak  
hp) turbocharged, isolation  
mounted Meets EPA Interim  
Tier 4/EU Stage  
IIIB emissions

Electronic Fuel Lift Pump

## COOLING SYSTEM:

Engine Radiator  
Engine Coolant -40 Degrees  
F (-40C)  
Coolant Recovery Tank  
Cooling Fan with Enclosed  
Safety Fan Guard  
Oil-to-Water Engine Oil  
Cooler  
Fold-Out Hinged Cooling  
System

High Ambient Temperature

Engine Coolant

## POWERTRAIN:

Powershift Transmission with  
Torque Converter  
Single Electric Transmission  
Control Lever

(Forward/Neutral/Reverse)  
with integrated gear  
selection & horn

Planetary Final Drives

Differential Lock, Foot Switch  
Activated

Mechanical Front Wheel  
Drive

Hydrostatic Power Steering  
with Emergency Manual

Mode Power-Assisted

Hydraulic Service Brakes  
Inboard, Wet Disc, Self-  
Adjusting and

Self-Equalizing (Conforms to  
ISO 3450)

Parking/Emergency Brake:  
Independent of Service

Swing Locking Pin Stored in  
Op. Station

ISO (Deere) Two Lever  
Mechanical Backhoe Controls

Reversible Pad Stabilizer  
Feet with integrated lock  
Stabilizer

Two-Direction Anti-Drift  
Valves Less Bucket with  
Bucket Pins

## LOADER:

Return-To-Dig Feature  
Bucket Level Indicator  
Hydraulic Self-Leveling (anti-  
spill)

Single Lever Control with  
Electric Clutch Cut-off Switch

Less Bucket with Bucket Pins

Loader Boom Service Lock  
High-Visibility Loader Arms

## ELECTRICAL:

12 Volt System  
90 Amp Alternator (canopy)

(2) front driving/working  
halogen lights - 32,500  
Candlepower Each

(2) rear working halogen  
lights - 32,500 Candlepower  
Each

(6) additional work roof  
lights adds 2 front, 2 rear  
and 1 on each

side of roof  
(4) turn signal/flashing/rear  
stop tail lights - 2 front and  
rear

(2) rear reflectors

Single Battery with 180  
Minute reserve Capacity and  
925 CCA

Blade Type Multi-Fused

Lumbar Adjustment

Arm Rests

3 In. Seat Belt with

Retractor

Engine Coolant Temperature  
Gauge

Fuel Gauge

Electric Monitor System with  
Audible and Visual Warning:

Air Cleaner restriction

Low Alternator Voltage

Engine Oil Pressure

Hydraulic Filter Restriction

Park Brake On-Off

Low Brake Pressure

Seat Belt

Engine Coolant Temperature

Transmission Oil

Temperature

Fuel

Electric Hourmeter/

Tachometer / Voltmeter

Key Start Switch with

Electric Fuel Shut-Off

Horn

Interior Rearview Mirror

Rotary Hand Trottle

Suspended Foot Throttle

12 Volt Outlets (2)

Built-In Operator's Manual

Storage Compartment

Built-In Cup Holder

Lockable Right Hand Storage

Coat Hook

## OVERALL VEHICLE:

(2) Front and (2) Rear built-  
In tie Downs

One Piece Unitized

Construction Mainframe

Extended Grille Frame

Front Cover

Dent Resistant Rear Fenders

Brakes (Conforms to ISO 3450) Spring Applied, Hydraulically Released, Wet Multi-Disc HYDRAULICS: 31 GPM (117 L/m) Tandem Gear Pump with unloader valve - Open Center Dedicated Hydraulic Reservoir 6 Micron Vertical Spin-On Filter "O" Ring Face Seal Connectors Circuit Relief Valve Protection Economy Mode BACKHOE: 13 Ft. 10 In. (4.14 m) Digging Depth Backhoe Transport Lock Lever	Circuits By-Pass Start Safety Cover on Starter Positive Terminal Battery Cover  OPERATOR STATION: Modular Design ROPS/FOPS Level 2 Canopy Isolation Mounted with Molded Roof (Conforms to SAE J1040) Left and Right Side Access Slip Resistant Steps and Ergonomically Located Handholds (Conforms to SAE J185) Seat, Deluxe Deep Foam, Vinyl Cover, High Back with Adjustable: Suspension for Weight/Height Fore-Aft	Vandal Protection Locking for: Engine Hood Monitor Tool Box Fuel Tank Hydraulic Reservoir 37 Gal. (140L) Fuel Tank Reverse Warning Alarm 19.5L- 24 In. 12 PR (R4) Tubeless Rear Tires 12 - 16.5 In. 12 PR Traction Front Sure Grip Lug Tires Ground Level Fueling Remote Grease Bank for Front Axle Removable Tool Box with Padlock Hasp Tilt Hood with (2) Service Positions JDLink Ultimate
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Required - *You must select one from each category*

▼ BASE MACHINE

Ex-Works Dubuque, Iowa, United States of America

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
310L EP BACKHOE LOADER	0A50T	\$109,205.00

▼ 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 for the Americas, excluding Costa Rica	1700	In Base Price

Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), 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 3 year subscription. Annual subscription renewal required after 3 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.

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JDLink Ultimate Satellite for the Americas, excluding Costa Rica	1701	\$1,807.00
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Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), 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 3 year dual mode subscription. Annual subscription renewal required after 3 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.

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JDLink Ultimate Cellular for Costa Rica and Countries outside the Americas	1702	No Charge
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Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), 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 3 year subscription. Annual subscription renewal required after 3 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.

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JDLink Ultimate Satellite for Costa Rica and Countries outside the Americas	1703	\$1,807.00
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Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), 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 3 year dual mode subscription. Annual subscription renewal required after 3 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.

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JDLink Ultimate Cellular for the Americas, excluding Costa Rica - 5 Years	1710	\$1,422.00
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Includes JDLink hardware: integrated cab wiring harness, antenna, modular

telematics gateway (MTG), 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](http://www.StellarSupport.com) to renew or update JDLINK subscriptions.

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JDLINK Ultimate Satellite for the Americas, excluding Costa Rica - 5 Years	1711	\$3,655.00
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Includes JDLINK hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), 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 dual mode 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.

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JDLINK Ultimate Cellular for Costa Rica and Countries outside the Americas - 5 Years	1712	\$1,422.00
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Includes JDLINK hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), 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](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.

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JDLINK Ultimate Satellite for Costa Rica and Countries outside the Americas - 5 Years	1713	\$3,655.00
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Includes JDLINK hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), 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 dual mode 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.

No JDLink Ultimate	1741	No Charge
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#### LANGUAGE DECALS

Description	Code	Price
English Decals with English Operator and Safety Manuals	2401	In Base Price

Includes English decals installed and English language operator's manual and parts book

English Decals with Spanish Decals and Manuals Separate	2403	In Base Price
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Includes English decals installed with Spanish decal packet and English language operator's manual and parts book

English Decals with French Decals and Manuals Separate	2404	In Base Price
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Includes English decals installed and French decal packet and English language operator's manual and parts book

#### FRONT AXLE AND TRANSMISSION

Description	Code	Price
Mechanical Front Wheel Drive (MFWD) with Open Differential and 4F/2R Powershift Transmission	3075	In Base Price

Includes torque converter with electrically actuated twist grip TCL in 1st through 4th gears.

2 Wheel Drive with 4F/2R Powershift Transmission	3035	(\$11,744.00)
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Includes torque converter with electrically actuated twist grip TCL in 1st through 4th gears.

Mechanical Front Wheel Drive (MFWD) with Limited Slip Differential and 4F/2R Powershift Transmission	3065	\$945.00
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Includes torque converter with electrically actuated twist grip TCL in 1st through 4th gears.

#### TIRES AND WHEELS (FRONT AND REAR)

Description	Code	Price
<u>FOR USE WITH MECHANICAL FRONT WHEEL DRIVE</u>		

Galaxy 19.5L - 24 in. 12 PR Rear & 12-16.5 R4 12PR Front	4462	In Base Price
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FOR USE WITH 2 WHEEL DRIVE

Galaxy 19.5L - 24 in. 12 PR Rear & 12.5/80-18 12PR Front	4446	\$430.00
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#### OPERATOR STATION

Description	Code	Price
Canopy (ROPS/FOPS)	2015	In Base Price

Isolation mounted Modular design ROPS/FOPS Level 2 (meets ISO 3449 & ISO

3471 / SAE J1040) Molded roof.  
 Molded floor mats if Code 5285 is ordered .  
 Mechanical Suspension Deluxe, Vinyl, Swivel Seat with Lumbar Adjustment and Arm Rests, Fully Adjustable.  
 3 In. Retractable Seat Belt.  
 (2) front driving/working halogen lights - 32,500 Candlepower Each  
 (2) rear working halogen lights - 32,500 Candlepower Each  
 (6) additional work roof lights adds 2 front, 2 rear and 1 on each side of roof  
 (4) turn signal/flashing/rear stop/tail lights - 2 front and rear  
 (2) rear reflectors

Quarter Cab (Window in Front)	2010	\$1,194.00
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Isolation mounted Modular design ROPS/FOPS Level 2 (meets ISO 3449 & ISO 3471 / SAE J1040) Molded roof.  
 Molded floor mats if Code 5285 is ordered.  
 Mechanical Suspension Deluxe, Vinyl, Swivel Seat with Lumbar Adjustment and Arm Rests, Fully Adjustable.  
 3 In. Retractable Seat Belt.  
 Front wiper with windshield washer  
 (2) front driving/working halogen lights - 35,200 Candlepower Each  
 (2) rear working halogen lights - 35,200 Candlepower Each  
 (6) additional work roof lights adds 2 front, 2 rear and 1 on each side of roof  
 (4) turn signal/flashing/rear stop/tail lights - 2 front and rear  
 (2) rear reflectors

Cab	2035	\$11,547.00
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Isolation mounted Modular design ROPS/FOPS Level 2 (meets ISO 3449 & ISO 3471 / SAE J1040) Molded roof.  
 Tinted safety glass.  
 Deluxe interior trim.  
 Headliner.  
 Molded floor mats.  
 Less Radio.  
 Air Conditioning 26,000 BTU.  
 CFC free R134a refrigerant.  
 Heater/defrosters/pressurizer, 40,000 BTU, 3 speed.  
 Mechanical Suspension Deluxe, Cloth, Swivel Seat with Lumbar Adjustment and Arm Rests, Fully Adjustable.  
 3 in Seat Belt.  
 Tilt Steering Wheel.  
 Interior Rearview Mirror  
 Front 2-speed wiper with windshield washer and rear 1-speed wiper.  
 (2) front driving/working halogen lights - 32,500 Candlepower Each  
 (2) rear working halogen lights - 32,500 Candlepower Each  
 (6) additional work roof lights adds 2 front, 2 rear and 1 on each side of roof  
 (4) turn signal/flashing/rear stop/tail lights - 2 front and rear  
 (2) rear reflector

See Order As Desired codes for additional Cab options not included in standard Cab (i.e. Air Suspension Seat, Radio, Sun Visor).

#### ▼ BATTERY

Description	Code	Price
Single Battery, 150 Minute Reserve Capacity (950 CCA)	8625	In Base Price
Single Battery With Disconnect and Jump Post	8635	\$250.00
Dual Batteries, 300 Minute Reserve Capacity (1900 CCA)	8675	\$279.00
Dual Batteries With Disconnect and Jump Post	8685	\$529.00

#### ▼ BACKHOE DIPPERSTICK

Description	Code	Price
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Standard Dipperstick	6010	In Base Price
Standard stabilizer legs.		

Extendible Dipperstick	6020	\$9,343.00
Extended stabilizer legs.		

#### REAR HYDRAULICS

Description	Code	Price
No Auxiliary	6210	In Base Price

Auxiliary Hydraulic with One Way Flow (Hammer)	6220	\$2,685.00
Includes plumbing to end of dipperstick.		

Auxiliary Hydraulic with One & Two Way Flow (Hammer & Thumb/Swinger)	6230	\$3,597.00
Includes plumbing to end of dipperstick for one way flow valve. Less plumbing for two way flow valve. Requires code 6010. Provides thumb mounting ears on dipperstick if available on that model.		

#### BACKHOE CONTROLS

Description	Code	Price
Mechanical Controls, Two Lever, ISO (DEERE)	5225	In Base Price

Pilot Controls, Two Lever, with Pattern Selection	5285	\$2,594.00
Horn button integrated into pilot control levers.		

#### BACKHOE BUCKETS

For Deere buckets:  
All buckets include lift holes.

Description	Code	Price
Less Backhoe Bucket with Bucket Pins	5500	In Base Price

24" (610mm) Wide - Regular - 6.5 Cu. Ft. (0.18 Cu. M.) Capacity Bucket	5554	\$1,309.00
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18" (457 mm) Wide, Heavy-Duty, 5.1 Cu. Ft. (0.14 Cu. M.) Capacity Bucket	5626	\$1,309.00
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Bucket includes TK Teeth.

Top Hook 18" (457 mm) Wide, Heavy-Duty, 5.1 Cu. Ft. (0.14 Cu. M.) Capacity Coupler Bucket	5630	\$1,278.00
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Bucket includes TK Teeth.  
Requires Code 5430 Top Hook Coupler.

24" (610 mm) Wide, Heavy-Duty, 7.5 Cu. Ft. (0.21 Cu. M.) Capacity Bucket	5656	\$1,333.00
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Bucket includes TK Teeth.

Top Hook 24" (610 mm) Wide, Heavy-Duty, 8.8 Cu. Ft.	5660	\$1,772.00
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## (0.25 Cu. M.) Capacity Coupler Bucket

Bucket includes TK Teeth.  
Requires Code 5430 Top Hook Coupler.

12 In. (305 mm) Wide Bucket, 3.3 Cu. Ft. (0.09 Cu. M.) Capacity Buckets	5616	\$1,101.00
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Bucket includes TK Teeth.

▼ BACKHOE QUICK COUPLERS

Description	Code	Price
Less Coupler	5400	In Base Price

DEERE Standard Quick Coupler	5410	\$1,231.00
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For use with DEERE 310E, G, J, K, L Series Backhoe Buckets. Not compatible with 310SE, SG, SJ, SK, SL; 410E, G, J, K, L buckets.

Multi-Brand Quick Coupler	5420	\$1,399.00
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For use with DEERE C, D, SE, SG, SJ, SK, SL & SL HL Series buckets and with Case K, L, M and CAT C Series Buckets.  
Not for use with 710 Buckets.  
Not compatible with Case N-Series.

Spacers are recommended for Cat and Case buckets, see bulletin 07BH08 for details.

Top Hook Quick Coupler	5430	\$1,122.00
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For use with DEERE Top Hook Coupler bucket codes 5630 or 5660 and CP or Pre-XLS Wain Roy Top Hook Bucket.  
Top Hook Coupler will not work with DEERE thumbs.

▼ LOADER HYDRAULICS

All selections come with Return to Dig feature.

Description	Code	Price
Two-Function Loader Hydraulics, Single Lever	7025	In Base Price

Loader Coupler, 2-Function Hydraulics, Single Lever	7035	\$6,646.00
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Includes Ride Control  
Cannot be used with Code 9110 Ride Control  
Will accept G, J, K, and L-Series loader coupler buckets

Three-Function Loader Hydraulics, Dual Lever	7075	\$1,781.00
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For multi-purpose bucket and front attachments.

Three-Function Loader Hydraulics, Single Lever	7080	\$3,181.00
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Single lever loader control with electro-hydraulic auxiliary control, clutch disconnect, and momentary MFWD.  
For multi-purpose bucket and front attachments.  
Includes valve with circuit relief and 5 In. (12.7 mm) hoses and steel lines to loader cross tube.

Loader Coupler, 3-Function Hydraulics, Single Lever	7085	\$9,707.00
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Includes Ride Control  
Not for use with Code 9110 Ride Control

For multi-purpose coupler bucket and front attachments.  
Includes valve with circuit relief and .5 in. (12.7 mm) hoses and steel lines to loader cross tube.  
Will accept G, J, K, and L-Series loader coupler buckets.

## FRONT COUNTERWEIGHTS (PICK 1)

### 310L & 310L EP COUNTERWEIGHT SELECTION CHART

Select the Proper Counterweight for the Machine and Optional Equipment.  
Add/subtract the options front axle percent. Then add the counterweight that gives the desired weight distribution (between 27-32%, Target - 30%) to select counterweight.

310L Base configuration\*\*\* has 29.9% weight on front axle.  
310L EP Base configuration\*\*\* has 29.7% weight on front axle.

Base..... +29.9% or 29.7%  
Extendable..... -4.1%  
Backhoe Coupler..... -1.8%  
Backhoe Attachment over 600 lbs..... -2.0%  
Multi-Purpose Loader Bucket..... +7.3%  
Loader Coupler..... +5.0%  
Standard Front Axle ..... -1.4%  
Cab ..... -1.0%

"Choose counterweight which results in the target front axle weight percent"

#### Counterweight Options

Bumper ..... 0.0%  
450 lb. Counterweight ..... 2.9%  
750 lb. Counterweight ..... 4.6%  
1,000 lb. Counterweight ..... 6.2%  
1,250 lb. Counterweight ..... 7.7%

\*\*\* Base calculated using an Extendable dipper, Cab, Mechanical Front Wheel Drive, Standard Loader bucket, and a Standard Backhoe bucket.

Description	Code	Price
Front Cover	8410	In Base Price
Heavy-Duty Bumper	8415	\$217.00
450 Lb. (204 kg) Front Counterweight	8425	\$599.00
750 Lb. (340 kg) Front Counterweight	8455	\$971.00
1000 Lb. (454 kg) Front Counterweight	8475	\$1,337.00
1250 Lb. (567 kg) Front Counterweight	8485	\$1,711.00

## LOADER BUCKETS

Loader Buckets include Skid Plates and Lift Hooks unless stated otherwise.

Description	Code	Price
Less Loader Bucket with Pins for Buckets or Front Attachments	7600	In Base Price

Old Style pins will be necessary with older buckets and attachments.

### PIN-ON LOADER BUCKETS (Not for use with Coupler)

Not compatible with 7035 and 7085.

1.0 yd3 (0.76 Cu. M) Long-Lip Bucket with Auxiliary Cutting	7615	\$2,627.00
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## Edge and no Skid Plates

Bucket Capacity is without Cutting Edge.

1.0 Cu. Yd. (.76 Cu. M.) Heavy-Duty 86 in. (2.18 m) wide Bucket with Bolt-On Cutting Edge and Skid Plates	7635	\$3,177.00
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Bucket Capacity is without Cutting Edge.

1.25 Cu. Yd. (.96 Cu. M.) 86 in. (2.18 m) Wide Long Lip Bucket no Auxiliary Cutting Edge, with Factory Skid Plates and no Additional Skid Shoes	7640	\$3,027.00
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1.25 Cu. Yd. (.96 Cu. M.), 86 in. (2.18 m) wide Multipurpose Bucket	7675	\$7,019.00
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Requires Code 7075, Aux. Loader Hydraulics.  
Includes reversible bolt-on cutting edge and skid plates.  
Pre-drilled for seven teeth.  
Order teeth from parts.  
Includes two lift holes.

COUPLER LOADER BUCKETS

Requires codes 7035 or 7085 Loader Coupler

Less Coupler Bucket	7605	No Charge
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1.3 Cu. Yd. (1.0 Cu. M.) 92 in. (2.34 m) wide Heavy-Duty Long-Lip Coupler Bucket with Cutting Edges and Skid Plates.	7650	\$3,428.00
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Optional - *Select as desired*
 OPTIONAL EQUIPMENT - ORDER AS DESIRED

Description	Code	Price
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POWERTRAIN AND COOLING

Chrome Exhaust Extension	9045	\$173.00
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Full MFWD Driveshaft Guard	9505	\$417.00
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110 Volt Engine Coolant Heater (1000 Watts)	9080	\$167.00
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Requires Dual Batteries code 8675 or 8685.

Electric Ether Start Aid without Ether Canister	9085	\$310.00
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OPERATOR STATION

Ride Control	9110	\$1,935.00
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Not for use with loader hydraulic codes 7035 and 7085.

Exterior Rear View Mirrors (2)	9920	\$334.00
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Sun Visor	9919	\$92.00
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Radio, Basic Package	9917	\$850.00
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AM/FM Radio, Weather Band.

Radio, Premium Package	9916	\$1,320.00
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AM/FM Radio, Bluetooth, USB Aux Input, 3mm Line In Aux, Weather Band, XM Capable, Roof Storage Compartment for Mobile Devices.

Headliner - Canopy	9117	\$145.00
Tilt Steering - Canopy	9118	\$546.00
Floor Mat - Canopy	9119	\$364.00
Front View Mirror	9060	\$80.00
Left Side Console Storage with Cup Holders	9210	\$79.00
Machine Security	9095	\$438.00
<u>User-defined codes to enable start of machine.</u>		
Seat, Cloth Air-Suspension	9965	\$490.00
<b><u>OVERALL VEHICLE</u></b>		
Hydraulic 4-Tine (Standard Dipperstick) Backhoe Thumb	9020	\$6,583.00
<p>Requires code 6230 Hydraulics. Includes plumbing from valve to thumb. Requires backhoe bucket code 5500, 5656. Not for use with backhoe coupler Codes 5430.</p>		
Viscous Variable Speed Engine Fan	9105	\$500.00
<p>Replaces direct drive engine cooling fan for reduced noise levels &amp; decreased fuel consumption. Only available with Tier 2 or Tier 3 Engines or the 310L EP.</p>		
Boom Protection Plate	9190	\$580.00
Diagnostic Oil Sampling Ports	9515	\$201.00
Non-Export Rust Preventive Coating	9909	\$167.00
Coating protects exposed unpainted surfaces from road salt during shipment.		
Strobe Light	9905	\$572.00

## ATTACHMENTS FOR FIELD CONVERSION

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

All attachments are sold as a quantity of one.

Description	Code	Price
<u><a href="#">Attachments and Accessories:</a></u>		
Coupler, Deere Backhoe Bucket	AT336314	\$1,294.00
<p>Fits 310E, 310G, 310J, 310K and 310K EP backhoes. For use with 310E, 310G, 310J, 310K 310K EP backhoe buckets</p>		

Proper counterweight is required. See Counterweight Selection Chart.  
Recommend Backhoe Boom Bolt-on Protection Plate.

Coupler, Top Hook Backhoe Mechanical	AT315337	\$1,100.00
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Fits John Deere C-D-E-G-J-K and L Series except 710D buckets.  
Fits Case K and L Series and Cat B and C Series Buckets.  
Recommend 300D-510D and 210C-610C buckets, use high strength pins:  
AT181348, Pin for 12 Inch Buckets  
AT179130, Pin for 18-36 Inch Buckets  
Proper counterweight is required. See Counterweight Selection Chart.  
Recommend Backhoe Boom Bolt-on Protection Plate.

Coupler, Universal Backhoe Bucket	AT336313	\$1,310.00
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Fits John Deere C-D-E-G and J Series except 710D buckets  
Fits Case K and L Series and Cat B and C Series Buckets.  
Recommend 300D-510D and 210C-610C buckets, use high strength pins:  
AT181348, Pin for 12 Inch Buckets  
AT179130, Pin for 18-36 Inch Buckets  
Proper counterweighting is required. See Counterweight Selection Chart.  
Recommend Backhoe Boom Bolt-on Protection Plate.  
Spacers are recommended for CAT and Case buckets, see bulletin 07BH08 for details.

Heavy Duty Stabilizer Pads	AT376410	\$450.00
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Jump Start and Battery Disconnect Kit	AT437905	\$238.00
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Pivotable Beacon Bracket	AT451194	\$100.00
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Standard Stabilizer Street Pads	AT376409	\$226.00
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### Buckets:

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

BKH Pin-on 18 In. (457 mm) Heavy-Duty 5.1 Cu. Ft. (0.14 Cu. M.)	AT437349	\$1,258.00
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BKH Pin-on 18 In. (457 mm) Standard Duty 4.6 Cu. Ft. (0.13 Cu. M.)	AT437348	\$1,035.00
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BKH Pin-on 24 In. (610 mm) Standard Duty 6.5 Cu. Ft. (0.18 Cu. M.)	AT437350	\$1,216.00
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BKH Pin-on Bucket 12 In. (305 mm) Heavy-Duty 3.3 Cu. Ft. (0.09 Cu. M.)	AT437347	\$1,077.00
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BKH Pin-on Bucket 24 In. (610 mm) Heavy-Duty 7.5 Cu. Ft. (0.21 Cu. M.)	AT437351	\$1,354.00
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BKH Pin-on Bucket 24 In. (610 mm) Heavy-Duty 8.8 Cu. Ft. (0.25 Cu. M.)	AT437352	\$1,726.00
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BKH Pin-on Bucket 30 In. (762 mm) Heavy-Duty 10.0 Cu. Ft. (0.28 Cu. M.)	AT437353	\$1,639.00
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BKH Power Link Grease Kit	AT194493	\$52.00
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BKH Top Hook Coupler Bucket 12 in. (305 mm) Heavy Duty 3.3 Cu. Ft. (.09 Cu. M.)	AT437361	\$1,059.00
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BKH Top Hook Coupler Bucket 18 in. (457 mm) Heavy Duty - 5.1 Cu. Ft. (0.14 Cu. M.)	AT437362	\$1,223.00
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BKH Top Hook Coupler Bucket 24 in. (610 mm) Heavy	AT437363	\$1,433.00
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## Duty 7.5 Cu. Ft. (0.21 Cu. M.)

LDR Coupler Bucket 1.0 Cu. Yd. (.76 Cu. M.) Heavy Duty 86 in. (2.18 m) wide with Reversible Bolt On Cutting Edge with Skid Plates	AT308991	\$2,852.00
LDR Coupler Bucket 1.13 Cu. Yd. (.86 Cu. M.) Heavy Duty 86 in. (2.18 m) wide Long Lip with Reversible Bolt On Cutting Edge and Skid Plates	AT308970	\$3,041.00
LDR Coupler Bucket 1.25 Cu. Yd. (.96 Cu. M.) Heavy Duty 86 in. (2.18 m) wide Long Lip without Bolt-On Cutting Edges or Skid Plates	AT308968	\$2,838.00
LDR Coupler Bucket 1.32 cu. yd. (1.0 cu. m) Heavy Duty 92 in. (2.34 m) Long Lip with Reversible Bolt On Cutting Edge and Skid Plates	AT308966	\$3,511.00
LDR Pin-on Bucket 1.0 cu. yd. (.76 cu. m) Heavy Duty 86 in. (2.18 m) wide with Skid Plates	AT308040	\$2,462.00
LDR Pin-on Bucket 1.13 Cu. Yd. (.86 Cu. M.) Heavy Duty 86 in. (2.18 m) wide with Reversible Bolt On Cutting Edge and Skid Plates	AT308071	\$3,053.00
LDR Pin-on Bucket 1.2 Cu.Yd. (.90 Cu. M.) Narrow 82 in. (2.08 m) Heavy-Duty Long Lip Narrow and Skid Plates	AT308188	\$2,540.00
LDR Pin-on Bucket 1.25 Cu. Yd. (.96 Cu. M.) Heavy Duty 86 in. (2.18 m) Long Lip and Skid Plates	AT308076	\$2,809.00
LDR Pin-on Multipurpose Bucket 1.00 Cu. Yd. (.76 Cu. M.) 82 in. (2.08 m) with Reversible Bolt On Cutting Edges and Skid Plates	AT448174	\$5,640.00
LDR Pin-on Multipurpose Bucket 1.25 Cu. Yd. (.96 Cu. M.) 86 in. (2.18 m) with Reversible Bolt On Cutting Edge and Skid Plates	AT448175	\$6,520.00
<p>Requires Third Function Loader Control Valve Section, Controls and lines.            Predrilled for seven teeth.            Two built-in lift loops            Proper counterweighting is required.            See Counterweight Selection Chart.</p>		
<u>Frame Attachment:</u>		
Counterweight, Front, 1,000 lbs (454 kg)	AT439072	\$1,337.00
Use with (4) T119912 AND (4) 19M9124.		
Counterweight, Front, 1,250 lbs (567 kg)	AT439073	\$1,711.00
Use with (4) T119912 AND (4) 19M9124.		
Counterweight, Front, 250 lbs (113 kg)	AT409592	\$361.00
<p>If adding to the 450 lb. (204 KG) counterweight, order (4) T151797, (2) 19M9088,            AND (2) 14M7291.            For 750 lb. (340 KG), 1000 lb. (454 KG) and 1250 lb. (567 KG) counterweights,            order (2) T151797 and (2) 19M8976</p>		
Counterweight, Front, 450 lbs (204 kg)	AT439070	\$599.00

Use with (4) T119912 AND (4) 19M9124.

Counterweight, Front, 750 lbs (340 kg)	AT439071	\$971.00
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Use with (4) T119912 AND (4) 19M9124.

### Front Attachments:

Forks, Pallet (2) 60 in. (1.52m) with 60 in. (1.52m) Coupler Fork Carriage	AT308139	\$3,565.00
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Forks, Pallet (2) 48 in. (1.22m) with 60 in. (1.52m) Coupler Fork Carriage	AT308138	\$3,394.00
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### Guards:

Backhoe Boom Protection Plate	AT407513	\$1,040.00
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MFWD Wheel Fender Kit for 18 in. tires only	AT371257	\$697.00
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Requires MFWD and 12.5/80-18 or 340/80R-18 front tires.

Wheel Fender Kit for 16.5 in. tires only	AT388473	\$697.00
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Requires MFWD and 305/70D16.5 or 12-16.5 front tires.

### Hydraulics:

3rd Function Linkage/Plumbing	AT448423	\$2,872.00
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Includes mechanical lever in cab, linkage, plumbing and loader valve.

Accu-Swing Kit for Backhoe	AT431340	\$474.00
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Includes two circuit reliefs, fittings, clamps and hardware.  
Installation instructions T210751.

Auxiliary Hydraulic Selective Flow Control Kit	AT448429	\$1,214.00
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Selective Flow Control Valve (9,13,16,18,22 or 25GPM) - One Way Flow  
Includes control pedal and circuit relief  
1000-3000 PSI Adjustable  
L-Series backhoes except the 310L and 310L EP must order applicable Software  
Part Number in JDPoint for Field Kit to function properly.

Auxiliary Backhoe Hydraulic Plumbing Kit for Thumb, Clamp, Swinger or Jaw Bucket	AT194368	\$232.00
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Average installation, 2 hours.  
Includes two circuit reliefs, fittings, clamps and hardware.  
For Low Flow intermittent usage.  
Requires Dealer to make eight hoses per installation instructions.  
Requires unit to have unused 5th, 6th or 7th 2 way hydraulic functions and foot  
pedal to activate.

Auxiliary Backhoe Hydraulics for Auger, Extendible Dipperstick	AT450466	\$250.00
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Includes fittings and hydraulic couplers for bucket cylinder.  
Average installation, 1 hour.  
Bucket cylinder hoses are disconnected; bucket function operates auger forward  
and reverse. No additional controls are required.  
Dealer must supply 0.5 inch (12.7 mm) ID hoses from bucket cylinder hydraulic  
couplers to auger.

Auxiliary Backhoe Hydraulics for Auger, Standard Dipperstick	AT448424	\$446.00
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Includes fittings and hydraulic couplers for bucket cylinder.  
 Average installation, 1 hour.  
 Bucket cylinder hoses are disconnected; bucket function operates auger forward and reverse. No additional controls are required.  
 Dealer must supply 0.5 inch (12.7 mm) ID hoses from bucket cylinder hydraulic couplers to auger.

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Auxiliary Loader Control Valve w/3 Function Hydraulics - 1 Lever for Multipurpose Bucket and Front Attachments	AT455847	\$3,923.00
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Must order applicable Software Part Number in JDPoint for Field Kit to function properly.

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Auxiliary Plumbing for Selective Flow - Extendible Dipperstick	AT431294	\$662.00
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Average installation, 2 hours.  
 Requires Extendible Dipperstick.  
 Requires Five Function Valve Plus Selective Flow Valve OR Selective Flow Valve.  
 Includes boom and dipperstick hydraulic lines, and hardware for attaching hoses and lines from the selective flow valve section to end of Dipperstick.  
 Required for hammers, compactors, high or low flow motor attachments mounted on end of Dipperstick.

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Auxiliary Plumbing for Selective Flow - Standard Dipperstick	AT431293	\$588.00
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Average installation, 2 hours.  
 Requires Standard Dipperstick.  
 Requires Five Function Valve Plus Selective Flow Valve OR Selective Flow Valve.  
 Includes boom and dipperstick hydraulic lines, and hardware for attaching hoses and lines from the selective flow valve section to end of Dipperstick.  
 Required for hammers, compactors, high or low flow motor attachments mounted on end of Dipperstick.

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Hand Held Hydraulics	AT448428	\$447.00
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Plumbing routed from the backhoe valve to above the battery box for hook up of hand held attachments.  
 Average installation, 4 hours.  
 Includes two circuit reliefs, fittings, clamps and hardware.  
 Requires Selective Flow Valve.  
 Installed in Battery Box.

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K-Series Style Loader Control Grip Kit	AT450437	\$414.00
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Loader Coupler, Hydraulic	AT431299	\$5,539.00
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L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.

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Sixth Function Control Valve Section (Without Circuit Reliefs) for Pilot Controls	AT320497	\$1,408.00
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Average installation, 4 hours.  
 Can use with Four Function Control Valve, Five Function Control Valve, or Five Function Control Valve Plus Selective Flow Valve.  
 Requires Left Pedal, (Deere, Cat or Ford Controls).  
 Cannot be used with Case Controls.  
 Requires Attachment Hydraulic Plumbing Kit, for cylinder operated attachments.  
 Requires longer tie bolts. (2) T161707, (1) T161708 when used with Five Function Control Valve Plus Selective Flow Valve.

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Operator Environment:

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Auxillary Power Ports	AT451676	\$280.00
Case Three Lever Controls 5th Function Lever Kit	AT309740	\$191.00
Adds lever to Case 3 lever backhoe controls to operate auxiliary valve on Standard Dipperstick or operates Extendable Dipperstick..		
Ford Four Lever Controls for Standard and Extendible Dipperstick	AT185628	\$2,975.00
Ford Four Lever Controls for Standard and Extendible Dipperstick. For units with code 5225.		
ISO (Deere) Two Lever Mechanical Controls	AT185624	\$493.00
Requires Right Pedal Kit, if equipped with Case controls and five function control valve. For units with code 5225.		
Mounting kit for multi-purpose (ABC) Dry Chemical Fire Extinguisher	AT408903	\$96.00
Kit Does not Include Fire Extinguisher.		
Operator Manual Tether Cables for ROPS or Cab	AT192032	\$27.00
Radio, Basic Kit	AT430023	\$850.00
AM/FM Radio, Weather Band.		
Radio, Premium Kit (AM/FM/WB)	AT430022	\$1,320.00
AM/FM Radio, Bluetooth, USB Aux Input, 3mm Line In Aux, Weather Band, XM Capable.		
Ride Control	AT431165	\$1,444.00
L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.		
Ride Control Plumbing Kit	AT452094	\$682.00
Harness, plumbing, and accumulator for ride control. Must order valve and mounting plate separately.		
Right Pedal for Fifth Function Backhoe Valve	AT185625	\$316.00
SAE Excavator Style Two Lever Controls	AT301434	\$250.00
Sixth Function Pedal for Lever Controls	AT185629	\$373.00
Sixth Function Pedal for Pilot Controls	AT301485	\$308.00
Sun Visor	AT186307	\$92.00
<u>Overall Vehicle:</u>		
(2) External Rear View Mirrors	AT186155	\$282.00
Beacon/Strobe Ready Wiring Kit	AT313589	\$34.00
Kit for aftermarket Beacon or Strobe light Kit does not include Beacon		

Bumper Grille Frame Field	AT434236	\$82.00
Environmental Drain Kit	AT393180	\$573.00
Fluid Sampling Ports	AT433274	\$480.00
Not available on Stage II (Tier 2) engines.		
LED Flood Light Kit	AT445010	\$215.00
Includes 2 lights.		
LED Spot Light Kit	AT445009	\$215.00
Includes 2 lights.		
License Plate Bracket	AT446496	\$56.00
Light not included.		
Machine Security	AT339526	\$416.00
K-Series backhoes except the 310K and 310K EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.		
Rear Wheel Spacers for Rear Tire Chains	AT347522	\$953.00
Rotating Beacon Kit	AT313592	\$257.00
Slow Moving Vehicle Emblem	AT186288	\$111.00
Stabilizer Cylinder Guards (Set of Two)	AT305073	\$303.00
Strobe Light Kit	AT313583	\$342.00
Magnet mounted.		

▼ REFERRAL ATTACHMENTS

Description	Code	Price
<p><a href="#">G.R. Mfg.:</a></p> <p>G.R. Manufacturing, Inc.  * Kits listed below must be ordered through John Deere.  * F.O.B. Trussville, Alabama  * All kits include installation instructions  * All warranty, repair parts, technical support and assistance, and sales support and assistance will be the responsibility of G.R. Manufacturing, Inc., and will be handled directly between the Dealer and G.R. Manufacturing, Inc.</p> <p>G.R. Manufacturing, Inc.  4800 Commerce Drive  Trussville, Alabama 35173  Phone: (800)841-8001  Fax: (205)655-8005</p>		
Guard, Transmission Bottom	AT441379	\$1,579.00



**JOHN DEERE**

Current Date 13Apr2015

### 310SL HL BACKHOE LOADER

#### 310SL HL Standard Equipment

##### COOLING SYSTEM:

Engine Radiator  
Engine Coolant -40 Degrees F (-40C)

Coolant Recovery Take with Low Level Indicator

Oil-to-Water Engine Oil Cooler

Fold-Out, Hinged Cooling System

High Ambient Temperature Engine Coolant

##### POWERTRAIN:

Powershift Transmission with Torque Converter

Electronic Transmission controller with on-board diagnostics

Single Electric Transmission Control Lever

(Forward/Neutral/Reverse) with integrated gear selection & horn

Vertical Spin-on transmission Filter

Auto Shutdown

Planetary Final Drives

Differential Lock, Foot Switch

Activated, Protection On/Off

Mechanical Limited Slip Front Wheel Drive

Hydrostatic Power Steering with Emergency Manual Mode

Power-Assisted Hydraulic Service Brakes Inboard, Wet Disc,

Self-Adjusting and Self-Equalizing (Conforms to ISO 3450)

Parking/Emergency Brake: Independent of Service Brakes (Conforms to

Retracted)

Backhoe Transport Lock Lever

Swing Locking Pin Stored in Op. Station

Hydraulic Pilot Controls

Reversible Pad Stabilizer

Feet with integrated lock

Stabilizer Two-Direction

Anti-Drift Valves

Less Bucket with Bucket Pins

##### LOADER:

Return-To-Dig Feature

Bucket Level Indicator

Hydraulic Self-Leveling (anti-spill)

Single Lever Control with

Electric Clutch Cut-off Switch

Less Bucket with Bucket Pins

Loader Boom Service Lock

High-Visibility Loader Arms

##### ELECTRICAL:

12 Volt System

120 Amp Alternator (canopy)

(4) Front Drive/Work, (4)

Rear Work and (2) side

docking halogen

lights (32,500 Candlepower

Each) (2) Front and (2) Rear

Turn

Signal/Flashing

(2) Rear Stop and Tail

(2) Rear Reflectors

Single Battery with 180

Minute reserve Capacity and 925 CCA

Blade Type Multi-Fused

Circuits

By-Pass Start Safety Cover

on Starter

Positive Terminal Battery

Cover

Arm Rests

3 In. Seat Belt with Retractor

Engine Coolant Temperature Gauge

Fuel Gauge

Transmission Oil

Temperature Gauge

Electric Monitor System with

Audible and Visual Warning:

Air Cleaner restriction

Low Alternator Voltage

Engine Oil Pressure

Hydraulic Filter Restriction

Park Brake On-Off

Seat Belt

Engine Coolant Temperature

Transmission Oil Temperature

Fuel

Electric Hourmeter/

Tachometer / Voltmeter

Sealed Switch Module

Keyless Start

Machine Security

12 Volt Outlets (2)

Horn

Interior Rearview Mirror

Rotary Hand Throttle

Suspended Foot Throttle

Built-In Operator's Manual

Storage Compartment Built-

In Cup Holder,

Coat Hook

Lockable Right-Side Storage

##### OVERALL VEHICLE:

(2) Front and (2) Rear built-In tie Downs

One Piece Unitized

Construction Mainframe

Extended Grille Frame

Dent Resistant Rear Fenders

Vandal Protection Locking

for:

ISO 3450) Spring Applied, Hydraulically Released, Wet Multi-Disc	OPERATOR STATION: Modular Design ROPS/FOPS Level 2 Canopy Isolation Mounted with Molded Roof (Conforms to SAE J1040)	Engine Hood Monitor Tool Box Fuel Tank Hydraulic Reservoir 37 Gal. (140L) Fuel Tank
HYDRAULICS: 42 GPM ( 159 L/m) Axial Piston Pump - Closed Center / PCLS Hydraulic System	Left and Right Side Access Molded Floor Mat and Headliner	Reverse Warning Alarm 21L - 24 In. 12 PR (R4) Tubeless Rear and 12.5/80 - 18 In. 10 PR
Dedicated Hydraulic Reservoir	Slip Resistant Steps and Ergonomically Located Handholds (Conforms to SAE J185)	Traction Front Sure Grip Lug Tires
6 Micron Vertical Spin-On Filter	Seat, Deluxe Deep Foam, Vinyl Cover, High Back with Adjustable: Suspension for Weight/Height	Ground Level Fueling Remote Grease Bank for Front Axle
"O" Ring Face Seal Connectors	Fore-Aft Lumbar Adjustments	Tilt Hood with (2) Service Positions
Circuit Relief Valve Protection		JDLink Ultimate in Approved Countries
Economy Mode Auto Idle		
Lift Mode		
BACKHOE: 14 Ft. 10 In. (4.51 m) Digging Depth (Extendible Dipperstick,		

Required - *You must select one from each category*

▼ BASE MACHINE

Ex-Works Dubuque,Iowa, United States of America

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
310SL HL BACKHOE LOADER	0A80T	\$114,193.00

▼ ENGINE

Description	Code	Price
John Deere PowerTech PWL 4.5L (276 Cu. In.) Engine Meets Final Tier 4 and Stage IV Emissions with Net Peak Power of 110 Hp.	1065	\$12,612.00

For use only in areas where EPA Final Tier 4/EU Stage IV is required.

Turbocharged.  
Wet Sleeve Cylinder Liners.  
4 Valves / Cylinder.  
Electronically Controlled HPCR Fuel Delivery System, B20 Biodiesel Compatible.  
Cooled Exhaust Gas Recirculation.  
Serpentine Belt with Automatic Belt Tensioner.  
Enclosed Safety Fan Guard.  
Vertical Spin-On Engine Oil Filter.  
Spin-On Fuel Filter with Water Separator.  
Dual Safety Element Dry-Type Air Cleaner with Evacuator Valve.  
Underhood Catalysts with Vertical Curved Exhaust Stack.  
Passive flow-through Exhaust Aftertreatment system Glow plugs.  
Electronically controlled, variable-speed cooling fan.

▼ 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
<p>JDLINK Ultimate Cellular for the Americas, excluding Costa Rica</p> <p>Includes JDLINK hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and JDLINK Ultimate activation.</p> <p>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.</p> <p>Includes 3 year subscription. Annual subscription renewal required after 3 years for continued functionality. JDLINK customer account must be created to access JDLINK Ultimate data. Go to <a href="http://www.StellarSupport.com">www.StellarSupport.com</a> to renew or update JDLINK subscriptions.</p> <p>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 <a href="http://www.JohnDeere.com/Agreements">www.JohnDeere.com/Agreements</a>. If these terms and conditions are not agreeable do not proceed and do not use the service.</p>	1700	In Base Price
<p>JDLINK Ultimate Satellite for the Americas, excluding Costa Rica</p> <p>Includes JDLINK hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and JDLINK Ultimate activation.</p> <p>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.</p> <p>Includes 3 year dual mode subscription. Annual subscription renewal required after 3 years for continued functionality. JDLINK customer account must be created to access JDLINK Ultimate data. Go to <a href="http://www.StellarSupport.com">www.StellarSupport.com</a> to renew or update JDLINK subscriptions.</p> <p>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 <a href="http://www.JohnDeere.com/Agreements">www.JohnDeere.com/Agreements</a>. If these terms and conditions are not agreeable do not proceed and do not use the service.</p>	1701	\$1,807.00
<p>JDLINK Ultimate Cellular for the Americas, excluding Costa Rica - 5 Years</p> <p>Includes JDLINK hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and JDLINK Ultimate activation.</p> <p>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.</p> <p>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 <a href="http://www.StellarSupport.com">www.StellarSupport.com</a> to renew or update JDLINK subscriptions.</p> <p>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 <a href="http://www.JohnDeere.com/Agreements">www.JohnDeere.com/Agreements</a>. If these terms and conditions are not agreeable do not proceed and do not use the service.</p>	1710	\$1,422.00

JDLINK Ultimate Satellite for the Americas, excluding Costa Rica - 5 Years 1711 \$3,655.00

Includes JDLINK hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), 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 dual mode 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.

#### ▼ LANGUAGE DECALS

Description	Code	Price
English Decals with English Operator and Safety Manuals	2401	In Base Price

Includes English decals installed and English language operator's manual and parts book

English Decals with Spanish Decals and Manuals Seperate	2403	In Base Price
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Includes English decals installed with Spanish decal packet and English language operator's manual and parts book

English Decals with French Decals and Manuals Seperate	2404	In Base Price
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Includes English decals installed and French decal packet and English language operator's manual and parts book

#### ▼ FRONT AXLE AND TRANSMISSION

Description	Code	Price
Mechanical Front Wheel Drive (MFWD) with Limited Slip Differential and 5F/3R Autoshift Transmission	3095	\$2,876.00

Autoshift can turned on/off in the SSM. When Autoshift if off, Backhoe will operate with Powershift transmission.

2 Wheel Drive with 5F/3R Powershift Transmission	3035	(\$9,872.00)
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Includes torque converter with electrically actuated twist grip TCL in 1st through 5th gears.

Mechanical Front Wheel Drive (MFWD) with Limited Slip Differential and 5F/3R Powershift Transmission	3065	In Base Price
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Includes torque converter with electrically actuated twist grip TCL in 1st through 5th gears.

#### ▼ TIRES AND WHEELS (FRONT AND REAR)

Description	Code	Price
<u>FOR USE WITH MECHANICAL FRONT WHEEL DRIVE</u>		

Galaxy 580 Radial - 500/70R24 Rear & 340/80R18 Front	4484	\$2,693.00
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Tire designed for off-road operation.

Galaxy 21L 24 in. 12 PR Rear & 12.5/80-18 10PR Front	4466	\$1,352.00
Galaxy 19.5L - 24 in. 12 PR Rear & 12.5/80-18 10PR Front	4464	In Base Price
Firestone 19.5L - 24 In. 10 PR (R4) Tubeless Rear & 12.5/80 - 18 In. 12 PR Traction Front Sure Grip Lug Tires	4781	\$604.00
86 in. (2.18 m) overall width. Rear tire chains require wheel spacers.		
Firestone 21L - 24 12PR & 12.5/80-18 12PR Traction Sure Grip Lug, Front	4891	\$1,927.00
92 Inches (2.33 M) overall width. Rear tire chains require wheel spacers.		
Michelin Radial - 500/70 R24 XMCL Rear & 340/80 R18 XMCL Front	4782	\$3,573.00
85 in. (2.16 m) overall width. Rear tire chains require wheel spacers.		
<b>FOR USE WITH 2 WHEEL DRIVE</b>		
Galaxy 19.5L - 24 in. 12 PR Rear & 12.5/80-18 12PR Front	4446	\$64.00

#### OPERATOR STATION

Description	Code	Price
Canopy (ROPS/FOPS)	2015	In Base Price
Isolation mounted Modular design ROPS/FOPS Level 2 (meets ISO 3449 & ISO 3471 / SAE J1040) Molded roof. Molded floor mats if Code 5285 is ordered . Mechanical Suspension Deluxe, Vinyl, Swivel Seat with Lumbar Adjustment and Arm Rests, Fully Adjustable. 3 In. Retractable Seat Belt. (2) front driving/working halogen lights - 32,500 Candlepower Each (2) rear working halogen lights - 32,500 Candlepower Each (6) additional work roof lights adds 2 front, 2 rear and 1 on each side of roof (4) turn signal/flashing/rear stop/tail lights - 2 front and rear (2) rear reflectors		
Cab	2035	\$12,889.00
Isolation mounted Modular design ROPS/FOPS Level 2 (meets ISO 3449 & ISO 3471 / SAE J1040) Molded roof. Tinted safety glass. Deluxe interior trim. Headliner. Molded floor mats. Less Radio. Air Conditioning 26,000 BTU. CFC free R134a refrigerant. Heater/defrosters/pressurizer, 40,000 BTU, 3 speed. Mechanical Suspension Deluxe, Cloth, Swivel Seat with Lumbar Adjustment and Arm Rests, Fully Adjustable. 3 in Seat Belt. Tilt Steering Wheel. Interior Rearview Mirror Front 2-speed wiper with windshield washer and rear 1-speed wiper. (2) front driving/working halogen lights - 32,500 Candlepower Each (2) rear working halogen lights - 32,500 Candlepower Each (6) additional work roof lights adds 2 front, 2 rear and 1 on each side of roof (4) turn signal/flashing/rear stop/tail lights - 2 front and rear		

(2) rear reflector

See Order As Desired codes for additional Cab options not included in standard Cab (i.e. Air Suspension Seat, Radio, Sun Visor).

#### ▼ BATTERY

Description	Code	Price
Single Battery, 150 Minute Reserve Capacity (950 CCA)	8625	In Base Price
Single Battery With Disconnect and Jump Post	8635	\$250.00
Dual Batteries, 300 Minute Reserve Capacity (1900 CCA)	8675	\$279.00
Dual Batteries With Disconnect and Jump Post	8685	\$529.00

#### ▼ BACKHOE DIPPERSTICK

Description	Code	Price
Extendible Dipperstick	6020	\$8,141.00
Extended stabilizer legs.		

#### ▼ REAR HYDRAULICS

Description	Code	Price
No Auxiliary	6210	In Base Price
Auxiliary Hydraulic with One Way Flow (Hammer)	6220	\$3,978.00
Includes plumbing to end of dipperstick.		
Auxiliary Hydraulic with One & Two Way Flow (Hammer & Thumb/Swinger)	6230	\$5,196.00
Includes plumbing to end of dipperstick for one way flow valve. Less plumbing for two way flow valve. Provides thumb mounting ears on dipperstick if available on that model.		

#### ▼ BACKHOE CONTROLS

Description	Code	Price
Pilot Controls, Two Lever, with Pattern Selection	5285	\$2,594.00
Auxiliary controls integrated into pilot control levers.		

#### ▼ BACKHOE BUCKETS

For Deere buckets:  
All buckets include lift holes.

Description	Code	Price
Less Backhoe Bucket with Bucket Pins	5600	In Base Price
18" (457 mm) Wide, Heavy-Duty, 5.1 Cu. Ft. (0.14 Cu. M.) Capacity Bucket	5626	\$1,253.00
Bucket includes TK Teeth.		
Top Hook 18" (457 mm) Wide, Heavy-Duty, 5.1 Cu. Ft.	5630	\$1,278.00

## (0.14 Cu. M.) Capacity Coupler Bucket

Bucket includes TK Teeth.  
Requires Code 5430 Top Hook Coupler.

24" (610 mm) Wide, Heavy-Duty, 7.5 Cu. Ft. (0.21 Cu. M.) Capacity Bucket	5656	\$1,276.00
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Bucket includes TK Teeth.

Top Hook 24" (610 mm) Wide, Heavy-Duty, 8.8 Cu. Ft. (0.25 Cu. M.) Capacity Coupler Bucket	5660	\$1,696.00
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Bucket includes TK Teeth.  
Requires Code 5430 Top Hook Coupler.

12 In. (305 mm) Wide Bucket, 3.3 Cu. Ft. (0.09 Cu. M.) Capacity Buckets	5616	\$1,101.00
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Bucket includes TK Teeth.

24" (610 mm) Wide, Severe-Duty, 7.5 Cu. Ft. (0.21 Cu. M.) Capacity Bucket	5658	\$1,753.00
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Bucket includes TK Teeth.

24" (610 mm) Wide, Heavy-Duty, 8.8 Cu. Ft. (0.25 Cu. M.) Capacity Bucket	5676	\$1,753.00
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Bucket includes TK Teeth.

24" (610 mm) Wide, Severe-Duty, 8.8 Cu. Ft. (0.25 Cu. M.) Capacity Bucket	5678	\$1,995.00
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Bucket includes TK Teeth.

▼ BACKHOE QUICK COUPLERS

Description	Code	Price
Less Coupler	5400	In Base Price

DEERE Standard Quick Coupler	5410	\$1,231.00
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For use with 310SE, SG, SJ, SK, SL; 410E, G,J, K, L backhoe buckets.  
Not compatible with 310E, G, J, K, L Series Backhoe Buckets.

Multi-Brand Quick Coupler	5420	\$1,399.00
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For use with DEERE C, D, SE, SG, SJ, SK, SL & SL HL Series buckets and with Case K, L, M and CAT C Series Buckets.  
Not for use with 710 Buckets.  
Not compatible with Case N-Series.

Spacers are recommended for Cat and Case buckets, see bulletin 07BH08 for details.

Top Hook Quick Coupler	5430	\$1,122.00
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For use with DEERE Top Hook Coupler bucket codes 5630 or 5660 and CP or Pre-XLS Wain Roy Top Hook Bucket.  
Top Hook Coupler will not work with DEERE thumbs.

New Series Multi-Brand Quick Coupler	5440	\$1,444.00
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For use with CAT D,E, F, Case K-L-M, and DEERE SE, SG, SJ, SK, SL & SL HL

Series backhoe buckets except high-capacity buckets and 710 buckets.  
Not compatible with Case N-Series.

Universal Coupler - Pin-grabber style coupler (non-hydraulic)	5450	\$2,761.00
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For use with DEERE C, D, SE, SG, SJ, SK, SL & SL HL Series buckets and with Case K, L, M, N and CAT C, D, E & F Series Buckets.  
Not for High Capacity Buckets and 710 Buckets.  
UNIVERSAL COUPLER will not work with DEERE thumbs.

LOADER HYDRAULICS

All selections come with Return to Dig feature.

Description	Code	Price
Two-Function Loader Hydraulics, Single Lever	7025	In Base Price
Loader Coupler, 2-Function Hydraulics, Single Lever	7035	\$6,646.00
Includes Ride Control Cannot be used with Code 9110 Ride Control Will accept G, J, K, and L-Series loader coupler buckets		
Three-Function Loader Hydraulics, Single Lever	7080	\$3,181.00
Single lever loader control with electro-hydraulic auxiliary control, clutch disconnect, momentary MFWD, and transmission quick shift. For multi-purpose bucket and front attachments. Includes valve with circuit relief and 5 In. (12.7 mm) hoses and steel lines to loader cross tube.		
Loader Coupler, 3-Function Hydraulics, Single Lever	7085	\$9,707.00
Includes Ride Control Not for use with Code 9110 Ride Control For multi-purpose coupler bucket and front attachments. Includes valve with circuit relief and .5 in. (12.7 mm) hoses and steel lines to loader cross tube. Will accept G, J, K, and L-Series loader coupler buckets.		

FRONT COUNTERWEIGHTS (PICK 1)

310SL HL COUNTERWEIGHT SELECTION CHART

Select the Proper Counterweight for the Machine and Optional Equipment

Add/subtract the options front axle percent. Then add the counterweight that gives the desired weight distribution (between 27-32%, Target - 30%) to select counterweight.

"To this percent weight, add/subtract the following option percents, according to configuration as ordered."

Base.....	+25.3%
Backhoe Coupler.....	-1.5%
Backhoe Attachment over 600 lbs.....	-2.0%
Multi-Purpose Loader Bucket.....	+5.9%
Loader Coupler.....	+4.4%
Standard Front Axle .....	-1.3%
Cab .....	-0.5%

"Choose counterweight which results in the target front axle weight percent"

Counterweight Options	
Bumper .....	0.0%
450 lb. Counterweight .....	2.5%
750 lb. Counterweight .....	4.0%
1,000 lb. Counterweight .....	5.1%
1,250 lb. Counterweight .....	6.3%

\*\*\* Base calculated using an Extendable dipper, Cab, Mechanical Front Wheel Drive, Standard Loader bucket, and a Standard Backhoe bucket.

Description	Code	Price
Front Cover	8410	In Base Price
Heavy-Duty Bumper	8415	\$217.00
450 Lb. (204 kg) Front Counterweight	8425	\$599.00
750 Lb. (340 kg) Front Counterweight	8455	\$971.00
1000 Lb. (454 kg) Front Counterweight	8475	\$1,337.00
1250 Lb. (567 kg) Front Counterweight	8485	\$1,711.00

## LOADER BUCKETS

Loader Buckets include Skid Plates and Lift Hooks unless stated otherwise.

Description	Code	Price
Less Loader Bucket with Pins for Buckets or Front Attachments	7600	In Base Price

Old Style pins will be necessary with older buckets and attachments.

### PIN-ON LOADER BUCKETS (Not for use with Coupler)

Not compatible with 7035 and 7085.

1.0 Cu. Yd. (.76 Cu. M.) Heavy-Duty 86 in. (2.18 m) wide Bucket with Bolt-On Cutting Edge and Skid Plates	7635	\$3,177.00
Bucket Capacity is without Cutting Edge.		
1.25 Cu. Yd. (.96 Cu. M.) 86 in. (2.18 m) Wide Long Lip Bucket no Auxiliary Cutting Edge, with Factory Skid Plates and no Additional Skid Shoes	7640	\$3,027.00
1.3 Cu. Yd. (1.0 Cu. M.) 92 in. (2.34 m) wide Heavy Duty Long Lip Bucket with Bolt on Cutting Edge and Skid Plates	7645	\$3,266.00
1.32 Cu. Yd. (1.0 Cu. M.), 92 in. (2.34 m) Wide Multipurpose Bucket	7685	\$6,910.00

Requires Code 7080, Aux. Loader Hydraulic  
Includes reversible bolt-on cutting edge and skid plates.  
Pre-drilled for eight teeth - Order teeth from parts.  
Includes two lift holes.

### COUPLER LOADER BUCKETS

Requires codes 7035 or 7085 Loader Coupler

Less Coupler Bucket	7605	No Charge
1.3 Cu. Yd. (1.0 Cu. M.) 92 in. (2.34 m) wide Heavy-Duty Long-Lip Coupler Bucket with Cutting Edges and Skid Plates.	7650	\$3,428.00
1.32 Cu. Yd. (1.0 Cu. M.), 92 in. (234 mm) wide Multipurpose Coupler Bucket	7690	\$7,097.00

Requires Code 7085, Aux. Loader Coupler Hydraulics.  
 Cannot be used with code 8475 or 8485 Counterweight.  
 Includes reversible bolt-on cutting edge and skid plates.  
 Pre-drilled for eight teeth - Order teeth from parts.  
 Includes two lift holes.

Optional - *Select as desired*

OPTIONAL EQUIPMENT - ORDER AS DESIRED			
Description	Code	Price	
<u>POWERTRAIN AND COOLING</u>			
Chrome Exhaust Extension	9045	\$173.00	
Full MFWD Driveshaft Guard	9505	\$417.00	
110 Volt Engine Coolant Heater (1000 Watts)	9080	\$167.00	
<u>OPERATOR STATION</u>			
Ride Control	9110	\$1,935.00	
Exterior Rear View Mirrors (2)	9920	\$334.00	
Sun Visor	9919	\$92.00	
Radio, Basic Package	9917	\$850.00	
AM/FM Radio, Weather Band.			
Radio, Premium Package	9916	\$1,320.00	
AM/FM Radio, Bluetooth, USB Aux Input, 3mm Line In Aux, Weather Band, XM Capable, Roof Storage Compartment for Mobile Devices.			
Headliner - Canopy	9117	\$145.00	
Tilt Steering - Canopy	9118	\$546.00	
Front View Mirror	9060	\$80.00	
Left Side Console Storage with Cup Holders	9210	\$79.00	
Seat, Cloth Air-Suspension	9965	\$490.00	
<u>OVERALL VEHICLE</u>			
Diagnostic Oil Sampling Ports	9515	\$201.00	
Requires code engine code 1085 or 1095. Includes 4 ports: Engine oil Engine coolant Transmission oil Hydraulic oil.			
Hydraulic Fluid - Hydrau XR Synthetic Oil	9088	\$592.00	
Intended for colder climates with extreme cold ambient temperatures down to -40C (-40F). Provides all-season capability in ambient temperatures ranging from -40C to 40C (-40F to 104F).			

Non-Export Rust Preventive Coating	9909	\$167.00
Coating protects exposed unpainted surfaces from road salt during shipment.		
Strobe Light	9905	\$572.00
Hydraulic 4-Tine (Extendible Dipperstick) Backhoe Thumb	9025	\$6,407.00
Includes plumbing from valve to thumb. Requires backhoe bucket code 5656 or 5658. Not for use with backhoe coupler Codes 5430, 5450.		

#### 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.johndeeretechno.com](http://www.johndeeretechno.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
<u>Attachments and Accessories:</u>		
Backhoe New Series Multi-Brand Quick Coupler	AT393558	\$1,444.00
For use with DEERE C-D-SE-SG-SJ-SK-SL Series buckets and with Case K-L-M and Cat D and E Series Buckets Buckets, High Capacity Buckets and 710J Buckets. Spacers are recommended for CAT and Case buckets, contact DMAC.		
Coupler, Deere Backhoe Bucket	AT336316	\$1,404.00
Fits 310SE, 310SG, 310SJ, 410E, 410G, 410J,410TJ backhoes. For use with 310SE, 310SG, 310SJ, 410E, 410G, 410J, 410TJ backhoe buckets Proper counterweighting is required. See Counterweight Selection Chart. Recommend Backhoe Boom Bolt-on Protection Plate.		
Coupler, Multi-Brand Universal Backhoe Bucket	AT336315	\$1,399.00
For use with CAT B & C Series, Case K-L-M and DEERE SE,SG & SJ Series backhoe buckets except High Capacity Buckets and 710 Buckets. Recommend AT179130 high-strength pin for 300D-510D and 210C-610C 18-36 Inch Buckets Proper counterweighting is required. See Counterweight Selection Chart. Recommend Backhoe Boom Bolt-on Protection Plate. UNIVERSAL COUPLER will not work with most thumbs Spacers are recommended for CAT and Case buckets, contact DMAC.		
Coupler, Top Hook Backhoe Bucket	AT324292	\$1,058.00
Fits on 410G, 410J, 410TJ, 310SG, 310SJ, 310TJ Backhoes. For use with Top Hook backhoe bucket from Deere, CP, and Pre-XLS Wain Roy Recommend Backhoe Boom Bolt-on Protection Plate. Proper counterweighting is required. See 310SJ or 410J Counterweight Selection Chart.		
Coupler, Universal - Pin-grabber style (non-hydraulic)	AT343629	\$3,646.00
Fits John Deere 310SE, 310SG, 310SJ, 310TJ, 410E, 410G, 410J, 410TJ backhoes For use with DEERE C-D-E-G-J Series buckets and with Case K-L-M and CAT		

C-D-E Series Buckets.  
 Not for High Capacity Buckets and 710 Buckets.  
 JOHN DEERE UNIVERSAL COUPLER will not work with most thumbs.  
 Proper counterweighing is required. See Counterweight Selection Chart.  
 Recommend Backhoe Boom Bolt-on Protection Plate.

Heavy Duty Stabilizer Pads	AT376410	\$450.00
Hydraulic 2-Tine Thumb Kit	AT456088	\$5,179.00
Recommended for use with 18 & 30 in. Backhoe Buckets. Requires plumbing kit.		
Hydraulic 4-Tine Thumb Kit	AT456089	\$5,179.00
Recommended for use with 24 in. Backhoe Buckets. Requires Plumbing Kit.		
Jump Start and Battery Disconnect Kit	AT437905	\$238.00
Pivotable Beacon Bracket	AT451194	\$100.00
Protection Plate, Backhoe Boom	AT333753	\$966.00
Bolt on or weld to underside of backhoe boom. Recommended for rental, lease, thumbs/clamps, swingers, jaw buckets, and non-Deere attachments on couplers.		
Standard Stabilizer Street Pads	AT376409	\$226.00
<u>Buckets:</u>		
Capacity rating is with auxiliary cutting edge or teeth with segments installed		
BKH Pin-On Bucket 24 In. (610 mm) Heavy Duty 7.5 Cu. Ft. (0.21 Cu. M.)	AT437343	\$1,426.00
BKH Pin-On Bucket 24 In. (610 mm) Standard-Duty 7.5 Cu. Ft. (0.21 Cu. M.)	AT437342	\$1,365.00
BKH Pin-on Bucket 12 In. (305 mm) Heavy-Duty 3.3 Cu. Ft. (0.09 Cu. M.)	AT437338	\$1,054.00
BKH Pin-on Bucket 18 In. (457 mm) Heavy-Duty 5.1 Cu. Ft. (0.14 Cu. M.)	AT437340	\$1,216.00
BKH Pin-on Bucket 24 In. (610 mm) Heavy-Duty 8.8 Cu. Ft. (0.25 Cu. M.)	AT437344	\$1,689.00
BKH Pin-on Bucket 30 In. (762 mm) Heavy-Duty 10.0 Cu. Ft. (0.28 Cu. M.)	AT437345	\$1,799.00
BKH Pin-on Bucket 36 In. (914 mm) Ditching; 12.5 Cu. Ft. (0.35 Cu. M.)	AT437616	\$1,536.00
BKH Pin-on Bucket w/ TK Teeth, 18 In. (457 mm) Severe-Duty 5.1 Cu. Ft. (0.14 Cu. M.)	AT422764	\$1,609.00
BKH Pin-on Bucket w/ TK Teeth, 24 In. (610 mm) Severe-Duty 7.5 Cu. Ft. (0.21 Cu. M.)	AT422767	\$1,753.00
BKH Pin-on Bucket w/ TK Teeth, 30 In. (762 mm) Severe-Duty 10.0 Cu. Ft. (0.28 Cu. M.)	AT422770	\$2,080.00
BKH Top Hook Coupler Bucket 12 in. (305 mm) Heavy Duty 3.3 Cu. Ft. (.09 Cu. M.)	AT437361	\$1,059.00

BKH Top Hook Coupler Bucket 18 in. (457 mm) Heavy Duty - 5.1 Cu. Ft. (0.14 Cu. M.)	AT437362	\$1,223.00
BKH Top Hook Coupler Bucket 24 in. (610 mm) Heavy Duty 7.5 Cu. Ft. (0.21 Cu. M.)	AT437363	\$1,433.00
LDR Coupler Bucket 1.0 Cu. Yd. (.76 Cu. M.) Heavy Duty 86 in. (2.18 m) wide with Reversible Bolt On Cutting Edge with Skid Plates	AT308991	\$2,852.00
LDR Coupler Bucket 1.13 Cu. Yd. (.86 Cu. M.) Heavy Duty 86 in. (2.18 m) wide Long Lip with Reversible Bolt On Cutting Edge and Skid Plates	AT308970	\$3,041.00
LDR Coupler Bucket 1.25 Cu. Yd. (.96 Cu. M.) Heavy Duty 86 in. (2.18 m) wide Long Lip without Bolt-On Cutting Edges or Skid Plates	AT308968	\$2,838.00
LDR Coupler Bucket 1.32 cu. yd. (1.0 cu. m) Heavy Duty 92 in. (2.34 m) Long Lip with Reversible Bolt On Cutting Edge and Skid Plates	AT308966	\$3,511.00
LDR Coupler Multi-Purpose Bucket 1.32 cu. yd. (1.0 cu. m) 92 in. (2.34 m) with Reversible Bolt On Cutting Edges and Skid Plates	AT448177	\$7,023.00
<p>Pre-drilled for eight teeth.  Includes two built-in lift loops.  Proper counterweighting is required.  See Counterweight Selection Chart.  Requires Backhoe configured with code 6020, Extendible Dipperstick.  Cannot be used on a backhoe configured with counterweight codes 8425, 8455, 8475, or 8485.</p>		
LDR Coupler Multipurpose Bucket 1.25 cu. yd. (.96 cu. m) 86 in. (2.18 m) wide with Reversible Bolt On Cutting Edges and Skid Plates	AT448176	\$6,735.00
<p>Requires Aux. Loader Coupler Hydraulics.  86 in. (2.18 m) bucket width.  Includes reversible bolt-on cutting edge and skid plates.  Pre-drilled for seven teeth.  Order teeth from parts.  Includes two built-in lift loops.  Requires Backhoe configured with code 6020, Extendible Dipperstick.  Cannot be used on a backhoe configured with counterweight codes 8425, 8455, 8475, or 8485.</p>		
LDR Pin-On Bucket 1.32 Cu. Yd. (1.0 Cu. M.) Heavy Duty Long Lip Bucket	AT308080	\$3,161.00
<p>92 in. (2.34 m) wide.  Includes reversible bolt-on cutting edge with skid plates.  * Includes two lift holes.</p>		
LDR Pin-on Bucket 1.13 Cu. Yd. (.86 Cu. M.) Heavy Duty 86 in. (2.18 m) wide with Reversible Bolt On Cutting Edge and Skid Plates	AT308071	\$3,053.00
LDR Pin-on Bucket 1.2 Cu.Yd. (.90 Cu. M.) Narrow 82 in. (2.08 m) Heavy-Duty Long Lip Narrow and Skid Plates	AT308188	\$2,540.00
LDR Pin-on Bucket 1.25 Cu. Yd. (.96 Cu. M.) Heavy Duty 86 in. (2.18 m) Long Lip and Skid Plates	AT308076	\$2,809.00

LDR Pin-on Multi-Purpose Bucket 1.32 Cu. Yd. (1.0 Cu. M.), 92 in. (2.34 m) wide with Reversible Bolt On Cutting Edges and Skid Plates	AT448178	\$6,601.00
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Requires Code 7075, or Third Function Loader Hydraulics.  
 92 in. (2.3 m) bucket width  
 Includes reversible bolt-on cutting edge with skid plates.  
 Pre-drilled for eight teeth.  
 Order teeth from parts.  
 Includes two lift holes.  
 Proper counterweight is required.  
 See Counterweight Selection Chart.

LDR Pin-on Multipurpose Bucket 1.00 Cu. Yd. (.76 Cu. M.) 82 in. (2.08 m) with Reversible Bolt On Cutting Edges and Skid Plates	AT448174	\$5,640.00
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LDR Pin-on Multipurpose Bucket 1.25 Cu. Yd. (.96 Cu. M.) 86 in. (2.18 m) with Reversible Bolt On Cutting Edge and Skid Plates	AT448175	\$6,520.00
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Requires Third Function Loader Control Valve Section, Controls and lines.  
 Predrilled for seven teeth.  
 Two built-in lift loops  
 Proper counterweighting is required.  
 See Counterweight Selection Chart.

Loader Coupler Attachment Adapter Hook Plates (2) Standard	AT336927	\$1,757.00
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#### Frame Attachment:

Counterweight, Front, 1,000 lbs (454 kg)	AT439072	\$1,337.00
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Use with (4) T119912 AND (4) 19M9124.

Counterweight, Front, 1,250 lbs (567 kg)	AT439073	\$1,711.00
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Use with (4) T119912 AND (4) 19M9124.

Counterweight, Front, 250 lbs (113 kg)	AT409592	\$361.00
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If adding to the 450 lb. (204 KG) counterweight, order (4) T151797, (2) 19M9088, AND (2) 14M7291.  
 For 750 lb. (340 KG), 1000 lb. (454 KG) and 1250 lb. (567 KG) counterweights, order (2) T151797 and (2) 19M8976

Counterweight, Front, 450 lbs (204 kg)	AT439070	\$599.00
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Use with (4) T119912 AND (4) 19M9124.

Counterweight, Front, 750 lbs (340 kg)	AT439071	\$971.00
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Use with (4) T119912 AND (4) 19M9124.

#### Front Attachments:

Forks, Pallet (2) 60 in.(1.52m) with 60 in. (1.52m) Coupler Fork Carriage	AT308139	\$3,565.00
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Forks, Pallet (2) 48 in.(1.22m) with 60 in. (1.52m) Coupler Fork Carriage	AT308138	\$3,394.00
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#### Guards:

MFWD Wheel Fender Kit for 18 in. tires only	AT371257	\$697.00
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Requires MFWD and 12.5/80-18 or 340/80R-18 front tires.

### Hydraulics:

Attachment Plumbing Kit	AT448592	\$945.00
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Plumbing from the backhoe valve out to the bulk head bracket.  
Requires additional plumbing to the selected attachment.

Auxiliary Backhoe Hydraulics for Auger, Extendible Dipperstick	AT450466	\$250.00
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Includes fittings and hydraulic couplers for bucket cylinder.  
Average installation, 1 hour.  
Bucket cylinder hoses are disconnected; bucket function operates auger forward and reverse. No additional controls are required.  
Dealer must supply 0.5 inch (12.7 mm) ID hoses from bucket cylinder hydraulic couplers to auger.

Auxiliary Loader Control Valve with 3 Function Hydraulics - Single Lever	AT431168	\$4,785.00
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L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.

Controlled Lowering Device for Backhoe Boom Cylinder	AT431164	\$2,431.00
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Controlled Lowering Device for Backhoe Dipper (Crowd) Cylinder	AT431163	\$2,036.00
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Hand Held Hydraulics	AT448428	\$447.00
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Plumbing routed from the backhoe valve to above the battery box for hook up of hand held attachments.  
Average installation, 4 hours.  
Includes two circuit reliefs, fittings, clamps and hardware.  
Requires Selective Flow Valve.  
Installed in Battery Box.

K-Series Style Loader Control Grip Kit	AT450437	\$414.00
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Plumbing Aux EXT Dipper	AT456673	\$463.00
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Plumbing for auxiliary hydraulics.

Selective Flow Control Kit	AT431167	\$1,695.00
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Selective flow control to the backhoe valve for switch control of auxiliary hydraulics.

Sixth Function EH Valve Kit	AT431161	\$146.00
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Value section and two hoses.

### Operator Environment:

Auto Ride Control Valve Kit	AT449593	\$549.00
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Valve and mounting plate must order plumbing, harness, and accumulator separately.

Autoshift Software	AT417183	View Price
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Order through JDPoint

Auxiliary Power Ports	AT451676	\$280.00
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Mounting kit for multi-purpose (ABC) Dry Chemical Fire Extinguisher	AT408903	\$96.00
Kit Does not Include Fire Extinguisher.		
Radio, Basic Kit	AT430023	\$850.00
AM/FM Radio, Weather Band.		
Radio, Premium Kit (AM/FM/WB)	AT430022	\$1,320.00
AM/FM Radio, Bluetooth, USB Aux Input, 3mm Line In Aux, Weather Band, XM Capable.		
Ride Control	AT431165	\$1,444.00
L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.		
Ride Control Plumbing Kit	AT452094	\$682.00
Harness, plumbing, and accumulator for ride control. Must order valve and mounting plate separately.		
Sun Visor	AT186307	\$92.00
<u>Overall Vehicle:</u>		
(2) External Rear View Mirrors	AT186155	\$282.00
Beacon/Strobe Ready Wiring Kit	AT313589	\$34.00
Kit for aftermarket Beacon or Strobe light Kit does not include Beacon		
Bumper Grille Frame Field	AT434236	\$82.00
Environmental Drain Kit	AT393180	\$573.00
Fluid Sampling Ports	AT433274	\$480.00
Not available on Stage II (Tier 2) engines.		
LED Flood Light Kit	AT445010	\$215.00
Includes 2 lights.		
LED Spot Light Kit	AT445009	\$215.00
Includes 2 lights.		
License Plate Bracket	AT446496	\$56.00
Light not included.		
Rear Wheel Spacers for Rear Tire Chains	AT347522	\$953.00
Rotating Beacon Kit	AT313592	\$257.00
Slow Moving Vehicle Emblem	AT186288	\$111.00
Stabilizer Cylinder Guards (Set of Two)	AT305073	\$303.00

Strobe Light Kit	AT313583	\$342.00
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Magnet mounted.

▼ REFERRAL ATTACHMENTS

Description	Code	Price
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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

Guard, Transmission Bottom	AT441379	\$1,579.00
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Current Date 13Apr2015

## 310SL BACKHOE LOADER

## 310SL Standard Equipment

COOLING SYSTEM:	ISO (Deere) 2 Lever Mechanical Backhoe Controls	Engine Coolant Temperature Gauge Fuel Gauge
Engine Radiator		Transmission Oil Temperature Gauge
Engine Coolant -40 Degrees F (-40C)	Reversible Pad Stabilizer Feet with integrated lock	Electric Monitor System with Audible and Visual Warning:
Coolant Recovery Take with Low Level Indicator	Stabilizer Two-Direction Anti-Drift Valves	Air Cleaner restriction Low Alternator Voltage
Oil-to-Water Engine Oil Cooler	Less Bucket with Bucket Pins	Engine Oil Pressure Hydraulic Filter Restriction
Fold-Out, Hinged Cooling System	LOADER:	Park Brake On-Off Seat Belt Engine Coolant Temperature
High Ambient Temperature Engine Coolant	Return-To-Dig Feature Bucket Level Indicator	
POWERTRAIN:	Hydraulic Self-Leveling (anti- spill)	Transmission Oil Temperature
Powershift Transmission with Torque Converter	Single Lever Control with Electric Clutch Cut-off Switch	Fuel Electric Hourmeter/ Tachometer / Voltmeter
Electronic Transmission controller with on-board diagnostics	Less Bucket with Bucket Pins	Sealed Switch Module Keyless Start Machine Security
Single Electric Transmission Control Lever (Forward/Neutral/Reverse)	Loader Boom Service Lock High-Visibility Loader Arms	12 Volt Outlets (2) Horn
with integrated gear selection & horn	ELECTRICAL:	Interior Rearview Mirror Rotary Hand Trottle
Vertical Spin-on transmission Filter	12 Volt System 120 Amp Alternator (canopy)	Suspended Foot Throttle Built-In Operator's Manual
Auto Shutdown	(4) Front Drive/Work, (4) Rear Work and (2) side docking halogen	Storage Compartment Built- In Cup Holder, Coat Hook
Planetary Final Drives	lights (32,500 Candlepower Each) (2) Front and (2) Rear Turn	Lockable Right-Side Storage
Differential Lock, Foot Switch Activated, Protection On/Off	Signal/Flashing (2) Rear Stop and Tail (2) Rear Reflectors	OVERALL VEHICLE: (2) Front and (2) Rear built- In tie Downs
Mechanical Limited Slip Front Wheel Drive	Single Battery with 180 Minute reserve Capacity and 925 CCA	One Piece Unitized Construction Mainframe
Hydrostatic Power Steering with Emergency Manual Mode	Blade Type Multi-Fused Circuits	Extended Grille Frame Dent Resistant Rear Fenders
Power-Assisted Hydraulic Service Brakes Inboard, Wet Disc,	By-Pass Start Safety Cover on Starter	Vandal Protection Locking for:
Self-Adjusting and Self- Equalizing (Conforms to ISO 3450)	Positive Terminal Battery Cover	Engine Hood Monitor Tool Box
Parking/Emergency Brake: Independent of Service Brakes (Conforms to ISO 3450) Spring Applied,	OPERATOR STATION: Modular Design ROPS/FOPS Level 2 Canopy Isolation	

Hydraulically Released, Wet Multi-Disc	Mounted with Molded Roof (Conforms to SAE J1040)	Fuel Tank
HYDRAULICS:	Left and Right Side Access	Hydraulic Reservoir
36 GPM ( 136 L/m) Tandem Gear Pump - Open Center	Molded Floor Mat and Headliner	37 Gal. (140L) Fuel Tank
Dedicated Hydraulic Reservoir	Slip Resistant Steps and Ergonomically Located Handholds (Conforms to SAE J185)	Reverse Warning Alarm
6 Micron Vertical Spin-On Filter	Seat, Deluxe Deep Foam, Vinyl Cover, High Back with Adjustable: Suspension for Weight/Height	19.5L - 24 In. 12 PR (R4) Tubeless Rear and 12.5/80 - 18 In. 10 PR Traction Front Sure Grip Lug Tires
"O" Ring Face Seal Connectors	Seat, Deluxe Deep Foam, Vinyl Cover, High Back with Adjustable: Suspension for Weight/Height	Ground Level Fueling
Circuit Relief Valve Protection	Fore-Aft Lumbar Adjustments	Remote Grease Bank for Front Axle
Economy Mode	Arm Rests	Tilt Hood with (2) Service Positions
Auto Idle	3 In. Seat Belt with Retractor	JDLink Ultimate in Approved Countries
BACKHOE:		
Backhoe Transport Lock Lever		
Swing Locking Pin Stored in Op. Station		

Required - *You must select one from each category*

▼ BASE MACHINE

Ex-Works Dubuque, Iowa, United States of America

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
310SL BACKHOE LOADER	0A70T	\$112,506.00

▼ ENGINE

Description	Code	Price
John Deere PowerTech PWL 4.5L (276 Cu. In.) Engine Meets Final Tier 4 and Stage IV Emissions with Net Peak Power of 99 Hp.	1065	\$9,494.00

For use only in areas where EPA Final Tier 4/EU Stage IV is required.

Turbocharged.  
Wet Sleeve Cylinder Liners.  
4 Valves / Cylinder.  
Electronically Controlled HPCR Fuel Delivery System, B20 Biodiesel Compatible .  
Cooled Exhaust Gas Recirculation.  
Serpentine Belt with Automatic Belt Tensioner.  
Enclosed Safety Fan Guard.  
Vertical Spin-On Engine Oil Filter.  
Spin-On Fuel Filter with Water Separator.  
Dual Safety Element Dry-Type Air Cleaner with Evacuator Valve.  
Underhood Catalysts with Vertical Curved Exhaust Stack.  
Passive flow-through Exhaust Aftertreatment system with Grid Heater.  
Electronically controlled, variable-speed cooling fan.

▼ 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
<p>JDLink Ultimate Cellular for the Americas, excluding Costa Rica</p> <p>Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and JDLink Ultimate activation.</p> <p>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.</p> <p>Includes 3 year subscription. Annual subscription renewal required after 3 years for continued functionality. JDLink customer account must be created to access JDLink Ultimate data. Go to <a href="http://www.StellarSupport.com">www.StellarSupport.com</a> to renew or update JDLink subscriptions.</p> <p>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 <a href="http://www.JohnDeere.com/Agreements">www.JohnDeere.com/Agreements</a>. If these terms and conditions are not agreeable do not proceed and do not use the service.</p>	1700	In Base Price
<p>JDLink Ultimate Satellite for the Americas, excluding Costa Rica</p> <p>Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and JDLink Ultimate activation.</p> <p>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.</p> <p>Includes 3 year dual mode subscription. Annual subscription renewal required after 3 years for continued functionality. JDLink customer account must be created to access JDLink Ultimate data. Go to <a href="http://www.StellarSupport.com">www.StellarSupport.com</a> to renew or update JDLink subscriptions.</p> <p>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 <a href="http://www.JohnDeere.com/Agreements">www.JohnDeere.com/Agreements</a>. If these terms and conditions are not agreeable do not proceed and do not use the service.</p>	1701	\$1,807.00
<p>JDLink Ultimate Cellular for the Americas, excluding Costa Rica - 5 Years</p> <p>Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and JDLink Ultimate activation.</p> <p>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.</p> <p>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 <a href="http://www.StellarSupport.com">www.StellarSupport.com</a> to renew or update JDLink subscriptions.</p> <p>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 <a href="http://www.JohnDeere.com/Agreements">www.JohnDeere.com/Agreements</a>. If these terms and conditions are not agreeable do not proceed and do not use the service.</p>	1710	\$1,422.00
<p>JDLink Ultimate Satellite for the Americas, excluding Costa Rica - 5 Years</p> <p>Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and JDLink Ultimate activation.</p>	1711	\$3,655.00

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 dual mode 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.

#### LANGUAGE DECALS

Description	Code	Price
English Decals with English Operator and Safety Manuals	2401	In Base Price
Includes English decals installed and English language operator's manual and parts book		
English Decals with Spanish Decals and Manuals Separate	2403	In Base Price
Includes English decals installed with Spanish decal packet and English language operator's manual and parts book		
English Decals with French Decals and Manuals Separate	2404	In Base Price
Includes English decals installed and French decal packet and English language operator's manual and parts book		
No Text Labels with English Operator and Safety Manuals	2410	In Base Price
No Text Labels with Spanish Operator and Safety Manuals	2411	In Base Price
No Text Labels with French Operator and Safety Manuals	2412	In Base Price

#### FRONT AXLE AND TRANSMISSION

Description	Code	Price
Mechanical Front Wheel Drive (MFWD) with Limited Slip Differential and 5F/3R Autoshift Transmission	3095	\$2,876.00
Autoshift can be turned on/off in the SSM. When Autoshift is off, Backhoe will operate with Powershift transmission.		
2 Wheel Drive with 5F/3R Powershift Transmission	3035	(\$9,872.00)
Includes torque converter with electrically actuated twist grip TCL in 1st through 5th gears.		
Mechanical Front Wheel Drive (MFWD) with Limited Slip Differential and 5F/3R Powershift Transmission	3065	In Base Price
Includes torque converter with electrically actuated twist grip TCL in 1st through 5th gears.		

#### TIRES AND WHEELS (FRONT AND REAR)

Description	Code	Price
<a href="#">FOR USE WITH MECHANICAL FRONT WHEEL DRIVE</a>		

Galaxy 580 Radial - 500/70R24 Rear & 340/80R18 Front	4484	\$2,693.00
Tire designed for off-road operation.		
Galaxy 21L 24 in. 12 PR Rear & 12.5/80-18 10PR Front	4466	\$1,352.00
Galaxy 19.5L - 24 in. 12 PR Rear & 12.5/80-18 10PR Front	4464	In Base Price
Firestone 19.5L - 24 In. 10 PR (R4) Tubeless Rear & 12.5/80 - 18 In. 12 PR Traction Front Sure Grip Lug Tires	4781	\$604.00
86 in. (2.18 m) overall width. Rear tire chains require wheel spacers.		
Firestone 21L - 24 12PR & 12.5/80-18 12PR Traction Sure Grip Lug, Front	4891	\$1,927.00
92 Inches (2.33 M) overall width. Rear tire chains require wheel spacers.		
Michelin Radial - 500/70 R24 XMCL Rear & 340/80 R18 XMCL Front	4782	\$3,573.00
85 in. (2.16 m) overall width. Rear tire chains require wheel spacers.		
Galaxy 550 Radial - 500/70R24 Rear & 340/80R18 Front	4482	\$3,812.00
Tire designed for hard surface roading and snow.		
<b>FOR USE WITH 2 WHEEL DRIVE</b>		
Galaxy 19.5L - 24 in. 12 PR Rear & 12.5/80-18 12PR Front	4446	\$64.00



## OPERATOR STATION

Description	Code	Price
Canopy (ROPS/FOPS)	2015	In Base Price
Isolation mounted Modular design ROPS/FOPS Level 2 (meets ISO 3449 & ISO 3471 / SAE J1040) Molded roof. Molded floor mats if Code 5285 is ordered . Mechanical Suspension Deluxe, Vinyl, Swivel Seat with Lumbar Adjustment and Arm Rests, Fully Adjustable. 3 In. Retractable Seat Belt. (2) front driving/working halogen lights - 32,500 Candlepower Each (2) rear working halogen lights - 32,500 Candlepower Each (6) additional work roof lights adds 2 front, 2 rear and 1 on each side of roof (4) turn signal/flashing/rear stop/tail lights - 2 front and rear (2) rear reflectors		
Quarter Cab (Window in Front)	2010	\$1,194.00
Isolation mounted Modular design ROPS/FOPS Level 2 (meets ISO 3449 & ISO 3471 / SAE J1040) Molded roof. Molded floor mats if Code 5285 is ordered. Mechanical Suspension Deluxe, Vinyl, Swivel Seat with Lumbar Adjustment and Arm Rests, Fully Adjustable. 3 In. Retractable Seat Belt. Front wiper with windshield washer (2) front driving/working halogen lights - 35,200 Candlepower Each (2) rear working halogen lights - 35,200 Candlepower Each (6) additional work roof lights adds 2 front, 2 rear and 1 on each side of roof (4) turn signal/flashing/rear stop/tail lights - 2 front and rear (2) rear reflectors		

Cab 2035 \$12,889.00

Isolation mounted Modular design ROPS/FOPS Level 2 (meets ISO 3449 & ISO 3471 / SAE J1040) Molded roof.  
 Tinted safety glass.  
 Deluxe interior trim.  
 Headliner.  
 Molded floor mats.  
 Less Radio.  
 Air Conditioning 26,000 BTU.  
 CFC free R134a refrigerant.  
 Heater/defrosters/pressurizer, 40,000 BTU, 3 speed.  
 Mechanical Suspension Deluxe, Cloth, Swivel Seat with Lumbar Adjustment and Arm Rests, Fully Adjustable.  
 3 in Seat Belt.  
 Tilt Steering Wheel.  
 Interior Rearview Mirror  
 Front 2-speed wiper with windshield washer and rear 1-speed wiper.  
 (2) front driving/working halogen lights - 32,500 Candlepower Each  
 (2) rear working halogen lights - 32,500 Candlepower Each  
 (6) additional work roof lights adds 2 front, 2 rear and 1 on each side of roof  
 (4) turn signal/flashing/rear stop/tail lights - 2 front and rear  
 (2) rear reflector

See Order As Desired codes for additional Cab options not included in standard Cab (i.e. Air Suspension Seat, Radio, Sun Visor).

▼ BATTERY

Description	Code	Price
Single Battery, 150 Minute Reserve Capacity (950 CCA)	8625	In Base Price
Single Battery With Disconnect and Jump Post	8635	\$250.00
Dual Batteries, 300 Minute Reserve Capacity (1900 CCA)	8675	\$279.00
Dual Batteries With Disconnect and Jump Post	8685	\$529.00

▼ BACKHOE DIPPERSTICK

Description	Code	Price
Standard Dipperstick	6010	In Base Price
Standard stabilizer legs.		
Extendible Dipperstick	6020	\$8,141.00
Extended stabilizer legs.		

▼ REAR HYDRAULICS

Description	Code	Price
No Auxiliary	6210	In Base Price
Auxiliary Hydraulic with One Way Flow (Hammer)	6220	\$2,608.00
Includes plumbing to end of dipperstick. Requires code 6020.		
Auxiliary Hydraulic with One & Two Way Flow (Hammer & Thumb/Swinger)	6230	\$3,597.00
Includes plumbing to end of dipperstick for one way flow valve. Less plumbing for two way flow valve.		

Provides thumb mounting ears on dipperstick if available on that model.

## ▼ BACKHOE CONTROLS

Description	Code	Price
Mechanical Controls, Two Lever, ISO (DEERE)	5225	In Base Price
Pilot Controls, Two Lever, with Pattern Selection	5285	\$2,594.00

Horn button integrated into pilot control levers.

## ▼ BACKHOE BUCKETS

For Deere buckets:  
All buckets include lift holes.

Description	Code	Price
Less Backhoe Bucket with Bucket Pins	5600	In Base Price

12 In. (305 mm) Wide Bucket, 3.3 Cu. Ft. (0.09 Cu. M.) Capacity Buckets	5616	\$1,101.00
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Bucket includes TK Teeth.

18" (457 mm) Wide, Heavy-Duty, 5.1 Cu. Ft. (0.14 Cu. M.) Capacity Bucket	5626	\$1,253.00
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Bucket includes TK Teeth.

Top Hook 18" (457 mm) Wide, Heavy-Duty, 5.1 Cu. Ft. (0.14 Cu. M.) Capacity Coupler Bucket	5630	\$1,278.00
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Bucket includes TK Teeth.  
Requires Code 5430 Top Hook Coupler.

24" (610 mm) Wide, Heavy-Duty, 7.5 Cu. Ft. (0.21 Cu. M.) Capacity Bucket	5656	\$1,276.00
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Bucket includes TK Teeth.

Top Hook 24" (610 mm) Wide, Heavy-Duty, 8.8 Cu. Ft. (0.25 Cu. M.) Capacity Coupler Bucket	5660	\$1,696.00
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Bucket includes TK Teeth.  
Requires Code 5430 Top Hook Coupler.

24" (610 mm) Wide, Severe-Duty, 7.5 Cu. Ft. (0.21 Cu. M.) Capacity Bucket	5658	\$1,753.00
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Bucket includes TK Teeth.

24" (610 mm) Wide, Heavy-Duty, 8.8 Cu. Ft. (0.25 Cu. M.) Capacity Bucket	5676	\$1,753.00
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Bucket includes TK Teeth.

24" (610 mm) Wide, Severe-Duty, 8.8 Cu. Ft. (0.25 Cu. M.) Capacity Bucket	5678	\$1,995.00
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Bucket includes TK Teeth.

## ▼ BACKHOE QUICK COUPLERS

Description	Code	Price
Less Coupler	5400	In Base Price
DEERE Standard Quick Coupler	5410	\$1,231.00
For use with 310SE, SG, SJ, SK, SL; 410E, G,J, K, L backhoe buckets. Not compatible with 310E, G, J, K, L Series Backhoe Buckets.		
Multi-Brand Quick Coupler	5420	\$1,399.00
For use with DEERE C, D, SE, SG, SJ, SK, SL & SL HL Series buckets and with Case K, L, M and CAT C Series Buckets. Not for use with 710 Buckets. Not compatible with Case N-Series.  Spacers are recommended for Cat and Case buckets, see bulletin 07BH08 for details.		
Top Hook Quick Coupler	5430	\$1,122.00
For use with DEERE Top Hook Coupler bucket codes 5630 or 5660 and CP or Pre-XLS Wain Roy Top Hook Bucket. Top Hook Coupler will not work with DEERE thumbs.		
New Series Multi-Brand Quick Coupler	5440	\$1,444.00
For use with CAT D,E, F, Case K-L-M, and DEERE SE, SG, SJ, SK, SL & SL HL Series backhoe buckets except high-capacity buckets and 710 buckets. Not compatible with Case N-Series.		
Universal Coupler - Pin-grabber style coupler (non-hydraulic)	5450	\$2,761.00
For use with DEERE C, D, SE, SG, SJ, SK, SL & SL HL Series buckets and with Case K, L, M, N and CAT C, D, E & F Series Buckets. Not for High Capacity Buckets and 710 Buckets. UNIVERSAL COUPLER will not work with DEERE thumbs.		

## LOADER HYDRAULICS

All selections come with Return to Dig feature.

Description	Code	Price
Two-Function Loader Hydraulics, Single Lever	7025	In Base Price
Loader Coupler, 2-Function Hydraulics, Single Lever	7035	\$6,646.00
Includes Ride Control Cannot be used with Code 9110 Ride Control Will accept G, J, K, and L-Series loader coupler buckets		
Three-Function Loader Hydraulics, Single Lever	7080	\$3,181.00
Single lever loader control with electro-hydraulic auxiliary control, clutch disconnect, momentary MFWD, and transmission quick shift. For multi-purpose bucket and front attachments. Includes valve with circuit relief and 5 In. (12.7 mm) hoses and steel lines to loader cross tube.		
Loader Coupler, 3-Function Hydraulics, Single Lever	7085	\$9,707.00
Includes Ride Control Not for use with Code 9110 Ride Control For multi-purpose coupler bucket and front attachments. Includes valve with circuit relief and .5 in. (12.7 mm) hoses and steel lines to loader cross tube.		

Will accept G, J, K, and L-Series loader coupler buckets.

## FRONT COUNTERWEIGHTS (PICK 1)

### 310SL COUNTERWEIGHT SELECTION CHART

Select the Proper Counterweight for the Machine and Optional Equipment

Add/subtract the options front axle percent. Then add the counterweight that gives the desired weight distribution (between 27-32%, Target - 30%) to select counterweight.

"To this percent weight, add/subtract the following option percents, according to configuration as ordered."

Base..... +30.0%  
 Extendable..... -4.7%  
 Backhoe Coupler..... -1.5%  
 Backhoe Attachment over 600 lbs..... -2.0%  
 Multi-Purpose Loader Bucket..... +5.9%  
 Loader Coupler..... +4.4%  
 Standard Front Axle ..... -1.3%  
 Cab ..... -0.5%

"Choose counterweight which results in the target front axle weight percent"

#### Counterweight Options

Bumper ..... 0.0%  
 450 lb. Counterweight ..... 2.5%  
 750 lb. Counterweight ..... 4.0%  
 1,000 lb. Counterweight ..... 5.1%  
 1,250 lb. Counterweight ..... 6.3%

\*\*\* Base calculated using an Extendable dipper, Cab, Mechanical Front Wheel Drive, Standard Loader bucket, and a Standard Backhoe bucket.

Description	Code	Price
Front Cover	8410	In Base Price
Heavy-Duty Bumper	8415	\$217.00
450 Lb. (204 kg) Front Counterweight	8425	\$599.00
750 Lb. (340 kg) Front Counterweight	8455	\$971.00
1000 Lb. (454 kg) Front Counterweight	8475	\$1,337.00
1250 Lb. (567 kg) Front Counterweight	8485	\$1,711.00

## LOADER BUCKETS

Loader Buckets include Skid Plates and Lift Hooks unless stated otherwise.

Description	Code	Price
Less Loader Bucket with Pins for Buckets or Front Attachments	7600	In Base Price

Old Style pins will be necessary with older buckets and attachments.

### PIN-ON LOADER BUCKETS (Not for use with Coupler)

Not compatible with 7035 and 7085.

1.0 Cu. Yd. (.76 Cu. M.) Heavy-Duty 86 in. (2.18 m) wide Bucket with Bolt-On Cutting Edge and Skid Plates	7635	\$3,177.00
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Bucket Capacity is without Cutting Edge.

1.25 Cu. Yd. (.96 Cu. M.) 86 in. (2.18 m) Wide Long Lip Bucket no Auxiliary Cutting Edge, with Factory Skid Plates and no Additional Skid Shoes	7640	\$3,027.00
1.3 Cu. Yd. (1.0 Cu. M.) 92 in. (2.34 m) wide Heavy Duty Long Lip Bucket with Bolt on Cutting Edge and Skid Plates	7645	\$3,266.00
1.32 Cu. Yd. (1.0 Cu. M.), 92 in. (2.34 m) Wide Multipurpose Bucket	7685	\$6,910.00
<p>Requires Code 7080, Aux. Loader Hydraulic Includes reversible bolt-on cutting edge and skid plates. Pre-drilled for eight teeth - Order teeth from parts. Includes two lift holes.</p>		

### COUPLER LOADER BUCKETS

Requires codes 7035 or 7085 Loader Coupler

Less Coupler Bucket	7605	No Charge
1.3 Cu. Yd. (1.0 Cu. M.) 92 in. (2.34 m) wide Heavy-Duty Long-Lip Coupler Bucket with Cutting Edges and Skid Plates.	7650	\$3,428.00
1.32 Cu. Yd.(1.0 Cu. M.), 92 in.(234 mm) wide Multipurpose Coupler Bucket	7690	\$7,097.00
<p>Requires Code 7085, Aux. Loader Coupler Hydraulics. Requires Code 6020, Extendible Dipperstick. Cannot be used with a counterweight (codes 8425, 8455, 8475, or 8485). Includes reversible bolt-on cutting edge and skid plates. Pre-drilled for eight teeth - Order teeth from parts. Includes two lift holes.</p>		

Optional - *Select as desired*

#### OPTIONAL EQUIPMENT - ORDER AS DESIRED

Description	Code	Price
<u>POWERTRAIN AND COOLING</u>		
Chrome Exhaust Extension	9045	\$173.00
Full MFWD Driveshaft Guard	9505	\$417.00
110 Volt Engine Coolant Heater (1000 Watts)	9080	\$167.00
Electric Ether Start Aid without Ether Canister	9085	\$310.00
Not for use with engine code 1065 (Final Tier Engine).		
<u>OPERATOR STATION</u>		
Ride Control	9110	\$1,935.00
Exterior Rear View Mirrors (2)	9920	\$334.00
Sun Visor	9919	\$92.00
Radio, Basic Package	9917	\$850.00

<i>AM/FM Radio, Weather Band.</i>		
Radio, Premium Package	9916	\$1,320.00
<i>AM/FM Radio, Bluetooth, USB Aux Input, 3mm Line In Aux, Weather Band, XM Capable, Roof Storage Compartment for Mobile Devices.</i>		
Headliner - Canopy	9117	\$145.00
Tilt Steering - Canopy	9118	\$546.00
Floor Mat - Canopy	9119	\$364.00
Front View Mirror	9060	\$80.00
Left Side Console Storage with Cup Holders	9210	\$79.00
Seat, Cloth Air-Suspension	9965	\$490.00
<b><u>OVERALL VEHICLE</u></b>		
Hydraulic 4-Tine (Standard Dipperstick) Backhoe Thumb	9020	\$6,583.00
<i>Requires code 6230 Hydraulics. Includes plumbing from valve to thumb. Requires backhoe bucket code 5656 or 5658. Not for use with backhoe coupler Codes 5430, 5450.</i>		
Diagnostic Oil Sampling Ports	9515	\$201.00
<i>Requires code engine code 1085 or 1095. Includes 4 ports: Engine oil Engine coolant Transmission oil Hydraulic oil.</i>		
Hydraulic Fluid - Hydrau XR Synthetic Oil	9088	\$592.00
<i>Intended for colder climates with extreme cold ambient temperatures down to -40C (-40F). Provides all-season capability in ambient temperatures ranging from -40C to 40C (-40F to 104F).</i>		
Non-Export Rust Preventive Coating	9909	\$167.00
<i>Coating protects exposed unpainted surfaces from road salt during shipment.</i>		
Strobe Light	9905	\$572.00
Hydraulic 4-Tine (Extendible Dipperstick) Backhoe Thumb	9025	\$6,407.00
<i>Includes plumbing from valve to thumb. Requires backhoe bucket code 5656 or 5658. Not for use with backhoe coupler Codes 5430, 5450.</i>		
Heavy-Duty Backhoe Bucket Cylinder	9140	\$266.00
<i>Increases backhoe bucket breakout force by 27%.</i>		
Standard Stabilizer Legs	9035	(\$700.00)

▼ ATTACHMENTS FOR FIELD CONVERSION

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

All attachments are sold as a quantity of one.

Description	Code	Price
<u>Attachments and Accessories:</u>		
Backhoe New Series Multi-Brand Quick Coupler	AT393558	\$1,444.00
For use with DEERE C-D-SE-SG-SJ-SK-SL Series buckets and with Case K-L-M and Cat D and E Series Buckets Buckets, High Capacity Buckets and 710J Buckets. Spacers are recommended for CAT and Case buckets, contact DMAC.		
Coupler, Deere Backhoe Bucket	AT336316	\$1,404.00
Fits 310SE, 310SG, 310SJ, 410E, 410G, 410J,410TJ backhoes. For use with 310SE, 310SG, 310SJ, 410E, 410G, 410J, 410TJ backhoe buckets Proper counterweighting is required. See Counterweight Selection Chart. Recommend Backhoe Boom Bolt-on Protection Plate.		
Coupler, Multi-Brand Universal Backhoe Bucket	AT336315	\$1,399.00
For use with CAT B & C Series, Case K-L-M and DEERE SE,SG & SJ Series backhoe buckets except High Capacity Buckets and 710 Buckets. Recommend AT179130 high-strength pin for 300D-510D and 210C-610C 18-36 Inch Buckets Proper counterweighting is required. See Counterweight Selection Chart. Recommend Backhoe Boom Bolt-on Protection Plate. UNIVERSAL COUPLER will not work with most thumbs Spacers are recommended for CAT and Case buckets, contact DMAC.		
Coupler, Top Hook Backhoe Bucket	AT324292	\$1,058.00
Fits on 410G, 410J, 410TJ, 310SG, 310SJ, 310TJ Backhoes. For use with Top Hook backhoe bucket from Deere, CP, and Pre-XLS Wain Roy Recommend Backhoe Boom Bolt-on Protection Plate. Proper counterweighting is required. See 310SJ or 410J Counterweight Selection Chart.		
Coupler, Universal - Pin-grabber style (non-hydraulic)	AT343629	\$3,646.00
Fits John Deere 310SE, 310SG, 310SJ, 310TJ, 410E, 410G, 410J, 410TJ backhoes For use with DEERE C-D-E-G-J Series buckets and with Case K-L-M and CAT C-D-E Series Buckets. Not for High Capacity Buckets and 710 Buckets. JOHN DEERE UNIVERSAL COUPLER will not work with most thumbs. Proper counterweighting is required. See Counterweight Selection Chart. Recommend Backhoe Boom Bolt-on Protection Plate.		
Heavy Duty Stabilizer Pads	AT376410	\$450.00
Hydraulic 2-Tine Thumb Kit	AT456088	\$5,179.00
Recommended for use with 18 & 30 in. Backhoe Buckets. Requires plumbing kit.		
Hydraulic 4-Tine Thumb Kit	AT456089	\$5,179.00
Recommended for use with 24 in. Backhoe Buckets. Requires Plumbing Kit.		

Jump Start and Battery Disconnect Kit	AT437905	\$238.00
Pivotable Beacon Bracket	AT451194	\$100.00
Protection Plate, Backhoe Boom	AT333753	\$966.00
Bolt on or weld to underside of backhoe boom. Recommended for rental, lease, thumbs/clamps, swingers, jaw buckets, and non-Deere attachments on couplers.		
Standard Stabilizer Street Pads	AT376409	\$226.00
<u>Buckets:</u>		
Capacity rating is with auxiliary cutting edge or teeth with segments installed		
BKH Pin-On Bucket 24 In. (610 mm) Heavy Duty 7.5 Cu. Ft. (0.21 Cu. M.)	AT437343	\$1,426.00
BKH Pin-On Bucket 24 In. (610 mm) Standard-Duty 7.5 Cu. Ft. (0.21 Cu. M.)	AT437342	\$1,365.00
BKH Pin-on Bucket 12 In. (305 mm) Heavy-Duty 3.3 Cu. Ft. (0.09 Cu. M.)	AT437338	\$1,054.00
BKH Pin-on Bucket 18 In. (457 mm) Heavy-Duty 5.1 Cu. Ft. (0.14 Cu. M.)	AT437340	\$1,216.00
BKH Pin-on Bucket 24 In. (610 mm) Heavy-Duty 8.8 Cu. Ft. (0.25 Cu. M.)	AT437344	\$1,689.00
BKH Pin-on Bucket 30 In. (762 mm) Heavy-Duty 10.0 Cu. Ft. (0.28 Cu. M.)	AT437345	\$1,799.00
BKH Pin-on Bucket 36 In. (914 mm) Ditching; 12.5 Cu. Ft. (0.35 Cu. M.)	AT437616	\$1,536.00
BKH Pin-on Bucket w/ TK Teeth, 18 In. (457 mm) Severe-Duty 5.1 Cu. Ft. (0.14 Cu. M.)	AT422764	\$1,609.00
BKH Pin-on Bucket w/ TK Teeth, 24 In. (610 mm) Severe-Duty 7.5 Cu. Ft. (0.21 Cu. M.)	AT422767	\$1,753.00
BKH Pin-on Bucket w/ TK Teeth, 30 In. (762 mm) Severe-Duty 10.0 Cu. Ft. (0.28 Cu. M.)	AT422770	\$2,080.00
BKH Top Hook Coupler Bucket 12 in. (305 mm) Heavy Duty 3.3 Cu. Ft. (.09 Cu. M.)	AT437361	\$1,059.00
BKH Top Hook Coupler Bucket 18 in. (457 mm) Heavy Duty - 5.1 Cu. Ft. (0.14 Cu. M.)	AT437362	\$1,223.00
BKH Top Hook Coupler Bucket 24 in. (610 mm) Heavy Duty 7.5 Cu. Ft. (0.21 Cu. M.)	AT437363	\$1,433.00
LDR Coupler Bucket 1.0 Cu. Yd. (.76 Cu. M.) Heavy Duty 86 in. (2.18 m) wide with Reversible Bolt On Cutting Edge with Skid Plates	AT308991	\$2,852.00
LDR Coupler Bucket 1.13 Cu. Yd. (.86 Cu. M.) Heavy Duty 86 in. (2.18 m) wide Long Lip with Reversible Bolt On Cutting Edge and Skid Plates	AT308970	\$3,041.00
LDR Coupler Bucket 1.25 Cu. Yd. (.96 Cu. M.) Heavy Duty	AT308968	\$2,838.00

86 in. (2.18 m) wide Long Lip without Bolt-On Cutting Edges or Skid Plates

LDR Coupler Bucket 1.32 cu. yd. (1.0 cu. m) Heavy Duty 92 in. (2.34 m) Long Lip with Reversible Bolt On Cutting Edge and Skid Plates	AT308966	\$3,511.00
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LDR Coupler Multi-Purpose Bucket 1.32 cu. yd. (1.0 cu. m) 92 in. (2.34 m) with Reversible Bolt On Cutting Edges and Skid Plates	AT448177	\$7,023.00
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Pre-drilled for eight teeth.  
Includes two built-in lift loops.  
Proper counterweighting is required.  
See Counterweight Selection Chart.  
Requires Backhoe configured with code 6020, Extendible Dipperstick.  
Cannot be used on a backhoe configured with counterweight codes 8425, 8455, 8475, or 8485.

LDR Coupler Multipurpose Bucket 1.25 cu. yd. (.96 cu. m) 86 in. (2.18 m) wide with Reversible Bolt On Cutting Edges and Skid Plates	AT448176	\$6,735.00
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Requires Aux. Loader Coupler Hydraulics.  
86 in. (2.18 m) bucket width.  
Includes reversible bolt-on cutting edge and skid plates.  
Pre-drilled for seven teeth.  
Order teeth from parts.  
Includes two built-in lift loops.  
Requires Backhoe configured with code 6020, Extendible Dipperstick.  
Cannot be used on a backhoe configured with counterweight codes 8425, 8455, 8475, or 8485.

LDR Pin-On Bucket 1.32 Cu. Yd. (1.0 Cu. M.) Heavy Duty Long Lip Bucket	AT308080	\$3,161.00
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92 in. (2.34 m) wide.  
Includes reversible bolt-on cutting edge with skid plates.  
\* Includes two lift holes.

LDR Pin-on Bucket 1.13 Cu. Yd. (.86 Cu. M.) Heavy Duty 86 in. (2.18 m) wide with Reversible Bolt On Cutting Edge and Skid Plates	AT308071	\$3,053.00
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LDR Pin-on Bucket 1.2 Cu.Yd. (.90 Cu. M.) Narrow 82 in. (2.08 m) Heavy-Duty Long Lip Narrow and Skid Plates	AT308188	\$2,540.00
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LDR Pin-on Bucket 1.25 Cu. Yd. (.96 Cu. M.) Heavy Duty 86 in. (2.18 m) Long Lip and Skid Plates	AT308076	\$2,809.00
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LDR Pin-on Multi-Purpose Bucket 1.32 Cu. Yd. (1.0 Cu. M.), 92 in. (2.34 m) wide with Reversible Bolt On Cutting Edges and Skid Plates	AT448178	\$6,601.00
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Requires Code 7075, or Third Function Loader Hydraulics.  
92 in. (2.3 m) bucket width  
Includes reversible bolt-on cutting edge with skid plates.  
Pre-drilled for eight teeth.  
Order teeth from parts.  
Includes two lift holes.  
Proper counterweight is required.  
See Counterweight Selection Chart.

LDR Pin-on Multipurpose Bucket 1.00 Cu. Yd. (.76 Cu. M.) 82 in. (2.08 m) with Reversible Bolt On Cutting Edges and Skid Plates	AT448174	\$5,640.00
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LDR Pin-on Multipurpose Bucket 1.25 Cu. Yd. (.96 Cu. M.) 86 in. (2.18 m) with Reversible Bolt On Cutting Edge and Skid Plates	AT448175	\$6,520.00
Requires Third Function Loader Control Valve Section, Controls and lines. Predrilled for seven teeth. Two built-in lift loops Proper counterweighting is required. See Counterweight Selection Chart.		
Loader Coupler Attachment Adapter Hook Plates (2) Standard	AT336927	\$1,757.00
<u>Frame Attachment:</u>		
Counterweight, Front, 1,000 lbs (454 kg)	AT439072	\$1,337.00
Use with (4) T119912 AND (4) 19M9124.		
Counterweight, Front, 1,250 lbs (567 kg)	AT439073	\$1,711.00
Use with (4) T119912 AND (4) 19M9124.		
Counterweight, Front, 250 lbs (113 kg)	AT409592	\$361.00
If adding to the 450 lb. (204 KG) counterweight, order (4) T151797, (2) 19M9088, AND (2) 14M7291. For 750 lb. (340 KG), 1000 lb. (454 KG) and 1250 lb. (567 KG) counterweights, order (2) T151797 and (2) 19M8976		
Counterweight, Front, 450 lbs (204 kg)	AT439070	\$599.00
Use with (4) T119912 AND (4) 19M9124.		
Counterweight, Front, 750 lbs (340 kg)	AT439071	\$971.00
Use with (4) T119912 AND (4) 19M9124.		
<u>Front Attachments:</u>		
Forks, Pallet (2) 60 in.(1.52m) with 60 in. (1.52m) Coupler Fork Carriage	AT308139	\$3,565.00
Forks, Pallet (2) 48 in.(1.22m) with 60 in. (1.52m) Coupler Fork Carriage	AT308138	\$3,394.00
<u>Guards:</u>		
MFWD Wheel Fender Kit for 18 in. tires only	AT371257	\$697.00
Requires MFWD and 12.5/80-18 or 340/80R-18 front tires.		
<u>Hydraulics:</u>		
Accu-Swing Kit for Backhoe	AT431340	\$474.00
Includes two circuit reliefs, fittings, clamps and hardware. Installation instructions T210751.		
Auxiliary Hydraulic Selective Flow Control Kit	AT448429	\$1,214.00
Selective Flow Control Valve (9,13,16,18,22 or 25GPM) - One Way Flow Includes control pedal and circuit relief 1000-3000 PSI Adjustable L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.		

Auxiliary Backhoe Hydraulic Plumbing Kit for Thumb, Clamp, Swinger or Jaw Bucket	AT194368	\$232.00
<p>Average installation, 2 hours. Includes two circuit reliefs, fittings, clamps and hardware. For Low Flow intermittent usage. Requires Dealer to make eight hoses per installation instructions. Requires unit to have unused 5th, 6th or 7th 2 way hydraulic functions and foot pedal to activate.</p>		
Auxiliary Backhoe Hydraulics for Auger, Extendible Dipperstick	AT450466	\$250.00
<p>Includes fittings and hydraulic couplers for bucket cylinder. Average installation, 1 hour. Bucket cylinder hoses are disconnected; bucket function operates auger forward and reverse. No additional controls are required. Dealer must supply 0.5 inch (12.7 mm) ID hoses from bucket cylinder hydraulic couplers to auger.</p>		
Auxiliary Backhoe Hydraulics for Auger, Standard Dipperstick	AT448424	\$446.00
<p>Includes fittings and hydraulic couplers for bucket cylinder. Average installation, 1 hour. Bucket cylinder hoses are disconnected; bucket function operates auger forward and reverse. No additional controls are required. Dealer must supply 0.5 inch (12.7 mm) ID hoses from bucket cylinder hydraulic couplers to auger.</p>		
Auxiliary Loader Control Valve with 3 Function Hydraulics - Single Lever	AT431312	\$3,884.00
<p>L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.</p>		
Auxiliary Plumbing for Selective Flow - Extendible Dipperstick	AT431314	\$662.00
<p>Installation instructions T208488. Average installation, 2 hours. Requires Extendible Dipperstick. Requires Five Function Plus Selective Flow OR Selective Flow. Includes boom and dipperstick hydraulic lines, and hardware for attaching hoses and lines from the selective flow valve section to end of Dipperstick. Required for hammers, compactors, high or low flow motor attachments mounted on end of dipperstick.</p>		
Auxiliary Plumbing for Selective Flow - Standard Dipperstick	AT431313	\$588.00
<p>Installation instructions T208487. Average installation, 2 hours. Requires Standard Dipperstick. Requires Five Function Plus Selective Flow OR Selective Flow. Includes boom and dipperstick hydraulic lines, and hardware for attaching hoses and lines from the selective flow valve section to end of Dipperstick. Required for hammers, compactors, high or low flow motor attachments mounted on end of dipperstick.</p>		
Controlled Lowering Device for Backhoe Boom Cylinder	AT448426	\$2,635.00
Controlled Lowering Device for Backhoe Dipper (Crowd) Cylinder	AT448425	\$2,983.00
Fifth Function Control Valve Section (Without Circuit Reliefs)for Manual Controls	AT192189	\$931.00

\* Installation instructions T186326.  
 \* Average installation, 4 hours.  
 \* Requires Right Pedal (Deere or Cat Controls)  
 from service parts.

Hand Held Hydraulics	AT448428	\$447.00
<p>Plumbing routed from the backhoe valve to above the battery box for hook up of hand held attachments.          Average installation, 4 hours.          Includes two circuit reliefs, fittings, clamps and hardware.          Requires Selective Flow Valve.          Installed in Battery Box.</p>		
K-Series Style Loader Control Grip Kit	AT450437	\$414.00
Loader Coupler, Hydraulic	AT431299	\$5,539.00
<p>L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.</p>		
Sixth Function Control Valve Section (Without Circuit Reliefs) for Manual Controls	AT192239	\$1,314.00
<p>Installation instructions T186327.          Average installation, 4 hours.          Can use with Code 5110, Four Function Control Valve, Code 5120, Five Function Control Valve, or Code 5130, Five Function Control Valve Plus Selective Flow Valve.          Requires AT185629, Left Pedal, (Deere, Cat or Ford Controls).          Cannot be used with Case Controls.          Requires AT194368, Attachment Hydraulic Plumbing Kit, for cylinder operated attachments. Requires longer tie bolts. (2) T161707, (1) T161708 when used with Five Function Control Valve Plus Selective Flow Valve.</p>		
Sixth Function Control Valve Section (Without Circuit Reliefs) for Pilot Controls	AT307664	\$1,348.00
<p>Installation instructions T206123.          Average installation, 4 hours.          Can use with Code 5110, Four Function Control Valve, Code 5120, Five Function Control Valve, or Code 5130, Five Function Control Valve Plus Selective Flow Valve.          Requires Left Pedal, (Deere, Cat or Ford Controls).          Cannot be used with Case Controls.          Requires Attachment Hydraulic Plumbing Kit, for cylinder operated attachments.          Requires longer tie bolts. (T159263 (2) &amp; T159264 (1)when used with Five Function Control Valve Plus Selective Flow Valve.</p>		
<u>Operator Environment:</u>		
Auto Ride Control Valve Kit	AT449593	\$549.00
<p>Valve and mounting plate must order plumbing, harness, and accumulator separately.</p>		
Autoshift Software	AT417183	View Price
<p>Order through JDPoint</p>		
Auxillary Power Ports	AT451676	\$280.00
Case Three Lever Controls 5th Function Lever Kit	AT309740	\$191.00
<p>Adds lever to Case 3 lever backhoe controls to operate auxiliary valve on Standard Dipperstick or operates Extendable Dipperstick..</p>		

Case Three Lever Controls with Foot Swing	AT309739	\$875.00
For units with code 5225.		
Ford Four Lever Controls for Standard and Extendible Dipperstick	AT185628	\$2,975.00
Ford Four Lever Controls for Standard and Extendible Dipperstick. For units with code 5225.		
ISO (Deere) Two Lever Mechanical Controls	AT185624	\$493.00
Requires Right Pedal Kit, if equipped with Case controls and five function control valve. For units with code 5225.		
Mounting kit for multi-purpose (ABC) Dry Chemical Fire Extinguisher	AT408903	\$96.00
Kit Does not Include Fire Extinguisher.		
Radio, Basic Kit	AT430023	\$850.00
AM/FM Radio, Weather Band.		
Radio, Premium Kit (AM/FM/WB)	AT430022	\$1,320.00
AM/FM Radio, Bluetooth, USB Aux Input, 3mm Line In Aux, Weather Band, XM Capable.		
Ride Control	AT431165	\$1,444.00
L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.		
Ride Control Plumbing Kit	AT452094	\$682.00
Harness, plumbing, and accumulator for ride control. Must order valve and mounting plate separately.		
Right Pedal for Fifth Function Backhoe Valve	AT185625	\$316.00
SAE Excavator Style Two Lever Controls	AT301434	\$250.00
Sixth Function Pedal for Lever Controls	AT185629	\$373.00
Sixth Function Pedal for Pilot Controls	AT301485	\$308.00
Sun Visor	AT186307	\$92.00
<u>Overall Vehicle:</u>		
(2) External Rear View Mirrors	AT186155	\$282.00
Beacon/Strobe Ready Wiring Kit	AT313589	\$34.00
Kit for aftermarket Beacon or Strobe light Kit does not include Beacon		
Bumper Grille Frame Field	AT434236	\$82.00
Environmental Drain Kit	AT393180	\$573.00
Fluid Sampling Ports	AT433274	\$480.00

Not available on Stage II (Tier 2) engines.

LED Flood Light Kit	AT445010	\$215.00
Includes 2 lights.		
LED Spot Light Kit	AT445009	\$215.00
Includes 2 lights.		
License Plate Bracket	AT446496	\$56.00
Light not included.		
Rear Wheel Spacers for Rear Tire Chains	AT347522	\$953.00
Rotating Beacon Kit	AT313592	\$257.00
Slow Moving Vehicle Emblem	AT186288	\$111.00
Stabilizer Cylinder Guards (Set of Two)	AT305073	\$303.00
Strobe Light Kit	AT313583	\$342.00
Magnet mounted.		

#### REFERRAL ATTACHMENTS

Description	Code	Price
<p><u><a href="#">G.R. Mfg.:</a></u>            G.R. Manufacturing, Inc.            * Kits listed below must be ordered through John Deere.            * F.O.B. Trussville, Alabama            * All kits include installation instructions            * All warranty, repair parts, technical support and assistance, and sales support and assistance will be the responsibility of G.R. Manufacturing, Inc., and will be handled directly between the Dealer and G.R. Manufacturing, Inc.</p> <p>G.R. Manufacturing, Inc.            4800 Commerce Drive            Trussville, Alabama 35173            Phone: (800)841-8001            Fax: (205)655-8005</p>		
Guard, Transmission Bottom	AT441379	\$1,579.00



**JOHN DEERE**

Current Date 30Apr2015

## 410L BACKHOE LOADER

### 410L Standard Equipment

#### COOLING SYSTEM:

Engine Radiator  
 Engine Coolant -40 Degrees  
 F (-40C)  
 Coolant Recovery Tank with  
 Low Level Indicator  
 Oil-to-Water Engine Oil  
 Cooler  
 Fold-Out, Hinged Cooling  
 System  
 High Ambient Temperature  
 Engine Coolant

#### POWERTRAIN:

Powershift Transmission with  
 Torque Converter  
 Single Electric Transmission  
 Control Lever  
 (Forward/Neutral/Reverse)  
 with integrated gear  
 selection & horn  
 Planetary Final Drives  
 Differential Lock, Foot Switch  
 Activated  
 Mechanical Limited Slip Front  
 Wheel Drive  
 Hydrostatic Power Steering  
 with Emergency Manual  
 Mode Power-Assisted  
 Hydraulic Service Brakes  
 Inboard, Wet Disc, Self-  
 Adjusting and  
 Self-Equalizing (Conforms to  
 ISO 3450)  
 Parking/Emergency Brake:  
 Independent of Service  
 Brakes (Conforms to  
 ISO 3450) Spring Applied,  
 Hydraulically Released, Wet  
 Multi-Disc  
 Auto Shutdown  
 HYDRAULICS:  
 42 GPM (159 L/m) Axial  
 Piston Pump - PCLS System  
 Dedicated Hydraulic

Two-Direction Anti-Drift  
 Valves  
 Less Bucket with Bucket Pins

#### LOADER:

Return-To-Dig Feature  
 Bucket Level Indicator  
 Hydraulic Self-Leveling (anti-  
 spill)  
 Single Lever Control with  
 Electric Clutch Cut-off Switch  
 Less Bucket with Bucket Pins

Loader Boom Service Lock  
 High-Visibility Loader Arms  
 ELECTRICAL:  
 12 Volt System  
 120 Amp Alternator (canopy)  
 (4) Front Driving/Working,  
 (4) Rear Working and (2)  
 Side Docking

Halogen Lights (32,500  
 Candlepower Each)  
 (2) Front and (2) Rear Turn  
 Signal/ Flashing  
 (2) Rear Stop and Tail  
 (2) Rear Reflectors  
 Single Battery with 180  
 Minute reserve Capacity and  
 925 CCA  
 Blade Type Multi-Fused  
 Circuits  
 By-Pass Start Safety Cover  
 on Starter  
 Positive Terminal Battery  
 Cover

#### OPERATOR STATION:

Modular Design ROPS/FOPS  
 Level 2 Canopy Isolation  
 Mounted  
 with Molded Roof (Conforms  
 to SAE J1040)  
 Left and Right Side Access  
 Slip-Resistant Steps and

Fuel Gauge  
 Transmission Oil  
 Temperature Gauge  
 Electric Monitor System with  
 Audible and Visual Warning:  
 Air Cleaner restriction  
 Low Alternator Voltage  
 Engine Oil Pressure  
 Hydraulic Filter Restriction  
 Park Brake On-Off  
 Seat Belt  
 Engine Coolant Temperature

Transmission Oil  
 Temperature  
 Fuel  
 Electric Hourmeter/  
 Tachometer / Voltmeter  
 Sealed Switch Module  
 Keyless Start  
 Machine Security  
 12 Volt Outlets (2)  
 Horn  
 Interior Rearview Mirror  
 Rotary Hand Throttle  
 Suspended Foot Throttle  
 Lockable Right Hand Storage

Built-In Operator's Manual  
 Storage Compartment  
 Built-In Cup Holder  
 Coat Hook

#### OVERALL VEHICLE:

(2) Front and (2) Rear Built-  
 In Tie Downs  
 One-Piece Unitized  
 Construction Mainframe  
 Heavy Duty Front Bumper  
 Dent Resistant Rear Fenders  
 Vandal Protection Locking  
 for:  
 Engine Hood  
 Monitor  
 Tool Box  
 Fuel Tank

Reservoir	Ergonomically Located	Hydraulic Reservoir
6 Micron Vertical Spin-On Filter	Handholds (Conforms to SAE J185)	37 Gal. (140L) Fuel Tank
"O" Ring Face Seal Connectors	Molded Floor Mat and Headliner	Reverse Warning Alarm
Circuit Relief Valve Protection	Seat, Deluxe Deep Foam, Vinyl Cover, High Back with Adjustable:	21L - 24 In. 12 PR (R4) Tubeless Rear
Economy Mode	Suspension for	12.5/80 - 18 In. 10 PR
Auto Idle	Weight/Height	Traction Front Sure Grip Lug Tires
Lift Mode	Fore-Aft	Ground Level Fueling
BACKHOE:	Lumbar Adjustments	Remote Grease Bank for Front Axle
Backhoe Transport Lock Lever	Arm Rests	Tilt Hood with (2) Service Positions
Swing Locking Pin Stored in Op. Station	3 In. Seat Belt with Retractor	JDLink Ultimate in Approved Countries
ISO (Deere) 2 Lever Mechanical Backhoe Controls	Engine Coolant Temperature Gauge	
Reversible Pad Stabilizer Feet with integrated lock Stabilizer		

Required - You must select one from each category

▼ BASE MACHINE

Ex-Works Dubuque, Iowa, United States of America

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
410L BACKHOE LOADER	OABOT	\$125,375.00

▼ ENGINE

Description	Code	Price
John Deere PowerTech PWL 4.5L (276 Cu. In.) Engine Meets Final Tier 4 and Stage IV Emissions with Net Peak Power of 113 Hp.	1065	\$14,820.00

For use only in areas where EPA Final Tier 4/EU Stage IV is required.

Turbocharged.  
Wet Sleeve Cylinder Liners.  
4 Valves / Cylinder.  
Electronically Controlled HPCR Fuel Delivery System, B20 Biodiesel Compatible.  
Cooled Exhaust Gas Recirculation.  
Serpentine Belt with Automatic Belt Tensioner.  
Enclosed Safety Fan Guard.  
Vertical Spin-On Engine Oil Filter.  
Spin-On Fuel Filter with Water Separator.  
Dual Safety Element Dry-Type Air Cleaner with Evacuator Valve.  
Underhood Exhaust Filter and Catalysts with Evacuator Valve.  
Automatic Exhaust Filter Regeneration.  
Glow Plugs.  
Electronically controlled, variable-speed cooling fan.

John Deere PowerTech E 4.5L (276 Cu.In.) Engine Meets Tier 3 and Stage IIIA Emissions with Net Peak Power	1085	In Base Price
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of 113 Hp

This engine may only be used in markets that are not subject to current U.S. EPA or EU nonroad emission regulations.  
Certified EPA Tier 3 and EU Stage IIIA Emissions.

Turbocharged.  
Wet Sleeve Cylinder Liners.  
Serpentine Belt with Automatic Belt Tensioner.  
Enclosed Safety Fan Guard.  
Vertical Spin-On Engine Oil Filter.  
Spin-on Fuel filter with Water Separator.  
Dual Safety Element Dry-Type Air Cleaner With Evacuator Valve.  
Muffler, Underhood with Vertical Curved Exhaust Stack.  
Suction Type, Variable Speed Cooling Fan.

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John Deere PowerTech 4.5L (276 Cu. In.) Engine Meets Stage II emissions (101 Net Peak hp)	1075	(\$2,086.00)
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Includes Severe-Duty Fuel Filter.  
Engine Conforms to EU Stage II emissions.  
Not available for U.S. and Canada.  
This engine may only be used in markets that are not subject to current U.S. EPA or EU nonroad emission regulations.

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## ▼ 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 for the Americas, excluding Costa Rica	1700	In Base Price

Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), 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 3 year subscription. Annual subscription renewal required after 3 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.

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JDLink Ultimate Satellite for the Americas, excluding Costa Rica	1701	\$1,807.00
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Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), 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 3 year dual mode subscription. Annual subscription renewal required after 3 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.

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JDLink Ultimate Cellular for Costa Rica and Countries outside the Americas	1702	No Charge
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Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), 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 3 year subscription. Annual subscription renewal required after 3 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.

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JDLink Ultimate Satellite for Costa Rica and Countries outside the Americas	1703	\$1,807.00
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Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), 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 3 year dual mode subscription. Annual subscription renewal required after 3 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.

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JDLink Ultimate Cellular for the Americas, excluding Costa Rica - 5 Years	1710	\$1,422.00
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Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), 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](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.

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JDLink Ultimate Satellite for the Americas, excluding Costa Rica - 5 Years	1711	\$3,655.00
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Includes JDLink hardware: integrated cab wiring harness, antenna, modular

telematics gateway (MTG), 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 dual mode 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.

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JDLINK Ultimate Cellular for Costa Rica and Countries outside the Americas - 5 Years	1712	\$1,422.00
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Includes JDLINK hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), 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](http://www.StellarSupport.com) to renew or update JDLINK subscriptions.

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JDLINK Ultimate Satellite for Costa Rica and Countries outside the Americas - 5 Years	1713	\$3,655.00
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Includes JDLINK hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), 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 dual mode 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.

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No JDLINK Ultimate	1741	No Charge
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▼ LANGUAGE DECALS

Description	Code	Price
English Decals with English Operator and Safety Manuals	2401	In Base Price

Includes English decals installed and English language operator's manual and parts book

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English Decals with Spanish Decals and Manuals Separate	2403	In Base Price
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Includes English decals installed with Spanish decal packet and English language

operator's manual and parts book

English Decals with French Decals and Manuals Seperate	2404	In Base Price
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Includes English decals installed and French decal packet and English language operator's manual and parts book

No Text Labels with English Operator and Safety Manuals	2410	In Base Price
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No Text Labels with Spanish Operator and Safety Manuals	2411	In Base Price
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No Text Labels with French Operator and Safety Manuals	2412	In Base Price
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#### FRONT AXLE AND TRANSMISSION

Description	Code	Price
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Mechanical Front Wheel Drive (MFWD) with Limited Slip Differential and 5F/3R Autoshift Transmission	3095	\$2,876.00
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Autoshift can turned on/off in the SSM. When Autoshift if off, Backhoe will operate with Powershift transmission.

2 Wheel Drive with 5F/3R Powershift Transmission	3035	(\$9,872.00)
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Mechanical Front Wheel Drive (MFWD) with Limited Slip Differential and 5F/3R Powershift Transmission	3065	In Base Price
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Includes torque converter with electrically actuated twist grip TCL in 1st through 5th gears.

#### TIRES AND WHEELS (FRONT AND REAR)

Description	Code	Price
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FOR USE WITH MECHANICAL FRONT WHEEL DRIVE

Galaxy 580 Radial - 500/70R24 Rear & 340/80R18 Front	4484	\$1,402.00
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Tire designed for off-road operation.

Galaxy 21L 24 in. 12 PR Rear & 12.5/80-18 10PR Front	4466	In Base Price
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Firestone 21L - 24 12PR & 12.5/80-18 12PR Traction Sure Grip Lug, Front	4891	\$574.00
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92 Inches (2.33 M) overall width.  
Rear tire chains require wheel spacers.

Michelin Radial - 500/70 R24 XMCL Rear & 340/80 R18 XMCL Front	4782	\$2,282.00
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85 in. (2.16 m) overall width.  
Rear tire chains require wheel spacers.

Galaxy 550 Radial - 500/70R24 Rear & 340/80R18 Front	4482	\$2,522.00
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Tire designed for hard surface roading and snow.

FOR USE WITH 2 WHEEL DRIVE

Galaxy 21L 24 12PR Rear & 12.5/80-18 12PR Front	4444	(\$277.00)
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#### OPERATOR STATION

Description	Code	Price
Canopy (ROPS/FOPS)	2015	In Base Price

Isolation mounted Modular design ROPS/FOPS Level 2 (meets ISO 3449 & ISO 3471 / SAE J1040) Molded roof.  
Molded floor mats if Code 5285 is ordered .  
Mechanical Suspension Deluxe, Vinyl, Swivel Seat with Lumbar Adjustment and Arm Rests, Fully Adjustable.  
3 In. Retractable Seat Belt.  
(2) front driving/working halogen lights - 32,500 Candlepower Each  
(2) rear working halogen lights - 32,500 Candlepower Each  
(6) additional work roof lights adds 2 front, 2 rear and 1 on each side of roof  
(4) turn signal/flashing/rear stop/tail lights - 2 front and rear  
(2) rear reflectors

Cab	2035	\$12,889.00
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Isolation mounted Modular design ROPS/FOPS Level 2 (meets ISO 3449 & ISO 3471 / SAE J1040) Molded roof.  
Tinted safety glass.  
Deluxe interior trim.  
Headliner.  
Molded floor mats.  
Less Radio.  
Air Conditioning 26,000 BTU.  
CFC free R134a refrigerant.  
Heater/defrosters/pressurizer, 40,000 BTU, 3 speed.  
Mechanical Suspension Deluxe, Cloth, Swivel Seat with Lumbar Adjustment and Arm Rests, Fully Adjustable.  
3 in Seat Belt.  
Tilt Steering Wheel.  
Interior Rearview Mirror  
Front 2-speed wiper with windshield washer and rear 1-speed wiper.  
(2) front driving/working halogen lights - 32,500 Candlepower Each  
(2) rear working halogen lights - 32,500 Candlepower Each  
(6) additional work roof lights adds 2 front, 2 rear and 1 on each side of roof  
(4) turn signal/flashing/rear stop/tail lights - 2 front and rear  
(2) rear reflector

See Order As Desired codes for additional Cab options not included in standard Cab (i.e. Air Suspension Seat, Radio, Sun Visor).

#### BATTERY

Description	Code	Price
Single Battery, 150 Minute Reserve Capacity (950 CCA)	8625	In Base Price
Single Battery With Disconnect and Jump Post	8635	\$250.00
Dual Batteries, 300 Minute Reserve Capacity (1900 CCA)	8675	\$279.00
Dual Batteries With Disconnect and Jump Post	8685	\$529.00

#### BACKHOE DIPPERSTICK

Description	Code	Price
Standard Dipperstick	6010	In Base Price
Includes extended stabilizer legs.		
Extendible Dipperstick	6020	\$8,141.00
Extended stabilizer legs.		

#### REAR HYDRAULICS

Description	Code	Price
No Auxiliary	6210	In Base Price
Auxiliary Hydraulic with One Way Flow (Hammer)	6220	\$3,978.00
Includes plumbing to end of dipperstick. Requires code 6020.		
Auxiliary Hydraulic with One & Two Way Flow (Hammer & Thumb/Swinger)	6230	\$5,196.00
Includes plumbing to end of dipperstick for one way flow valve. Less plumbing for two way flow valve. Requires code 6020. Provides thumb mounting ears on dipperstick if available on that model.		
Auxiliary Hydraulic with Two Way Flow, No Plumbing	6240	\$200.00
Includes foot pedal on mechanical control configurations. Requires code 6010.		

▼ BACKHOE CONTROLS

Description	Code	Price
Mechanical Controls, Two Lever, ISO (DEERE)	5225	In Base Price
Pilot Controls, Two Lever, with Pattern Selection	5285	\$2,594.00
Auxiliary controls integrated into pilot control levers.		

▼ BACKHOE BUCKETS

For Deere buckets:  
All buckets include lift holes.

Description	Code	Price
Less Backhoe Bucket with Bucket Pins	5600	In Base Price
18" (457 mm) Wide, Heavy-Duty, 5.1 Cu. Ft. (0.14 Cu. M.) Capacity Bucket	5626	\$1,284.00
Bucket includes TK Teeth.		
Top Hook 18" (457 mm) Wide, Heavy-Duty, 5.1 Cu. Ft. (0.14 Cu. M.) Capacity Coupler Bucket	5630	\$1,254.00
Bucket includes TK Teeth. Requires Code 5430 Top Hook Coupler.		
24" (610 mm) Wide, Heavy-Duty, 7.5 Cu. Ft. (0.21 Cu. M.) Capacity Bucket	5656	\$1,308.00
Bucket includes TK Teeth.		
Top Hook 24" (610 mm) Wide, Heavy-Duty, 8.8 Cu. Ft. (0.25 Cu. M.) Capacity Coupler Bucket	5660	\$1,738.00
Bucket includes TK Teeth. Requires Code 5430 Top Hook Coupler.		
12 In. (305 mm) Wide Bucket, 3.3 Cu. Ft. (0.09 Cu. M.) Capacity Buckets	5616	\$1,101.00

Bucket includes TK Teeth.

24" (610 mm) Wide, Severe-Duty, 7.5 Cu. Ft.(0.21 Cu. M.) Capacity Bucket	5658	\$1,753.00
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Bucket includes TK Teeth.

24" (610 mm) Wide, Heavy-Duty, 8.8 Cu. Ft. (0.25 Cu. M.) Capacity Bucket	5676	\$1,753.00
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24" (610 mm) Wide, Severe-Duty, 8.8 Cu. Ft. (0.25 Cu. M.) Capacity Bucket	5678	\$1,995.00
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Bucket includes TK Teeth.

30" (762 mm) Wide, Heavy-Duty, 10 Cu. Ft. (0.28 Cu. M.) Capacity Bucket	5686	\$1,650.00
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Bucket includes TK Teeth.

#### ▼ BACKHOE QUICK COUPLERS

Description	Code	Price
Less Coupler	5400	In Base Price

DEERE Standard Quick Coupler	5410	\$1,231.00
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For use with 310SE, SG, SJ, SK, SL; 410E, G,J, K, L backhoe buckets.  
Not compatible with 310E, G, J, K, L Series Backhoe Buckets.

Multi-Brand Quick Coupler	5420	\$1,399.00
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For use with DEERE C, D, SE, SG, SJ, SK, SL & SL HL Series buckets and with Case K, L, M and CAT C Series Buckets.  
Not for use with 710 Buckets.  
Not compatible with Case N-Series.

Spacers are recommended for Cat and Case buckets, see bulletin 07BH08 for details.

Top Hook Quick Coupler	5430	\$1,122.00
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For use with DEERE Top Hook Coupler bucket codes 5630 or 5660 and CP or Pre-XLS Wain Roy Top Hook Bucket.  
Top Hook Coupler will not work with DEERE thumbs.

New Series Multi-Brand Quick Coupler	5440	\$1,444.00
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For use with CAT D,E, F, Case K-L-M, and DEERE SE, SG, SJ, SK, SL & SL HL Series backhoe buckets except high-capacity buckets and 710 buckets.  
Not compatible with Case N-Series.

Universal Coupler - Pin-grabber style coupler (non-hydraulic)	5450	\$2,761.00
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For use with DEERE C, D, SE, SG, SJ, SK, SL & SL HL Series buckets and with Case K, L, M, N and CAT C, D, E & F Series Buckets.  
Not for High Capacity Buckets and 710 Buckets.  
UNIVERSAL COUPLER will not work with DEERE thumbs.

#### ▼ LOADER HYDRAULICS

All selections come with Return to Dig feature.

Description	Code	Price
Two-Function Loader Hydraulics, Single Lever	7025	In Base Price
Loader Coupler, 2-Function Hydraulics, Single Lever	7035	\$6,646.00
Includes Ride Control Cannot be used with Code 9110 Ride Control Will accept G, J, K, and L-Series loader coupler buckets		
Three-Function Loader Hydraulics, Single Lever	7080	\$3,181.00
Single lever loader control with electro-hydraulic auxiliary control, clutch disconnect, momentary MFWD, and transmission quick shift. For multi-purpose bucket and front attachments. Includes valve with circuit relief and 5 In. (12.7 mm) hoses and steel lines to loader cross tube.		
Loader Coupler, 3-Function Hydraulics, Single Lever	7085	\$9,707.00
Includes Ride Control Not for use with Code 9110 Ride Control For multi-purpose coupler bucket and front attachments. Includes valve with circuit relief and .5 in. (12.7 mm) hoses and steel lines to loader cross tube. Will accept G, J, K, and L-Series loader coupler buckets.		

#### FRONT COUNTERWEIGHTS (PICK 1)

##### 410L COUNTERWEIGHT SELECTION CHART

Select the Proper Counterweight for the Machine and Optional Equipment

Add/subtract the options front axle percent. Then add the counterweight that gives the desired weight distribution (between 27-32%, Target - 30%) to select counterweight.

"To this percent weight, add/subtract the following option percents, according to configuration as ordered."

Base.....	+26.2%
Extendable.....	-4.8%
Backhoe Coupler.....	-1.4%
Backhoe Attachment over 600 lbs.....	-2.0%
Multi-Purpose Loader Bucket.....	+5.2%
Loader Coupler.....	+4.4%
Standard Front Axle .....	-1.3%
Cab .....	-0.4%

"Choose counterweight which results in the target front axle weight percent"

##### Counterweight Options

Bumper .....	0.0%
450 lb. Counterweight .....	2.4%
750 lb. Counterweight .....	4.0%
1,000 lb. Counterweight .....	5.0%
1,250 lb. Counterweight .....	6.2%

\*\*\* Base calculated using an Extendable dipper, Cab, Mechanical Front Wheel Drive, Standard Loader bucket, and a Standard Backhoe bucket.

Description	Code	Price
Front Cover	8410	In Base Price
Heavy-Duty Bumper	8415	\$217.00
450 Lb. (204 kg) Front Counterweight	8425	\$599.00
750 Lb. (340 kg) Front Counterweight	8455	\$971.00

1000 Lb. (454 kg) Front Counterweight	8475	\$1,337.00
1250 Lb. (567 kg) Front Counterweight	8485	\$1,711.00

▼ **LOADER BUCKETS**

Loader Buckets include Skid Plates and Lift Hooks unless stated otherwise.

Description	Code	Price
Less Loader Bucket with Pins for Buckets or Front Attachments	7600	In Base Price

Old Style pins will be necessary with older buckets and attachments.

1.3 Cu. Yd. (1.0 Cu. M.) 92 in. (2.34 m) wide Heavy Duty Long Lip Bucket with Bolt on Cutting Edge and with Skid Plates	7645	\$3,105.00
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PIN-ON LOADER BUCKETS (Not for use with Coupler)

Not compatible with 7035 and 7085.

1.32 Cu. Yd. (1.0 Cu. M.), 92 in. (2.34 m) Wide Multipurpose Bucket	7685	\$6,910.00
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Requires Code 7080, Aux. Loader Hydraulic  
Includes reversible bolt-on cutting edge and skid plates.  
Pre-drilled for eight teeth - Order teeth from parts.  
Includes two lift holes.

1.5 Cu. Yd. (1.15 Cu. M.), 92 in. (2.34 m.) wide Heavy Duty Long Lip Bucket with Bolt-On Cutting Edges and Skid Plates	7655	\$3,569.00
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92 in. (2.34 m.) wide.  
Includes reversible bolt-on cutting edge and skid plates.  
Includes two lift holes.

COUPLER LOADER BUCKETS

Requires codes 7035 or 7085 Loader Coupler

Less Coupler Bucket	7605	No Charge
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1.32 Cu. Yd. (1.0 Cu. M.), 92 in. (234 mm) wide Multipurpose Coupler Bucket	7690	\$7,097.00
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Requires Code 7085, Aux. Loader Coupler Hydraulics.  
Cannot be used with code 8475 or 8485 Counterweight.  
Includes reversible bolt-on cutting edge and skid plates.  
Pre-drilled for eight teeth - Order teeth from parts.  
Includes two lift holes.

1.5 Cu. Yd. (1.15 Cu. M.), 92 in. (2.34 m.) wide Heavy Duty Long Lip Coupler Bucket with Bolt-On Cutting Edges and Skid Plates	7660	\$3,569.00
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92 in. (2.34 m.) wide.  
Includes reversible bolt-on cutting edge and skid plates.  
Includes two lift holes.

Optional - *Select as desired*

▼ **OPTIONAL EQUIPMENT - ORDER AS DESIRED**

Description	Code	Price
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POWERTRAIN AND COOLING

Chrome Exhaust Extension	9045	\$173.00
Full MFWD Driveshaft Guard	9505	\$417.00
110 Volt Engine Coolant Heater (1000 Watts)	9080	\$167.00
Electric Ether Start Aid without Ether Canister	9085	\$310.00

Not for use with engine code 1065 (Final Tier Engine).

OPERATOR STATION

Ride Control	9110	\$1,935.00
Exterior Rear View Mirrors (2)	9920	\$334.00
Sun Visor	9919	\$92.00
Radio, Basic Package	9917	\$850.00

AM/FM Radio, Weather Band.

Radio, Premium Package	9916	\$1,320.00
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AM/FM Radio, Bluetooth, USB Aux Input, 3mm Line In Aux, Weather Band, XM Capable, Roof Storage Compartment for Mobile Devices.

Front View Mirror	9060	\$80.00
Left Side Console Storage with Cup Holders	9210	\$79.00
Seat, Cloth Air-Suspension	9965	\$490.00

OVERALL VEHICLE

Hydraulic 4-Tine (Standard Dipperstick) Backhoe Thumb	9020	\$6,583.00
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Includes plumbing from valve to thumb.  
Requires backhoe dig component code 5035.  
Requires backhoe bucket code 5600, 5656 or 5658.  
Not for use with Codes 5430, 5450.

Viscous Variable Speed Engine Fan	9105	\$500.00
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Replaces direct drive engine cooling fan for reduced noise levels & decreased fuel consumption.  
Only available with Tier 2 or Tier 3 Engines or the 310L EP.

Diagnostic Oil Sampling Ports	9515	\$201.00
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Requires code engine code 1085 or 1095.  
Includes 4 ports:  
Engine oil  
Engine coolant  
Transmission oil  
Hydraulic oil.

Hydraulic Fluid - Hydrau XR Synthetic Oil	9088	\$592.00
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Intended for colder climates with extreme cold ambient temperatures down to -40C (-40F). Provides all-season capability in ambient temperatures ranging from -40C to 40C (-40F to 104F).

Non-Export Rust Preventive Coating	9909	\$167.00
Coating protects exposed unpainted surfaces from road salt during shipment.		
Strobe Light	9905	\$572.00
Hydraulic 4-Tine (Extendible Dipperstick) Backhoe Thumb	9025	\$6,407.00
Includes plumbing from valve to thumb. Requires backhoe bucket code 5600, 5656 or 5658. Not for use with Codes 5430, 5450.		

## 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.johndeeretechno.com](http://www.johndeeretechno.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
<u>Attachments and Accessories:</u>		
Backhoe Boom Bolt-On Protection Plate	AT323580	\$958.00
Installation instructions T207899, Average installation 1.5 hours. Bolt on or weld to underside of backhoe boom. Recommended for rental, lease, thumbs/clamps, swingers, jaw buckets, and non-Deere attachments on couplers.		
Backhoe New Series Multi-Brand Quick Coupler	AT393558	\$1,444.00
For use with DEERE C-D-SE-SG-SJ-SK-SL Series buckets and with Case K-L-M and Cat D and E Series Buckets Buckets, High Capacity Buckets and 710J Buckets. Spacers are recommended for CAT and Case buckets, contact DMAC.		
Coupler, Deere Backhoe Bucket	AT336316	\$1,404.00
Fits 310SE, 310SG, 310SJ, 410E, 410G, 410J,410TJ backhoes. For use with 310SE, 310SG, 310SJ, 410E, 410G, 410J, 410TJ backhoe buckets Proper counterweighting is required. See Counterweight Selection Chart. Recommend Backhoe Boom Bolt-on Protection Plate.		
Coupler, Multi-Brand Universal Backhoe Bucket	AT336315	\$1,399.00
For use with CAT B & C Series, Case K-L-M and DEERE SE,SG & SJ Series backhoe buckets except High Capacity Buckets and 710 Buckets. Recommend AT179130 high-strength pin for 300D-510D and 210C-610C 18-36 Inch Buckets Proper counterweighting is required. See Counterweight Selection Chart. Recommend Backhoe Boom Bolt-on Protection Plate. UNIVERSAL COUPLER will not work with most thumbs Spacers are recommended for CAT and Case buckets, contact DMAC.		
Coupler, Top Hook Backhoe Bucket	AT324292	\$1,058.00
Fits on 410G, 410J, 410TJ, 310SG, 310SJ, 310TJ Backhoes. For use with Top Hook backhoe bucket from Deere, CP, and Pre-XLS Wain Roy Recommend Backhoe Boom Bolt-on Protection Plate. Proper counterweighting is required. See 310SJ or 410J Counterweight Selection Chart.		

Coupler, Universal - Pin-grabber style (non-hydraulic)	AT343629	\$3,646.00
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Fits John Deere 310SE, 310SG, 310SJ, 310TJ, 410E, 410G, 410J, 410TJ backhoes  
 For use with DEERE C-D-E-G-J Series buckets and with Case K-L-M and CAT C-D-E Series Buckets.  
 Not for High Capacity Buckets and 710 Buckets.  
 JOHN DEERE UNIVERSAL COUPLER will not work with most thumbs.  
 Proper counterweighing is required. See Counterweight Selection Chart.  
 Recommend Backhoe Boom Bolt-on Protection Plate.

Heavy Duty Stabilizer Pads	AT376410	\$450.00
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Hydraulic 2-Tine Thumb Kit	AT456088	\$5,179.00
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Recommended for use with 18 & 30 in. Backhoe Buckets.  
 Requires plumbing kit.

Hydraulic 4-Tine Thumb Kit	AT456089	\$5,179.00
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Recommended for use with 24 in. Backhoe Buckets.  
 Requires Plumbing Kit.

Jump Start and Battery Disconnect Kit	AT437905	\$238.00
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Pivotable Beacon Bracket	AT451194	\$100.00
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Standard Stabilizer Street Pads	AT376409	\$226.00
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### Buckets:

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

BKH Pin-On Bucket 24 In. (610 mm) Heavy Duty 7.5 Cu. Ft. (0.21 Cu. M.)	AT437343	\$1,426.00
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BKH Pin-On Bucket 24 In. (610 mm) Standard-Duty 7.5 Cu. Ft. (0.21 Cu. M.)	AT437342	\$1,365.00
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BKH Pin-on Bucket 12 In. (305 mm) Heavy-Duty 3.3 Cu. Ft. (0.09 Cu. M.)	AT437338	\$1,054.00
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BKH Pin-on Bucket 18 In. (457 mm) Heavy-Duty 5.1 Cu. Ft. (0.14 Cu. M.)	AT437340	\$1,216.00
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BKH Pin-on Bucket 24 In. (610 mm) Heavy-Duty 8.8 Cu. Ft. (0.25 Cu. M.)	AT437344	\$1,689.00
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BKH Pin-on Bucket 30 In. (762 mm) Heavy-Duty 10.0 Cu. Ft. (0.28 Cu. M.)	AT437345	\$1,799.00
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BKH Pin-on Bucket 36 In. (914 mm) Ditching; 12.5 Cu. Ft. (0.35 Cu. M.)	AT437616	\$1,536.00
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BKH Pin-on Bucket w/ TK Teeth, 18 In. (457 mm) Severe-Duty 5.1 Cu. Ft. (0.14 Cu. M.)	AT422764	\$1,609.00
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BKH Pin-on Bucket w/ TK Teeth, 24 In. (610 mm) Severe-Duty 7.5 Cu. Ft. (0.21 Cu. M.)	AT422767	\$1,753.00
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BKH Pin-on Bucket w/ TK Teeth, 30 In. (762 mm) Severe-Duty 10.0 Cu. Ft. (0.28 Cu. M.)	AT422770	\$2,080.00
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BKH Top Hook Coupler Bucket 12 in. (305 mm) Heavy Duty 3.3 Cu. Ft. (.09 Cu. M.)	AT437361	\$1,059.00
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BKH Top Hook Coupler Bucket 18 in. (457 mm) Heavy Duty - 5.1 Cu. Ft. (0.14 Cu. M.)	AT437362	\$1,223.00
BKH Top Hook Coupler Bucket 24 in. (610 mm) Heavy Duty 7.5 Cu. Ft. (0.21 Cu. M.)	AT437363	\$1,433.00
LDR Coupler Bucket 1.25 Cu. Yd. (.96 Cu. M.) Heavy Duty 86 in. (2.18 m) wide Long Lip without Bolt-On Cutting Edges or Skid Plates	AT308968	\$2,838.00
LDR Coupler Bucket 1.32 cu. yd. (1.0 cu. m) Heavy Duty 92 in. (2.34 m) Long Lip with Reversible Bolt On Cutting Edge and Skid Plates	AT308966	\$3,511.00
LDR Coupler Bucket 1.5 Cu. Yd. (1.15 Cu. M.) Heavy Duty Long Lip  Requires Hydraulic Front Coupler. 92 in. (2.34 m.) wide. Includes reversible bolt-on cutting edge and skid plates. Includes two lift holes	AT308965	\$3,744.00
LDR Coupler Multi-Purpose Bucket 1.32 cu. yd. (1.0 cu. m) 92 in. (2.34 m) with Reversible Bolt On Cutting Edges and Skid Plates	AT448177	\$7,023.00
LDR Pin-On Bucket 1.32 Cu. Yd. (1.0 Cu. M.) Heavy Duty Long Lip Bucket  92 in. (2.34 m) wide. Includes reversible bolt-on cutting edge with skid plates. * Includes two lift holes.	AT308080	\$3,161.00
LDR Pin-on Bucket 1.25 Cu. Yd. (.96 Cu. M.) Heavy Duty 86 in. (2.18 m) Long Lip and Skid Plates	AT308076	\$2,809.00
LDR Pin-on Bucket 1.5 Cu. Yd. (1.15 Cu. M.) Heavy Duty Long Lip  92 in. (2.34 m) wide. Includes reversible bolt-on cutting edge with skid plates. Includes two lift loops.	AT308082	\$3,526.00
LDR Pin-on Multi-Purpose Bucket 1.32 Cu. Yd. (1.0 Cu. M.), 92 in. (2.34 m) wide with Reversible Bolt On Cutting Edges and Skid Plates  Requires Code 7075, or Third Function Loader Hydraulics. 92 in. (2.3 m) bucket width Includes reversible bolt-on cutting edge with skid plates. Pre-drilled for eight teeth. Order teeth from parts. Includes two lift holes. Proper counterweight is required. See Counterweight Selection Chart.	AT448178	\$6,601.00
Loader Coupler Attachment Adapter Hook Plates (2) Standard	AT336927	\$1,757.00
<b>Frame Attachment:</b>		
Counterweight, Front, 1,000 lbs (454 kg)  Use with (4) T119912 AND (4) 19M9124.	AT439072	\$1,337.00

Counterweight, Front, 1,250 lbs (567 kg)	AT439073	\$1,711.00
Use with (4) T119912 AND (4) 19M9124.		
Counterweight, Front, 250 lbs (113 kg)	AT409592	\$361.00
If adding to the 450 lb. (204 KG) counterweight, order (4) T151797, (2) 19M9088, AND (2) 14M7291. For 750 lb. (340 KG), 1000 lb. (454 KG) and 1250 lb. (567 KG) counterweights, order (2) T151797 and (2) 19M8976		
Counterweight, Front, 450 lbs (204 kg)	AT439070	\$599.00
Use with (4) T119912 AND (4) 19M9124.		
Counterweight, Front, 750 lbs (340 kg)	AT439071	\$971.00
Use with (4) T119912 AND (4) 19M9124.		
<u>Front Attachments:</u>		
Forks, Pallet (2) 60 in.(1.52m) with 60 in. (1.52m) Coupler Fork Carriage	AT308139	\$3,565.00
Forks, Pallet (2) 48 in.(1.22m) with 60 in. (1.52m) Coupler Fork Carriage	AT308138	\$3,394.00
<u>Guards:</u>		
MFWD Wheel Fender Kit for 18 in. tires only	AT371257	\$697.00
Requires MFWD and 12.5/80-18 or 340/80R-18 front tires.		
<u>Hydraulics:</u>		
Accu-Swing Kit for Backhoe	AT431340	\$474.00
Includes two circuit reliefs, fittings, clamps and hardware. Installation instructions T210751.		
Attachment Plumbing Kit	AT448592	\$945.00
Plumbing from the backhoe valve out to the bulk head bracket. Requires additional plumbing to the selected attachment.		
Auxiliary Backhoe Hydraulics for Auger, Extendible Dipperstick	AT450466	\$250.00
Includes fittings and hydraulic couplers for bucket cylinder. Average installation, 1 hour. Bucket cylinder hoses are disconnected; bucket function operates auger forward and reverse. No additional controls are required. Dealer must supply 0.5 inch (12.7 mm) ID hoses from bucket cylinder hydraulic couplers to auger.		
Auxiliary Backhoe Hydraulics for Auger, Standard Dipperstick	AT448424	\$446.00
Includes fittings and hydraulic couplers for bucket cylinder. Average installation, 1 hour. Bucket cylinder hoses are disconnected; bucket function operates auger forward and reverse. No additional controls are required. Dealer must supply 0.5 inch (12.7 mm) ID hoses from bucket cylinder hydraulic couplers to auger.		
Auxiliary Loader Control Valve with 3 Function Hydraulics - Single Lever	AT431168	\$4,785.00

L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.

Auxiliary Plumbing for Selective Flow - Extendible Dipperstick	AT431160	\$662.00
<p>Installation instructions T208495  Average installation, 2 hours.  Requires Extendible Dipperstick.  Requires Five Function Plus Selective Flow or Selective Flow. Includes boom and dipperstick hydraulic lines, and hardware for attaching hoses and lines from the selective flow valve section to end of dipperstick.  Required for hammers, compactors, high or low flow motor attachments mounted on end of dipperstick.</p>		
Controlled Lowering Device for Backhoe Boom Cylinder	AT431164	\$2,431.00
Controlled Lowering Device for Backhoe Dipper (Crowd) Cylinder	AT431163	\$2,036.00
Hand Held Hydraulics	AT448428	\$447.00
<p>Plumbing routed from the backhoe valve to above the battery box for hook up of hand held attachments.  Average installation, 4 hours.  Includes two circuit reliefs, fittings, clamps and hardware.  Requires Selective Flow Valve.  Installed in Battery Box.</p>		
K-Series Style Loader Control Grip Kit	AT450437	\$414.00
Loader Coupler, Hydraulic	AT431166	\$7,555.00
<p>L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.</p>		
Plumbing Aux STD Dipper	AT456542	\$588.00
<p>Average installation, 2 hours.  Requires Standard Dipperstick.  Requires AT431167 Selective Flow Control Kit.  Includes boom and dipperstick hydraulic lines, and hardware for attaching hoses and lines from the selective flow valve section to end of Dipperstick.  Required for hammers, compactors, high or low flow motor attachments mounted on end of Dipperstick.</p>		
Selective Flow Control Kit	AT431167	\$1,695.00
<p>Selective flow control to the backhoe valve for switch control of auxiliary hydraulics.</p>		
Sixth Function EH Valve Kit	AT431161	\$146.00
<p>Value section and two hoses.</p>		
Sixth Function Manual Valve Kit (Without Circuit Reliefs)	AT455624	\$1,014.00
<p>Valve section and two hoses.  Pedal and linkage ordered separately.</p>		
<b><u>Operator Environment:</u></b>		
Auto Ride Control Valve Kit	AT449593	\$549.00
<p>Valve and mounting plate must order plumbing, harness, and accumulator separately.</p>		

Autoshift Software	AT417183	View Price
<a href="#">Order through JDPoint</a>		
Auxillary Power Ports	AT451676	\$280.00
Case Three Lever Controls 5th Function Lever Kit	AT309740	\$191.00
<a href="#">Adds lever to Case 3 lever backhoe controls to operate auxiliary valve on Standard Dipperstick or operates Extendable Dipperstick..</a>		
Case Three Lever Controls with Foot Swing	AT309739	\$875.00
<a href="#">For units with code 5225.</a>		
Ford Four Lever Controls for Standard and Extendible Dipperstick	AT185628	\$2,975.00
<a href="#">Ford Four Lever Controls for Standard and Extendible Dipperstick. For units with code 5225.</a>		
ISO (Deere) Two Lever Mechanical Controls	AT185624	\$493.00
<a href="#">Requires Right Pedal Kit, if equipped with Case controls and five function control valve. For units with code 5225.</a>		
Mounting kit for multi-purpose (ABC) Dry Chemical Fire Extinguisher	AT408903	\$96.00
<a href="#">Kit Does not Include Fire Extinguisher.</a>		
Radio, Basic Kit	AT430023	\$850.00
<a href="#">AM/FM Radio, Weather Band.</a>		
Radio, Premium Kit (AM/FM/WB)	AT430022	\$1,320.00
<a href="#">AM/FM Radio, Bluetooth, USB Aux Input, 3mm Line In Aux, Weather Band, XM Capable.</a>		
Ride Control	AT431165	\$1,444.00
<a href="#">L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.</a>		
Ride Control Plumbing Kit	AT452094	\$682.00
<a href="#">Harness, plumbing, and accumulator for ride control. Must order valve and mounting plate separately.</a>		
Right Pedal for Fifth Function Backhoe Valve	AT185625	\$316.00
SAE Excavator Style Two Lever Controls	AT301434	\$250.00
Sixth Function Pedal for Lever Controls	AT185629	\$373.00
Sun Visor	AT186307	\$92.00
<a href="#">Overall Vehicle:</a>		
(2) External Rear View Mirrors	AT186155	\$282.00
Beacon/Strobe Ready Wiring Kit	AT313589	\$34.00

Kit for aftermarket Beacon or Strobe light  
Kit does not include Beacon

Bumper Grille Frame Field	AT434236	\$82.00
Environmental Drain Kit	AT393180	\$573.00
Fluid Sampling Ports	AT433274	\$480.00
Not available on Stage II (Tier 2) engines.		
LED Flood Light Kit	AT445010	\$215.00
Includes 2 lights.		
LED Spot Light Kit	AT445009	\$215.00
Includes 2 lights.		
License Plate Bracket	AT446496	\$56.00
Light not included.		
Rear Wheel Spacers for Rear Tire Chains	AT347522	\$953.00
Rotating Beacon Kit	AT313592	\$257.00
Slow Moving Vehicle Emblem	AT186288	\$111.00
Stabilizer Cylinder Guards (Set of Two)	AT305073	\$303.00
Strobe Light Kit	AT313583	\$342.00
Magnet mounted.		

#### REFERRAL ATTACHMENTS

Description	Code	Price
<p><a href="#">G.R. Mfg.:</a></p> <p>G.R. Manufacturing, Inc. * Kits listed below must be ordered through John Deere. * F.O.B. Trussville, Alabama * All kits include installation instructions * All warranty, repair parts, technical support and assistance, and sales support and assistance will be the responsibility of G.R. Manufacturing, Inc., and will be handled directly between the Dealer and G.R. Manufacturing, Inc.</p> <p>G.R. Manufacturing, Inc. 4800 Commerce Drive Trussville, Alabama 35173 Phone: (800)841-8001 Fax: (205)655-8005</p>		
Guard, Transmission Bottom	AT441379	\$1,579.00