

# 310SL BACKHOE LOADER



**JOHN DEERE**

01-Mar-2022

Code	Description	QTY	List Price (USD)
0A71T	310SL BACKHOE LOADER	1	\$141,131.00
	<p>310SL Standard Equipment</p> <p><b>ENGINE:</b>                      John Deere PowerTech™ EWL 4.5L Turbocharged 4-Cylinder Engine                      Serpentine Belt with Automatic Belt Tensioner                      Vertical Spin-On Engine Oil Filter                      Primary and Secondary Spin-on Fuel filter with Water Separator                      Dual Safety Element Dry-Type Air Cleaner With Evacuator Valve                      Vertical Curved Exhaust Stack</p> <p><b>COOLING SYSTEM:</b>                      Engine Radiator                      Engine Coolant -40 Degrees F (-40C)                      Coolant Recovery Tank with Low Level Indicator                      Cooling Fan with Fan Guard                      Oil-to-Water Engine Oil Cooler                      Oil to Air Hydraulic Oil Cooler                      Oil to Water Transmission Oil Cooler                      Fold-Out Hinged Cooling System                      High Ambient Temperature Engine Coolant</p> <p><b>POWERTRAIN:</b>                      Powershift Transmission with Torque Converter                      Auto-Shift Feature (On/Off)                      Vertical Spin-on Transmission Filter                      Single Electric Transmission Control Lever (Forward/Neutral/Reverse) with integrated gear selection &amp; horn                      Electronic Transmission Controller with On-board Diagnostics                      Rigid Mounted Rear Axle with 4-Planet Final Drive                      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)                      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</p>		
	<p><b>HYDRAULICS:</b>                      42 GPM (159 L/m) Axial Piston Pump - Closed Center / PCLS Hydraulics System                      Dedicated Hydraulic Reservoir                      6 Micron Vertical Spin-On Filter                      "O" Ring Face Seal Connectors                      Circuit Relief Valve Protection                      Economy Mode                      Auto Idle                      Lift Mode Provides up to 15% Additional Cranning Capacity</p> <p><b>BACKHOE:</b>                      14 Ft. 9 In. (4.50 m) Digging Depth (Extendible Dipperstick, Retracted)                      Backhoe Transport Lock Lever                      Swing Locking Pin Stored in Op. Station                      ISO (Deere) 2 Lever Mechanical Backhoe Controls                      Reversible Pad Stabilizer Feet with integrated lock                      Stabilizer Two-Direction Anti-Drift Valves                      Less Bucket with Bucket Pins                      Backhoe boom includes mounting hole for optional boom protection plate.</p> <p><b>LOADER:</b>                      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</p> <p><b>ELECTRICAL:</b>                      12 Volt System                      145 Amp Alternator                      (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</p> <p><b>OPERATOR STATION:</b>                      Modular-design ROPS/FOPS (level 2) canopy with molded roof (meets ISO 3471 and ISO 3449): Isolation mounted                      Left and Right Side Access                      Slip Resistant Steps and Ergonomically Located Handholds</p>		

Bid Term: 2/22/19 - 2/21/21; Extended to 2/21/22; EXTENDED to 2/21/23

(Conforms to SAE J185)  
 Seat, Deluxe Deep Foam, Vinyl Cover, High Back with Adjustable:  
 Suspension for Weight/Height  
 Fore-Aft  
 Lumbar Adjustments  
 Flip-up Arm Rests  
 3 In. Orange Seat Belt with Retractor  
 Tilt Steering  
 Engine Coolant Temperature Gauge  
 Fuel 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  
 Keyless Start  
 Sealed Switch Module  
 Machine Security  
 Horn (1-FNR, 1- Side Console)  
 Interior Rearview Mirror  
 Rotary Hand Trottle  
 Suspended Foot Throttle  
 12 Volt Outlets (1)  
 Operator's Manual Storage Compartment  
 Integrated Cup Holder with Form Fitting Rubber Insert  
 Lockable Right-Side Storage  
 Coat Hook

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:  
 Engine Hood  
 Monitor  
 Tool Box  
 Fuel Tank  
 Hydraulic Reservoir  
 34 Gal. (128.7 L) Fuel Tank  
 Reverse Warning Alarm  
 19.5L - 24 In. 12 PR (R4) Tubeless Rear and  
 12.5/80 - 18 In. 12 PR Traction Front Sure Grip Lug Tires  
 Ground Level Fueling  
 Remote Grease Bank for Front Axle  
 Tilt Hood with (2) Service Positions  
 JDLink Ultimate in Approved Countries

0A71T	310SL BACKHOE LOADER	1	\$141,131.00
-------	----------------------	---	--------------

DESTINATION AND LANGUAGE

Operator's Manual and Decals Basic Factory Options - Required

2401	English Decals with English Operator and Safety Manuals English decals installed and English operator's manual. Requires engine code 1065.	No Added Cost
2403	English Decals with Spanish Decals and Manuals Separate English decals installed with Spanish decal packet included with English and Spanish operator's manual. Requires engine code 1065.	No Added Cost
2404	English Decals with French Decals and Manuals Separate English decals installed with French decal packet included with English and French operator's manual. Requires engine code 1065.	No Added Cost
2412	No Text Labels with French Operator and Safety Manuals Requires engine code 1075, 1085 or 1087.	No Added Cost

JOHN DEERE WORKSIGHT™

Machine Connectivity Basic Factory Options - Required

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.

170K	JDLink™ Includes integrated cab wiring harness, antenna, and JDLink Modem (MTG). JDLink connectivity is enabled separately through the JDLink website. Connectivity service is subject to country availability.	No Added Cost
170R	JDLink™ Satellite Includes integrated cab wiring harness, antenna, JDLink Modem's (Cellular MTG & Satellite MTG). JDLink connectivity is enabled separately through the JDLink website. Connectivity service is subject to country availability.	\$3,462.00

TRANSMISSION

Front Axle and Transmission Basic Factory Options - Required

3025	2 Wheel Drive Autoshift Transmission With AutoShift 5F/3R Transmission. Autoshift can turned on/off in the SSM. When Autoshift if off, Backhoe will operate with Powershift transmission.	(\$8,406.00)
------	---	--------------

3095 Mechanical Front Wheel Drive (MFWD) with Limited Slip Differential Autoshift Transmission No Added Cost  
 5F/3R Autoshift Transmission.  
 Autoshift can turned on/off in the SSM. When Autoshift if off, Backhoe will operate with Powershift transmission.

OPERATOR'S STATION AND CONTROLS

Operator's Station Basic Factory Options - Required

2015 Canopy (ROPS/FOPS) No Added Cost  
 Isolation mounted Modular design ROPS/FOPS Level 2 (meets ISO 3449 & ISO 3471) Molded roof.  
 Molded floor mats is optional.  
 Keyless Start.  
 Deluxe 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

2010 Quarter Cab (Window in Front) \$1,227.00  
 Isolation mounted Modular design ROPS/FOPS Level 2 (meets ISO 3449 & ISO 3471) Molded roof.  
 Deluxe Mechanical Suspension, Vinyl, Swivel Seat with Lumbar Adjustment and Arm Rests, Fully Adjustable.  
 Keyless Start.  
 3 inch Orange Seat Belt with retractor.  
 Molded floor mats optional.  
 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

2035 Cab \$13,243.00  
 Isolation mounted Modular design ROPS/FOPS Level 2 (meets ISO 3449 & ISO 3471) Molded roof.  
 Tinted safety glass.  
 Deluxe interior trim.  
 Headliner.  
 Molded floor mats.  
 Less radio (Cab includes power connector for radio and threaded bosses for mounting brackets - see radio kit installation instructions).  
 Air Conditioning 26,000 BTU.  
 CFC free R134a refrigerant.  
 Heater/defrosters/pressurizer, 40,000 BTU, 10 speed.  
 Deluxe Mechanical Suspension, Cloth, Swivel Seat with Lumbar Adjustment and Arm Rests, Fully Adjustable.  
 Keyless Start.  
 3 inch Orange Seat Belt with retractor.  
 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).

	Operator's Station	Field Installed Attachments - Optional
	Orders with custom codes are exempt from order response targets. Not all custom codes may be published. If there are specific configuration needs that you don't see available, please contact Dealer Marketing Assistance Center (DMAC): (563) 589-6660. DMAC can also provide assistance in referring Dealers to aftermarket options for customized attachments and field kit installations.	
9060	Front View Mirror	\$82.00
9117	Headliner - Canopy	\$149.00
9118	Tilt Steering - Canopy	\$561.00
9119	Floor Mat - Canopy	\$374.00
9210	Left Side Console Storage with Cup Holders	\$81.00
98C0	Custom Code - Less A/C	(\$992.00)
9916	Radio, Bosch Premium Package AM/FM/Weather Radio, Bluetooth capable with microphone, 3.5mm auxiliary input, USB input, roof power port, roof storage compartment.	\$1,356.00
9917	Radio, Bosch Basic Package AM/FM/Weather Radio	\$873.00
9919	Sun Visor	\$95.00
9920	Exterior Rear View Mirrors (2)	\$343.00
9965	Seat, Cloth Air-Suspension	\$503.00

	For enclosed Cab.	
9970	Seat, Cloth Air-Suspension - Heated For enclosed Cab.	\$994.00
9975	Seat, Vinyl Air-Suspension For open ROPS or enclosed Cab.	\$490.00
	Operator's Station	Field Installed Attachments - Optional
BYT10717	Radio, Premium Package For use with serial number 329231 or greater. AM/FM/Weather Radio, Bluetooth capable with microphone, 3.5mm auxiliary input, USB input, roof power port, roof storage compartment.	\$1,370.00
BYT11384	Radio, Basic Package For use with serial numbers prior to 329231. AM/FM/Weather Radio.	\$882.00
BYT11385	Radio, Premium Package For use with serial numbers prior to 329231. AM/FM/Weather Radio, Bluetooth capable with microphone, 3.5mm auxiliary input, USB input, roof power port, roof storage compartment.	\$1,370.00
BYT10718	Radio, Basic Package For use with serial number 329231 or greater. AM/FM/Weather Radio.	\$882.00
BYT10672	Mechanical to Air Seat Suspension For use on machines after serial number: 329230. Includes complete air suspension assembly, wiring, and controls, to convert mechanical seat suspension to air suspension. Conversion kit can be used for open ROPS or cab configurations.	\$816.00
AT186288	Slow Moving Vehicle Emblem	\$115.00
AT187707	License Plate Bracket and Light	\$233.00
BYT10673	Heated Seat Kit This kit includes the heated cloth seat cushion (back and bottom), electrical harness, and the switch to control the heated seat. Conversion kit can be used with mechanical or air suspension seats.	\$270.00

Conversion kit can be used for cab configurations only.

AT446496	License Plate Bracket Light not included.	\$59.00
BYT10250	Canopy (ROPS/FOPS) to Quarter Cab Conversion Kit Includes all parts needed to add quarter cab to canopy machine, including windshield wiper and windshield washer, but not including the glass.Refer to installation instructions for a list of glass pieces to order from service parts.	\$405.00
AT186307	Sun Visor	\$96.00
BYT10670	Mechanical to Air Seat Conversion For use on machines prior to Serial Number: 329231. Includes complete air suspension assembly, wiring, and controls, to convert mechanical seat suspension to air suspension. Conversion kit can be used for open ROPS or cab configurations.	\$816.00
AT192032	Operator Manual Tether Cables for ROPS or Cab	\$28.00
AT451676	Radio Auxiliary kit Requires code 9917 or BYT10718 basic radio package. 3.5mm auxiliary input jack, harness for aux input to radio, roof power port, roof storage compartment. This kit is designed to add 3.5mm input to radios, and power to charge devices. Note that this kit does NOT include XM, USB input, or Bluetooth microphone.	\$291.00
AT186155	(2) External Rear View Mirrors	\$293.00
AT313589	Beacon/Strobe Ready Wiring Kit Kit for aftermarket Beacon or Strobe light Kit does not include Beacon	\$35.00

**WHEELS AND TIRES**

Wheels and Tires

Basic Factory Options - Required

Orders with custom codes are exempt from order response targets. Not all custom codes may be published. If there are specific configuration needs that you don't see available, please contact Dealer Marketing Assistance Center (DMAC): (563) 589-6660. DMAC can also provide assistance in referring Dealers to aftermarket options for customized attachments and field kit installations.

For use with MFWD

4484	Galaxy 580 Radial - 500/70R24 Rear & 340/80R18 Front Requires axle code 3095. Rear tire chains require wheel spacers (AT347522). Tire designed for hard surface roading and snow.	\$2,246.00
4466	Galaxy 21L 24 in. 12 PR Rear & 12.5/80-18 10PR Front Requires axle code 3095. Rear tire chains require wheel spacers (AT347522).	\$1,389.00
4464	Galaxy 19.5L - 24 in. 12 PR Rear & 12.5/80-18 10PR Front Requires axle code 3095. Rear tire chains require wheel spacers (AT347522).	No Added Cost
4891	Firestone 21L - 24 12PR & 12.5/80-18 12PR Traction Sure Grip Lug, Front 92 Inches (2.33 M) overall width. Requires axle code 3095. Rear tire chains require wheel spacers (AT347522).	\$1,980.00
4782	Michelin Radial - 500/70 R24 XMCL Rear & 340/80 R18 XMCL Front 85 in. (2.16 m) overall width. Requires axle code 3095. Rear tire chains require wheel spacers (AT347522). Tire designed for hard surface roading and snow.	\$3,671.00
4781	Firestone 19.5L - 24 In. 10 PR (R4) Tubeless Rear & 12.5/80 - 18 In. 12 PR Traction Front Sure Grip Lug Tires 86 in. (2.18 m) overall width. Requires axle code 3095. Rear tire chains require wheel spacers (AT347522).	\$621.00
4468	Galaxy 16.9-28 12PR Rear & 12.5/80 10PR Front Requires axle code 3095. Rear tire chains require wheel spacers (AT347522).	\$306.00
4482	Galaxy 550 Radial - 500/70R24 Rear & 340/80R18 Front Requires axle code 3095. Rear tire chains require wheel spacers (AT347522). Tire designed for hard surface roading and snow.	\$3,101.00
44G6	Custom Code - Galaxy 21L 24 in. 12 PR Rear on HD Rim & 12.5/80-18 10PR Front Requires axle code 3095. Rear tire chains require wheel spacers (AT347522).	\$1,134.00
47D8	Custom Code - Goodyear 16.9 x 28 10PR R-4 TL IT525 with 12.5/80 x 18 14PR I-3 Requires axle code 3095. Rear tire chains require wheel spacers (AT347522).	\$1,002.00

For use with 2 Wheel Drive



4446	Galaxy 19.5L - 24 in. 12 PR Rear & 12.5/80-18 12PR Front Requires axle code 3025. Rear tire chains require wheel spacers (AT347522).	\$66.00
4450	Galaxy 19.5L - 24 in. 12 PR Rear & 14.5/75-16.1 16PR Front Requires axle code 3025. Rear tire chains require wheel spacers (AT347522).	\$442.00
42C0	Custom Code - 19.5L X 24 10 PR Softrac II R-3 TURF (GY) w/ 12.5/80-18 12PR (Galaxy) Requires code 3025. Rear tire chains require wheel spacers (AT347522).	\$1,156.00
44D2	Custom Code - ALLIANCE 550 RADIAL 2WD - 550/70R24 REAR w/ 340/80R18 FRONT Requires code 3025. Rear tire chains require wheel spacers (AT347522).	\$3,712.00
4440	Galaxy 16.9-28 12 PR Rear & 12.5/80-18 12PR Front Requires axle code 3025. Rear tire chains require wheel spacers (AT347522).	\$380.00
47D6	Custom Code - Goodyear 16.9/28 10PR R-4 TL IT525 w/ 12.5/80 x 18 14PR I-3. 44 Lugs/rear tire. Sure Grip Lug front tires. This tire is for 2WD only. Rear tire chains require wheel spacers (AT347522).	\$603.00
4444	Galaxy 21L 24 12PR Rear & 12.5/80-18 12PR Front Requires axle code 3025. Rear tire chains require wheel spacers (AT347522).	No Added Cost

Wheels and Tires

Field Installed Attachments - Optional

AT347522	Rear Wheel Spacers for Rear Tire Chains	\$989.00
----------	---	----------

ELECTRICAL

Batteries

Basic Factory Options - Required

8625	Single Maintenance Free Battery	No Added Cost
------	---------------------------------	---------------

175 Minute Reserve Capacity (950 CCA)  
Recommended for use in ambient temperatures ABOVE 32 degrees F (0 degrees C).

8635 Single Maintenance Free Battery With Disconnect and Jump Post \$257.00

175 Minute Reserve Capacity (950 CCA)  
Recommended for use in ambient temperatures ABOVE 32 degrees F (0 degrees C).

8675 Dual Maintenance Free Batteries \$287.00

350 Minute Reserve Capacity (1900 CCA).  
Recommended for temperatures below 32 degrees F (0 degrees C).

8685 Dual Maintenance Free Batteries With Disconnect and Jump Post \$544.00

350 Minute Reserve Capacity (1900 CCA).  
Recommended for use in ambient temperatures BELOW 32 degrees F (0 degrees C).

Lighting Field Installed Attachments - Optional

9905 Strobe Light with Magnetic Mount \$588.00

Light is shipped loose in the cab.

9116 LED Light Package \$1,053.00

Includes factory installed 2 LED spot lights and 8 LED flood lights in lieu of the standard halogen light package.

Lighting Field Installed Attachments - Optional

AT313592 6 inch Amber Warning Light with LED Beacon and Magnetic Roof Mounting Kit \$267.00

AT445010 LED Spot Light Kit \$223.00

Includes 2 lights.

AT445009 LED Flood Light Kit \$223.00

Includes 2 lights.

BYT11137 Boom Light Kit \$409.00

For use on 310SL (0A71T), 310SL HL (0A81T) and 410L (0AB1T).  
For improved trench visibility. Provides two LED flood light for mounting on the boom.  
Includes rocker switch, mounting hardware and wiring harness.

BACKHOE

## Backhoe Dipperstick Basic Factory Options - Required

6010	Standard Dipperstick Standard stabilizer legs.	No Added Cost
------	---	---------------

6020	Extendible Dipperstick Extended stabilizer legs.	\$8,365.00
------	---	------------

## Backhoe Auxiliary Hydraulics Basic Factory Options - Required

6210	No Auxiliary	No Added Cost
------	--------------	---------------

6220	Auxiliary Hydraulic with One Way Flow (Hammer) Includes plumbing to end of dipperstick.	\$2,759.00
------	--	------------

6230	Auxiliary Hydraulic with One & Two Way Flow (Hammer & Thumb/Swinger) Includes factory installed plumbing to end of dipperstick for one and two way flow valve.	\$4,582.00
------	---	------------

## Backhoe Controls Basic Factory Options - Required

5225	Mechanical Controls, Two Lever, ISO (DEERE)	No Added Cost
------	---	---------------

5285	Pilot Controls, Two Lever, with Pattern Selection Proportional Auxiliary control and extendable dipperstick control integrated into pilot control levers.	\$2,594.00
------	--	------------

## Backhoe Quick Couplers Basic Factory Options - Required

5400	Less Coupler - Less Thumb If ordering with thumb, must order option code 5401.	No Added Cost
------	---	---------------

5401	Less Coupler - Thumb Ready	No Added Cost
------	----------------------------	---------------

Includes factory installed thumb cylinder mounting ears installed onto dipper.  
If factory installed thumb option required, order code 9230 - 37 inch tine.

5410	DEERE Standard Quick Coupler - Less Thumb	\$1,538.00
	If ordering thumb, must order option 5411 or 5412. 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.	
5411	DEERE Standard Quick Coupler - 37 Inch Thumb Ready	\$1,538.00
	Includes factory installed thumb cylinder mounting ears installed onto dipper. If factory installed thumb option required, order code 9230 - 37 inch tine. 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.	
5412	DEERE Standard Quick Coupler - 42 Inch Thumb Ready	\$1,538.00
	Includes factory installed thumb cylinder mounting ears installed onto dipper. If factory installed thumb option required, order code 9235 - 42 inch tine. 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.	
5420	Multi-Brand Quick Coupler - Less Thumb	\$1,719.00
	If ordering coupler with thumb, requires option code 5421 or 5422. 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.	
5421	Multi-Brand Quick Coupler - 37 Inch Thumb Ready	\$1,719.00
	Includes factory installed thumb cylinder mounting ears installed onto dipper. If factory installed thumb option required, order code 9230 - 37 inch tine. 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.	
5422	Multi-Brand Quick Coupler - 42 Inch Thumb Ready	\$1,719.00
	Includes factory installed thumb cylinder mounting ears installed onto dipper. If factory installed thumb option required, order code 9235 - 42 inch tine. 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.	
5430	Top Hook Quick Coupler - Less Thumb	\$1,421.00
	If ordering with thumb, requires option code 5432. For use with DEERE Top Hook Coupler bucket option codes 5630 or 5660 and CP or Pre-XLS Wain Roy Top Hook Bucket.	
5432	Top Hook Quick Coupler - 42 Inch Thumb Ready	\$1,421.00
	Includes factory installed thumb cylinder mounting ears installed onto dipper. If factory installed thumb option required, order code 9235 - 42 inch tine.	

Only Compatible with DEERE Top Hook Coupler bucket option code 5660 and CP or Pre-XLS Wain Roy Top Hook Bucket.

5440	<p>New Series Multi-Brand Quick Coupler - Less Thumb</p> <p>If ordering with thumb, requires option code 5441 or 5442. For use with CAT D,E, F, Case K-L-M, and DEERE SE, SG, SJ, SK, SL &amp; SL HL Series backhoe buckets except high-capacity buckets and 710 buckets. Not compatible with Case N-Series.</p>	\$1,768.00
5441	<p>New Series Multi-Brand Quick Coupler - 37 Inch Thumb Ready</p> <p>Includes factory installed thumb cylinder mounting ears installed onto dipper. If factory installed thumb option required, order code 9230 - 37 inch tine. For use with CAT D,E, F, Case K-L-M, and DEERE SE, SG, SJ, SK, SL &amp; SL HL Series backhoe buckets except high-capacity buckets and 710 buckets. Not compatible with Case N-Series.</p>	\$1,768.00
5442	<p>New Series Multi-Brand Quick Coupler - 42 Inch Thumb Ready</p> <p>Includes factory installed thumb cylinder mounting ears installed onto dipper. If factory installed thumb option required, order code 9235 - 42 inch tine. For use with CAT D,E, F, Case K-L-M, and DEERE SE, SG, SJ, SK, SL &amp; SL HL Series backhoe buckets except high-capacity buckets and 710 buckets. Not compatible with Case N-Series.</p>	\$1,768.00
5460	<p>Rear Hydraulic Coupler for Pin-on Buckets - Less Thumb</p> <p>If ordering coupler with thumb, requires code 5462. For use on 310SL, 310SL HL, and 410L with a Serial Number of 303524 and Higher. For use with DEERE SE, SG, SJ, SK, SL &amp; SL HL Series pin-on buckets and 410E, G, J, K, and L Series pin-on buckets. Not for use with Top Hook Buckets. Reference Bulletins 17BH09 and 16BH17 for bucket compatibility and SSM information.</p>	\$8,104.00
5462	<p>Rear Hydraulic Coupler for Pin-on Buckets - 42 Inch Thumb Ready</p> <p>Includes factory installed thumb cylinder mounting ears installed onto dipper. If factory installed thumb option required, order code 9235 - 42 inch tine. For use on 310SL, 310SL HL, and 410L with a Serial Number of 303524 and Higher. For use with DEERE SE, SG, SJ, SK, SL &amp; SL HL Series pin-on buckets and 410E, G, J, K, and L Series pin-on buckets. Not for use with Top Hook Buckets. Reference Bulletins 17BH09 and 16BH17 for bucket compatibility and SSM information.</p>	\$8,104.00
5480	<p>Rear Spring Type Quick Coupler - Less Thumb</p> <p>If ordering coupler with thumb, requires code 5482. For use with DEERE SE, SG, SJ, SK, SL &amp; SL HL Series pin-on buckets and 410E, G, J, K, and L Series pin-on buckets. Not for use with Top Hook Buckets. Reference Bulletin 17BH09 for bucket compatibility information.</p>	\$3,530.00
5482	<p>Rear Spring Type Quick Coupler - 42 Inch Thumb Ready</p> <p>Includes factory installed thumb cylinder mounting ears installed onto dipper. If factory installed thumb option required, order code 9235 - 42 inch tine. For use with DEERE SE, SG, SJ, SK, SL &amp; SL HL Series pin-on buckets and 410E, G, J, K, and L Series pin-on buckets. Not for use with Top Hook Buckets. Reference Bulletin 17BH09 for bucket compatibility information.</p>	\$3,530.00

Backhoe Buckets

Basic Factory Options - Required

For Deere buckets:  
All buckets include lift holes.

5600	Less Backhoe Bucket with Bucket Pins	No Added Cost
------	--------------------------------------	---------------

5616	12" (305 mm) Wide Bucket, 3.3 Cu. Ft. (0.09 Cu. M.) Capacity Buckets Bucket includes TK Teeth.	\$1,525.00
5626	18" (457 mm) Wide, Heavy-Duty, 5.1 Cu. Ft. (0.14 Cu. M.) Capacity Bucket Bucket includes TK Teeth.	\$1,739.00
5630	Top Hook 18" (457 mm) Wide, Heavy-Duty, 5.1 Cu. Ft. (0.14 Cu. M.) Capacity Coupler Bucket Bucket includes TK Teeth. Requires Code 5430 Top Hook Coupler.	\$1,825.00
5656	24" (610 mm) Wide, Heavy-Duty, 7.5 Cu. Ft. (0.21 Cu. M.) Capacity Bucket Bucket includes TK Teeth.	\$1,889.00
5658	24" (610 mm) Wide, Severe-Duty, 7.5 Cu. Ft.(0.21 Cu. M.) Capacity Bucket Bucket includes TK Teeth.	\$2,564.00
5660	Top Hook 24" (610 mm) Wide, Heavy-Duty, 8.8 Cu. Ft. (0.25 Cu. M.) Capacity Coupler Bucket Bucket includes TK Teeth. Requires Code 5430 or 5432 Top Hook Coupler.	\$2,035.00
5676	24" (610 mm) Wide, Heavy-Duty, 8.8 Cu. Ft. (0.25 Cu. M.) Capacity Bucket Bucket includes TK Teeth.	\$2,072.00
5678	24" (610 mm) Wide, Severe-Duty, 8.8 Cu. Ft. (0.25 Cu. M.) Capacity Bucket Bucket includes TK Teeth.	\$2,648.00
Backhoe Auxiliary Hydraulics		Field Installed Attachments - Optional
Orders with custom codes are exempt from order response targets. Not all custom codes may be published. If there are specific configuration needs that you don't see available, please contact Dealer Marketing Assistance Center (DMAC): (563) 589-6660. DMAC can also provide assistance in referring Dealers to aftermarket options for customized attachments and field kit installations.		
90A1	Custom Code - ACCU-SWING	\$670.00
9230	37 Inch Hydraulic Backhoe Thumb - 4 Tine Reference Bulletin 17BH08 for compatibility with couplers and buckets, and to determine necessary thumb length. Requires Two-way Auxiliary Hydraulics, code 6230 or 6240. It does include plumbing for two-way auxiliary valve.	\$9,201.00
9235	42 Inch Hydraulic Backhoe Thumb - 4 Tine	\$9,345.00

Reference Bulletin 17BH08 for compatibility with couplers and buckets, and to determine necessary thumb length. Requires Two-way Auxiliary Hydraulics, code 6230 or 6240. It does include plumbing for two-way auxiliary valve.

## Stabilizer Legs

Field Installed Attachments - Optional

9947 Heavy-Duty Stabilizer Pads \$462.00  
Laminated and reinforced rubber, compressed on edge within the steel shoe for improved durability and wear performance.

9035 Standard Stabilizer Legs No Added Cost  
Requires option code 6020.

## Backhoe Bucket Cylinder

Field Installed Attachments - Optional

9140 Heavy-Duty Backhoe Bucket Cylinder \$273.00  
Increases backhoe bucket breakout force by 27%.

## Backhoe Controls

Field Installed Attachments - Optional

AT309739 Case Three Lever Controls with Foot Swing \$1,407.00  
For units with code 5225.

AT301434 SAE Excavator Style Two Lever Controls \$260.00

AT185624 ISO (Deere) Two Lever Mechanical Controls \$512.00  
Requires Right Pedal Kit, if equipped with Case controls and five function control valve. For units with code 5225.

AT185628 Ford Four Lever Controls for Standard and Extendible Dipperstick \$3,088.00  
Ford Four Lever Controls for Standard and Extendible Dipperstick.  
For units with code 5225.

AT185629 Sixth Function Pedal for Lever Controls \$387.00

AT309740 Case Three Lever Controls 5th Function Lever Kit \$198.00  
Adds lever to Case 3 lever backhoe controls to operate auxiliary valve on Standard Dipperstick or operates Extendible

Dipperstick..

Backhoe Quick Couplers

Field Installed Attachments - Optional

AT324292	<p>Coupler, Top Hook Backhoe Bucket</p> <p>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 counterweighing is required. See 310SJ or 410J Counterweight Selection Chart.</p>	\$1,153.00
BYT10289	<p>Coupler, Rear Hydraulic for Pin-on Buckets, Extendable Dipperstick</p> <p>For use on 310SL with a Serial Number of 303524 and Higher. Requires Valve Plumbing Kit BYT10077. Bucket Compatibility: For use with DEERE SE, SG, SJ, SK, SL &amp; SL HL Series pin-on buckets and 410E, G, J, K, and L Series pin-on buckets. Not for use with Top Hook Buckets. Reference Bulletins 17BH09 and 16BH17 for bucket compatibility and SSM information.</p>	\$6,927.00
AT343629	<p>Coupler, Universal - Pin-grabber style (non-hydraulic)</p> <p>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. Proper counterweighing is required. See Counterweight Selection Chart. Recommend Backhoe Boom Bolt-on Protection Plate.</p>	\$3,235.00
AT336316	<p>Coupler, Deere Backhoe Bucket</p> <p>Fits 310SE, 310SG, 310SJ, 310SK, 310SL, 410E, 410G, 410J,410TJ, 410K, 410L backhoes. For use with 310SE, 310SG, 310SJ, 410E, 410G,410J, 410TJ, 410K, 410L backhoe buckets Proper counterweighing is required. See Counterweight Selection Chart. Recommend Backhoe Boom Bolt-on Protection Plate.</p>	\$1,530.00
AT336315	<p>Coupler, Multi-Brand Universal Backhoe Bucket</p> <p>For use with CAT B &amp; C Series, Case K-L-M and DEERE SE,SG &amp; 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 counterweighing is required. See Counterweight Selection Chart. Recommend Backhoe Boom Bolt-on Protection Plate. Spacers are recommended for CAT and Case buckets, refer to dealer bulletin 07BH08.</p>	\$1,524.00
AT393558	<p>Backhoe New Series Multi-Brand Quick Coupler</p> <p>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, refer to dealer bulletin 07BH08.</p>	\$1,574.00
BYT10288	<p>Coupler, Rear Hydraulic for Pin-On Buckets, Standard Dipperstick</p> <p>For use on 310SL with a Serial Number of 303524 and Higher. Requires Valve Plumbing Kit BYT10077. Bucket Compatibility: For use with DEERE SE, SG, SJ, SK, SL &amp; SL HL Series pin-on buckets and 410E, G, J, K, and L Series pin-on buckets. Not for use with Top Hook Buckets. Reference Bulletins 17BH09 and 16BH17 for bucket compatibility and SSM information.</p>	\$6,927.00



BYT10333	Coupler, Rear Spring Type Quick Coupler For use with DEERE SE, SG, SJ, SK, SL & SL HL Series pin-on buckets and 410E, G, J, K, and L Series pin-on buckets. Not for use with Top Hook Buckets. Reference Bulletin 17BH09 for bucket compatibility information.	\$3,354.00
Backhoe Buckets		Field Installed Attachments - Optional
AT437362	BKH Top Hook Coupler Bucket 18 in. (457 mm) Heavy Duty 5.1 Cu. Ft. (0.14 Cu. M.)	\$1,561.00
AT437700	BKH Pin-on Bucket 18 in (457 mm) Severe Duty 5.1 Cu. Ft. (0.14 Cu. M.)	\$1,765.00
AT437701	BKH Pin-on Bucket 24 in (610 mm) Severe Duty 7.5 Cu. Ft. (0.21 Cu. M.)	\$2,193.00
AT437343	BKH Pin-On Bucket 24 In. (610 mm) Heavy Duty 7.5 Cu. Ft. (0.21 Cu. M.)	\$1,616.00
AT437338	BKH Pin-on Bucket 12 In. (305 mm) Heavy-Duty 3.3 Cu. Ft. (0.09 Cu. M.)	\$1,282.00
AT437345	BKH Pin-on Bucket 30 In. (762 mm) Heavy-Duty 10.0 Cu. Ft. (0.28 Cu. M.)	\$1,835.00
AT436333	BKH Pin-on Bucket 36 In. (914 mm) Heavy-Duty 12.5 Cu. Ft. (0.35 Cu. M.)	\$2,757.00
AT437344	BKH Pin-on Bucket 24 In. (610 mm) Heavy-Duty 8.8 Cu. Ft. (0.25 Cu. M.)	\$1,772.00
AT437342	BKH Pin-On Bucket 24 In. (610 mm) Standard-Duty 7.5 Cu. Ft. (0.21 Cu. M.)	\$1,667.00
AT437363	BKH Top Hook Coupler Bucket 24 in. (610 mm) Heavy Duty 7.5 Cu. Ft. (0.21 Cu. M.)	\$1,741.00
AT437616	BKH Pin-on Bucket 36 In. (914 mm) Ditching 12.5 Cu. Ft. (0.35 Cu. M.)	\$1,810.00

AT437340	BKH Pin-on Bucket 18 In. (457 mm) Heavy-Duty 5.1 Cu. Ft. (0.14 Cu. M.)	\$1,487.00
AT437702	BKH Pin-on Bucket 24 in (610 mm) Severe Duty 8.8 Cu. Ft. (0.25 Cu. M.)	\$2,264.00
AT437361	BKH Top Hook Coupler Bucket 12 in. (305 mm) Heavy Duty 3.3 Cu. Ft. (.09 Cu. M.)	\$1,307.00
	Stabilizer Legs	Field Installed Attachments - Optional
AT376410	Heavy Duty Stabilizer Pads	\$467.00
AT376409	Standard Stabilizer Street Pads	\$234.00
	Attachments & Accessories	Field Installed Attachments - Optional
AT308138	Forks, Pallet (2) 48 in.(1.22m) with 60 in. (1.52m) Coupler Fork Carriage	\$4,084.00
BYT10287	42 Inch Hydraulic Backhoe Thumb - 4 Tine Reference Bulletin 17BH08 for compatibility with couplers and buckets, and to determine necessary thumb length. Requires Two-way Auxiliary Hydraulics, code 6230, 6240, or field installed 2-way auxiliary hydraulic kit.	\$7,069.00
AT308139	Forks, Pallet (2) 60 in.(1.52m) with 60 in. (1.52m) Coupler Fork Carriage	\$4,652.00
BYT10285	37 Inch Hydraulic Backhoe Thumb - 4 Tine Reference Bulletin 17BH08 for compatibility with couplers and buckets, and to determine necessary thumb length. Requires Two-way Auxiliary Hydraulics, code 6230, 6240, or field installed 2-way auxiliary hydraulic kit.	\$6,981.00
AT366494	Multi-Purpose Flip-Over Forks	\$3,584.00

FRONT LOADER

Loader Buckets

Basic Factory Options - Required

Loader Buckets include Skid Plates and Lift Hooks unless stated otherwise.  
 Orders with custom codes are exempt from order response targets. Not all custom codes may be published. If there are specific configuration needs that you don't see available, please contact Dealer Marketing Assistance Center (DMAC): (563) 589-6660. DMAC can also provide assistance in referring Dealers to aftermarket options for customized attachments and field kit installations.

Pin-On Loader Buckets

Not compatible with 7035 and 7085 Loader Hydraulics.

7635 1.12 Cu. Yd. (0.86 Cu. M.) Heavy-Duty 86 in. (2.18 m) wide Bucket with Bolt-On Cutting Edge and Skid Plates \$4,314.00

7641 1.25 Cu. Yd. (.96 Cu. M.) 86 in. (2.18 m) Wide Long Lip Bucket with Bolt On Cutting Edge and Skid Plates \$3,946.00  
 Requires code 7025, 7075 or 7080.

7645 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 \$4,531.00

7687 1.32 Cu. Yd. (1.0 Cu. M.), 92 in. (2.34 m) Wide, Multipurpose Bucket with Bolt On Teeth \$8,756.00  
 Requires Code 7080, Auxiliary Loader Hydraulic.  
 Includes reversible cutting edge for moldboard and back of clamshell.  
 Includes mounting ears for flip-over forks.  
 Includes two lift holes.  
 Includes skid plates.

7685 Wide Multipurpose Bucket \$10,554.00  
 1.32 Cu. Yd. (1.0 Cu. M.), 92 in. (2.34 m).  
 Requires Code 7080, Aux. Loader Hydraulic  
 Includes reversible bolt-on cutting edge and skid plates.  
 Includes reversible cutting edge for moldboard and back of clamshell.  
 Pre-drilled for eight teeth - Order teeth from parts.  
 Includes two lift holes.

76A1 Custom Code - 1.30 CU YD MP Bucket with BOCE (4-in-1) and Flip over Fork Kit - Installation Ready \$8,215.00  
 Requires 7025 or 7080.  
 Flip over forks not included. Please order field kit: AT366494.

Coupler Loaders Buckets

Requires codes 7035 or 7085 Loader Coupler

7605 Less Coupler Bucket No Added Cost

7650	1.3 Cu. Yd. (1.0 Cu. M.) 92 in. (2.34 m) wide Heavy-Duty Long-Lip Coupler Bucket with Cutting Edge and Skid Plates	\$4,907.00
7690	1.32 Cu. Yd.(1.0 Cu. M.), 92 in.(234 mm) wide Multipurpose Coupler Bucket Requires Code 7085, Aux. Loader Coupler Hydraulics. Requires Code 6020, Extendible Dipperstick. Requires Code 8415, Counterweight. Cannot be used with a counterweight (codes 8425, 8455, 8475, or 8485). Includes reversible bolt-on cutting edge and skid plates. Includes reversible cutting edge for moldboard and back of clamshell. Pre-drilled for eight teeth - Order teeth from parts. Includes two lift holes.	\$9,529.00
7600	Less Loader Bucket with Pins for Buckets or Front Attachments Old Style pins will be necessary with older buckets and attachments.	No Added Cost
	Loader Controls	Basic Factory Options - Required
	All selections come with Return to Dig feature. Orders with custom codes are exempt from order response targets. Not all custom codes may be published. If there are specific configuration needs that you don't see available, please contact Dealer Marketing Assistance Center (DMAC): (563) 589-6660. DMAC can also provide assistance in referring Dealers to aftermarket options for customized attachments and field kit installations.	
7025	Two-Function Loader Hydraulics, Single Lever Single lever loader control with electric clutch disconnect and momentary MFWD.	No Added Cost
7035	Loader Coupler, 2-Function Hydraulics, Single Lever Includes Auto Ride Control, option 9115. Single lever loader control with electric clutch disconnect and momentary MFWD. Will accept G, J, K and L-Series loader coupler buckets	\$6,829.00
7080	Three-Function Loader Hydraulics, Single Lever Single lever loader control with electric clutch disconnect, momentary MFWD, transmission quick-shift, and electro-hydraulic auxiliary control. 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.	\$3,268.00
7085	Loader Coupler, 3-Function Hydraulics, Single Lever Includes Auto Ride Control, option 9115. Single lever loader control with electric clutch disconnect, momentary MFWD, transmission quick-shift, and electro-hydraulic auxiliary 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.	\$9,974.00
70B6	Custom Code - Loader Coupler Configuration, 3-Function Hydraulics, Single Lever (Less Coupler) Includes Auto Ride Control, option 9115. Single lever loader control with electric clutch disconnect, momentary MFWD, transmission quick-shift, and electro-hydraulic auxiliary control. Does not include the coupler.	\$7,682.00

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

Loader Controls Field Installed Attachments - Optional

9115 Auto Ride Control \$2,335.00

Loader Buckets Field Installed Attachments - Optional

BYT10707 LDR Coupler Multipurpose Bucket 1.25 Cu. Yd. (.96 cu. m) 86 in. (2.18 m) wide \$7,929.00  
 Includes Reversible Bolt On Cutting Edges and Skid Plates.  
 Includes reversible cutting edge for moldboard and back of clamshell.  
 Requires Aux. Loader Coupler Hydraulics.  
 86 in. (2.18 m) bucket width.  
 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.

BYT10701 LDR Pin-on Multipurpose Bucket 1.25 Cu. Yd. (.96 Cu. M.) 86 in. (2.18 m) \$7,513.00  
 Includes Reversible Bolt On Cutting Edge and Skid Plates.  
 Includes reversible cutting edge for moldboard and back of clamshell.  
 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.

AT336927 Loader Coupler Attachment Adapter Hook Plates (2) Standard \$1,934.00

AT308080 LDR Pin-On Bucket 1.32 Cu. Yd. (1.0 Cu. M.) Heavy Duty Long Lip Bucket \$3,876.00  
 92 in. (2.34 m) wide.  
 Includes reversible bolt-on cutting edge with skid plates.  
 \* Includes two lift holes.

AT308968 LDR Coupler Bucket 1.25 Cu. Yd. (.96 Cu. M.) Heavy Duty 86 in. (2.18 m) wide Long Lip \$3,546.00  
 Does not include Bolt-On Cutting Edges or Skid Plates.

AT308071 LDR Pin-on Bucket 1.12 Cu. Yd. (.86 Cu. M.) Heavy Duty 86 in. (2.18 m) wide \$3,689.00  
 Includes Reversible Bolt On Cutting Edge and Skid Plates.

BYT10705	LDR Pin-on Multipurpose 1.25 Cu. Yd. (0.96 Cu. M.), 92 in. (2.34 m) wide bucket flip fork ready Includes reversible cutting edge for moldboard and back of clamshell. Includes bolt-on teeth, flip-fork ready. If forks are desired, please order field kit: AT366494.	\$7,489.00
BYT10703	LDR Pin-on Multi-Purpose Bucket 1.32 Cu. Yd. (1.0 Cu. M.), 92 in. (2.34 m) wide Includes Reversible Bolt On Cutting Edges and Skid Plates. Includes reversible cutting edge for moldboard and back of clamshell. Requires Third Function Loader Hydraulics. 92 in. (2.3 m) bucket width Pre-drilled for eight teeth. Order teeth from parts. Includes two lift holes. Proper counterweight is required. See Counterweight Selection Chart.	\$7,564.00
AT308966	LDR Coupler Bucket 1.32 Cu. Yd. (1.0 cu. m) Heavy Duty 92 in. (2.34 m) Long Lip Includes Reversible Bolt On Cutting Edge and Skid Plates.	\$4,197.00
AT308188	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	\$3,042.00
AT308970	LDR Coupler Bucket 1.13 Cu. Yd. (.86 Cu. M.) Heavy Duty 86 in. (2.18 m) wide Long Lip Includes Reversible Bolt On Cutting Edge and Skid Plates.	\$3,766.00
AT308991	LDR Coupler Bucket 1.0 Cu. Yd. (.76 Cu. M.) Heavy Duty 86 in. (2.18 m) wide Includes Reversible Bolt On Cutting Edge with Skid Plates.	\$3,487.00
BYT10708	LDR Coupler Multipurpose 1.3 cu. Yd. (1.0 cu. m), 92 in (2.34 m) wide bucket Includes Reversible Bolt On Cutting Edges and Skid Plates. Includes reversible cutting edge for moldboard and back of clamshell. Requires Code 7085, or Third Function Loader Hydraulics and Loader Coupler. 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.	\$8,150.00
BYT12306	LDR Pin-on Bucket 1.3 Cu. Yd. (1.0 Cu. M.) Heavy Duty 86 in. (2.18 m) wide Long Lip	\$3,375.00

Loader Controls

Field Installed Attachments - Optional

AT452094	Ride Control Plumbing Kit	\$708.00
----------	---------------------------	----------

Harness, plumbing, and accumulator for ride control. Must order valve and mounting plate separately.  
Compatible with both manual and auto ride control.

AT449593 Auto Ride Control Valve Kit \$570.00

Includes valve and mounting plate. Also requires plumbing kit AT452094. Must order applicable Software Part Number in JDPoint for Field Kit to function properly.

BYT11542 Multi-Purpose Bucket Anti-Drift Valve Kit \$759.00

Prevents clam shell from drifting open during load, carry and three-point stance operations. Kit includes valve, hoses and mounting hardware. Compatible with all Backhoe and Tractor Loader multi-purpose buckets (installation instructions will also detail mounting procedure for buckets produced prior to September 2018)

**WEIGHTS AND BALLASTING**

Counterweight

Basic Factory Options - Required

**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%
- Non-Powered 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 Standard dipper, Canopy, Mechanical Front Wheel Drive, Standard Loader bucket, and a Standard Backhoe bucket.

8410 Front Cover - For Machines Without a Front Counterweight No Added Cost

8415 Heavy-Duty Bumper - For Machines Without a Front Counterweight \$223.00

8425	450 Lb. (204 kg) Front Counterweight	\$615.00
8455	750 Lb. (340 kg) Front Counterweight	\$998.00
8475	1000 Lb. (454 kg) Front Counterweight	\$1,374.00
8485	1250 Lb. (567 kg) Front Counterweight	\$1,758.00
Counterweight		Field Installed Attachments - Optional
BYT10254	Counterweight, Front, 750 lbs (340 kg) Use with (4) T119912 AND (4) 19M9124.	\$1,008.00
BYT10255	Counterweight, Front, 1,000 lbs (454 kg) Use with (4) T119912 AND (4) 19M9124.	\$1,388.00
BYT10256	Counterweight, Front, 1,250 lbs (567 kg) Use with (4) T119912 AND (4) 19M9124.	\$1,794.00
BYT10251	Counterweight, Front, 450 lbs (204 kg) Use with (4) T119912 AND (4) 19M9124.	\$621.00
AT409592	Counterweight, Front, 250 lbs (113 kg) 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	\$544.00
ENGINE		
Engine		Basic Factory Options - Required
1065	John Deere PowerTech™ EWL 4.5L (276 Cu. In.) Engine Meets Final Tier 4 and Stage IV Emissions Net Peak Power of 103 Hp. For use only in areas where EPA Final Tier 4/EU Stage IV is required.	\$10,028.00



Turbocharged.  
Wet Sleeve Cylinder Liners.  
4 Valves / Cylinder.  
Electronically Controlled HPCR Fuel Delivery System, B20 Biodiesel Compatible .  
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.

Engine Field Installed Attachments - Optional

9045 Chrome Exhaust Extension \$178.00

9080 Engine Coolant Heater \$172.00

9085 Electric Ether Start Aid without Ether Canister \$319.00  
Not for use with 310L EP.

Oil Sampling Ports Field Installed Attachments - Optional

9515 Diagnostic Oil Sampling Ports \$207.00  
Requires code engine code 1085 or 1065.  
Includes 4 ports:  
Engine oil  
Engine coolant  
Transmission oil  
Hydraulic oil

Hydraulic Oil Field Installed Attachments - Optional

9088 Hydraulic Fluid - Hydrau XR Synthetic Oil \$608.00  
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).

Engine Field Installed Attachments - Optional

AT393180	Environmental Drain Kit	\$595.00
BYT11568	Pre-Cleaner, Engine Air Intake Aspiration style pre-cleaner using engine exhaust to scavenge debris from air filter intake.	\$1,064.00
BYT11589	Fluid Sampling Ports Not available on Stage II (Tier 2) engines. For use on Backhoes with a Serial Number 390995 and Higher.	\$498.00
MISCELLANEOUS		
	Guards	Field Installed Attachments - Optional
9505	Full MFWD Driveshaft Guard	\$428.00
9120	Heavy-Duty Grille Frame	\$555.00
	Miscellaneous	Field Installed Attachments - Optional
	Paint and Rust Protection	Field Installed Attachments - Optional
9800	Finish Paint - Decals Not Installed	\$165.00
9909	Non-Export Rust Preventive Coating Coating protects exposed unpainted surfaces from road salt during shipment.	\$172.00
	Guards	Field Installed Attachments - Optional
AT371257	MFWD Wheel Fender Kit for 18 in. tires only	\$723.00

Requires MFWD and 12.5/80-18 or 340/80R-18 front tires.

AT333753 Backhoe Boom Protection Plate \$608.00  
 Bolt on or weld to underside of backhoe boom.  
 Recommended for rental, lease, thumbs/clamps, swingers, jaw buckets, and non-Deere attachments on couplers.

AT438402 KIT, FULL MFWD GUARD \$280.00

AT434236 Rubber Bumper for Grille Frame \$192.00

AT305073 Stabilizer Cylinder Guards (Set of Two) \$314.00

BYT11926 Heavy-Duty Grille Screen Kit \$561.00  
 Compatible with L-Series Backhoe Loaders.

Miscellaneous Field Installed Attachments - Optional

AT451194 Pivotal Beacon Bracket \$104.00

BYT10330 Rear Wiring Harness for Hammer, Auto Greaser \$180.00  
 Harness that enables installation of an auto greaser (primarily for hammer use).

BYT10312 Stop Kit, Field Kit - Pilot Tower Stow \$26.00

AT408903 Mounting kit for multi-purpose (ABC) Dry Chemical Fire Extinguisher \$100.00  
 Kit Does not Include Fire Extinguisher.

AT437905 Jump Start and Battery Disconnect Kit \$247.00

G.R.Mfg. Field Installed Attachments - Optional

G.R. Manufacturing, Inc.  
 \* Kits listed below must be ordered through John Deere.  
 \* F.O.B. Trussville, Alabama

\* All kits include installation instructions  
 \* All warranty, repair parts, technical support and assistance, and sales support and assistance will be the responsibility of G.R. Manufacturing, Inc., and will be handled directly between the Dealer and G.R. Manufacturing, Inc.

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

AT441379      Guard, Transmission Bottom      \$1,880.00  
 Kit is not compatible with the factory MWFD guard (option code 9505) or the MFWD field kit (BYT11208).

HYDRAULICS

Hydraulics

Field Installed Attachments - Optional

AT431340      Accu-Swing Kit for Backhoe      \$492.00  
 Includes two circuit reliefs, fittings, clamps and hardware.  
 Installation instructions T210751.

BYT11011      Hydraulic Plumbing, Bulk Head to Deere Thumb Cylinder - Extendable Dipperstick      \$88.00  
 For use with serial numbers after 338468.  
 Must be configured with 6230 or 6240 or BYT11016, BYT11694, BYT11018, BYT11019.  
 Average installation, 2 hours.  
 For Low Flow intermittent usage (Thumb, Auger, Rotation Circuit, etc.)  
 Requires unit to have unused 5th, 6th or 7th 2 way hydraulic functions. 310L EP and 310L controlled by foot pedal. 310SL, 310SL HL and 410L controlled by thumb roller in pilot joystick.  
 For installation instructions, please reference DTAC Solution 115211.

AT448428      Hand Held Hydraulics      \$464.00  
 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.

BYT10279      Loader Coupler, Hydraulic      \$7,841.00  
 For use on Backhoes with a Serial Number 390995 and Higher.  
 L-Series backhoes must order applicable Software Part Number in JDPoint for Field Kit to function properly.

BYT11010      Hydraulic Plumbing, Bulk Head to Deere Thumb Cylinder - Standard Dipperstick      \$88.00  
 For use with serial numbers after 338468.  
 Must be configured with 6230 or 6240 or BYT11006, BYT11693, BYT11014, BYT11015.  
 Average installation, 2 hours.  
 For Low Flow intermittent usage (Thumb, Auger, Rotation Circuit, etc.)  
 Requires unit to have unused 5th, 6th or 7th 2 way hydraulic functions. 310L EP and 310L controlled by foot pedal. 310SL, 310SL HL and 410L controlled by thumb roller in pilot joystick.  
 For installation instructions, please reference DTAC Solution 115211.

AT448426	Controlled Lowering Device for Backhoe Boom Cylinder	\$2,734.00
AT450466	Auxiliary Backhoe Hydraulics for Auger, Extendible Dipperstick 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.	\$384.00
AT431312	Auxiliary Loader Control Valve with 3 Function Hydraulics - Single Lever For use on Backhoes with a Serial Numbers below 292974. L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.	\$4,031.00
AT448429	Auxiliary Hydraulic Selective Flow Control Kit For use on Backhoes with Serial Numbers through 390994. 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.	\$1,259.00
AT448425	Controlled Lowering Device for Backhoe Dipper (Crowd) Cylinder Requires prior installation of AT448426 Controlled Lowering Device for Backhoe Boom Cylinder Kit.	\$3,096.00
BYT11079	1-Way (Select Flow) Auxiliary Hydraulics Bulkhead - Bucket Cylinder Mounted This field kit provides an alternative connection point for 1-way (select) flow hydraulics. The bulkhead will accept existing factory sourced plumbing, normally attached to dipper side sheets. Kit consists of two clamps and bulkhead bracket.	\$216.00
AT307664	Sixth Function Control Valve Section (Without Circuit Reliefs) for Pilot Controls For use on Backhoes with Serial Numbers through 390994. 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) & T159264 (1))when used with Five Function Control Valve Plus Selective Flow Valve.	\$1,501.00
BYT11693	Auxiliary Backhoe Hydraulic Plumbing Kit, Two-Way Proportional Flow - Standard Dipperstick For use with 310SL base machine 0A71T. For use on Backhoes with a Serial Number 390995 and Higher. Includes plumbing to bulkhead at the end of the dipperstick. Average installation, 2 hours. Includes two circuit reliefs, fittings, clamps, hoses and hardware. For Low Flow intermittent usage (Thumb, Auger, Rotation Circuit, etc.) Quick connect couplers and jumper hoses from bulkhead to attachment not included. If installing hydraulic Deere thumb, additional thumb plumbing kit is required (BYT11010). Please reference DTAC Solution 115211.	\$597.00

BYT11691	<p>Auxiliary Plumbing for Selective Flow - Standard Dipperstick</p> <p>For use on Backhoes with a Serial Number 390995 and Higher. Installation instructions T438253. 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>	\$610.00
BYT11692	<p>Auxiliary Plumbing for Selective Flow - Extendible Dipperstick</p> <p>For use on Backhoes with a Serial Number 390995 and Higher. 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>	\$687.00
BYT11701	<p>Selective Flow Control Kit (1 way flow for use with hammer or compactor)</p> <p>For use on Backhoes with a Serial Number 390995 and Higher. Selective flow control to the backhoe valve for switch control of auxiliary hydraulics. Does not include plumbing kit.</p>	\$1,759.00
BYT11694	<p>Auxiliary Backhoe Hydraulic Plumbing Kit, Two-Way Proportional Flow - Extendible Dipperstick</p> <p>For use with 310SL base machine 0A71T. For use on Backhoes with a Serial Number 390995 and Higher. Includes plumbing to bulkhead at the end of the dipperstick. Average installation, 2 hours. Includes two circuit reliefs, fittings, clamps, hoses and hardware. For Low Flow intermittent usage (Thumb, Auger, Rotation Circuit, etc.) Quick connect couplers and jumper hoses from bulkhead to attachment not included. If installing hydraulic Deere thumb, additional thumb plumbing kit is required (BYT11011). Please reference DTAC Solution 115211.</p>	\$597.00
BYT11688	<p>Auxiliary Loader Control Valve with 3 Function Hydraulics - Single Lever</p> <p>For use on 310SL (0A71T), 310SL HL (0A81T) and 410L (0AB1T). For use on Backhoes with a Serial Number 390995 and Higher. Must order applicable Software Part Number in JDPoint for Field Kit to function properly.</p>	\$4,031.00
BYT11992	<p>Sixth Function Valve Kit (2 way flow for thumb swinger or grapple)</p> <p>For use on Backhoes with a Serial Number 390995 and Higher. Must order applicable Software Part Number in JDPoint for Field Kit to function properly. Valve section and two hoses. For use with Pilot Controls 5285. If the machine is not equipped with single lever loader control (SLLC) and loader auxiliary, also order: AT472332 Auxiliary Valve Controller (AVC) AT432173 Wiring Harness 14M7303 Nut (Qty 4) 19M7775 Cap Screw M6 X 16 (Qty 4)</p>	\$3,048.00

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