

# 310L BACKHOE LOADER



01-Mar-2022

Code	Description	QTY	List Price (USD)
0A61T	310L BACKHOE LOADER	1	\$133,965.00
	<p>310L 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</p> <p>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 3-Planet Final Drive                      Differential Lock, Foot Switch Activated, Protection On/Off                      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)                      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>                      28 GPM (106 L/m) Single Gear Pump - Open Center                      Dedicated Hydraulic Reservoir                      6 Micron Vertical Spin-On Filter                      "O" Ring Face Seal Connectors                      Circuit Relief Valve Protection                      Economy Mode                      Auto Idle</p> <p><b>BACKHOE:</b></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</p> <p>(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</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 (Conforms to SAE J185)                      Seat, Deluxe Deep Foam, Vinyl Cover, High Back with Adjustable:                      Suspension for Weight/Height                      Fore-Aft                      Lumbar Adjustment                      Flip-up Arm Rests                      3 In. Orange Seat Belt with Retractor                      Fixed Steering Column                      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 &amp; Temperature                      Hydraulic Filter Restriction                      Low Brake Pressure                      Seat Belt Indicator                      Transmission Oil Temperature                      Fuel</p>		

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

14 Ft. 0 In. (4.27 m) Digging Depth (Extendible Dipperstick, Retracted)  
Backhoe Transport Lock Lever  
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  
Backhoe boom includes mounting hole for optional boom protection plate.

Hourmeter / Tachometer / Voltmeter  
Machine Diagnostics  
Key Start Switch with Electric Fuel Shut-Off  
  
Horn (1-FNR, 1- Side Console)  
Interior Rearview Mirror  
Rotary Hand Trottle  
Suspended Foot Trottle  
12 Volt Outlets (1)  
Operator's Manual Storage Compartment  
Integrated Cup Holder with form fitting rubber insert  
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  
Hydraulic Reservoir  
34 Gal. (128.7 L) 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 in Approved Countries

0A61T      310L BACKHOE LOADER      1      \$133,965.00

DESTINATION AND LANGUAGE

Operator's Manual and Decals      Basic Factory Options - Required

2401      English Decals with English Operator and Safety Manuals      No Added Cost  
English decals installed and English operator's manual.  
Requires engine code 1065.

2403      English Decals with Spanish Decals and Manuals Separate      No Added Cost  
English decals installed with Spanish decal packet included with English and Spanish operator's manual.  
Requires engine code 1065.

2404      English Decals with French Decals and Manuals Separate      No Added Cost  
English decals installed with French decal packet included with English and French operator's manual.  
Requires engine code 1065.

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™ No Added Cost  
 Includes integrated cab wiring harness, antenna, and JDLink Modem (MTG).  
 JDLink connectivity is enabled separately through the JDLink website. Connectivity service is subject to country availability.

170R JDLink™ Satellite \$3,462.00  
 Includes integrated cab wiring harness, antenna, JDLink Modem's (Cellular MTG & Satellite MTG).  
 JDLink connectivity is enabled separately through the JDLink website. Connectivity service is subject to country availability.

TRANSMISSION

Front Axle and Transmission Basic Factory Options - Required

3035 2 Wheel Drive Powershift Transmission (\$8,406.00)  
 With 4F/2R Powershift Transmission.  
 Includes torque converter with electrically actuated twist grip TCL in 1st through 4th gears.

3075 Mechanical Front Wheel Drive (MFWD) with Open Differential No Added Cost  
 4F/2R Powershift Transmission.  
 Includes torque converter with electrically actuated twist grip TCL in 1st through 4th gears.

3065 Mechanical Front Wheel Drive (MFWD) with Limited Slip Differential \$980.00  
 4F/2R Powershift Transmission.  
 Includes torque converter with electrically actuated twist grip TCL in 1st through 4th gears.

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.

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.  
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 \$11,983.00

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.  
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

9095 Machine Security \$454.00

User-defined codes to enable start of machine.

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 For enclosed Cab.	\$503.00
9970	Seat, Cloth Air-Suspension - Heated For enclosed Cab.	\$994.00
9975	Seat, Vinyl Air-Suspension For open ROPS or enclosed Cab.	\$503.00

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
BYT10718	Radio, Basic Package For use with serial number 329231 or greater. AM/FM/Weather Radio.	\$882.00
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
AT186307	Sun Visor	\$96.00
AT186288	Slow Moving Vehicle Emblem	\$115.00
AT187707	License Plate Bracket and Light	\$233.00
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
AT446496	License Plate Bracket Light not included.	\$59.00
AT339526	Machine Security K-Series and L-Series 210, 210 EP, 310, and 310 EP. Order software AT417184 from JDPoint.	\$431.00
AT186155	(2) External Rear View Mirrors	\$293.00
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
BYT10673	Heated Seat Kit	\$270.00

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.  
 Conversion kit can be used for cab configurations only.

BYT10672	Mechanical to Air Seat Suspension	\$816.00
	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.	
AT313589	Beacon/Strobe Ready Wiring Kit	\$35.00
	Kit for aftermarket Beacon or Strobe light Kit does not include Beacon	
AT192032	Operator Manual Tether Cables for ROPS or Cab	\$28.00

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

4462	Galaxy 19.5L - 24 in. 12 PR Rear & 12-16.5 R4 12PR Front	No Added Cost
	Requires axle code 3075. Rear tire chains require wheel spacers (AT347522).	
47G2	Custom Code - Michelin XMCL 500/70R24 REAR RADIALS w/ 305/70R16.5 BIBSTEEL AT	\$2,168.00
	Requires axle code 3075. Rear tire chains require wheel spacers (AT347522).	
47J9	Custom Code - Goodyear 19.5L x 24 10 PR Softrac II R-3 TURF rear w/ 12 x 16.5 10PR R-3 TURF front	\$726.00
	Requires axle code 3075. Rear tire chains require wheel spacers (AT347522).	
4484	Galaxy 580 Radial - 500/70R24 Rear & 340/80R18 Front	\$2,246.00
	Requires axle code 3065. Rear tire chains require wheel spacers (AT347522). Tire designed for hard surface roading and snow.	
4466	Galaxy 21L 24 in. 12 PR Rear & 12.5/80-18 10PR Front	\$1,827.00

Requires axle code 3065.  
Rear tire chains require wheel spacers (AT347522).

4464	Galaxy 19.5L - 24 in. 12 PR Rear & 12.5/80-18 10PR Front	\$440.00
	Requires axle code 3065. Rear tire chains require wheel spacers (AT347522).	

4891	Firestone 21L - 24 12PR & 12.5/80-18 12PR Traction Sure Grip Lug, Front	\$1,940.00
	92 Inches (2.33 M) overall width. Requires axle code 3065. Rear tire chains require wheel spacers (AT347522).	

4782	Michelin Radial - 500/70 R24 XMCL Rear & 340/80 R18 XMCL Front	\$3,671.00
	85 in. (2.16 m) overall width. Requires axle code 3065. Rear tire chains require wheel spacers (AT347522). Tire designed for hard surface roading and snow.	

4781	Firestone 19.5L - 24 In. 10 PR (R4) Tubeless Rear & 12.5/80 - 18 In. 12 PR Traction Front Sure Grip Lug Tires	\$621.00
	86 in. (2.18 m) overall width. Requires axle code 3065. Rear tire chains require wheel spacers (AT347522).	

4468	Galaxy 16.9-28 12PR Rear & 12.5/80 10PR Front	\$306.00
	Requires axle code 3065 or 3075. Rear tire chains require wheel spacers (AT347522).	

4482	Galaxy 550 Radial - 500/70R24 Rear & 340/80R18 Front	\$3,101.00
	Requires axle code 3065. Rear tire chains require wheel spacers (AT347522). Tire designed for hard surface roading and snow.	

44G6	Custom Code - Galaxy 21L 24 in. 12 PR Rear on HD Rim & 12.5/80-18 10PR Front	\$1,434.00
	Requires axle code 3065 or 3075. Rear tire chains require wheel spacers (AT347522).	

For use with 2 Wheel Drive

4446	Galaxy 19.5L - 24 in. 12 PR Rear & 12.5/80-18 12PR Front	\$442.00
	Requires axle code 3035. Rear tire chains require wheel spacers (AT347522).	

4450	Galaxy 19.5L - 24 in. 12 PR Rear & 14.5/75-16.1 16PR Front	\$442.00
	Requires axle code 3055. Requires axle code 3035. Rear tire chains require wheel spacers (AT347522).	



42C0	Custom Code - 19.5L X 24 10 PR Softrac II R-3 TURF (GY) w/ 12.5/80-18 12PR (Galaxy) Requires code 3035. Rear tire chains require wheel spacers (AT347522).	\$1,358.00
44D2	Custom Code - ALLIANCE 550 RADIAL 2WD - 550/70R24 REAR w/ 340/80R18 FRONT Requires code 3035. 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 3035. 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).	\$426.00

Wheels and Tires

Field Installed Attachments - Optional

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

Batteries

Basic Factory Options - Required

8625	Single Maintenance Free Battery 175 Minute Reserve Capacity (950 CCA) Recommended for use in ambient temperatures ABOVE 32 degrees F (0 degrees C).	No Added Cost
8635	Single Maintenance Free Battery With Disconnect and Jump Post 175 Minute Reserve Capacity (950 CCA) Recommended for use in ambient temperatures ABOVE 32 degrees F (0 degrees C).	\$257.00
8675	Dual Maintenance Free Batteries 350 Minute Reserve Capacity (1900 CCA). Recommended for temperatures below 32 degrees F (0 degrees C).	\$287.00
8685	Dual Maintenance Free Batteries With Disconnect and Jump Post 350 Minute Reserve Capacity (1900 CCA). Recommended for use in ambient temperatures BELOW 32 degrees F (0 degrees C).	\$544.00

## Lighting Field Installed Attachments - Optional

9905	Strobe Light with Magnetic Mount Light is shipped loose in the cab.	\$588.00
9116	LED Light Package Includes factory installed 2 LED spot lights and 8 LED flood lights in lieu of the standard halogen light package.	\$1,053.00

## Lighting Field Installed Attachments - Optional

AT445009	LED Flood Light Kit Includes 2 lights.	\$223.00
AT313592	6 inch Amber Warning Light with LED Beacon and Magnetic Roof Mounting Kit	\$267.00
AT445010	LED Spot Light Kit Includes 2 lights.	\$223.00

## BACKHOE

## Backhoe Dipperstick Basic Factory Options - Required

6010	Standard Dipperstick Standard stabilizer legs.	No Added Cost
6020	Extendible Dipperstick Standard stabilizer legs.	\$9,695.00

## Backhoe Auxiliary Hydraulics Basic Factory Options - Required

6210	No Auxiliary	No Added Cost
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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 Horn button integrated into pilot control levers.	\$2,665.00
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 Includes factory installed thumb cylinder mounting ears installed onto dipper. If factory installed thumb option required, order code 9230 - 37 inch tine.	No Added Cost
5410	DEERE Standard Quick Coupler - Less Thumb If ordering thumb, must order option 5411 or 5412. For use with 310E, G, J, K, L Series Backhoe Buckets. Not compatible with 310SE, SG, SJ, SK, SL; 410E, G, J, K, L buckets.	\$1,538.00
5411	DEERE Standard Quick Coupler - 37 Inch Thumb Ready 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 310E, G, J, K, L Series Backhoe Buckets. Not compatible with 310SE, SG, SJ, SK, SL; 410E, G, J, K, L buckets.	\$1,538.00
5412	DEERE Standard Quick Coupler - 42 Inch Thumb Ready 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 310E, G, J, K, L Series Backhoe Buckets. Not compatible with 310SE, SG, SJ, SK, SL; 410E, G, J, K, L buckets.	\$1,538.00
5420	Multi-Brand Quick Coupler - Less Thumb 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.	\$1,719.00

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.

Backhoe Buckets

Basic Factory Options - Required

For Deere buckets:  
 All buckets include lift holes.

5500 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 \$1,525.00  
 Bucket includes TK Teeth.

5554 24" (610mm) Wide - Regular - 6.5 Cu. Ft. (0.18 Cu. M.) Capacity Bucket \$1,636.00  
 Bucket includes TK Teeth.

5626 18" (457 mm) Wide, Heavy-Duty, 5.1 Cu. Ft. (0.14 Cu. M.) Capacity Bucket \$1,739.00  
 Bucket includes TK Teeth.

5630 Top Hook 18" (457 mm) Wide, Heavy-Duty, 5.1 Cu. Ft. (0.14 Cu. M.) Capacity Coupler Bucket \$1,825.00

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

5656 24" (610 mm) Wide, Heavy-Duty, 7.5 Cu. Ft. (0.21 Cu. M.) Capacity Bucket \$1,889.00  
 Bucket includes TK Teeth.

5660 Top Hook 24" (610 mm) Wide, Heavy-Duty, 8.8 Cu. Ft. (0.25 Cu. M.) Capacity Coupler Bucket \$2,035.00  
 Bucket includes TK Teeth.  
 Requires Code 5430 or 5432 Top Hook Coupler.

Backhoe Auxilliary Hydraulics

Field Installed Attachments - Optional

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90A1 Custom Code - ACCU-SWING \$670.00

9230 37 Inch Hydraulic Backhoe Thumb - 4 Tine \$9,201.00  
 Reference Bulletin 17BH08 for compatibility with couplers and buckets, and to determine necessary thumb length. Requires Two-way Auxiliary Hydraulics, code 6230. It does include plumbing for two-way auxiliary valve.

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. It does include plumbing for two-way auxiliary valve.

Stabilizer Legs

Field Installed Attachments - Optional

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

98A1 Custom Code - Long (Extended) Stabilizer Legs \$692.00

Backhoe Controls

Field Installed Attachments - Optional

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.

AT309739	Case Three Lever Controls with Foot Swing For units with code 5225.	\$1,407.00
AT185624	ISO (Deere) Two Lever Mechanical Controls Requires Right Pedal Kit, if equipped with Case controls and five function control valve. For units with code 5225.	\$512.00
AT301434	SAE Excavator Style Two Lever Controls	\$260.00
AT185629	Sixth Function Pedal for Lever Controls	\$387.00
AT309740	Case Three Lever Controls 5th Function Lever Kit Adds lever to Case 3 lever backhoe controls to operate auxiliary valve on Standard Dipperstick or operates Extendable Dipperstick..	\$198.00
Backhoe Quick Couplers		Field Installed Attachments - Optional
AT315337	Coupler, Top Hook Backhoe Bucket Mechanical 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.	\$1,223.00
AT336314	Coupler, Deere Backhoe Bucket 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.	\$1,410.00
AT336313	Coupler, Universal Backhoe Bucket 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.	\$1,442.00

Backhoe Buckets

Field Installed Attachments - Optional

AT437701	BKH Pin-on Bucket 24 in (610 mm) Severe Duty 7.5 Cu. Ft. (0.21 Cu. M.) Requires multi-brand quick coupler (AT336313 or option codes 5420, 5421 or 5422).	\$2,193.00
AT437363	BKH Top Hook Coupler Bucket 24 in. (610 mm) Heavy Duty 7.5 Cu. Ft. (0.21 Cu. M.)	\$1,741.00
AT437347	BKH Pin-on Bucket 12 In. (305 mm) Heavy-Duty 3.3 Cu. Ft. (0.09 Cu. M.)	\$1,304.00
AT437353	BKH Pin-on Bucket 30 In. (762 mm) Heavy-Duty 10.0 Cu. Ft. (0.28 Cu. M.)	\$2,018.00
AT437703	BKH Pin-on Bucket 30 In. (762 mm) Severe-Duty 10.0 Cu. Ft. (0.28 Cu. M.) Requires multi-brand quick coupler (AT336313 or option codes 5420, 5421 or 5422).	\$2,403.00
AT437348	BKH Pin-on 18 In. (457 mm) Standard Duty 4.6 Cu. Ft. (0.13 Cu. M.)	\$1,188.00
AT437351	BKH Pin-on Bucket 24 In. (610 mm) Heavy-Duty 7.5 Cu. Ft. (0.21 Cu. M.)	\$1,554.00
AT437362	BKH Top Hook Coupler Bucket 18 in. (457 mm) Heavy Duty 5.1 Cu. Ft. (0.14 Cu. M.)	\$1,561.00
AT437349	BKH Pin-on 18 In. (457 mm) Heavy-Duty 5.1 Cu. Ft. (0.14 Cu. M.)	\$1,477.00
AT437350	BKH Pin-on 24 In. (610 mm) Standard Duty 6.5 Cu. Ft. (0.18 Cu. M.)	\$1,399.00
AT437361	BKH Top Hook Coupler Bucket 12 in. (305 mm) Heavy Duty 3.3 Cu. Ft. (.09 Cu. M.)	\$1,307.00
AT437702	BKH Pin-on Bucket 24 in (610 mm) Severe Duty 8.8 Cu. Ft. (0.25 Cu. M.) Requires multi-brand quick coupler (AT336313 or option codes 5420, 5421 or 5422).	\$2,264.00

Stabilizer Legs

Field Installed Attachments - Optional

AT376410	Heavy Duty Stabilizer Pads	\$467.00
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AT376409	Standard Stabilizer Street Pads	\$234.00
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Attachments & Accessories	Field Installed Attachments - Optional
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AT308138	Forks, Pallet (2) 48 in.(1.22m) with 60 in. (1.52m) Coupler Fork Carriage	\$4,084.00
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BYT10286	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.	\$7,993.00
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BYT10284	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.	\$7,869.00
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AT308139	Forks, Pallet (2) 60 in.(1.52m) with 60 in. (1.52m) Coupler Fork Carriage	\$4,652.00
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FRONT LOADER

Loader Buckets	Basic Factory Options - Required
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Loader Buckets include Skid Plates and Lift Hooks unless stated otherwise.

Pin-On Loader Buckets

7615	1.12 Cu. Yd. (0.86 Cu. M) Long-Lip Bucket with Bolt On Cutting Edge and no Skid Plates	\$2,834.00
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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
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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 Requires code 7025 or 7080.	\$3,946.00
7675	1.25 Cu. Yd. (.96 Cu. M.), 86 in.(2.18 m) wide Multipurpose Bucket Requires Code 7080 Aux. Loader Hydraulics Includes reversible bolt-on cutting edge and skid plates. Includes reversible cutting edge for moldboard and back of clamshell. Pre-drilled for seven teeth. Order teeth from parts. Includes two lift holes. Includes reversible cutting edge for moldboard and back of clamshell.	\$8,785.00
	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
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.	
7025	Two-Function Loader Hydraulics, Single Lever Single lever loader control with electric clutch disconnect.	No Added Cost
7035	Loader Coupler, 2-Function Hydraulics, Single Lever Includes Manual Ride Control, option 9110. Single lever loader control with electric clutch disconnect. 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, and electro-hydraulic auxiliary control. For 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 Manual Ride Control, Option 9110. Single lever loader control with electric clutch disconnect, momentary MFWD, and electro-hydraulic auxiliary control.	\$9,974.00

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

Loader Controls		Field Installed Attachments - Optional
9110	Manual Ride Control	\$1,988.00
Loader Buckets		Field Installed Attachments - Optional
BYT10701	LDR Pin-on Multipurpose Bucket 1.25 Cu. Yd. (.96 Cu. M.) 86 in. (2.18 m) 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.	\$7,513.00
BYT10700	LDR Pin-on Multipurpose Bucket 1.00 Cu. Yd. (.76 Cu. M.) 82 in. (2.08 m) 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.	\$6,446.00
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
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
AT308071	LDR Pin-on Bucket 1.12 Cu. Yd. (.86 Cu. M.) Heavy Duty 86 in. (2.18 m) wide Includes Reversible Bolt On Cutting Edge and Skid Plates.	\$3,689.00
AT308040	LDR Pin-on Bucket 1.0 cu. yd. (.76 cu. m) Heavy Duty 86 in. (2.18 m) wide with Skid Plates	\$3,064.00
AT336927	Loader Coupler Attachment Adapter Hook Plates (2) Standard	\$1,934.00

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.

AT431165 Manual Ride Control Valve Kit \$829.00  
 For use on Backhoes with Serial Numbers through 390994. Also requires plumbing kit AT452094 to complete installation. This kit allows you to install manual ride control.

AT301485 Sixth Function Pedal for Pilot Controls \$319.00

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

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% (310L) or +29.7% (310L EP)
- Extendable..... -4.1%
- Backhoe Coupler..... -1.8%
- Backhoe Attachment over 600 lbs..... -2.0%
- Multi-Purpose Loader Bucket..... +7.3%
- Loader Coupler..... +5.0%
- Non-Powered 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 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
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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
BYT10255	Counterweight, Front, 1,000 lbs (454 kg) Use with (4) T119912 AND (4) 19M9124.	\$1,388.00
BYT10251	Counterweight, Front, 450 lbs (204 kg) Use with (4) T119912 AND (4) 19M9124.	\$621.00
BYT10254	Counterweight, Front, 750 lbs (340 kg) Use with (4) T119912 AND (4) 19M9124.	\$1,008.00

BYT10256 Counterweight, Front, 1,250 lbs (567 kg) \$1,794.00  
Use with (4) T119912 AND (4) 19M9124.

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 \$7,231.00  
Net Peak Power of 100 Hp.  
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.  
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  
110 Volt (1000 Watts). Requires Dual Batteries code 8675 or 8685.

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

BYT11589 Fluid Sampling Ports \$498.00  
 Not available on Stage II (Tier 2) engines.  
 For use on Backhoes with a Serial Number 390995 and Higher.

BYT11568 Pre-Cleaner, Engine Air Intake \$1,064.00  
 Aspiration style pre-cleaner using engine exhaust to scavenge debris from air filter intake.

MISCELLANEOUS

Guards Field Installed Attachments - Optional

9190 Backhoe Boom Protection Plate \$602.00

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 Requires MFWD and 12.5/80-18 or 340/80R-18 front tires.	\$723.00
AT407513	Backhoe Boom Protection Plate	\$608.00
AT388473	Wheel Fender Kit for 16.5 in. tires only Requires MFWD and 305/70D16.5 or 12-16.5 front tires.	\$738.00
AT438402	KIT, FULL MFWD GUARD	\$280.00
AT305073	Stabilizer Cylinder Guards (Set of Two)	\$314.00
AT434236	Rubber Bumper for Grille Frame	\$192.00
BYT11926	Heavy-Duty Grille Screen Kit Compatible with L-Series Backhoe Loaders.	\$561.00
Miscellaneous		Field Installed Attachments - Optional
AT194493	BKH Power Link Grease Kit	\$56.00

BYT10312	Stop Kit, Field Kit - Pilot Tower Stow	\$26.00
AT408903	Mounting kit for multi-purpose (ABC) Dry Chemical Fire Extinguisher Kit Does not Include Fire Extinguisher.	\$100.00
AT451194	Pivotable Beacon Bracket	\$104.00
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 Kit is not compatible with the factory MWFD guard (option code 9505) or the MFWD field kit (BYT11208).	\$1,880.00
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HYDRAULICS

Hydraulics Field Installed Attachments - Optional

AT448428	Hand Held Hydraulics 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.	\$464.00
AT448429	Auxiliary Hydraulic Selective Flow Control Kit	\$1,259.00



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.

AT320497	Sixth Function Control Valve Section (Without Circuit Reliefs) for Pilot Controls  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.	\$1,686.00
AT455847	Auxiliary Loader Control Valve w/3 Function Hydraulics - 1 Lever for Multipurpose Bucket and Front Attachments For use on Backhoes with a Serial Numbers below 292974. Must order applicable Software Part Number in JDPoint for Field Kit to function properly.	\$4,112.00
AT431340	Accu-Swing Kit for Backhoe  Includes two circuit reliefs, fittings, clamps and hardware. Installation instructions T210751.	\$492.00
AT192334	Sixth Function Control Valve Section (Without Circuit Reliefs) for Manual Controls  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.	\$1,379.00
BYT11010	Hydraulic Plumbing, Bulk Head to Deere Thumb Cylinder - Standard Dipperstick  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.	\$88.00
AT431294	Auxiliary Plumbing for Selective Flow - Extendible Dipperstick  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.	\$687.00
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.	\$384.00

Dealer must supply 0.5 inch (12.7 mm) ID hoses from bucket cylinder hydraulic couplers to auger.

BYT11006	Auxiliary Backhoe Hydraulic Plumbing Kit, Two-Way Proportional Flow - Standard Dipperstick For use with serial numbers after 338468. 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.) Requires unit to have unused 5th, 6th or 7th 2 way hydraulic functions. 310L EP, 310L, 310SL controlled by foot pedal. 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
AT431293	Auxiliary Plumbing for Selective Flow - Standard Dipperstick 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.	\$610.00
BYT11016	Auxiliary Backhoe Hydraulic Plumbing Kit, Two-Way Proportional Flow - Extendable Dipperstick For use with serial numbers after 338468. 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.) Requires unit to have unused 5th, 6th or 7th 2 way hydraulic functions. 310L EP, 310L, 310SL controlled by foot pedal. 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.	\$597.00
BYT11011	Hydraulic Plumbing, Bulk Head to Deere Thumb Cylinder - Extendable Dipperstick 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.	\$88.00
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
AT192247	Fifth Function Control Valve Section (Without Circuit Reliefs)	\$1,461.00
BYT10277	Loader Coupler, Hydraulic For use on Backhoes with a Serial Number 304845 and Higher.	\$5,748.00
BYT11684	Auxiliary Loader Control Valve w/3 Function Hydraulics - 1 Lever for Multipurpose Bucket and Front Attachments	\$4,112.00

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For use on 310L EP (0A51T) and 310L (0A61T) Backhoes.

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

If machine is not equipped with pilot controls and backhoe propotional auxilliary, also order:

AT431208 Auxiliary Valve Controller (AVC)

AT432173 Wiring Harness

14M7303 Nut (Qty 4)

19M7775 Cap Screw M6 x 16 (Qty 4)

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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.