



Current Date 03Jan2020

310SL HL BACKHOE LOADER

310SL HL Standard

Equipment

COOLING SYSTEM:

Engine Radiator

Engine Coolant -40 Degrees

F (-40C)

Coolant Recovery Take with

Low Level Indicator

Oil-to-Water Engine Oil

Cooler

Fold-Out, Hinged Cooling

System

High Ambient Temperature

Engine Coolant

POWERTRAIN:

Powershift Transmission with

Torque Converter

Electronic Transmission

controller with on-board
diagnostics

Single Electric Transmission

Control Lever

(Forward/Neutral/Reverse)

with integrated gear

selection & horn

Vertical Spin-on transmission

Filter

Auto Shutdown

Planetary Final Drives

Differential Lock, Foot Switch

Activated, Protection On/Off

Mechanical Limited Slip Front

Wheel Drive

Hydrostatic Power Steering

with Emergency Manual

Mode

Power-Assisted Hydraulic

Service Brakes Inboard, Wet

Disc,

Self-Adjusting and Self-

Equalizing (Conforms to ISO

3450)

Parking/Emergency Brake:

Independent of Service

Brakes (Conforms to

ISO 3450) Spring Applied,

Hydraulically Released, Wet

Retracted)

Backhoe Transport Lock

Lever

Swing Locking Pin Stored in

Op. Station

Hydraulic Pilot Controls

Reversible Pad Stabilizer

Feet with integrated lock

Stabilizer Two-Direction

Anti-Drift Valves

Less Bucket with Bucket Pins

LOADER:

Return-To-Dig Feature

Bucket Level Indicator

Hydraulic Self-Leveling (anti-

spill)

Single Lever Control with

Electric Clutch Cut-off Switch

Less Bucket with Bucket Pins

Loader Boom Service Lock

High-Visibility Loader Arms

ELECTRICAL:

12 Volt System

120 Amp Alternator (canopy)

(4) Front Drive/Work, (4)

Rear Work and (2) side

docking halogen

lights (32,500 Candlepower

Each) (2) Front and (2) Rear

Turn

Signal/Flashing

(2) Rear Stop and Tail

(2) Rear Reflectors

Single Battery with 180

Minute reserve Capacity and

925 CCA

Blade Type Multi-Fused

Circuits

By-Pass Start Safety Cover

on Starter

Positive Terminal Battery

Cover

OPERATOR STATION:

Modular Design ROPS/FOPS

Level 2 Canopy Isolation

Mounted with Molded

Lumbar Adjustments

Arm Rests

3 In. Seat Belt with

Retractor

Engine Coolant Temperature

Gauge

Fuel Gauge

Transmission Oil

Temperature Gauge

Electric Monitor System with

Audible and Visual Warning:

Air Cleaner restriction

Low Alternator Voltage

Engine Oil Pressure

Hydraulic Filter Restriction

Park Brake On-Off

Seat Belt

Engine Coolant Temperature

Transmission Oil

Temperature

Fuel

Electric Hourmeter/

Tachometer / Voltmeter

Sealed Switch Module

Keyless Start

Machine Security

12 Volt Outlets (2)

Horn

Interior Rearview Mirror

Rotary Hand Throttle

Suspended Foot Throttle

Built-In Operator's Manual

Storage Compartment Built-

In Cup Holder,

Coat Hook

Lockable Right-Side Storage

OVERALL VEHICLE:

(2) Front and (2) Rear built-

In tie Downs

One Piece Unitized

Construction Mainframe

Extended Grille Frame

Dent Resistant Rear Fenders

Vandal Protection Locking

for:

Engine Hood

| | | |
|---|--|--|
| Multi-Disc HYDRAULICS: 42 GPM (159 L/m) Axial Piston Pump - Closed Center / PCLS Hydraulic 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 BACKHOE: 14 Ft. 10 In. (4.51 m) Digging Depth (Extendible Dipperstick, | Roof (Conforms to SAE J1040) Left and Right Side Access Molded Floor Mat and Headliner 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 | Monitor Tool Box Fuel Tank Hydraulic Reservoir 37 Gal. (140L) Fuel Tank Reverse Warning Alarm 21L - 24 In. 12 PR (R4) Tubeless Rear and 12.5/80 - 18 In. 10 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 |
|---|--|--|

Required - *You must select one from each category*

▼ BASE MACHINE

Ex-Works Dubuque,Iowa, United States of America

As not all option codes have field kits, please review your order option codes and available kits prior to placing a machine order.

| Description | Code | Price |
|-------------------------|-------|--------------|
| 310SL HL BACKHOE LOADER | 0A80T | \$120,780.00 |

▼ MACHINE CONNECTIVITY

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

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

| Description | Code | Price |
|-------------------------------------|------|---------------|
| JDLINK Ultimate 5 Year Subscription | 170C | No Added Cost |

Includes JDLINK hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and now includes all Ultimate Connectivity features - Wireless Data Transfer (WDT) enabling automatic data transfer from TimberMatic and Waratah H16 Measuring Systems to TimberManager and MyJohnDeere, supporting TimberOffice 5 Software. Additionally, Ultimate now includes Limited Internet features supporting optional ForestSight Solutions such as advance mapping systems and Remote Display Access (RDA) features supported by TeamViewer applications. JDLINK utilizes cellular and satellite technology infrastructure that is outside the control of John Deere. Changes to that infrastructure may require customers to purchase compatible JDLINK hardware to restore functionality. Includes 5 year subscription. Annual subscription

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

| | | |
|--|------|------------|
| JDLink Ultimate Dual 5 Year Subscription | 170J | \$2,233.00 |
|--|------|------------|

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

. Use of this service, and all rights and obligations of John Deere and the Customer (as identified in the applicable agreement), are governed by the terms and conditions outlined in the applicable Services and Software agreements available at www.JohnDeere.com/Agreements. If these terms and conditions are not agreeable do not proceed and do not use the service.



OPERATOR'S MANUAL AND DECALS

| Description | Code | Price |
|---|------|---------------|
| English Decals with English Operator and Safety Manuals | 2401 | No Added Cost |

English decals installed and English operator's manual.
Requires engine code 1065.

| | | |
|---|------|---------------|
| English Decals with Spanish Decals and Manuals Seperate | 2403 | No Added Cost |
|---|------|---------------|

English decals installed with Spanish decal packet included with English and Spanish operator's manual.
Requires engine code 1065.

| | | |
|--|------|---------------|
| English Decals with French Decals and Manuals Seperate | 2404 | No Added Cost |
|--|------|---------------|

Requires engine code 1065.
English decals installed with French decal packet included with English and French operator's manual.



FRONT AXLE AND TRANSMISSION

| Description | Code | Price |
|-------------|------|--------------|
| | 3035 | (\$9,601.00) |

2 Wheel Drive Powershift Transmission

With 5F/3R Powershift Transmission.

Includes torque converter with electrically actuated twist grip TCL in 1st through 5th gears.

| | | |
|--|------|---------------|
| Mechanical Front Wheel Drive (MFWD) with Limited Slip Differential | 3065 | No Added Cost |
|--|------|---------------|

5F/3R Powershift Transmission.

Includes torque converter with electrically actuated twist grip TCL in 1st through 5th gears.

| | | |
|---|------|------------|
| Mechanical Front Wheel Drive (MFWD) with Limited Slip Differential Autoshift Transmission | 3095 | \$2,955.00 |
|---|------|------------|

5F/3R Autoshift Transmission.

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



WHEELS AND TIRES

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.

| Description | Code | Price |
|--|------|---------------|
| <u>For use with MFWD</u> | | |
| Galaxy 580 Radial - 500/70R24 Rear & 340/80R18 Front | 4484 | \$2,246.00 |
| Requires axle code 3065 or 3095. Tire designed for off-road operation. | | |
| Galaxy 21L 24 in. 12 PR Rear & 12.5/80-18 10PR Front | 4466 | \$1,389.00 |
| Requires axle code 3065 or 3095. Rear tire chains require wheel spacers. | | |
| Galaxy 19.5L - 24 in. 12 PR Rear & 12.5/80-18 10PR Front | 4464 | No Added Cost |
| Requires axle code 3065 or 3095. Rear tire chains require wheel spacers. | | |
| Firestone 21L - 24 12PR & 12.5/80-18 12PR Traction Sure Grip Lug, Front | 4891 | \$1,980.00 |
| 92 Inches (2.33 M) overall width. Requires axle code 3065 or 3095. Rear tire chains require wheel spacers. | | |
| Michelin Radial - 500/70 R24 XMCL Rear & 340/80 R18 XMCL Front | 4782 | \$3,671.00 |
| 85 in. (2.16 m) overall width. Requires axle code 3065 or 3095. Rear tire chains require wheel spacers. | | |
| | 4781 | \$621.00 |

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 3065 or 3095.
Rear tire chains require wheel spacers.

| | | |
|--|------|------------|
| Galaxy 550 Radial - 500/70R24 Rear & 340/80R18 Front | 4482 | \$3,101.00 |
|--|------|------------|

Requires axle code 3065 or 3095.
Tire designed for hard surface roading and snow.

| | | |
|--|------|------------|
| Custom Code - Galaxy 21L 24 in. 12 PR Rear on HD Rim & 12.5/80-18 10PR Front | 44G6 | \$1,134.00 |
|--|------|------------|

Requires axle code 3065 or 3095.

| | | |
|---|------|------------|
| Custom Code - Goodyear 16.9 x 28 10PR R-4 TL IT525 with 12.5/80 x 18 14PR I-3 | 47D8 | \$1,002.00 |
|---|------|------------|

Requires axle code 3065 or 3075.

For use with 2 Wheel Drive

| | | |
|---|------|---------------|
| Galaxy 21L 24 12PR Rear & 12.5/80-18 12PR Front | 4444 | No Added Cost |
|---|------|---------------|

Requires axle code 3035.
Rear tire chains require wheel spacers.

| | | |
|--|------|---------|
| Galaxy 19.5L - 24 in. 12 PR Rear & 12.5/80-18 12PR Front | 4446 | \$66.00 |
|--|------|---------|

Requires axle code 3035.
Rear tire chains require wheel spacers.

| | | |
|--|------|----------|
| Galaxy 19.5L - 24 in. 12 PR Rear & 14.5/75-16.1 16PR Front | 4450 | \$442.00 |
|--|------|----------|

| | | |
|---|------|---------------|
| Galaxy 21L 24 12PR Rear & 14.5/75-16.1 16PR Front | 4452 | No Added Cost |
|---|------|---------------|

Requires axle code 3035.
Rear tire chains require wheel spacers.

| | | |
|---|------|------------|
| Custom Code - 19.5L X 24 10 PR Softrac II R-3 TURF (GY) w/ 12.5/80-18 12PR (Galaxy) | 42C0 | \$1,134.00 |
|---|------|------------|

Requires code 3035.

| | | |
|---|------|------------|
| Custom Code - ALLIANCE 550 RADIAL 2WD - 550/70R24 REAR w/ 340/80R18 FRONT | 44D2 | \$3,247.00 |
|---|------|------------|

| | | |
|--|------|----------|
| Custom Code - Goodyear 16.9/28 10PR R-4 TL IT525 w/ 12.5/80 x 18 14PR I-3. | 47D6 | \$603.00 |
|--|------|----------|

44 Lugs/rear tire.
Sure Grip Lug front tires.
This tire is for 2WD only.



OPERATOR'S STATION

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

Canopy (ROPS/FOPS)

2015 No Added Cost

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

Cab

2035 \$13,243.00

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

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

BATTERIES

| Description | Code | Price |
|---|------|---------------|
| Single Battery, 150 Minute Reserve Capacity (950 CCA) | 8625 | No Added Cost |
| Recommended for use in ambient temperatures ABOVE 32 degrees F (0 degrees C). | | |
| Single Battery With Disconnect and Jump Post | 8635 | \$257.00 |
| Recommended for use in ambient temperatures ABOVE 32 degrees F (0 degrees C). | | |
| Dual Maintenance Free Batteries | 8675 | \$287.00 |
| 300 Minute Reserve Capacity (1900 CCA). Recommended for temperatures below 32 degrees F (0 degrees C). | | |
| | 8685 | \$544.00 |

Dual Maintenance Free Batteries With Disconnect and Jump Post

Recommended for use in ambient temperatures BELOW 32 degrees F (0 degrees C).

BACKHOE DIPPERSTICK

| Description | Code | Price |
|------------------------------------|------|---------------|
| Standard Dipperstick | 6010 | No Added Cost |
| Includes extended stabilizer legs. | | |
| Extendible Dipperstick | 6020 | \$8,365.00 |
| Extended stabilizer legs. | | |

BACKHOE AUXILIARY HYDRAULICS

| Description | Code | Price |
|---|------|---------------|
| No Auxiliary | 6210 | No Added Cost |
| Auxiliary Hydraulic with One Way Flow (Hammer) | 6220 | \$4,087.00 |
| Includes plumbing to end of dipperstick. | | |
| Auxiliary Hydraulic with One & Two Way Flow (Hammer & Thumb/Swinger) | 6230 | \$6,225.00 |
| Includes factory installed plumbing to end of dipperstick for one and two way flow valve. | | |

BACKHOE CONTROLS

| Description | Code | Price |
|--|------|------------|
| Pilot Controls, Two Lever, with Pattern Selection | 5285 | \$2,665.00 |
| Proportional Auxiliary control and extendible dipperstick controlintegrated into pilot control levers. | | |

BACKHOE QUICK COUPLERS

| Description | Code | Price |
|---|------|---------------|
| Less Coupler | 5400 | No Added Cost |
| DEERE Standard Quick Coupler | 5410 | \$1,265.00 |
| For use with 310SE, SG, SJ, SK, SL; 410E, G,J, K, L backhoe buckets. Not compatible with 310E, G, J, K, L Series Backhoe Buckets. | | |
| Multi-Brand Quick Coupler | 5420 | \$1,437.00 |
| For use with DEERE C, D, SE, SG, SJ, SK, SL & SL HL Series buckets and with Case K, L, M and CAT C Series Buckets. Not for use with 710 Buckets. Not compatible with Case N-Series. | | |

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

| | | |
|---|------|------------|
| Top Hook Quick Coupler | 5430 | \$1,153.00 |
| For use with DEERE Top Hook Coupler bucket codes 5630 or 5660 and CP or Pre-XLS Wain Roy Top Hook Bucket. | | |
| New Series Multi-Brand Quick Coupler | 5440 | \$1,484.00 |
| For use with CAT D,E, F, Case K-L-M, and DEERE SE, SG, SJ, SK, SL & SL HL Series backhoe buckets except high-capacity buckets and 710 buckets. Not compatible with Case N-Series. | | |
| Universal Coupler - Pin-grabber style coupler (non-hydraulic) | 5450 | \$2,837.00 |
| For use with DEERE C, D, SE, SG, SJ, SK, SL & SL HL Series buckets and with Case K, L, M, N and CAT C, D, E & F Series Buckets. Not for High Capacity Buckets and 710 Buckets. | | |
| Rear Hydraulic Coupler for Pin-on Buckets | 5460 | \$7,518.00 |
| 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 & 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. | | |
| Rear Spring Type Quick Coupler | 5480 | \$3,162.00 |
| 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. | | |



BACKHOE BUCKETS

For Deere buckets:
All buckets include lift holes.

| Description | Code | Price |
|---|------|---------------|
| Less Backhoe Bucket with Bucket Pins | 5600 | No Added Cost |
| 12 In. (305 mm) Wide Bucket, 3.3 Cu. Ft. (0.09 Cu. M.) Capacity Buckets | 5616 | \$1,131.00 |
| Bucket includes TK Teeth. | | |
| 18" (457 mm) Wide, Heavy-Duty, 5.1 Cu. Ft. (0.14 Cu. M.) Capacity Bucket | 5626 | \$1,345.00 |
| Bucket includes TK Teeth. | | |
| Top Hook 18" (457 mm) Wide, Heavy-Duty, 5.1 Cu. Ft. (0.14 Cu. M.) Capacity Coupler Bucket | 5630 | \$1,313.00 |
| Bucket includes TK Teeth. Requires Code 5430 Top Hook Coupler. | | |

| | | |
|--|------|------------|
| 24" (610 mm) Wide, Heavy-Duty, 7.5 Cu. Ft. (0.21 Cu. M.) Capacity Bucket | 5656 | \$1,370.00 |
|--|------|------------|

Bucket includes TK Teeth.

| | | |
|---|------|------------|
| Top Hook 24" (610 mm) Wide, Heavy-Duty, 8.8 Cu. Ft. (0.25 Cu. M.) Capacity Coupler Bucket | 5660 | \$1,820.00 |
|---|------|------------|

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

| | | |
|---|------|------------|
| 24" (610 mm) Wide, Severe-Duty, 7.5 Cu. Ft. (0.21 Cu. M.) Capacity Bucket | 5658 | \$1,801.00 |
|---|------|------------|

Bucket includes TK Teeth.

| | | |
|--|------|------------|
| 24" (610 mm) Wide, Heavy-Duty, 8.8 Cu. Ft. (0.25 Cu. M.) Capacity Bucket | 5676 | \$1,875.00 |
|--|------|------------|

Bucket includes TK Teeth.

| | | |
|---|------|------------|
| 24" (610 mm) Wide, Severe-Duty, 8.8 Cu. Ft. (0.25 Cu. M.) Capacity Bucket | 5678 | \$2,050.00 |
|---|------|------------|

Bucket includes TK Teeth.

▼ LOADER CONTROLS

All selections come with Return to Dig feature.

| Description | Code | Price |
|--|------|---------------|
| Two-Function Loader Hydraulics, Single Lever | 7025 | No Added Cost |

Single lever loader control with electric clutch disconnect and momentary MFWD.

| | | |
|---|------|------------|
| Loader Coupler, 2-Function Hydraulics, Single Lever | 7035 | \$6,829.00 |
|---|------|------------|

Includes Ride Control
Cannot be used with Code 9110 Ride Control
Will accept G, J, K, and L-Series loader coupler buckets
Single lever loader control with electric clutch disconnect and momentary MFWD.

| | | |
|--|------|------------|
| Three-Function Loader Hydraulics, Single Lever | 7080 | \$3,268.00 |
|--|------|------------|

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.

| | | |
|---|------|------------|
| Loader Coupler, 3-Function Hydraulics, Single Lever | 7085 | \$9,974.00 |
|---|------|------------|

Single lever loader control with electric clutch disconnect, momentary MFWD, transmission quick-shift, and electro-hydraulic auxiliary control.
Includes Ride Control.
Not for use with Code 9110 Ride Control
For multi-purpose coupler bucket and front attachments.
Includes valve with circuit relief and .5 in. (12.7 mm) hoses and steel lines

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

LOADER BUCKETS

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.

| Description | Code | Price |
|---|------|---------------|
| Less Loader Bucket with Pins for Buckets or Front Attachments | 7600 | No Added Cost |

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

Pin-On Loader Buckets

Not compatible with 7035 and 7085 Loader Hydraulics.

| | | |
|--|------|------------|
| 1.3 Cu. Yd. (1.0 Cu. M.) 92 in. (2.34 m) Wide Heavy Duty Long Lip Bucket with Bolt on Cutting Edge and Skid Plates | 7645 | \$3,424.00 |
|--|------|------------|

| | | |
|---|------|------------|
| 1.32 Cu. Yd. (1.0 Cu. M.), 92 in. (2.34 m) Wide, Multipurpose Bucket with Bolt On Teeth | 7687 | \$7,200.00 |
|---|------|------------|

Requires Code 7075 or 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.

| | | |
|---|------|------------|
| 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 | 7635 | \$3,264.00 |
|---|------|------------|

| | | |
|---|------|------------|
| 1.25 Cu. Yd. (.96 Cu. M.) 86 in. (2.18 m) Wide Long Lip Bucket with Factory Skid Plates | 7640 | \$3,110.00 |
|---|------|------------|

Does not include Bolt-On Cutting Edges or Additional Skid Shoes.

| | | |
|--------------------------|------|------------|
| Wide Multipurpose Bucket | 7685 | \$7,593.00 |
|--------------------------|------|------------|

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.

| | | |
|---|------|------------|
| 1.5 Cu. Yd. (1.15 Cu. M.), 92 in. (2.34 m.) wide Heavy Duty Long Lip Bucket with Bolt-On Cutting Edge and Skid Plates | 7655 | \$3,667.00 |
|---|------|------------|

92 in. (2.34 m.) wide.
Includes reversible bolt-on cutting edge and skid plates.
Includes two lift holes.

| | | |
|---|------|------------|
| Custom Code - 1.30 CU YD MP Bucket with BOCE (4-in-1) and Flip over Fork Kit - Installation Ready | 76A1 | \$7,825.00 |
|---|------|------------|

Requires 7075 or 7080.
Flip over forks not included. Please order field kit: AT366494.

Coupler Loaders Buckets

Requires codes 7035 or 7085 Loader Coupler

| | | |
|--|------|---------------|
| Less Coupler Bucket | 7605 | No Added Cost |
| 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 | 7650 | \$3,522.00 |
| 1.32 Cu. Yd. (1.0 Cu. M.), 92 in. (234 mm) wide Multipurpose Coupler Bucket | 7690 | \$7,821.00 |
| Requires Code 7085, Aux. Loader Coupler Hydraulics. Requires Code 8415, Counterweight. Cannot be used with code 8475 or 8485 Counterweight. 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. | | |
| 1.5 Cu. Yd. (1.15 Cu. M.), 92 in. (2.34 m.) wide Heavy Duty Long Lip Coupler Bucket w/ Bolt-On Cutting Edge & Skid Plates | 7660 | \$3,667.00 |
| 92 in. (2.34 m.) wide. Includes reversible bolt-on cutting edge and skid plates. Includes two lift holes. | | |

COUNTERWEIGHT

310SL HL COUNTERWEIGHT SELECTION CHART

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

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

Base..... +25.3%
 Backhoe Coupler..... -1.5%
 Backhoe Attachment over 600 lbs..... -2.0%
 Multi-Purpose Loader Bucket..... +5.9%
 Loader Coupler..... +4.4%
 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 Extendable dipper, Canopy, Mechanical Front Wheel Drive, Standard Loader bucket, and a Standard Backhoe bucket.

| Description | Code | Price |
|--|------|---------------|
| Front Cover - For Machines Without a Front Counterweight | 8410 | No Added Cost |

| | | |
|--|------|------------|
| Heavy-Duty Bumper - For Machines Without a Front Counterweight | 8415 | \$223.00 |
| 450 Lb. (204 kg) Front Counterweight | 8425 | \$615.00 |
| 750 Lb. (340 kg) Front Counterweight | 8455 | \$998.00 |
| 1000 Lb. (454 kg) Front Counterweight | 8475 | \$1,374.00 |
| 1250 Lb. (567 kg) Front Counterweight | 8485 | \$1,758.00 |



ENGINE

| Description | Code | Price |
|---|------|-------------|
| John Deere PowerTech Plus 4.5L (276 Cu. In.) Engine Meets Final Tier 4 and Stage IV Emissions | 1065 | \$13,254.00 |

With Net Peak Power of 110 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.
Cooled Exhaust Gas Recirculation.
Serpentine Belt with Automatic Belt Tensioner.
Enclosed Safety Fan Guard.
Vertical Spin-On Engine Oil Filter.
Spin-On Fuel Filter with Water Separator.
Dual Safety Element Dry-Type Air Cleaner with Evacuator Valve.
Underhood Catalysts with Vertical Curved Exhaust Stack.
Passive flow-through Exhaust Aftertreatment system Glow plugs.
Electronically controlled, variable-speed cooling fan.

Optional - *Select as desired*



OPERATOR'S STATION

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.

| Description | Code | Price |
|--|------|------------|
| Front View Mirror | 9060 | \$82.00 |
| Headliner - Canopy | 9117 | \$149.00 |
| Tilt Steering - Canopy | 9118 | \$561.00 |
| Heavy-Duty Grill Frame | 9120 | \$555.00 |
| Left Side Console Storage with Cup Holders | 9210 | \$81.00 |
| Radio, Bosch Premium Package | 9916 | \$1,356.00 |
| AM/FM/Weather Radio, Bluetooth capable with microphone, 3.5mm auxiliary input, USB input, roof power port, roof storage compartment. | 9917 | \$873.00 |

Radio, Bosch Basic Package

AM/FM/Weather Radio

| | | |
|-------------------------------------|------|------------|
| Sun Visor | 9919 | \$95.00 |
| Exterior Rear View Mirrors (2) | 9920 | \$343.00 |
| Seat, Cloth Air-Suspension | 9965 | \$503.00 |
| For enclosed Cab. | | |
| Seat, Cloth Air-Suspension - Heated | 9970 | \$994.00 |
| For enclosed Cab. | | |
| Seat, Vinyl Air-Suspension | 9975 | \$503.00 |
| For open ROPS or enclosed Cab. | | |
| Custom Code - Less A/C | 98C0 | (\$622.00) |



LIGHTING

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



BACKHOE AUXILIARY HYDRAULICS

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.

| Description | Code | Price |
|--------------------------|------|----------|
| Custom Code - ACCU-SWING | 90A1 | \$603.00 |



THUMB

| Description | Code | Price |
|---|------|------------|
| 37 Inch Hydraulic Backhoe Thumb - 4 Tine | 9230 | \$5,697.00 |
| 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. | | |
| 42 Inch Hydraulic Backhoe Thumb - 4 Tine | 9235 | \$5,780.00 |
| 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

| Description | Code | Price |
|----------------------------|------|----------|
| Heavy-Duty Stabilizer Pads | 9947 | \$462.00 |

Laminated and reinforced rubber, compressed on edge within the steel shoe for improved durability and wear performance.

LOADER CONTROLS

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.

| Description | Code | Price |
|--------------|------|------------|
| Ride Control | 9110 | \$1,988.00 |

| | | |
|---------------------------------|------|----------|
| Custom Code - Auto Ride Control | 91C0 | \$852.00 |
|---------------------------------|------|----------|

Requires 7035, 7085 or 9110.

ENGINE

| Description | Code | Price |
|--------------------------|------|----------|
| Chrome Exhaust Extension | 9045 | \$178.00 |

| | | |
|-----------------------|------|----------|
| Engine Coolant Heater | 9080 | \$172.00 |
|-----------------------|------|----------|

OIL SAMPLING PORTS

| Description | Code | Price |
|-------------------------------|------|----------|
| Diagnostic Oil Sampling Ports | 9515 | \$207.00 |

Requires code engine code 1085 or 1065.
Includes 4 ports:
Engine oil
Engine coolant
Transmission oil
Hydraulic oil.

HYDRAULIC OIL

| Description | Code | Price |
|---|------|----------|
| Hydraulic Fluid - Hydrau XR Synthetic Oil | 9088 | \$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).

GUARDING

| Description | Code | Price |
|----------------------------|------|----------|
| Full MFWD Driveshaft Guard | 9505 | \$428.00 |

PAINT AND RUST PROTECTION

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

| | | |
|------------------------------------|------|----------|
| Non-Export Rust Preventive Coating | 9909 | \$172.00 |
|------------------------------------|------|----------|

Coating protects exposed unpainted surfaces from road salt during shipment.

ATTACHMENTS FOR FIELD CONVERSION

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

All attachments are sold as a quantity of one.

| Description | Code | Price |
|---|----------|------------|
| Attachments & Accessories | | |
| 37 Inch Hydraulic Backhoe Thumb - 4 Tine | BYT10285 | \$6,583.00 |
| 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. | | |
| 42 Inch Hydraulic Backhoe Thumb - 4 Tine | BYT10287 | \$6,665.00 |
| 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. | | |
| Backhoe New Series Multi-Brand Quick Coupler | AT393558 | \$1,484.00 |
| For use with DEERE C-D-SE-SG-SJ-SK-SL Series buckets and with Case K-L-M and Cat D and E Series Buckets Buckets, High Capacity Buckets and 710J Buckets. Spacers are recommended for CAT and Case buckets, refer to dealer bulletin 07BH08. | | |
| Coupler, Deere Backhoe Bucket | AT336316 | \$1,443.00 |
| Fits 310SE, 310SG, 310SJ, 410E, 410G, 410J, 410TJ backhoes. For use with 310SE, 310SG, 310SJ, 410E, 410G, 410J, 410TJ backhoe buckets Proper counterweighting is required. See Counterweight Selection Chart. Recommend Backhoe Boom Bolt-on Protection Plate. | | |
| Coupler, Multi-Brand Universal Backhoe Bucket | AT336315 | \$1,437.00 |
| For use with CAT B & C Series, Case K-L-M and DEERE SE,SG & SJ Series backhoe buckets except High Capacity Buckets and 710 Buckets. Recommend AT179130 high-strength pin for 300D-510D and 210C-610C 18-36 Inch Buckets Proper counterweighting is required. See Counterweight Selection Chart. Recommend Backhoe Boom Bolt-on Protection Plate. Spacers are recommended for CAT and Case buckets, refer to dealer bulletin 07BH08. | | |
| Coupler, Rear Hydraulic for Pin-On Buckets, Standard Dipperstick | BYT10288 | \$6,532.00 |

For use on 310SL HL and 410L with a Serial Number of 303524 and Higher. Requires Valve Plumbing Kit BYT10078. Bucket Compatibility: 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 Bulletins 17BH09 and 16BH17 for bucket compatibility and SSM information.

| | | |
|----------------------------------|----------|------------|
| Coupler, Top Hook Backhoe Bucket | AT324292 | \$1,087.00 |
|----------------------------------|----------|------------|

Fits on 410G, 410J, 410TJ, 310SG, 310SJ, 310TJ Backhoes.
For use with Top Hook backhoe bucket from Deere, CP, and Pre-XLS Wain Roy
Recommend Backhoe Boom Bolt-on Protection Plate.
Proper counterweighting is required. See 310SJ or 410J Counterweight Selection Chart.

| | | |
|--|----------|------------|
| Coupler, Universal - Pin-grabber style (non-hydraulic) | AT343629 | \$2,837.00 |
|--|----------|------------|

Fits John Deere 310SE, 310SG, 310SJ, 310TJ, 410E, 410G, 410J, 410TJ backhoes
For use with DEERE C-D-E-G-J Series buckets and with Case K-L-M and CAT C-D-E Series Buckets.
Not for High Capacity Buckets and 710 Buckets.
Proper counterweighting is required. See Counterweight Selection Chart.
Recommend Backhoe Boom Bolt-on Protection Plate.

| | | |
|----------------------------|----------|----------|
| Heavy Duty Stabilizer Pads | AT376410 | \$462.00 |
|----------------------------|----------|----------|

| | | |
|---------------------------------------|----------|----------|
| Jump Start and Battery Disconnect Kit | AT437905 | \$245.00 |
|---------------------------------------|----------|----------|

| | | |
|-------------------------------|----------|------------|
| Multi-Purpose Flip-Over Forks | AT366494 | \$3,379.00 |
|-------------------------------|----------|------------|

| | | |
|--------------------------|----------|----------|
| Pivotable Beacon Bracket | AT451194 | \$103.00 |
|--------------------------|----------|----------|

| | | |
|---------------------------------|----------|----------|
| Standard Stabilizer Street Pads | AT376409 | \$232.00 |
|---------------------------------|----------|----------|

Attachments & Accessories

| | | |
|---|----------|------------|
| Coupler, Rear Hydraulic for Pin-On Buckets, includes valve and plumbing, Extendable Dipperstick | BYT10078 | \$1,069.00 |
|---|----------|------------|

Used in the installation process of Rear Hydraulic Coupler BYT10289.

| | | |
|--|----------|------------|
| Coupler, Rear Hydraulic for Pin-on Buckets, Extendable Dipperstick | BYT10289 | \$6,532.00 |
|--|----------|------------|

For use on 310SL HL and 410L with a Serial Number of 303524 and Higher.
Requires Valve Plumbing Kit BYT10078.
Bucket Compatibility: 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 Bulletins 17BH09 and 16BH17 for bucket compatibility and SSM information.
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 & 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.

| | | |
|---|----------|------------|
| Coupler, Rear Spring Type Quick Coupler | BYT10333 | \$3,162.00 |
|---|----------|------------|

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.

Backhoe Buckets

| | | |
|---|----------|------------|
| BKH Pin-on Bucket 18 In. (457 mm) Heavy-Duty 5.1 Cu. Ft. (0.14 Cu. M.) | AT437340 | \$1,345.00 |
| BKH Pin-on Bucket 24 In. (610 mm) Heavy-Duty 8.8 Cu. Ft. (0.25 Cu. M.) | AT437344 | \$1,593.00 |
| BKH Pin-on Bucket 30 In. (762 mm) Heavy-Duty 10.0 Cu. Ft. (0.28 Cu. M.) | AT437345 | \$1,670.00 |
| BKH Pin-on Bucket 36 In. (914 mm) Ditching 12.5 Cu. Ft. (0.35 Cu. M.) | AT437616 | \$1,578.00 |

Buckets

| | | |
|---|----------|------------|
| 1.25 Cu. Yd. (0.96 Cu. M.), 92 in. (2.34 m) bucket wide Multipurpose Bucket | BYT10705 | \$6,598.00 |
|---|----------|------------|

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.

| | | |
|--|----------|------------|
| BKH Pin-On Bucket 24 In. (610 mm) Heavy Duty 7.5 Cu. Ft. (0.21 Cu. M.) | AT437343 | \$1,465.00 |
| BKH Pin-On Bucket 24 In. (610 mm) Standard-Duty 7.5 Cu. Ft. (0.21 Cu. M.) | AT437342 | \$1,403.00 |
| BKH Pin-on Bucket 12 In. (305 mm) Heavy-Duty 3.3 Cu. Ft. (0.09 Cu. M.) | AT437338 | \$1,118.00 |
| BKH Pin-on Bucket 18 in (457 mm) Severe Duty 5.1 Cu. Ft. (0.14 Cu. M.) | AT437700 | \$1,555.00 |
| BKH Pin-on Bucket 24 in (610 mm) Severe Duty 7.5 Cu. Ft. (0.21 Cu. M.) | AT437701 | \$1,947.00 |
| BKH Pin-on Bucket 24 in (610 mm) Severe Duty 8.8 Cu. Ft. (0.25 Cu. M.) | AT437702 | \$1,996.00 |
| BKH Pin-on Bucket 36 In. (914 mm) Heavy-Duty 12.5 Cu. Ft. (0.35 Cu. M.) | AT436333 | \$2,465.00 |
| BKH Top Hook Coupler Bucket 12 in. (305 mm) Heavy Duty 3.3 Cu. Ft. (.09 Cu. M.) | AT437361 | \$1,088.00 |
| BKH Top Hook Coupler Bucket 18 in. (457 mm) Heavy Duty 5.1 Cu. Ft. (0.14 Cu. M.) | AT437362 | \$1,313.00 |
| BKH Top Hook Coupler Bucket 24 in. (610 mm) Heavy Duty 7.5 Cu. Ft. (0.21 Cu. M.) | AT437363 | \$1,472.00 |
| LDR Coupler Bucket 1.0 Cu. Yd. (.76 Cu. M.) Heavy Duty 86 in. (2.18 m) wide | AT308991 | \$2,960.00 |

Includes Reversible Bolt On Cutting Edge with Skid Plates.

| | | |
|--|----------|------------|
| LDR Coupler Bucket 1.13 Cu. Yd. (.86 Cu. M.) Heavy Duty 86 in. (2.18 m) wide Long Lip | AT308970 | \$3,155.00 |
|--|----------|------------|

Includes Reversible Bolt On Cutting Edge and Skid Plates.

| | | |
|--|----------|------------|
| LDR Coupler Bucket 1.25 Cu. Yd. (.96 Cu. M.) Heavy Duty 86 in. (2.18 m) wide Long Lip | AT308968 | \$2,916.00 |
|--|----------|------------|

Does not include Bolt-On Cutting Edges or Skid Plates.

| | | |
|--|----------|------------|
| LDR Coupler Bucket 1.32 Cu. Yd. (1.0 cu. m) Heavy Duty 92 in. (2.34 m) Long Lip | AT308966 | \$3,608.00 |
|--|----------|------------|

Includes Reversible Bolt On Cutting Edge and Skid Plates.

| | | |
|---|----------|------------|
| LDR Coupler Multi-Purpose Bucket 1.32 Cu. Yd. (1.0 cu. m) 92 in. (2.34 m) | BYT10708 | \$7,199.00 |
|---|----------|------------|

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.
92 in. (2.3 m) bucket width.
Includes reversible bolt-on cutting edge with skid plates.
Pre-drilled for eight teeth.
Includes two built-in lift loops.
Order teeth from parts.
Includes two lift holes.
Proper counterweight is required.
See Counterweight Selection Chart.

| | | |
|---|----------|------------|
| LDR Pin-On Bucket 1.32 Cu. Yd. (1.0 Cu. M.) Heavy Duty Long Lip Bucket | AT308080 | \$3,297.00 |
|---|----------|------------|

92 in. (2.34 m) wide.
Includes reversible bolt-on cutting edge with skid plates.
* Includes two lift holes.

| | | |
|--|----------|------------|
| LDR Pin-on Bucket 1.12 Cu. Yd. (.86 Cu. M.) Heavy Duty 86 in. (2.18 m) wide | AT308071 | \$3,169.00 |
|--|----------|------------|

Includes Reversible Bolt On Cutting Edge and Skid Plates.

| | | |
|--|----------|------------|
| LDR Pin-on Bucket 1.2 Cu.Yd. (.90 Cu. M.) Narrow 82 in. (2.08 m) Heavy-Duty Long Lip Narrow and Skid Plates | AT308188 | \$2,636.00 |
|--|----------|------------|

| | | |
|--|----------|------------|
| LDR Pin-on Bucket 1.25 Cu. Yd. (.96 Cu. M.) Heavy Duty 86 in. (2.18 m) Long Lip and Skid Plates | AT308076 | \$2,915.00 |
|--|----------|------------|

| | | |
|---|----------|------------|
| LDR Pin-on Multi-Purpose Bucket 1.32 Cu. Yd. (1.0 Cu. M.), 92 in. (2.34 m) wide | BYT10703 | \$6,656.00 |
|---|----------|------------|

Includes Reversible Bolt On Cutting Edges and Skid Plates.
Includes reversible cutting edge for moldboard and back of clamshell.
Requires Code 7075, or 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.

LDR Pin-on Multipurpose Bucket 1.00 Cu. Yd. (.76 Cu. M.) 82 in. (2.08 m) BYT10700 \$5,726.00

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.

LDR Pin-on Multipurpose Bucket 1.25 Cu. Yd. (.96 Cu. M.) 86 in. (2.18 m) BYT10701 \$6,640.00

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.

Loader Coupler Attachment Adapter Hook Plates (2) Standard AT336927 \$1,824.00

Frame Attachment

Counterweight, Front, 1,000 lbs (454 kg) BYT10255 \$1,374.00

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

Counterweight, Front, 1,250 lbs (567 kg) BYT10256 \$1,776.00

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

Counterweight, Front, 250 lbs (113 kg) AT409592 \$539.00

If adding to the 450 lb. (204 KG) counterweight, order (4) T151797, (2) 19M9088, AND (2) 14M7291.
For 750 lb. (340 KG), 1000 lb. (454 KG) and 1250 lb. (567 KG) counterweights, order (2) T151797 and (2) 19M8976

Counterweight, Front, 450 lbs (204 kg) BYT10251 \$615.00

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

Counterweight, Front, 750 lbs (340 kg) BYT10254 \$998.00

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

Front Attachments

Forks, Pallet (2) 60 in.(1.52m) with 60 in. (1.52m) Coupler Fork Carriage AT308139 \$3,700.00

Forks, Pallet (2) 48 in.(1.22m) with 60 in. (1.52m) Coupler Fork Carriage AT308138 \$3,522.00

Guards

Backhoe Boom Protection Plate AT333753 \$602.00

Bolt on or weld to underside of backhoe boom.
Recommended for rental, lease, thumbs/clamps, swingers, jaw buckets,
and non-Deere attachments on couplers.

| | | |
|--|----------|----------|
| KIT, FULL MFWD GUARD | AT438402 | \$277.00 |
| MFWD Wheel Fender Kit for 18 in. tires only | AT371257 | \$716.00 |
| Requires MFWD and 12.5/80-18 or 340/80R-18 front tires. | | |
| Stabilizer Cylinder Guards (Set of Two) | AT305073 | \$311.00 |
| <u>Hydraulics</u> | | |
| 1-Way (Select Flow) Auxiliary Hydraulics Bulkhead - Bucket Cylinder Mounted | BYT11079 | \$214.00 |
| 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. | | |
| Accu-Swing Kit for Backhoe | AT431340 | \$487.00 |
| Includes two circuit reliefs, fittings, clamps and hardware. Installation instructions T210751. | | |
| Auxiliary Backhoe Hydraulic Plumbing Kit, Two-Way Proportional Flow - Extendable Dipperstick | BYT11018 | \$591.00 |
| For use with serial numbers after 338456. 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. 310SL HL and 410L controlled by thumb roller in pilot joystick. 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. | | |
| Auxiliary Backhoe Hydraulic Plumbing Kit, Two-Way Proportional Flow - Standard Dipperstick | BYT11014 | \$591.00 |
| For use with serial numbers after 338456. 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. 310SL HL and 410L controlled by thumb roller in pilot joystick. Quick connect couplers and jumper hoses from bulkhead to attachment not included. If installing hydraulic thumb, additional thumb plumbing kit is required (BYT11010). Please reference DTAC Solution 115211. | | |
| Auxiliary Backhoe Hydraulic Plumbing Kit, Two-Way for Thumb, Clamp, Swinger or Jaw Bucket | AT448592 | \$657.00 |
| For use with serial numbers prior to 338456. Plumbing from the backhoe valve out to the bulk head bracket. | | |

Includes two circuit reliefs, fittings, clamps and hardware.
 Requires Dealer to make eight hoses per installation instructions.
 Requires additional plumbing to the selected attachment.
 Not required with factory thumb installation codes 9230 and 9235.

| | | |
|--|----------|----------|
| Auxiliary Backhoe Hydraulics for Auger, Extendible Dipperstick | AT450466 | \$380.00 |
|--|----------|----------|

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

| | | |
|--|----------|------------|
| Auxiliary Loader Control Valve with 3 Function Hydraulics - Single Lever | AT431168 | \$4,917.00 |
|--|----------|------------|

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.
 If machine is not equipped with pilot controls and backhoe propotional auxiliary, also order:
 AT431208 Auxiliary Valve Controller (AVC)
 AT432173 Wiring Harness
 14M7303 Nut (Qty 4)
 19M7775 Cap Screw M6 x 16 (Qty 4)

| | | |
|--|----------|------------|
| Auxiliary Loader Control Valve with 3 Function Hydraulics - Single Lever | AT463723 | \$4,917.00 |
|--|----------|------------|

For use on Backhoes with Serial Numbers 292974 and Higher.
 L-Series backhoes except the 310L and 310L EP 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 auxiliary, also order:
 AT431208 Auxiliary Valve Controller (AVC)
 AT432173 Wiring Harness
 14M7303 Nut (Qty 4)
 19M7775 Cap Screw M6 x 16 (Qty 4)

| | | |
|--|----------|----------|
| Auxiliary Plumbing for Selective Flow - Extendible Dipperstick | AT456673 | \$680.00 |
|--|----------|----------|

Plumbing for auxiliary hydraulics.
 Average installation, 2 hours.
 Requires Extendible Dipperstick.
 Requires AT431167 Selective Flow Control Kit.
 Includes boom and dipperstick hydraulic lines, and hardware for attaching hoses and lines from the selective flow valve section to end of Dipperstick.
 Required for hammers, compactors, high or low flow motor attachments mounted on end of Dipperstick.

| | | |
|--|----------|------------|
| Controlled Lowering Device for Backhoe Boom Cylinder | AT431164 | \$2,707.00 |
|--|----------|------------|

| | | |
|----------------------|----------|----------|
| Hand Held Hydraulics | AT448428 | \$459.00 |
|----------------------|----------|----------|

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.

| | | |
|---|----------|------------|
| Hydraulic Plumbing, Bulk Head to Deere Thumb Cylinder - Extendable Dipperstick | BYT11011 | \$87.00 |
| <p>For use with serial numbers after 338468. Must be configured with 6230 or 6240 or BYT11016, BYT11017, 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, 310L, 310SL controlled by foot pedal. 310SL HL and 410L controlled by thumb roller in pilot joystick. For installation instructions, please reference DTAC Solution 115211.</p> | | |
| Hydraulic Plumbing, Bulk Head to Deere Thumb Cylinder - Standard Dipperstick | BYT11010 | \$87.00 |
| <p>For use with serial numbers after 338468. Must be configured with 6230 or 6240 or BYT11006, BYT11007, 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, 310L, 310SL controlled by foot pedal. 310SL HL and 410L controlled by thumb roller in pilot joystick. For installation instructions, please reference DTAC Solution 115211.</p> | | |
| K-Series Style Loader Control Grip Kit | AT450437 | \$425.00 |
| Loader Coupler, Hydraulic | BYT10278 | \$5,691.00 |
| <p>For use on Backhoes with a Serial Number 304845 and Higher. L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.</p> | | |
| Loader Coupler, Hydraulic | BYT10279 | \$7,763.00 |
| <p>For use on Backhoes with a Serial Number 304845 and Higher. L-Series backhoes must order applicable Software Part Number in JDPoint for Field Kit to function properly.</p> | | |
| Loader Coupler, Hydraulic | AT431166 | \$7,763.00 |
| <p>For use on Backhoes with a Serial Numbers below 304845. L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.</p> | | |
| Selective Flow Control Kit (1 way flow for use with hammer or compactor) | AT431167 | \$1,742.00 |
| <p>Selective flow control to the backhoe valve for switch control of auxiliary hydraulics.</p> | | |
| Sixth Function Valve Kit (2 way flow for thumb swinger or grapple) | AT431161 | \$3,018.00 |
| <p>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: AT431208 Auxiliary Valve Controller (AVC) AT432173 Wiring Harness</p> | | |

14M7303 Nut (Qty 4)
19M7775 Cap Screw M6 X 16 (Qty 4)

Miscellaneous

| | | |
|-----------------------------|----------|----------|
| Auto Ride Control Valve Kit | AT449593 | \$564.00 |
|-----------------------------|----------|----------|

For use on Backhoes with a Serial Number 303524 and Higher. Valve and mounting plate. If machine does not have manual ride control also order plumbing AT452094. This kit allows you to upgrade manual ride control to auto ride control. L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.

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

Operator Environment

| | | |
|--|----------|----------|
| Canopy (ROPS/FOPS) to Quarter Cab Conversion Kit | BYT10250 | \$401.00 |
|--|----------|----------|

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.

| | | |
|-----------------|----------|----------|
| Heated Seat Kit | BYT10673 | \$267.00 |
|-----------------|----------|----------|

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.

| | | |
|-----------------------------------|----------|----------|
| Mechanical to Air Seat Conversion | BYT10670 | \$808.00 |
|-----------------------------------|----------|----------|

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.

| | | |
|-----------------------------------|----------|----------|
| Mechanical to Air Seat Suspension | BYT10672 | \$808.00 |
|-----------------------------------|----------|----------|

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.

| | | |
|---|----------|---------|
| Mounting kit for multi-purpose (ABC) Dry Chemical Fire Extinguisher | AT408903 | \$99.00 |
|---|----------|---------|

Kit Does not Include Fire Extinguisher.

| | | |
|---|----------|---------|
| Operator Manual Tether Cables for ROPS or Cab | AT192032 | \$28.00 |
|---|----------|---------|

| | | |
|---------------------|----------|----------|
| Radio Auxiliary kit | AT451676 | \$288.00 |
|---------------------|----------|----------|

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.

| | | |
|--|----------|------------|
| Radio, Basic Package | BYT10718 | \$873.00 |
| For use with serial number 329231 or greater. AM/FM/Weather Radio. | | |
| Radio, Basic Package | BYT11384 | \$873.00 |
| For use with serial numbers prior to 329231. AM/FM/Weather Radio. | | |
| Radio, Premium Package | BYT10717 | \$1,356.00 |
| 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. | | |
| Radio, Premium Package | BYT11385 | \$1,356.00 |
| 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. | | |
| Sun Visor | AT186307 | \$95.00 |
| <u>Overall Vehicle</u> | | |
| (2) External Rear View Mirrors | AT186155 | \$290.00 |
| 6 inch Amber Warning Light with LED Beacon and Magnetic Roof Mounting Kit | AT313592 | \$264.00 |
| Beacon/Strobe Ready Wiring Kit | AT313589 | \$35.00 |
| Kit for aftermarket Beacon or Strobe light Kit does not include Beacon | | |
| Environmental Drain Kit | AT393180 | \$589.00 |
| Fluid Sampling Ports | AT433274 | \$493.00 |
| Not available on Stage II (Tier 2) engines. | | |
| LED Flood Light Kit | AT445009 | \$221.00 |
| Includes 2 lights. | | |
| LED Spot Light Kit | AT445010 | \$221.00 |
| Includes 2 lights. | | |
| License Plate Bracket | AT446496 | \$58.00 |
| Light not included. | | |
| License Plate Bracket and Light | AT187707 | \$231.00 |
| Pre-Cleaner, Engine Air Intake | AT431062 | \$1,053.00 |
| Aspiration style pre-cleaner using engine exhaust to scavenge debris from air filter intake. | | |

| | | |
|---|----------|----------|
| Rear Wheel Spacers for Rear Tire Chains | AT347522 | \$979.00 |
| Rear Wiring Harness for Hammer, Auto Greaser | BYT10330 | \$178.00 |
| Harness that enables installation of an auto greaser (primarily for hammer use). | | |
| Rubber Bumper for Grille Frame | AT434236 | \$190.00 |
| Slow Moving Vehicle Emblem | AT186288 | \$114.00 |
| Ride Control | | |
| Manual Ride Control Valve Kit | AT431165 | \$821.00 |
| L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly. Must order AT452094 Ride Control Plumbing Kit to complete installation. This kit allows you to install manual ride control. | | |
| Ride Control Plumbing Kit | AT452094 | \$701.00 |
| Harness, plumbing, and accumulator for ride control. Must order valve and mounting plate separately. | | |



REFERRAL ATTACHMENTS

| Description | Code | Price |
|---|----------|------------|
| G.r.mfg. | | |
| G.R. Manufacturing, Inc. * Kits listed below must be ordered through John Deere. * F.O.B. Trussville, Alabama * All kits include installation instructions * All warranty, repair parts, technical support and assistance, and sales support and assistance will be the responsibility of G.R. Manufacturing, Inc., and will be handled directly between the Dealer and G.R. Manufacturing, Inc. G.R. Manufacturing, Inc. 4800 Commerce Drive Trussville, Alabama 35173 Phone: (800)841-8001 Fax: (205)655-8005 | | |
| Guard, Transmission Bottom | AT441379 | \$1,622.00 |