

**JOHN DEERE**

Current Date 06Jan2021

310L EP BACKHOE LOADER

310L EP Standard Equipment

ENGINE:

Yanmar 4TNV98CT 3.3L
Turbocharged Engine
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.
Cartridge Style Fuel Filter
with Water Separator and a
Final Spin-On
Fuel Filter.
Dual Safety Element Dry-
Type Air Cleaner with
Evacuator Valve.
Glow Plugs.
Viscous type, variable-speed
cooling fan.
COOLING SYSTEM:
Engine Radiator
Engine Coolant -40 Degrees
F (-40C)
Coolant Recovery Tank
Cooling Fan with Fan Guard
Oil-to-Water Engine Oil
Cooler
Oil to Air Hydraulic Oil Cooler
Oil to Air Transmission Oil
Cooler
Fold-Out Hinged Cooling
System
High Ambient Temperature
Engine Coolant
POWERTRAIN:
Synchro Shuttle
Transmission with Torque
Converter
Manual Transmission Shift
Lever with Clutch Disconnect
Switch
Vertical Spin-on
Transmission Filter

ISO 3450) Spring Applied,
Hydraulically Released, Wet
Multi-Disc
HYDRAULICS:
34 GPM (128 L/m) Axial-
Piston Pump - Open Center
Dedicated Hydraulic
Reservoir
6 Micron Vertical Spin-On
Filter
"O" Ring Face Seal
Connectors
Circuit Relief Valve
Protection
Economy Mode
BACKHOE:
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
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
130 Amp Alternator
(2) front driving/working

SAE J185)
Seat, Vinyl Cover with
Adjustable Seat:
Suspension for
Weight/Height
Fore-Aft
Flip-up Arm Rests (tool
required for adjustment)
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 &
Temperature
Hydraulic Filter Restriction
Low Brake Pressure
Seat Belt Indicator
Transmission Oil
Temperature
Fuel
Hourmeter / Tachometer /
Voltmeter
Machine Diagnostics
Key Start Switch with
Electric Fuel Shut-Off
Horn (1 - side console)
Interior Rearview Mirror
Rotary Hand Trottle
Suspended Foot Throttle
12 Volt Outlets (1)
Operator's Manual Storage
Compartment
Integrated Cup Holder with
form fitting rubber insert
Lockable Right Hand Storage
Coat Hook
OVERALL VEHICLE:

Electric Transmission Control Lever (Forward/Neutral/Reverse) On-board Transmission 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	halogen lights - 32,500 Candlepower Each (2) rear working halogen lights - 32,500 Candlepower Each (4) turn signal/flashing/rear stop tail lights - 2 front and rear (2) rear reflectors Single Battery with 180 Minute reserve Capacity and 925 CCA Blade Type Multi-Fused Circuits By-Pass Start Safety Cover on Starter Positive Terminal Battery Cover OPERATOR STATION: Modular-design ROPS/FOPS (Level 2) canopy with molded roof (meets ISO 3449 and ISO 3471/SAE J1040): Isolation mounted Left and Right Side Access Slip Resistant Steps and Ergonomically Located Handholds (Conforms to	(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 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 Tilt Hood with (2) Service Positions JDLink Ultimate
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Required - You must select one from each category

BASE MACHINE

Description	Code	Price
310L EP BACKHOE LOADER	0A51T	\$114,637.00

Configuration includes Yanmar 4TNV98CT turbocharged, 3.3L displacement engine. IT4 certified engine at 69 net peak hp complies with CARB and EPAs FT4 emission regulations.

4 Cylinder In-line, Cast in Block-type, 2 Valve/Cylinders, Turbocharged Engine.
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.
Cartridge Style Fuel Filter with Water Separator and a Final Spin-On Fuel Filter.
Dual Safety Element Dry-Type Air Cleaner with Evacuator Valve.
Glow Plugs.
Viscous type, variable-speed cooling fan.



OPERATOR'S MANUAL AND DECALS

Description	Code	Price
	2401	No Added Cost

English Decals with English Operator and Safety Manuals

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

English Decals with Spanish Decals and Manuals Separate 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 Separate 2404 No Added Cost

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

 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
No JDLINK Ultimate	1734	(\$2,461.00)

Less JDLINK Hardware and Software.

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.

FRONT AXLE AND TRANSMISSION

Description	Code	Price
2 Wheel Drive with Synchro Shuttle Transmission	3055	(\$8,406.00)

4F/4R manual transmission with clutch disconnect on shift lever.
F/N/R control lever on left hand steering column.

Mechanical Front Wheel Drive (MFWD) with Open Differential	3075	No Added Cost
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4F/4R manual transmission with clutch disconnect on shift lever.
F/N/R control lever on left hand steering column.

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.
Standard Mechanical Suspension, Vinyl, Swivel Seat and Arm Rests, Fully Adjustable.

3 inch Orange Seat Belt with retractor.

Molded floor mats is optional.

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

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

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

(2) rear reflectors

Cab	2035	\$11,983.00
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Isolation mounted Modular design ROPS/FOPS Level 2 (meets ISO 3449 & ISO 3471 / SAE J1040) Molded roof.

Tinted safety glass.

Deluxe interior trim.

Headliner.

Molded floor mats.

Less radio (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.
 Standard Mechanical Suspension, Vinyl, Swivel Seat 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, Machine Security).

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. DMAC can also provide assistance in referring Dealers to aftermarket options for customized attachments and field kit installations.

Description	Code	Price
<u>For use with MFWD</u>		
Galaxy 19.5L - 24 in. 12 PR Rear & 12-16.5 R4 12PR Front	4462	No Added Cost
Requires axle code 3075. Rear tire chains require wheel spacers (AT347522).		
Custom Code - Michelin XMCL 500/70R24 REAR RADIALS w/ 305/70R16.5 BIBSTEEL AT	47G2	\$2,521.00
Requires axle code 3075. Rear tire chains require wheel spacers (AT347522).		
<u>For use with 2 Wheel Drive</u>		
Galaxy 19.5L - 24 in. 12 PR Rear & 14.5/75-16.1 16PR Front	4450	\$442.00
Requires axle code 3055. Rear tire chains require wheel spacers (AT347522).		

BATTERIES

Description	Code	Price
Single Maintenance Free Battery	8625	No Added Cost
175 Minute Reserve Capacity (950 CCA) Recommended for use in ambient temperatures ABOVE 32 degrees F (0 degrees C).		
Single Maintenance Free Battery With Disconnect and Jump Post	8635	\$257.00
175 Minute Reserve Capacity (950 CCA) Recommended for use in ambient temperatures ABOVE 32 degrees F (0		

degrees C).
Requires Toolbox, option 9050.

Dual Maintenance Free Batteries	8675	\$287.00
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350 Minute Reserve Capacity (1900 CCA).
Recommended for temperatures below 32 degrees F (0 degrees C).

Dual Maintenance Free Batteries With Disconnect and Jump Post	8685	\$544.00
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350 Minute Reserve Capacity (1900 CCA).
Recommended for use in ambient temperatures BELOW 32 degrees F (0 degrees C).
Requires Toolbox, option 9050.

BACKHOE DIPPERSTICK

Description	Code	Price
Standard Dipperstick	6010	No Added Cost

Standard stabilizer legs.

Extendible Dipperstick	6020	\$9,695.00
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Standard stabilizer legs.

BACKHOE AUXILIARY HYDRAULICS

Description	Code	Price
No Auxiliary	6210	No Added Cost

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

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

BACKHOE CONTROLS

Description	Code	Price
Mechanical Controls, Two Lever, ISO (DEERE)	5225	No Added Cost

Pilot Controls, Two Lever, with Pattern Selection	5285	\$2,665.00
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Horn button integrated into pilot control levers.

BACKHOE QUICK COUPLERS

Description	Code	Price
Less Coupler - Less Thumb	5400	No Added Cost

If ordering with thumb, must order option code 5401.

5401	No Added Cost
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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.

DEERE Standard Quick Coupler - Less Thumb	5410	\$1,465.00
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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.

DEERE Standard Quick Coupler - 37 Inch Thumb Ready	5411	\$1,465.00
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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.

DEERE Standard Quick Coupler - 42 Inch Thumb Ready	5412	\$1,465.00
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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.

Multi-Brand Quick Coupler - Less Thumb	5420	\$1,637.00
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If ordering coupler with thumb, requires option code 5421 or 5422.
For use with DEERE C, D, SE, SG, SJ, SK, SL & SL HL Series buckets and with Case K, L, M and CAT C Series Buckets.
Not for use with 710 Buckets.
Not compatible with Case N-Series.

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

Multi-Brand Quick Coupler - 37 Inch Thumb Ready	5421	\$1,637.00
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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.

Multi-Brand Quick Coupler - 42 Inch Thumb Ready	5422	\$1,637.00
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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.

Top Hook Quick Coupler - Less Thumb	5430	\$1,353.00
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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.

Top Hook Quick Coupler - 42 Inch Thumb Ready	5432	\$1,353.00
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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

For Deere buckets:
All buckets include lift holes.

Description	Code	Price
Less Backhoe Bucket with Bucket Pins	5500	No Added Cost

12" (305 mm) Wide Bucket, 3.3 Cu. Ft. (0.09 Cu. M.) Capacity Buckets	5616	\$1,131.00
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Bucket includes TK Teeth.

24" (610mm) Wide - Regular - 6.5 Cu. Ft. (0.18 Cu. M.) Capacity Bucket	5554	\$1,345.00
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Bucket includes TK Teeth.

18" (457 mm) Wide, Heavy-Duty, 5.1 Cu. Ft. (0.14 Cu. M.) Capacity Bucket	5626	\$1,345.00
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Bucket includes TK Teeth.

Top Hook 18" (457 mm) Wide, Heavy-Duty, 5.1 Cu. Ft. (0.14 Cu. M.) Capacity Coupler Bucket	5630	\$1,313.00
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Bucket includes TK Teeth.
Requires Code 5430 Top Hook Coupler.

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

Top Hook 24" (610 mm) Wide, Heavy-Duty, 8.8 Cu. Ft. (0.25 Cu. M.) Capacity Coupler Bucket	5660	\$1,820.00
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Bucket includes TK Teeth.
Requires Code 5430 or 5432 Top Hook Coupler.

LOADER BUCKETS

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

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

1.12 Cu. Yd. (0.86 Cu. M) Long-Lip Bucket with Bolt On Cutting Edge and no Skid Plates	7615	\$2,699.00
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 Bolt On Cutting Edge and Skid Plates	7641	\$3,110.00

Requires code 7025 or 7080.

1.25 Cu. Yd. (.96 Cu. M.), 86 in.(2.18 m) wide Multipurpose Bucket	7675	\$7,434.00
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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.

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

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.		
Loader Coupler, 2-Function Hydraulics, Single Lever	7035	\$6,829.00
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		
Three-Function Loader Hydraulics, Single Lever	7080	\$3,268.00

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.

Loader Coupler, 3-Function Hydraulics, Single Lever	7085	\$9,974.00
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Includes Manual Ride Control, Option 9110.
Single lever loader control with electric clutch disconnect, momentary MFWD, and electro-hydraulic auxiliary control.
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.

COUNTERWEIGHT

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.

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

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. DMAC can also provide assistance in referring Dealers to aftermarket options for customized attachments and field kit installations.

Description	Code	Price
Toolbox	9050	\$140.00
Front View Mirror	9060	\$82.00
Machine Security	9095	\$454.00
User-defined codes to enable start of machine.		
Headliner - Canopy	9117	\$149.00
Tilt Steering - Canopy	9118	\$561.00
Floor Mat - Canopy	9119	\$374.00
Left Side Console Storage with Cup Holders	9210	\$81.00
Custom Code - Less A/C	98C0	(\$992.00)
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.		
Radio, Bosch Basic Package	9917	\$873.00
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.		

 LIGHTING

Description	Code	Price
Strobe Light with Magnetic Mount	9905	\$588.00
Light is shipped loose in the cab.		
	9150	\$1,053.00


LED Light Package

Includes factory installed 2 LED spot lights and 4 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. DMAC can also provide assistance in referring Dealers to aftermarket options for customized attachments and field kit installations.

Description	Code	Price
Custom Code - ACCU-SWING	90A1	\$670.00
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

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.

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

 LOADER CONTROLS

Description	Code	Price
Manual Ride Control	9110	\$1,988.00

 ENGINE

Description	Code	Price
Chrome Exhaust Extension	9045	\$178.00
Engine Coolant Heater	9080	\$172.00
110 Volt (1000 Watts). Requires Dual Batteries code 8675 or 8685.		

 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).

▼ GUARDS

Description	Code	Price
Backhoe Boom Protection Plate	9190	\$602.00
Full MFWD Driveshaft Guard	9505	\$428.00
Heavy-Duty Grille Frame	9120	\$555.00

▼ PAINT AND RUST PROTECTION

Description	Code	Price
Finish Paint - Decals Not Installed	9800	\$165.00
Non-Export Rust Preventive Coating	9909	\$172.00

Coating protects exposed unpainted surfaces from road salt during shipment.

▼ ATTACHMENTS FOR FIELD CONVERSION

Description	Code	Price
<u>Attachments & Accessories</u>		
37 Inch Hydraulic Backhoe Thumb - 4 Tine	BYT10284	\$6,649.00
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	BYT10286	\$6,732.00
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.		
Forks, Pallet (2) 60 in.(1.52m) with 60 in. (1.52m) Coupler Fork Carriage	AT308139	\$3,737.00

Backhoe Buckets

BKH Pin-on 18 In. (457 mm) Heavy-Duty 5.1 Cu. Ft. (0.14 Cu. M.)	AT437349	\$1,358.00
BKH Pin-on 18 In. (457 mm) Standard Duty 4.6 Cu. Ft. (0.13 Cu. M.)	AT437348	\$1,085.00
BKH Pin-on 24 In. (610 mm) Standard Duty 6.5 Cu. Ft. (0.18 Cu. M.)	AT437350	\$1,275.00
BKH Pin-on Bucket 12 In. (305 mm) Heavy-Duty 3.3 Cu. Ft. (0.09 Cu. M.)	AT437347	\$1,129.00
BKH Pin-on Bucket 24 In. (610 mm) Heavy-Duty 7.5 Cu. Ft. (0.21 Cu. M.)	AT437351	\$1,480.00
BKH Pin-on Bucket 24 in (610 mm) Severe Duty 7.5 Cu. Ft. (0.21 Cu. M.)	AT437701	\$1,966.00
Requires multi-brand quick coupler (AT336313 or option codes 5420, 5421 or 5422).		
BKH Pin-on Bucket 24 in (610 mm) Severe Duty 8.8 Cu. Ft. (0.25 Cu. M.)	AT437702	\$2,016.00
Requires multi-brand quick coupler (AT336313 or option codes 5420, 5421 or 5422).		
BKH Pin-on Bucket 30 In. (762 mm) Heavy-Duty 10.0 Cu. Ft. (0.28 Cu. M.)	AT437353	\$1,866.00
BKH Pin-on Bucket 30 In. (762 mm) Severe-Duty 10.0 Cu. Ft. (0.28 Cu. M.)	AT437703	\$2,158.00
Requires multi-brand quick coupler (AT336313 or option codes 5420, 5421 or 5422).		
BKH Top Hook Coupler Bucket 12 in. (305 mm) Heavy Duty 3.3 Cu. Ft. (.09 Cu. M.)	AT437361	\$1,099.00
BKH Top Hook Coupler Bucket 18 in. (457 mm) Heavy Duty 5.1 Cu. Ft. (0.14 Cu. M.)	AT437362	\$1,326.00
BKH Top Hook Coupler Bucket 24 in. (610 mm) Heavy Duty 7.5 Cu. Ft. (0.21 Cu. M.)	AT437363	\$1,487.00
<u>Backhoe Controls</u>		
Case Three Lever Controls with Foot Swing	AT309739	\$1,407.00
Ford Four Lever Controls for Standard and Extendible Dipperstick	AT185628	\$3,088.00
ISO (Deere) Two Lever Mechanical Controls	AT185624	\$512.00
SAE Excavator Style Two Lever Controls	AT301434	\$260.00
<u>Backhoe Quick Couplers</u>		
Coupler, Deere Backhoe Bucket	AT336314	\$1,343.00
Coupler, Top Hook Backhoe Bucket Mechanical	AT315337	\$1,165.00

Coupler, Universal Backhoe Bucket	AT336313	\$1,373.00
<u>Counterweight</u>		
Counterweight, Front, 1,000 lbs (454 kg)	BYT10255	\$1,388.00
Counterweight, Front, 1,250 lbs (567 kg)	BYT10256	\$1,794.00
Counterweight, Front, 250 lbs (113 kg)	AT409592	\$544.00
Counterweight, Front, 450 lbs (204 kg)	BYT10251	\$621.00
Counterweight, Front, 750 lbs (340 kg)	BYT10254	\$1,008.00
<u>Engine</u>		
Environmental Drain Kit	BYT10444	\$595.00
Fluid Sampling Ports	BYT11938	\$286.00
<u>Guards</u>		
Backhoe Boom Protection Plate	AT407513	\$608.00
Heavy-Duty Grille Screen Kit	BYT11926	\$561.00
Compatible with L-Series Backhoe Loaders.		
KIT, FULL MFWD GUARD	BYT11208	\$280.00
Rubber Bumper for Grille Frame	AT434236	\$192.00
Stabilizer Cylinder Guards (Set of Two)	AT305073	\$314.00
Wheel Fender Kit for 16.5 in. tires only	AT388473	\$738.00
Requires MFWD and 305/70D16.5 or 12-16.5 front tires.		
<u>Hydraulics</u>		
1-Way (Select Flow) Auxiliary Hydraulics Bulkhead - Bucket Cylinder Mounted	BYT11079	\$216.00
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	\$492.00
Includes two circuit reliefs, fittings, clamps and hardware. Installation instructions T210751.		
Auxiliary Hydraulic Selective Flow Control Kit	AT448429	\$1,259.00
For use on Backhoes with Serial Numbers through 390994. Selective Flow Control Valve (9,13,16,18,22 or 25GPM) - One Way Flow Includes control pedal and circuit relief 1000-3000 PSI Adjustable L-Series backhoes except the 310L and 310L EP must order applicable Software Part Number in JDPoint for Field Kit to function properly.		

Auxiliary Backhoe Hydraulic Plumbing Kit, Two-Way Proportional Flow - Extendable Dipperstick	BYT11016	\$597.00
<p>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.</p>		
Auxiliary Backhoe Hydraulic Plumbing Kit, Two-Way Proportional Flow - Standard Dipperstick	BYT11006	\$597.00
<p>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.</p>		
Auxiliary Backhoe Hydraulics for Auger, Extendible Dipperstick	AT450466	\$384.00
<p>Includes fittings and hydraulic couplers for bucket cylinder. Average installation, 1 hour. Bucket cylinder hoses are disconnected; bucket function operates auger forward and reverse. No additional controls are required. Dealer must supply 0.5 inch (12.7 mm) ID hoses from bucket cylinder hydraulic couplers to auger.</p>		
Auxiliary Loader Control Valve w/3 Function Hydraulics - 1 Lever for Multipurpose Bucket and Front Attachments	BYT11684	\$4,112.00
<p>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 auxiliary, also order: AT431208 Auxiliary Valve Controller (AVC) AT432173 Wiring Harness 14M7303 Nut (Qty 4) 19M7775 Cap Screw M6 x 16 (Qty 4)</p>		
Auxiliary Loader Control Valve w/3 Function Hydraulics - 1 Lever for Multipurpose Bucket and Front Attachments	AT455847	\$4,112.00
<p>For use on Backhoes with a Serial Numbers below 292974. Must order applicable Software Part Number in JDPoint for Field Kit to function properly.</p>		
Auxiliary Plumbing for Selective Flow - Extendible Dipperstick	AT431294	\$687.00

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.

Auxiliary Plumbing for Selective Flow - Standard Dipperstick	AT431293	\$610.00
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Average installation, 2 hours.
Requires Standard Dipperstick.
Requires Five Function Valve Plus Selective Flow Valve OR Selective Flow Valve.
Includes boom and dipperstick hydraulic lines, and hardware for attaching hoses and lines from the selective flow valve section to end of Dipperstick.
Required for hammers, compactors, high or low flow motor attachments mounted on end of Dipperstick.

Fifth Function Control Valve Section (Without Circuit Reliefs)	AT192247	\$1,461.00
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Hand Held Hydraulics	AT448428	\$464.00
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Plumbing routed from the backhoe valve to above the battery box for hook up of hand held attachments.
Average installation, 4 hours.
Includes two circuit reliefs, fittings, clamps and hardware.
Requires Selective Flow Valve.
Installed in Battery Box.

Hydraulic Plumbing, Bulk Head to Deere Thumb Cylinder - Extendible Dipperstick	BYT11011	\$88.00
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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.

Hydraulic Plumbing, Bulk Head to Deere Thumb Cylinder - Standard Dipperstick	BYT11010	\$88.00
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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.

Loader Coupler, Hydraulic	BYT10277	\$5,748.00
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For use on Backhoes with a Serial Number 304845 and Higher.

Sixth Function Control Valve Section (Without Circuit Reliefs) for Manual Controls	AT192334	\$1,379.00
<p>Average installation, 4 hours. Can use with Four Function Control Valve, Five Function Control Valve, or Five Function Control Valve Plus Selective Flow Valve. Requires Left Pedal, (Deere, Cat or Ford Controls). Cannot be used with Case Controls. Requires Attachment Hydraulic Plumbing Kit, for cylinder operated attachments. Requires longer tie bolts. (2) T161707, (1) T161708 when used with Five Function Control Valve Plus Selective Flow Valve.</p>		
Sixth Function Control Valve Section (Without Circuit Reliefs) for Pilot Controls	AT320497	\$1,686.00
<p>Average installation, 4 hours. Can use with Four Function Control Valve, Five Function Control Valve, or Five Function Control Valve Plus Selective Flow Valve. Requires Left Pedal, (Deere, Cat or Ford Controls). Cannot be used with Case Controls. Requires Attachment Hydraulic Plumbing Kit, for cylinder operated attachments. Requires longer tie bolts. (2) T161707, (1) T161708 when used with Five Function Control Valve Plus Selective Flow Valve.</p>		
Lighting		
6 inch Amber Warning Light with LED Beacon and Magnetic Roof Mounting Kit	AT313592	\$267.00
LED Flood Light Kit	AT445009	\$223.00
LED Spot Light Kit	AT445010	\$223.00
Loader Buckets		
LDR Coupler Bucket 1.0 Cu. Yd. (.76 Cu. M.) Heavy Duty 86 in. (2.18 m) wide	AT308991	\$2,990.00
LDR Coupler Bucket 1.13 Cu. Yd. (.86 Cu. M.) Heavy Duty 86 in. (2.18 m) wide Long Lip	AT308970	\$3,187.00
LDR Coupler Bucket 1.25 Cu. Yd. (.96 Cu. M.) Heavy Duty 86 in. (2.18 m) wide Long Lip	AT308968	\$2,945.00
LDR Coupler Bucket 1.32 Cu. Yd. (1.0 cu. m) Heavy Duty 92 in. (2.34 m) Long Lip	AT308966	\$3,644.00
LDR Pin-on Bucket 1.0 cu. yd. (.76 cu. m) Heavy Duty 86 in. (2.18 m) wide with Skid Plates	AT308040	\$2,581.00
LDR Pin-on Bucket 1.12 Cu. Yd. (.86 Cu. M.) Heavy Duty 86 in. (2.18 m) wide	AT308071	\$3,201.00
LDR Pin-on Bucket 1.2 Cu.Yd. (.90 Cu. M.) Narrow 82 in. (2.08 m) Heavy-Duty Long Lip Narrow and Skid Plates	AT308188	\$2,662.00
LDR Pin-on Bucket 1.3 Cu. Yd. (1.0 Cu. M.) Heavy Duty 86 in. (2.18 m) wide Long Lip	BYT12306	\$2,944.00
LDR Pin-on Multipurpose Bucket 1.00 Cu. Yd. (.76 Cu. M.) 82 in. (2.08 m)	BYT10700	\$5,783.00
	BYT10701	\$6,706.00

LDR Pin-on Multipurpose Bucket 1.25 Cu. Yd. (.96 Cu. M.)
86 in. (2.18 m)

Loader Coupler Attachment Adapter Hook Plates (2) Standard	AT336927	\$1,842.00
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Loader Controls

Manual Ride Control Valve Kit	AT431165	\$829.00
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Ride Control Plumbing Kit	AT452094	\$708.00
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Sixth Function Pedal for Lever Controls	AT185629	\$387.00
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Sixth Function Pedal for Pilot Controls	AT301485	\$319.00
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Miscellaneous

BKH Power Link Grease Kit	AT194493	\$56.00
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Jump Start and Battery Disconnect Kit	BYT10688	\$247.00
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Mounting kit for multi-purpose (ABC) Dry Chemical Fire Extinguisher	AT408903	\$100.00
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Pivotable Beacon Bracket	AT451194	\$104.00
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Stop Kit, Field Kit - Pilot Tower Stow	BYT10312	\$26.00
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Operator's Station

(2) External Rear View Mirrors	AT186155	\$293.00
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Beacon/Strobe Ready Wiring Kit	AT313589	\$35.00
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Canopy (ROPS/FOPS) to Quarter Cab Conversion Kit	BYT10250	\$405.00
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Heated Seat Kit	BYT10673	\$270.00
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License Plate Bracket	AT446496	\$59.00
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License Plate Bracket and Light	AT187707	\$233.00
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Machine Security	AT339526	\$431.00
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Mechanical to Air Seat Conversion	BYT10670	\$816.00
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Mechanical to Air Seat Suspension	BYT10672	\$816.00
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Operator Manual Tether Cables for ROPS or Cab	AT192032	\$28.00
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Radio Auxiliary kit	AT451676	\$291.00
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Radio, Basic Package	BYT11384	\$882.00
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Radio, Basic Package	BYT10718	\$882.00
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Radio, Premium Package	BYT11385	\$1,370.00
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Radio, Premium Package	BYT10717	\$1,370.00
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Slow Moving Vehicle Emblem	AT186288	\$115.00
Sun Visor	AT186307	\$96.00
Universal XM-Tuner Installation Kit	BYT11328	\$358.00
Includes hardware and brackets to add XM capability to radio.		
<u>Stabilizer Legs</u>		
Heavy Duty Stabilizer Pads	AT376410	\$467.00
Standard Stabilizer Street Pads	AT376409	\$234.00
<u>Wheels and Tires</u>		
Rear Wheel Spacers for Rear Tire Chains	AT347522	\$989.00