



Current Date 03Jan2020

210L EP TRACTOR LOADER

210L EP Standard Equipment

ENGINE:

Configuration includes

Yanmar 4TNV98CT

turbocharged, 3.3L

displacement

engine. IT4 certified engine

at 69 net peak hp complies

with CARB and

EPA s FT4 emission

regulations.

Engine Coolant Rating -40

Degree F. (-40 C) *****

Serpentine Belt With

Automatic Belt Tensioner

Vertical Spin-On Engine Oil

Filter

Fuel Filter with Water

Separator

Dual Safety Element Dry-

Type Air Cleaner With

Evacuator Valve and

Prescreener

Underhood Muffler with

Vertical Curved Exhaust

Stack

Electronic Fuel Lift Pump

Engine Radiator

Coolant Recovery Tank with

Low Level Indicator

Suction Type Cooling Fan

with Enclosed Safety Fan

Guard

Oil-to-Water Engine Oil

Cooler

Fold-Out Hinged Cooling

System

High Ambient Temperature

Engine Coolant

ELECTRICAL:

12 Volt System

90 Amp Alternator (canopy);

120 Amp Alternator (cab)

Single Battery with 180 Min.

Reserve Capacity and 925

CCA

Blade Type Multi-Fused

Single Electric Transmission
Control(Forward/Neutral/Reverse)
withintegrated gear selection &
hornElectric Clutch Cut Off on
Loader Lever10 Micron Vertical Spin-on
Transmission Filter

Planetary Final Drives

Floor Switch Activated Rear

Differential Lock

Hydrostatic Power Steering
with Emergency Manual

Mode; Power-Assisted

Hydraulic Service Brakes

Inboard, Wet Disc, Self-

Adjusting and

Self-Equalizing (Conforms to
ISO 3450)

Parking/Emergency Brake:

Independent of Service

Brakes (Conforms to

ISO 3450) Spring Applied,

Hydraulically Released, Wet

Multi-Disc

Oil to Water Transmission Oil
Cooler

LOADER:

Return to Dig Feature

Bucket Level Indicator

Hydraulic Self Leveling (anti-
spill)

Single Lever Control with

Electric Clutch Cutoff Switch

Less Bucket with Bucket Pins

Loader Boom Service Lock

THREE POINT HITCH:

Integral Category II

Four Function Hydraulics:

-Lift

-Single Tilt

-Pitch

-4th Function, Hoses Capped

Cylinders:

-Service Code Indicator

-Air Cleaner Restriction

-Low Alternator Voltage

-Engine Coolant

Temperature

-Engine Oil Pressure

-Hydraulic Filter Restriction
Indicator

-Park Brake On-Off

-Low Brake Pressure

-Transmission Oil

Temperature

-Fuel Level

Digital Display:

-Hourmeter

-Engine RPM

-System Voltage

-Job Timer

-Machine information

Key Start Switch with

Electric Fuel Shut Off

Horn

Interior Rearview Mirror

Foot Throttle

Built-In Operator's Manual

Storage Compartment

LIGHTS:

(2) Front Driving/Working

Halogen (35,200

Candlepower each)

(2) Front Turn Signal/

Hazard Flashing

(2) Rear Turn Signal/ Hazard

Flashing

(2) Rear Stop and Tail

(2) Rear Reflectors

OVERALL VEHICLE:

2 Front and 2 Rear Built-In

Tie Downs

One Piece Unitized

Construction Mainframe

Extended Grille Frame

Front Bumper

Tilt Hood with two (2)

Service Positions

Dent Resistant Rear Fenders

Circuits	-Lift (1)	12 - 16.5 In. 8 PR Traction
By-Pass Start Safety Cover on Starter	-Tilt (1)	Front Tires and 16.9 - 24, 8
Positive Terminal Battery Cover	-Pitch (1)	PR (R4) Rear Tires
HYDRAULICS:	OPERATOR STATION:	16.9-24 8PR Rear Tires
20 GPM Single Gear Pump - Open Center	Two Post ROPS /FOPS Level	12-16.5 12PR Front Tires
Independent Hydraulic Reservoir	1 Canopy with Steel Roof (Conforms to SAE J1040)	Vandal Protection for:
6 Micron Vertical Spin-On Filter	Left Front Access	-Instrument Panel
"O" Ring Face Seal	Slip-Resistant Steps and Ergonomically Located Handholds	-Fuel Tank
Connectors	Rotating (70 degrees)	-Hood
Circuit Relief Valve	Suspension Vinyl Seat, Adjustable for	-Hydraulic Reservoir
Protection	Weight/Height, Fore-Aft, Backrest Tilt and Arm Rests with 3 In. (51mm)	27 Gal. (102.2 L) Fuel Tank
Oil-to-Water Hydraulic Oil Cooler	Seat Belt with Retractor	Ground Level Fueling
POWERTRAIN:	Electric Monitor System with Audible and Visual Warning:	Remote Greasing for Front Axle and Rear Hitch Cylinder
Mechanical Front Wheel Drive		Reverse Warning Alarm
Powershift Transmission with Torque Converter; Isolation Mounted to Mainframe		JDLink Ultimate
Fully Synchronized 4 Forward and 2 Reverse Speeds		

Required - *You must select one from each category*

▼ BASE MACHINE

Ex-Works Thibodaux, Louisiana, U.S.A.

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
210L EP TRACTOR LOADER	7031T8	\$100,782.00

Configuration includes Yanmar 4TNV98CT turbocharged, 3.3L displacement engine. IT4 certified engine at 69 net peak hp complies with CARB and EPA s 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.

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.

No JDLink Ultimate	1734	(\$2,461.00)
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Less JDLink Hardware and Software

MFWD AXLE AND TIRES

Description	Code	Price
MFWD Axle with Standard Differential	3085	No Added Cost

with Galaxy 12 - 16.5 In. 12 PR Heavy Sidewall Traction Front Tires and 16.9- 24 142A8 LI, 8 ply equivalent, (R4) Rear Tires 84 in. (2.13 m) overall width.

MFWD Axle with Limited Slip Differential	3045	\$1,088.00
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with Galaxy 12 - 16.5 In. 12 PR Heavy Sidewall Traction Front Tires and 16.9- 24 142A8 LI, 8 ply equivalent, (R4) Rear Tires 84 in. (2.13 m) overall width.

LOADER CONTROLS

Description	Code	Price
Less Loader and Less Loader Hydraulics	5340	No Added Cost

Not available with code 4100.
For focused grading applications where a loader is not desired.
Requires "Less Loader Boom" Code 7610.

2 Function Loader	5300	No Added Cost
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* Includes two function loader valve and lines with single control lever.

3 Function, 2 Lever Loader Control	5320	\$2,470.00
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Not available with code 4200.

* Includes three function loader valve and lines with single control lever and auxiliary lever.

3 Function, 1 Lever Loader Control	5330	\$4,108.00
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Not available with code 4100.

* Includes three function loader valve and lines with single control lever with electro-hydraulic auxiliary control.

LOADER BUCKETS

Description	Code	Price
Less Loader Bucket with Bucket Pins	7600	No Added Cost

Less Loader Boom, Less Bucket, and Less Pins	7610	(\$4,721.00)
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Requires Hydraulics Code 5340

1.12 Cu. Yd. (.86 Cu. M.) General Purpose Pin-On Bucket with Bolt-On Cutting Edge and Skid Plates	7635	\$3,498.00
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86 in. (2.18 m) wide.

Includes two built-in lift loops.

Recommended to use code 8086, 8097, and 8100.

1.25 Cu. Yd. (.95 Cu. M.) Multipurpose Pin-On Bucket with Bolt-on-Cutting Edges and Skid Plates	7640	\$7,434.00
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86 in. (2.18 m) bucket width.

Pre-drilled for seven teeth. Order teeth from parts.

Includes two built-in lift loops

Requires Code 5320 or 5330, Aux. Loader Hydraulics.

Recommended to use code 8086, 8097, and 8100.

Includes reversible cutting edge for moldboard and back of clamshell.

Loader Coupler for 2 Function Hydraulics	7646	\$7,627.00
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Requires 5300 or 5310 Loader Hydraulics. Includes Ride Control (8130).

Loader Coupler for 3 Function Hydraulics	7645	\$7,627.00
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Requires codes 5320 or 5330 Loader Hydraulics.

Includes Ride Control (8130).

REAR HITCH TILT CYLINDERS

Description	Code	Price
Single Tilt Cylinders	4100	No Added Cost

* Includes four-function 3-point hitch valve with four levers (lift, pitch, tilt and one auxiliary function).

* Includes (1) lift, (1) tilt, and (1) pitch cylinders.

Dual Tilt Cylinders	4200	\$1,687.00
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* Includes five-function 3-point hitch valve with five levers (lift, pitch, right tilt cylinder, left tilt cylinder and one auxiliary function).

* Includes (1) lift, (2) tilt, and (1) pitch cylinders.

OPERATOR'S STATION

Description	Code	Price
Canopy ROPS/FOPS	2025	No Added Cost

Isolation mounted Modular design ROPS/FOPS Level 1 (meets ISO 3471 / SAE J1040)
Includes formed metal roof
Two front driving/working halogen lights (32,500 Candlepower Each)
Four turn signal/flashing/rear stop/tail lights (2) front and (2) rear lights
Two rear reflectors
Requires selection of Electrical Package (code 8050, 8051 or 8052).

Cab w/ Air Conditioning	2085	\$16,183.00
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Isolation mounted Modular design ROPS/FOPS Level 1 (meets ISO 3471 / SAE J1040)
Molded roof
Left side entry
Tinted safety glass
Deluxe interior trim
(2) 12 volt convenience outlets
Battery disconnect switch
Headliner
Molded floor mats
26,000 BTU air conditioning
CFC free R134a refrigerant
40,000 BTU heater/defroster/pressurizer (3-speed)
2 front driving/working halogen lights (35,200 Candlepower Each)
2 rear working halogen lights (35,200 Candlepower Each)
Four turn signal/flashing/rear stop/tail lights Two rear reflectors
Front 2-speed wiper
Radio Speakers - radio ready

SEAT

Description	Code	Price
Non-Suspension Vinyl Seat for Canopy with 3 In. Retractable Seat Belt	2211	(\$271.00)

For Canopy only.
Includes Arm rests.
Includes fore/aft adjustment.
3 position rotatable - wrench required.

Mechanical Suspension Vinyl Seat for Canopy with 3 In. Retractable Seat Belt	2213	No Added Cost
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For Canopy only.
Includes Arm rests, fore/aft and vertical adjustment.
50 degree seat rotation (10 to left, 40 to right).

Enhanced Vinyl Seat, Mechanical Suspension for Canopy with Tilt Steering	2215	\$586.00
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Adjustable Tilt Steering Column.
Enhanced right Arm rest and seat.
70 degree seat rotation (20 to left, 50 right).

Fabric Swivel Seat, Mechanical Suspension for Cab with 3 In. Retractable Seat Belt	2212	No Added Cost
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Included in Code 2085 Cab.
Includes Arm rests, fore/aft and vertical adjustment.
50 degree seat rotation (10 to left, 40 to right).

Enhanced Fabric Seat, Mechanical Suspension for Cab with Tilt Steering	2214	\$627.00
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Adjustable Tilt Steering Column.
Enhanced right Arm rest and seat.
70 degree seat rotation (20 to left, 50 right).

BATTERIES

Description	Code	Price
Single Battery	7005	No Added Cost

925 CCA and 190 min. reserve capacity.

Dual Batteries	7006	\$311.00
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Recommended below 32 degrees F, 0 degrees C. 1850 CCA and 380 min. reserve capacity.

Optional - *Select as desired*

OPERATOR'S MANUAL AND DECALS

Description	Code	Price
Spanish Trademarks and Decals	8270	No Added Cost

French Trademarks and Decals	8260	No Added Cost
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REAR HITCH AND DRAWBAR

Description	Code	Price
Single Position Drawbar	8080	\$259.00

Drawbar pin not included.

BOX BLADES

Description	Code	Price
BB84 Box Blade - 84 inch (2.13m) Wide	8120	\$5,705.00

Includes heavy duty Hydraulic ripper bar; includes reversible and replacable router blades.

BB88 Box Blade - 88 inch (2.34m) Wide	8125	\$5,933.00
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Includes heavy duty Hydraulic ripper bar; includes reversible and replacable router blades.

OPERATOR'S STATION

Description	Code	Price
Machine Security	8095	\$462.00
Dial Hand Throttle	8110	\$263.00
Ride Control	8130	\$1,670.00
Not for use with less loader code 5340. Included with Loader Coupler for 2 and 3 Function Loader Coupler codes 7646 and 7645.		
Heavy-Duty Grille Frame	8150	\$555.00

WHEEL WEIGHTS

Description	Code	Price
Wheel Weights	8100	\$2,045.00
Total of 1,000 lbs. (454 kg.) Recommended for all configurations - Highly recommended for use with code 7645		

COUNTERWEIGHT

Description	Code	Price
700 Lb. Hitch Weights	8086	\$1,713.00
Recommended for use with code 7635. Not for use with 1500lb. counterweight code 8097.		
1,500 Lb. Hitch Weights	8097	\$2,993.00
Recommended for use with code 7640 - Highly recommended with code 7645. Not for use with 700 lb. counterweight code 8086.		

LIGHTING

Description	Code	Price
Base Electrical	8052	No Added Cost
Only available with Canopy code 2025. Lighting Includes: (2) forward work lights (32,500 candle power each).		
Deluxe Electrical	8050	\$559.00
Only available with Canopy code 2025. Lighting Includes: (2) forward work lights (32,500 candle power each). (2) rear work light (32,500 candle power each). (2) 12 volt convenience outlets. Battery disconnect switch.		
Premium LED Light Package	8051	\$720.00

Only available with Canopy code 2025.
 Lighting Includes:
 (2) forward LED work lights
 (2) rear LED work light s
 (2) side LED work lights
 (2) 12 volt convenience outlets.
 Battery disconnect switch.

GUARDING

Description	Code	Price
Transmission Guard	8160	\$446.00
Recommended when operating overlarge rocks or stumps.		
MFWD Drive Shaft Guard	8115	\$366.00
Recommended when operating over large rocks or stumps.		

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
Buckets		
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 Multipurpose Bucket 1.25 Cu. Yd. (.96 cu. m) 86 in. (2.18 m) wide	BYT10707	\$6,967.00
Includes Reversible Bolt On Cutting Edges and Skid Plates. Requires Aux. Loader Coupler Hydraulics. 86 in. (2.18 m) bucket width. Includes reversible bolt-on cutting edge and skid plates. Pre-drilled for seven teeth. Order teeth from parts. Includes two built-in lift loops. Includes reversible cutting edge for moldboard and back of clamshell.		
LDR Pin-on Bucket 1.0 cu. yd. (.76 cu. m) Heavy Duty 86 in. (2.18 m) wide with Skid Plates	AT308040	\$2,555.00
	AT308071	\$3,169.00

LDR Pin-on Bucket 1.12 Cu. Yd. (.86 Cu. M.) Heavy
Duty 86 in. (2.18 m) wide

Includes Reversible Bolt On Cutting Edge and Skid Plates.

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

LDR Pin-on Multipurpose Bucket 1.00 Cu. Yd. (.76 Cu. M.) 82 in. (2.08 m)	AT448174	\$4,100.00
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Includes Reversible Bolt On Cutting Edges and Skid Plates.
This multi-purpose bucket is being discontinued and will only be
available until inventory is exhausted. Prices have been adjusted
accordingly.

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available until inventory is exhausted. Prices have been adjusted
accordingly.

Includes Reversible Bolt On Cutting Edges and Skid Plates.

LDR Pin-on Multipurpose Bucket 1.00 Cu. Yd. (.76 Cu. M.) 82 in. (2.08 m)	BYT10700	\$5,726.00
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Includes Reversible Bolt On Cutting Edges and Skid Plates.
Includes reversible cutting edge for moldboard and back of clamshell.

LDR Pin-on Multipurpose Bucket 1.25 Cu. Yd. (.96 Cu. M.) 86 in. (2.18 m)	AT448175	\$4,100.00
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Includes Reversible Bolt On Cutting Edge and Skid Plates.
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.

This multi-purpose bucket is being discontinued and will only be
available until inventory is exhausted. Prices have been adjusted
accordingly.

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available until inventory is exhausted. Prices have been adjusted
accordingly.

Includes Reversible Bolt On Cutting Edge and Skid Plates.

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
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Includes Reversible Bolt On Cutting Edge and Skid Plates.
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.
 Includes reversible cutting edge for moldboard and back of clamshell.

Loader Coupler Attachment Adapter Hook Plates (2) Standard	AT336927	\$1,824.00
Frame Attachment		
BB84 Box Blade	BXT10029	View Price
Must be ordered through Parts.		
BB88 Box Blade	BXT10030	View Price
Must be ordered through Parts.		
Box Blade Reversible Router Bit Conversion Kit	BXT10057	View Price
Must be ordered through Parts.		
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		
Full MFWD Driveline Guard Kit	BXT10072	View Price
Must be ordered through Parts.		
Transmission Guard Kit for L-Series	BXT10056	View Price
Must be ordered through Parts.		
Wheel Fender Kit for 16.5 in. tires only	AT388473	\$731.00
Hydraulics		
5th Hitch Hydraulic Function Cylinders with Lines	BXT10106	View Price
Must be ordered through Parts.		
5th Hitch Hydraulic Function and Controls without Cylinders or Lines	CB11487099	View Price
Must be ordered through Parts. Includes valving and Controls without cylinders or lines.		
Loader Coupler, Hydraulic	BXT10102	View Price
Must be ordered through Parts.		
Manual 3rd Function Loader Hydraulics Kit	BXT10075	View Price
Must be ordered through Parts.		

Rear Mounted Quick-Action Hydraulic Couplers	BXT10107	View Price
Must be ordered through Parts.		
Operator's Station		
AM/FM/CD Cab Radio	CB11487907	View Price
Must be ordered through Parts.		
Kit-EH 3rd Loader Mode Switch	BXT10105	View Price
Must be ordered through Parts.		
Mechanical to Air Suspension Seat Conversion Kit Cab Models Only	BXT10097	View Price
Must be ordered through Parts.		
Rear Window Wiper/Washer	CB11478532	View Price
Must be ordered through Parts. Requires motor kit LVB25712 to complete this conversion.		
Rightside Emergency Exit Door for Cab	BXT10069	View Price
Must be ordered through Parts.		
Tilt Steering	BXT10058	View Price
Must be ordered through Parts.		
Overall Vehicle		
Cab Slow Moving Vehicle (SMV) Sign kit	CB11484176	View Price
Must be ordered through Parts.		
Canopy Slow Moving Vehicle (SMV) Sign kit	CB11487046	View Price
Must be ordered through Parts.		
Machine Security	AT339526	\$427.00
Must order applicable Software Part Number in JDPoint for Field Kit to function properly.		
Rotating Beacon Kit	BXT10061	View Price
Must be ordered through Parts.		
Rubber Bumper for Grille Frame	AT434236	\$190.00
Ride Control		
Ride Control	BXT10103	View Price
Must be ordered through Parts. Must be ordered through Parts.		

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