



JOHN DEERE

Current Date 30May2017

310E ARTICULATED DUMP TRUCK

COOLING:

Dual, fully variable, hydraulic fan drives
 Left side mounted radiator, charge air cooler, A/C condenser and fuel cooler
 Right side mounted, transmission and hydraulic coolers
 Optional Axle Coolers
 Integral engine oil cooler
 Remote pressurized coolant reservoir
 Antifreeze Protection to -34 Degrees F (-37 Degrees C)
 John Deere COOL-GARD II long-life engine coolant
 Fan guard

POWERTRAIN:

ZF ErgoPower L II 8EP320 fully-automatic countershaft powershift transmission, 8 Speeds
 Forward, 4 Reverse
 Lock-up torque converter
 Load based shift control
 Gear hold switch
 Automatic integral transmission input retarder with selectable aggressiveness
 Single-speed transfer case with interaxle differential lock
 Full Time 6 Wheel Drive
 Lockable, on the fly, clutch type differential locks
 Fully hydraulic wet disk service brakes
 Spring-applied, hydraulic-released, dry-disc park brake

ELECTRICAL:

24 Volt

Axial-piston, variable-displacement pump
 Single-stage, dual acting, dump-body cylinders
 Electrohydraulic dump-body control
 Ground-driven, secondary-steering pump
 Brake Accumulator, CSA Certified

OPERATOR'S STATION:

ROPS/FOPS Certified,
 Tilttable Cab
 Keyless Start/Stop
 Programmable dump-body control settings
 Sound Insulated
 Air Conditioner with Heater and Defroster
 AM/FM Radio/CD player and Speakers
 Rear window guard
 Washer/Wiper with Intermittent Control
 Tilt and telescopic steering wheel
 Fully-adjustable, air suspension, heated, high-back, cloth with leather inserts seat
 Retractable, 3-Inch, operator seat belt
 Fold-away instructor's seat with retractable seat belt
 12-volt power outlet
 Cup holders
 12-volt Cigarette Lighter
 Fold-Away outside rearview mirrors
 7" LCD Monitor:
 Optional Secondary Back-up Camera Monitor
 Speedometer
 Fuel gauge
 DEF gauge

Programmable Dump Body Rollover Protection
 On-Board Weighing Display
 Multi-Language Capability
 Tire Pressure Monitoring System Warning
 Primary Backlit Sealed Switch Module Functions:
 Keyless Start/Stop
 Park Brake
 Transmission Controls
 Drive/Neutral/Reverse/Gear Select/Up-Shift/Down-Shift
 Transmission Gear Hold
 Retarder aggressiveness
 Interaxle differential lock control
 Automatic Dump-Body Control Settings
 Descent Control
 Secondary Backlit Sealed Switch Module Functions:
 A/C heater controls
 Rear wiper control
 Park Lights/Headlights
 Work Lights
 Stair Light
 Work Lights
 Hazard Lights
 Beacon
 Heated mirror
 Heated seat

BODY:

Dump-body Safety Lock Bar
 Heavy-duty Ribbless Construction
 Dual-cylinder hydraulic dump
 Body Ducted to Accept Exhaust Heating Connections

OTHER:

Engine-service platform

80-amp alternator	Transmission oil temperature gauge	Remote grease banks
Solid-state electrical power distribution system	Engine coolant temperature gauge	Articulation lock
Battery disconnect	Tachometer	On Board Weighing System with External Load Lights
Batteries, 2 x 950 CCA	LED function/warning indicators and audible alarm	JD-Link Ultimate Wireless Communication System with 3Yr Subscription
Drive lights	Gear Indicator	Tire Pressure Monitoring System
LED Rear Turn Signals/ Brake Lights	Battery voltage	Swing out coolers for improved engine access
Electric Horn	Hour meter	Front grill swings open for easy service access
Reverse Alarm	Odometer	
HYDRAULICS:	Trip counter	
Closed-center, electronic load-sensing system	Trip timer	
	Metric/English units	
	Service codes/diagnostics	

Required - *You must select one from each category*

▼ BASE MACHINE

F.O.B. Davenport, Iowa for Complete Machine. See DEALER-INSTALLED ATTACHMENT section for additional source notes.

Description	Code	Price
310E ARTICULATED DUMP TRUCK	9440DW	\$488,956.00

▼ ENGINE

Description	Code	Price
John Deere PowerTech meets EPA FT4 and EU Stage IV Emissions	0924	\$30,267.00

John Deere PowerTech PSS 13.5L
 With 354 Net Peak hp
 For use only in areas where EPA Final Tier 4/EU Stage IV is required. Required in the US.
 Turbo Charged, Charge Air Cooled
 Automatic Exhaust Filter Regeneration
 4 Valves / Cylinder
 Wet Sleeve Cylinder Liners
 Starter Protection
 Electronically Controlled Fuel Delivery System
 Electrical Fuel Priming System
 Automatic Derating for Exceeded System Temperatures
 Under Hood Dual Element Air Cleaner with Restriction Indicator
 Curved Exhaust Stack
 10-Micron 500 hour Spin-On Primary Fuel Filter/Water Separator
 2-Micron 500 hour Spin-On Final Fuel Filter
 Inline Fuel Strainer
 Auto Tensioner Serpentine Belt

▼ EXHAUST

Description	Code	Price
Engine Exhaust with Flat Black Curved Stack	1310	In Base Price
Engine Exhaust with Chrome Curved Stack	1330	\$370.00

ENGINE FAN			
Description	Code	Price	
Standard Fan Drive	1510	In Base Price	
Hydraulic Reversing Fan Drive	1520	\$1,442.00	

FAST FILL FUEL SYSTEM			
Description	Code	Price	
Fast Fill Fuel System	5710	\$2,599.00	
No Fast Fill Fuel System	5720	In Base Price	

BATTERY			
Description	Code	Price	
Batteries, 2 x 1400 CCA	1120	\$397.00	

VOLTAGE CONVERTER			
Description	Code	Price	
24 to 12 Volt Voltage Converter, 15 Amp Converter	2710	\$158.00	
24 to 12 Volt Voltage Converter, 25 Amp Converter	2720	\$270.00	

ON BOARD WEIGHING			
Description	Code	Price	
Less On Board Weighing	5530	In Base Price	
On Board Weighing with Light Indicators	5550	\$2,040.00	

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 Cellular for the Americas, excluding Costa Rica - 5 Years	1710	In Base Price	

Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and JDLink Ultimate activation.

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 Satellite for the Americas, excluding Costa Rica - 5 Years	1711	\$1,936.00
--	------	------------

Includes JDLINK hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and JDLINK Ultimate activation.

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 dual mode 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.



DUMP BODY

Description	Code	Price
Standard Dump Body	1910	In Base Price
Dump Body w/8 mm (5/16 in) Steel Liner	1915	\$8,265.00
Less Dump Body	1920	(\$35,085.00)



DUMP BODY HEATER

Description	Code	Price
Dump Body Heater Exhaust Connections	2110	\$3,772.00

Requires code 1910 or 1915 dump body.

Less Dump Body Heater Connections	2120	In Base Price
-----------------------------------	------	---------------



TAILGATE

Description	Code	Price
Mechanical/Automatic Tailgate	2210	\$12,885.00

Requires code 1910 or 1915 Dump Body.

Less Tailgate	2220	In Base Price
---------------	------	---------------



OPERATOR'S MANUAL AND DECALS

Required for labels and Trademarks

Description	Code	Price
English Decals and Operator's Manual	2350	No Charge
French Decals and Operator's Manual	2352	No Charge
Spanish Decals and Operator's Manual	2354	No Charge
No Text Decals for EU27	2358	No Charge

MIRRORS			
Description	Code	Price	
Mirrors, Manual	2410	In Base Price	
Mirrors, Remote Adjustable with Heating	2420	\$900.00	
SEAT			
Operator Seats are fully adjustable with air suspension			
Description	Code	Price	
Operator's seat, heated, high-back, cloth/leather with fore/aft isolation	2520	In Base Price	
Operator's seat, heated, high-back, cloth/leather, no fore/aft isolation with extreme duty suspension	2530	\$157.00	
RADIO			
Description	Code	Price	
AM/FM radio/CD player	2610	In Base Price	
AM/FM radio/CD player with Satellite Radio and Bluetooth	2612	\$950.00	
AIR CONDITIONING SYSTEM			
Description	Code	Price	
Air Conditioner Refrigerant Charged	6110	In Base Price	
REAR CAMERA			
Description	Code	Price	
Rear Camera with Secondary Monitor	2815	\$992.00	
Secondary monitor will display rear camera display at all times.			
Rear Camera with Integrated Monitor	2810	In Base Price	
When machine is in reverse, rear camera will display on main monitor.			
HVAC CONTROLS			
Description	Code	Price	
Manual Operator Station Temperature Control	3010	In Base Price	
HVAC PRE-CLEANER			
Description	Code	Price	
HVAC Pre-cleaner	3210	\$500.00	
No HVAC Pre-cleaner	3220	In Base Price	
WHEELS AND TIRES			

If a No Brand Preference code is selected, a 9000 code in the Special Equipment - Order as Desired section will automatically be selected as well. This is required to enable the factory to source this order.

Description	Code	Price
<u>23.5R25 Tires with 3 Piece Rims</u>		
No Brand Preference	4591	\$8,432.00
Michelin E-3 Radial Tires	4511	\$19,130.00
<u>Other Tire Options</u>		
750/65R25 Michelin XAD Low-Profile E-3 2 Star Radial Tires	4551	\$28,696.00
Provides lower ground pressure and increased floatation, traction, stability, and tire life over standard 23.5R25 sized tires.		

▼ MONITORING SYSTEM

Description	Code	Price
Tire Pressure Monitoring System	5310	In Base Price
Less Tire Pressure Monitoring System	5320	(\$3,214.00)

▼ AXLE COOLING

Description	Code	Price
Axle Cooling	3310	\$6,965.00
Less Axle Cooling	3320	In Base Price

Optional - *Select as desired*

▼ ETHER STARTING AID

Description	Code	Price
Ether Start Aid	9215	\$308.00

▼ COOLANT HEATER

Description	Code	Price
Engine Coolant Heater, 110V	9225	\$185.00
Requires FT4 engine code 0924. Not for use with diesel fuel fired coolant heater code AT418721. For use when average cold temperature is no lower than -25C (-13F). If average cold temperature is lower than -25C (-13F), order diesel fuel fired coolant heater AT418721.		
Engine Block Coolant Heater (220 Volt)	9300	\$254.00
Restricted for use in Russia.		
Diesel Fired Coolant Heater	9221	\$4,533.00

▼ FUEL FILTRATION

Description	Code	Price
	9250	\$350.00

Severe Duty Fuel Filter

Code 9250 or 9255 required for Engine code 0930

Heated Severe Duty Fuel Filter	9255	\$455.00
--------------------------------	------	----------

▼ WARNING BEACON

Description	Code	Price
Warning Beacon	9320	\$487.00

▼ LIGHTING

Description	Code	Price
(2) Additional Cab Front Work Lights - Halogen	9230	\$350.00

Cannot order with code 9232.

(2) Additional Cab Front Work Lights - LED	9232	\$1,497.00
--	------	------------

▼ OPERATOR'S MANUAL AND DECALS

Description	Code	Price
Operator manual and labels, Spanish, FT4 models	9280	No Charge

▼ WINDSHIELD WIPERS

Description	Code	Price
Rear Windshield Wiper	9327	\$478.00

▼ NO BRAND PREFERRED TIRES

Description	Code	Price
23.5R25 No Brand Preferred With 3 Piece Rim	9701	No Charge

▼ RUST PROTECTION

Description	Code	Price
Electrical Corrosion Protection Package	9211	\$987.00

▼ HYDRAULIC OIL

Description	Code	Price
Hydraulic Oil - Hydrau XR	9315	\$230.00

Optional Factory Fill.
 Intended for Colder Climates with Extreme Cold Ambient Temperatures down to -40C (-40F)
 Provides All-Season Capability in Ambient Temperature Ranging from -40C to 40C (-40F to 104F).
 Required for Russia.

Quick Service Bank for Transmission , Hydraulic, Engine oil & Engine Coolant Fluid changes	9045	\$505.00
--	------	----------

▼ FIRE EXTINGUISHER

Description	Code	Price
Fire Extinguisher - 5 lbs.	9140	\$110.00

▼ MISCELLANEOUS

Description	Code	Price
License Plate Bracket, Light and Mounting Hardware	9310	\$183.00

▼ 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.johndeereotechinfo.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
Cold Start		

Diesel Fuel-Fired Engine Coolant Heater Kit for FT4 Engines	AT427188	\$4,533.00
---	----------	------------

For use when average cold temperatures are below -25C (-13F).
Cannot be used in conjunction with Code 9225 Engine Coolant Heater, 110V.
Dealer installed field kit only.

Diesel Fuel-Fired Engine Coolant Heater Kit for T3 (Stage II) Engines w/ Kerosene Tank	AT427190	\$4,639.00
--	----------	------------

Engine Block Heater, 220V (Stage II Engines)	AT427184	\$184.00
--	----------	----------

May be used with Diesel-Fired Coolant Heater.

Ether Starting Aid for FT4 engines	AT426929	\$307.00
------------------------------------	----------	----------

[Hydraulics](#)

High-Altitude Hydraulic Kit	AT435710	\$606.00
-----------------------------	----------	----------

For use at high altitudes to improve hydraulic performance by pressurizing the hydraulic tank.
For use above 10,000 feet on 4WD Loaders.
For use on Stage 2/Tier 3/iT4 4WD Loader Engines.
No kit required for FT4 Loader Engines.
For use above 6,000 feet on E-Series ADTs (Tier 3).

[Operator Environment](#)

Cigarette Lighter	AT448829	\$40.00
-------------------	----------	---------

HVAC PreCleaner	AT445689	\$500.00
-----------------	----------	----------

Secondary Rear View Monitor Field Kit	BYT10243	\$1,200.00
---------------------------------------	----------	------------

Will display rear camera display at all times.

WorkSafe BC Secondary Access Window	AT456170	\$840.00
-------------------------------------	----------	----------

Required for ADT in BC, Canada.

[Overall Vehicle](#)

Beacon Strobe kit	AT426730	\$285.00
Dump Body Heater Exhaust Connections for FT4 Engines	AT427213	\$4,490.00
Mechanical/Automatic Tailgate	AT456466	\$14,003.00
On Board Weighing Kit	BYT10229	\$2,040.00
Quick Fluid Service Field Kit	AT430821	\$513.00
For use with FT4 engine.		
Powertrain		
Axle Cooling Field Kit	AT440481	\$6,965.00
Fast Fuel System	AT439706	\$3,811.00
Severe-Duty Fuel Filter w/ Heater	AT427680	\$462.00
Severe-Duty Fuel Filter w/o Heater	AT427679	\$353.00