



JOHN DEERE

Current Date 20Nov2018

460E ARTICULATED DUMP TRUCK

COOLING

*Side-mounted engine, transmission, axle, charge air, A/C condenser and hydraulic coolers
*2 Hydraulically driven, variable speed fans
Remote pressurized coolant reservoir
John Deere COOL-GARD II long-life engine coolant

POWERTRAIN

*Fully automatic transmission, 8 speeds forward, 4 speeds reverse
*Automatic high capacity transmission retarder with selectable aggressiveness
Lock-up torque converter
Adaptive shift control
*Gear hold, shuttle shifting, downhill descent control, overspeed protection features
*Heavy Duty John Deere Hauler Axles with outboard planetaries and wet disc brakes
*6 Wheel Drive with on the fly, automatic traction control feature
*Independently pressure lubed, cooled and filtered axles
*Spring-applied, hydraulically released park brake
*Maintenance free, Adaptive Front suspension system using position sensitive oil/nitrogen struts
*High travel, maintenance free rear suspension with load equalizing walking beams

ELECTRICAL:
24 Volt

Batteries, 2 x 950 CCA
LED Rear Turn Signals/
Brake Lights
Reverse Alarm
Reverse Camera with secondary monitor
JDLink Ultimate with 5 years of free subscription service
Tire Pressure Monitoring System (includes both tire pressure and temperature)

HYDRAULICS:
Closed-center, load-sensing system
Axial-piston, variable-displacement pumps
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
Sound Insulated
Air Conditioner with Heater and Defroster
AM/FM Radio/CD player and Speakers
Rear window guard
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 holder
Fold-Away outside rearview

Tachometer
Inclinometer
LED function/warning indicators and audible alarm
Gear Indicator
Battery voltage
Hour meter
Clock
Odometer
Fuel consumption
Trip counter
Trip timer
Trip distance
Metric/English units
Service codes/diagnostics
Programmable Dump Body
Rollover Protection
On-Board Weighing Display

Multi-Language Capability
Tire Pressure Monitoring System Warning

*15 button Backlit Sealed Switch Module Functions:
Keyless Start/Stop
Hazard Lights
Park Brake
Transmission Controls
Drive/Neutral/Reverse/Gear Select/Up-Shift/Down-Shift
Transmission Gear Hold
Retarder aggressiveness
Interaxle Differential Lock
Downhill descent control

*15 button Backlit Sealed Switch Module Functions:
Headlights
Beacon
Heated Mirrors
Worklights
Ingress/Egress Light
A/C heater controls

BODY:
*Heavy duty, high capacity dump body
Dump-body with lock bar

*100-amp alternator
Solid-state electrical power
distribution system
Battery disconnect

mirrors
Deluxe monitor:
Speedometer
Fuel gauge
Transmission oil
temperature gauge
Engine coolant temperature
gauge

Body Ducted to Accept
Exhaust Heating
Connections

OTHER:
*Single remote grease bank

Articulation lock bar
*Greaseless pins and
bushings
*Ground level servicing

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
460E ARTICULATED DUMP TRUCK	02F0T	\$718,067.00

▼ ENGINE

Description	Code	Price
John Deere PowerTech meets EPA FT4 and EU Stage IV Emissions	0924	\$57,559.00
John Deere PowerTech PSS 13.5L With 481 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	No Added Cost
Engine Exhaust with Chrome Curved Stack	1330	\$370.00

▼ ENGINE FAN

Description	Code	Price
Standard Fan Drive	1510	No Added Cost
Hydraulic Reversing Fan Drive	1520	\$1,442.00

FAST FILL FUEL SYSTEM			
Description	Code	Price	
Fast Fill Fuel System	5710	\$2,599.00	
150 gpm fill rate. Field Kit available, but not easily installed.			
No Fast Fill Fuel System	5720	No Added Cost	
BATTERY			
Description	Code	Price	
Batteries, 2 x 950 CCA	1110	No Added Cost	
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	No Added Cost	
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 - 5 Years	170C	No Added Cost	
Includes JDLink hardware: integrated cab wiring harness, antenna, 4G LTE modular telematics gateway (MTG), Wi-Fi data transfer, Blue Tooth capability 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.			
	170J	\$1,936.00	

JDLINK Ultimate Satellite - 5 Years

Includes JDLINK hardware: integrated cab wiring harness, antenna, 4G LTE modular telematics gateway (MTG), Wi-Fi data transfer, Blue Tooth capability 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.

DUMP BODY			
Description	Code	Price	
Standard Dump Body	1910	No Added Cost	
Dump Body w/8 mm (5/16 in) Steel Liner	1915	\$11,115.00	
Less Dump Body	1920	(\$52,175.00)	
DUMP BODY HEATER			
Description	Code	Price	
Dump Body Heater Exhaust Connections	2110	\$4,490.00	
Requires code 1910 or 1915 dump body.			
Less Dump Body Heater Connections	2120	No Added Cost	
TAILGATE			
Description	Code	Price	
Mechanical/Automatic Tailgate	2210	\$13,444.00	
Requires code 1910 or 1915 Dump Body.			
Less Tailgate	2220	No Added Cost	
OPERATOR'S MANUAL AND DECALS			
Required for labels and Trademarks			
Description	Code	Price	
English Decals and Operator's Manual	2350	No Added Cost	
French Decals and Operator's Manual	2352	No Added Cost	
Spanish Decals and Operator's Manual	2354	No Added Cost	
No Text Decals for EU27	2358	No Added Cost	
Requires option 9150.			

MIRRORS			
Description	Code	Price	
Mirrors, Manual	2410	No Added Cost	
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	No Added Cost	
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	No Added Cost	
AM/FM radio/CD player and Bluetooth	2612	\$950.00	
AIR CONDITIONING SYSTEM			
Description	Code	Price	
Air Conditioner Refrigerant Charged	6110	No Added Cost	
REAR CAMERA			
Description	Code	Price	
Rear Camera with Secondary Monitor	2815	No Added Cost	
HVAC CONTROLS			
Description	Code	Price	
Manual Operator Station Temperature Control	3010	No Added Cost	
HVAC PRE-CLEANER			
Description	Code	Price	
HVAC Pre-cleaner	3210	\$500.00	
No HVAC Pre-cleaner	3220	No Added Cost	
WHEELS AND TIRES			
Description	Code	Price	
29.5R25 Tires with 5 Piece Rims			
Michelin E-3 Radial Tires	4540	\$32,630.00	
E3 radial tire for use in a variety of applications. Rugged shoulder design for added sidewall protection and long tire life.			
Bridgestone E-3 Radial Tire	4547	\$31,130.00	
Other Tire Options			

875/65R29 Michelin XAD65-1 E3T Tires	4561	\$38,037.00
29.5R25 Michelin E-4 XTRA Defend Radial Tires	4544	\$34,660.00
E4 Xtra Defend with better aggression resistance due to thicker sidewalls, deeper tread pattern, and bigger cables inside the tire. Excellent performance in mines and quarries-hard ground and aggressive environments.		

▼ MONITORING SYSTEM

Description	Code	Price
Tire Pressure Monitoring System	5310	\$3,214.00
Less Tire Pressure Monitoring System	5320	No Added Cost

Optional - *Select as desired*

▼ ETHER STARTING AID

Description	Code	Price
Ether Start Aid	9215	\$308.00
Compatible with engine coolant heater code 9225. Compatible with diesel fuel fired coolant heater AT418721. Ether canister is not part of this kit.		

▼ COOLANT HEATER

Description	Code	Price
Engine Coolant Heater, 120V	9225	\$185.00
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.		
Diesel Fired Coolant Heater with Kerosene Tank	9222	\$4,639.00
Only for use with Engine option 0944.		
Diesel Fired Coolant Heater	9221	\$4,533.00
Not for use with engine coolant heater options 9225 or 9300.		

▼ FUEL FILTRATION

Description	Code	Price
Severe Duty Fuel Filter	9250	\$350.00
Code 9250 or 9255 required for Engine code 0944.		
Heated Severe Duty Fuel Filter	9255	\$455.00
Code 9250 or 9255 required for Engine code 0944.		

▼ 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
Cannot order with code 9230.		

▼ OPERATOR'S MANUAL AND DECALS

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

▼ WINDSHIELD WIPERS

Description	Code	Price
Rear Windshield Wiper	9327	\$478.00

▼ RUST PROTECTION

Description	Code	Price
Non-Export Rust Preventive Coating	9909	\$226.00
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

▼ TOOLBOX

Description	Code	Price
Toolbox	9150	\$157.00

▼ MISCELLANEOUS

Description	Code	Price
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▼ 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.johndeere.com/techinfo 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
<u>Cold Start</u>		
Diesel Fuel-Fired Engine Coolant Heater Kit for FT4 Engines	AT436009	\$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	AT436008	\$4,533.00
Engine Block Heater, 120V (FT4 Engines)	AT377212	\$184.00
Engine Block Heater, 240V (Stage II Engines)	AT463605	\$184.00
May be used with Diesel-Fired Coolant Heater		
Ether Start Aid Kit for Stage II Engines	AT392214	\$303.00
Ether Starting Aid for IT4 engines	AT377256	\$307.00
<u>Hydraulics</u>		
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).		
<u>Operator Environment</u>		
Cigarette Lighter	AT448829	\$40.00
HVAC PreCleaner	AT445689	\$500.00
MP3/iPod/Sat Radio/Cell Phone holder w/ 2 Power Ports and Cargo Net	AT349372	\$154.00
kit includes a cargo net, bracket/holder, wire harness, 2 power ports, plastic holder, and instructions.		
WorkSafe BC Secondary Access Window	AT456170	\$840.00
Required for ADT in BC, Canada.		
<u>Overall Vehicle</u>		
Beacon Strobe kit	AT426730	\$285.00
Dump Body Heater Exhaust Connections for FT4 Engines	AT429614	\$4,490.00
Dump Body Heater Exhaust Connections for Stage II Engines	AT429612	\$4,490.00

Dump Body Rock Deflector Kit	AT441877	\$1,341.00
Recommended with low profile tire (code 4561). Only applicable with tailgate installed.		
Grease Steering Bushing Kit	AT454055	\$820.00
JDLink 4G LTE (MTG) Field Installed System	BYT10733	\$98.00
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Mechanical/Automatic Tailgate	BYT10487	\$17,950.00
On Board Weighing Kit	AT458044	\$2,040.00
Quick Fluid Service Field Kit	AT377246	\$513.00
For use with iT4 engine.		
Quick Fluid Service Field Kit	AT430820	\$513.00
For use with FT4 engine.		
Tire Pressure Monitoring Kit	AT458120	\$3,214.00
For 26.5/29.5 Wheels.		
Tire Pressure Monitoring Kit	AT458121	\$3,214.00
For Low Profile Wheels.		
<u>Powertrain</u>		
Fast Fuel System	AT429613	\$3,811.00
Severe-Duty Fuel Filter w/ Heater	AT427351	\$462.00
Severe-Duty Fuel Filter w/o Heater	AT427350	\$353.00

▼ REFERRAL ATTACHMENTS

Description	Code	Price
<u>G.R.Mfg.</u>		
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, Headboard	AT450049	\$2,074.00