



JOHN DEERE

Current Date 05Jul2018

605K CRAWLER LOADER

ENGINE:

John Deere PowerTech PVX
4.5L certified to IT4 / Stage
IIIB emissions
110 SAE Net hp (83 kW) @
2200 rpm
Isolation Mounted
No power Derating up to
10,000 ft Altitude
Electronic control with
automatic engine protection

Variable-Geometry
Turbocharger (VGT)
Exhaust Gas Recirculation
Diesel particulate filter
Electronically Controlled
Fuel Delivery System
Wet Sleeve Cylinder Liners
Vertical Spin-on Engine Oil
Filter
Vertical Spin on Dual Stage
Fuel Filter
Fuel/Water Sensor
Electric Fuel Primer
Vacuum-aspirated dual
element dry canister
Engine glow plug starting
system
Muffler, Self-Draining,
Under Hood, with Exhaust
Stack (remote mounted
on hood)
Environmental drain
provisions are provided for
the hydraulic oil,
engine oil, engine coolant,
transmission and fuel tank

COOLING SYSTEM:

Engine Coolant -34 Degree
F (-37 Degree C)
Coolant Recovery Tank
Quad-Cool, Tilt-out fan box,
suction type
Cool On Demand Hydraulic
Fan with automatic
reversing
Perforated engine hood and
side shields
10-Fin/in. Engine Coolant

Bucket Control Compatible
for Additional Functions
Hydraulic Diagnostic Ports
13 Gallon (49 Liter)
Independent Hydraulic Oil
Reservoir

POWER TRAIN:

Dual Path Hydrostatic
Transmission
Automatic Load Sensing for
Speed and Power
Management
AutoTracking Steering
Control
28 Gallon (106 Liter)
Hydrostatic Reservoir Tank

V-Pattern w/ Pedals or
Single Lever Joystick
Steering, Direction /
Speed Control with Counter
Rotation
Combined

Decelerator/Brake Pedal
Selectable reverse speed
ratios 100%, 115%, or
130% of forward ground
speed Electronic Control
with Automatic
Transmission Protection
Double Reduction Final
Drives with Wet Multi-Disk
Brakes
Integral Final Drive Seal
Protection
Primary and Secondary
Service Brakes (Conforms
to ISO 10265)

Automatic Spring-Applied,
Hydraulic Released Park
Brake - Lever
Operated (Conforms to ISO
10265)

Transmission Diagnostic
Ports
Transmission Decelerator

UNDERCARRIAGE:

Oscillating Undercarriage

Electronic Monitor System
with Audible and Visual
Warning:
Engine Coolant
Temperature
Transmission Oil
Temperature
Hydraulic Oil Temperature
Transmission Pressure
Low Alternator Voltage
Engine Air Filter Restriction

Hydraulic Filter Restriction
Transmission Filter
Restriction
Hydraulic Fan Filter
Restriction
Water in Fuel

Machine Diagnostic Service
Code

Indicator lights
Fasten-Seat-Belt
Return-To-Neutral
Park Brake

Calibration/Service Mode
Decelerator Function Mode
Digital Readout:

Tachometer
Alternator Voltage
Hourmeter
Machine Diagnostic Service
Code(s)

Transmission Charge
Pressure
Transmission Direction and
Speed

Diagnostic Service Codes
Monitor Settings
Calibration

Transmission Control
Settings

Machine Travel History
Gauges, Electric,
Illuminated:

Engine Coolant
Temperature
Engine Oil Pressure
Fuel Level

Electronic Engine Speed
Dial

<p>Radiator 10.2-Fin/in. Hydrostatic Oil-to-Air Cooler 10.2-Fin/in. Hydraulic Oil-to-Air Cooler 10.2-Fin/in. Charge Air Cooler (Air to Air) 6-Fin/in. Fuel Cooler Enclosed Safety Fan Guard (Conforms to SAE J1308 - ISO 3457)</p> <p>ELECTRICAL: 24 Volt System 100 Amp Sealed Alternator</p> <p>(2) Front Roof-Mounted and (2) Rear-Roof Mounted Halogen, and 2 rear reflectors Sealed Switch Module Bypass Start Safety Cover on Starter 24 Volt Electrical Load Center (2) Batteries with 190 Minute Reserve Capacity, 950 CCA Blade-Type Fuses Electrical Master Disconnect</p> <p>Positive Terminal Battery Covers Reverse Warning Alarm (Conforms to SAE J994, J1446, ISO 9533)</p> <p>HYDRAULICS: 36 gpm (135 L/min) Engine Mounted Piston Pump - Load Sensing Pilot Pressure Control System (2)Function Hydraulics for General Purpose Bucket - Single Lever</p>	<p>with Remote Lube 18 in. (460 mm) Closed Center Moderate Service Double-Grouser Track Shoes Adjustable Track Sag Segmented Sprockets Front & Rear Chain Guides with Bolt-on Wear Surfaces</p> <p>OPERATOR STATION: Modular Design Isolation Mounted ROPS/FOPS Operator Station (Conforms to SAE J1040 - ISO 3471) Manual/Hydraulic Operated Operator Station Tilt Feature Left and Right Front Access</p> <p>Floormat Interior and exterior sound treatment Slip-Resistant Steps and Ergonomically Located Handholds for Left, Right Access (Conforms to SAE J185 - ISO 2867) Air-suspension seat Thigh Support Lumbar Support Backrest Tilt Height, Weight and Fore-Aft</p> <p>Side Console Leg Cushions Adjustable Armrests Adjustable Foot Rests 3 in. (76 mm) Seat Belt with Retractors (Conforms to SAE J386 - ISO 6683) Lunch Box Storage Cupholders Built-in Operator's Manual Storage Compartment and Manual 12 Volt Power Port</p>	<p>Horn, Electric (Conforms to SAE J994, J1446, ISO 9533) Coded Keyless Start with Electric Fuel Shut Off Interior Mounted Rearview Mirror (Conforms to SAE J985)</p> <p>OVERALL VEHICLE: JDLink Ultimate wireless communication system NeverGrease Pin Joint Loader Linkage Unitized Mainframe with: Integral Bottom Protection Front tow loops and rear tie-down, tow loops Integral Machine Transport Tie-Downs Hinged, Bolt-on Bottom Access Covers Fold-out grill Perforated Engine Side Shields Left & Right Side Hinged Engine Access Panel Hinged Mounted Hood with Radiator Access Panel Transmission Rear Access Cover Hand holds for Machine Fueling Lockable Vandal Protection for: Engine Access Panel Side tank access doors Fuel tank Instrument Panel Transmission Reservoir Hydraulic Reservoir 47 Gallon (178 Liter) Fuel Tank: Shut Off Valve at Tank Outlet Water Drain on tank Fast-Fuel Installation Ready</p>
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Required - You must select one from each category



BASE MACHINE

Description	Code	Price
605K CRAWLER LOADER	9830T	\$163,552.00



MACHINE CONNECTIVITY

Description	Code	Price
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JDLINK Ultimate Cellular - 5 Years

170C In Base Price

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.

JDLINK Ultimate Satellite - 5 Years

170J \$1,936.00

The JDLINK satellite option includes a separate satellite gateway to connect to the global satellite network. The satellite gateway works with the 4G LTE MTG to automatically transmit data over a satellite network when a cellular network is not available. Includes JDLINK hardware: integrated cab wiring harness, antenna, 4G LTE modular telematics gateway (MTG), Wi-Fi data transfer, Blue Tooth capability, separate satellite gateway and JDLINK Ultimate dual mode 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.

▼ SPEED CONTROLS

Description	Code	Price
Joystick Steering with FNR, Variable Speed, Direction Control and Brake Pedal	3010	In Base Price
"V" Pattern Speed and Direction Control with Pedal Steering	3020	No Charge

▼ CANOPY OR CAB

Description	Code	Price
Canopy	5025	In Base Price

Includes floormat

Enclosed Cab with Polycarbonate Front Windshield	5075	\$30,294.00
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Includes:
 130 Amp Alternator
 Left and Right quarter hinged windows
 Tinted safety glass
 Dome light
 Fresh air intake heater/defroster (conforms to SAE J1503, J1535D)
 24,000 BTU air conditioning
 Floormat
 (3) Windshield wiper/washers for Windshield and Doors
 interior mounted rearview convex mirror, 4 in. (101.5 mm) wide and 8 in. (203 mm) long - (conforms to SAE J985)
 AM/FM/WB Radio with CD and additional power port.

5085 \$28,919.00

Cab with Air Conditioner and Heater

Includes:

130 Amp Alternator
 Left and Right quarter hinged windows
 Tinted safety glass
 Dome light
 Fresh air intake heater/defroster (conforms to SAE J1503, J1535D)
 24,000 BTU air conditioning
 Floormat
 (3) Windshield wiper/washers for Windshield and Doors
 interior mounted rearview convex mirror, 4 in. (101.5 mm) wide and 8 in.
 (203 mm) long - (conforms to SAE J985)
 AM/FM/WB Radio

SEAT

Description	Code	Price
Air Suspension Comfort Control High Back Vinyl Seat	5855	In Base Price

3 in. (76 mm) retractable seat belt.
 Backrest tilt, thigh support, lumbar, height, weight and fore-aft
 positioning.
 Requires Code 5025.

Air Suspension Comfort Control High Back Fabric Seat	5885	No Charge
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3 in. (76 mm) retractable seat belt.
 Backrest tilt, thigh support, lumbar, height, weight and fore-aft
 positioning.
 Requires Code 5075 or 5085.

Air Suspension Heated Comfort Control High Back Fabric Seat	5890	\$638.00
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3 in. (76 mm) retractable seat belt.
 Backrest tilt, thigh support, lumbar, height, weight and fore-aft
 positioning.
 Requires Code 5075 of 5085.

LOADER CONTROLS

Description	Code	Price
Dual Axis Joystick Loader Controls Without Front Hydraulics	7110	In Base Price

Dual Axis Joystick Loader Controls With Front Hydraulics	7120	\$6,002.00
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2 Lever Loader Controls Without Front Hydraulics	7130	\$563.00
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3 Lever Loader Controls with Front Hydraulics	7140	\$6,562.00
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FAN

Description	Code	Price
Hydraulic-Drive Engine Fan	3510	In Base Price

Auto-Reversing, Hydraulic-Drive Engine Fan	3520	\$1,786.00
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UNDERCARRIAGE

All Track Chain options are 38 Link, Sealed and Lubricated with 2-Bar Closed Center Grousers.

Description	Code	Price
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Track Shoes and Chain

Sealed and Lubed 38 link Track Chain with Full Width and Closed Center Grousers except as noted.

Closed Center Double Grouser	4520	In Base Price
18 In. (460 mm)		
20 In. (508 mm) Double Grouser	4525	\$646.00
Closed Center Grouser		

Track Shoes and Chain with Bushings

Sealed and Lubed 38 link Track Chain with Extended Life Bushings. Full Width and Closed Center Grousers except as noted.

Maximum Life Undercarriage and Extended Life Bushings with 18 In.(457 mm) Track Shoes	4720	\$2,507.00
Maximum Life Undercarriage and Extended Life Bushings with 20 in.(508mm) Track Shoes	4725	\$3,153.00

▼ GREASES, FUEL, OIL, & COOLANT

Description	Code	Price
Hydraulic And Hydrostatic Oil - Hydrau	8010	In Base Price
Standard Factory Fill. Provides All-Season Capability in Ambient Temperatures Ranging From -25C (-13F) to 50C (122F).		
Hydraulic And Hydrostatic Oil - Hydrau XR	8020	\$571.00
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).		

▼ BUCKETS

Description	Code	Price
Less Bucket	8705	In Base Price
General Purpose Bucket	8710	\$6,731.00
1.7 Cu. Yd. (1.3 Cu. M.)		
Multi-Purpose Bucket	8720	\$17,054.00
1.3 Cu. Yd. (1.0 Cu. M.), with Teeth and Back Drag Edge Requires code 7120 or 7140 hydraulics.		

▼ CUTTING EDGES

Description	Code	Price
Less Cutting Edges	8805	In Base Price
Bolt-On (Full Lip) Cutting Edges	8810	\$781.00
Bolt-On Segments and Teeth (8)	8820	\$2,396.00
Bolt-On Bucket Teeth (8)	8830	\$2,174.00

Optional - *Select as desired*

▼	HEATER		
	Description	Code	Price
	Under-Seat Canopy Heater for Canopy Crawlers	9125	\$1,340.00
	Requires code 5025, Canopy. 30,000 BTU		
▼	FILTER		
	Description	Code	Price
	Severe Duty Fuel Filter & Water Separator with Heater	9060	\$542.00
▼	ENGINE BLOCK HEATER		
	Description	Code	Price
	Engine Block Heater	9530	\$213.00
▼	CHAIN GUIDES OR ROCK GUARDS		
	Description	Code	Price
	Bolt-on Rock Guards - Full Length	9150	\$3,454.00
▼	SAMPLING PORTS		
	Description	Code	Price
	Fluid Sampling Ports	9070	\$185.00
▼	QUICK SERVICE		
	Description	Code	Price
	Quick Service Group	9075	\$741.00
▼	RELIEF VALVE		
	Description	Code	Price
	Hydraulic Track Adjuster Yoke Relief Valve	9400	No Charge
▼	HYDRAULIC CONTROLS		
	Description	Code	Price
	Auxiliary Hydraulic Controls and Plumbing for Rear Attachments	9090	\$5,792.00
▼	CYLINDER PROTECTION		
	Description	Code	Price
	Lift Cylinder Line Protection	9097	\$1,191.00
	Cylinder Protection for Multi-purpose Buckets	9098	\$547.00
	Requires Code 8720 bucket.		
▼	RUST PROTECTION		
	Description	Code	Price
	Non-Export Rust Preventive Coating	9909	\$156.00

WORK LIGHTS			
Description	Code	Price	
Optional LED Lights	9168	\$603.00	
12 VOLT POWER			
Description	Code	Price	
Additional Accessory 12 Volt Power Port	9370	\$230.00	
RIPPER			
Description	Code	Price	
Heavy Duty Parallelogram Ripper with 5 Shank Pockets and (3) Shank/Teeth	9187	\$11,568.00	
Requires code 9090, Rear Hydraulic Controls and Plumbing. When ordered, counterweight will be removed.			
LABEL KIT			
Description	Code	Price	
French Label Kit	9173	No Charge	
Spanish Label Kit	9178	No Charge	

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			
1.3 Cubic Yd (1.0 Cu M) Multipurpose 4-1 Bucket	AT386862	\$14,189.00	
Includes hydraulic hoses for front hydraulic bulkhead. Teeth and segments may be ordered separately.			
1.7 Cubic YD (1.9 Cu. M.) General Purpose Bucket	AT423056	\$7,107.00	
Teeth and segments may be ordered separately.			
Bolt-on Cutting Edges	AT423060	\$834.00	
For use with multipurpose or general-purpose buckets			
Bucket Teeth and Adapters	AT423057	\$2,087.00	
For use with multipurpose or general-purpose buckets			
Bucket Teeth and Adapters With Segments	AT423058	\$2,606.00	
For use with multipurpose or general-purpose buckets			
Cold Start			

110 Volt Engine Coolant Heater, (1000 Watt)	AT211191	\$95.00
Average installation, 0.5 hour		
Engine Coolant Heater	AT388232	\$37.00
Not for use with fuilid sampling ports		
<u>Frame Attachment</u>		
Radial Ripper, Three Shank	AT385695	\$12,580.00
Requires Auxiliary Controls and Plumbing for Rear Attachments (factory or field). Rear bumper sides/corners must be removed prior to installation.		
<u>Guards</u>		
Clam Cylinder Protection Kit for Multi-Purpose Bucket	AT423055	\$922.00
Lift Cylinder Line Protection	AT423053	\$1,242.00
<u>Hydraulics</u>		
2 Lever Control to Dual Axis Joystick Conversion Kit	AT367899	\$1,676.00
For use with General Purpose Bucket		
3 Lever Control to Dual Axis Joystick with solenoid valve Conversion Kit	AT368179	\$2,130.00
For use with Multi-Purpose Bucket		
Auxiliary Hydraulic Controls, and Plumbing For Rear Attachments	AT368166	\$2,493.00
Required for Ripper		
Dual Axis Joystick to 2 Lever Control Conversion Kit.	AT367883	\$1,429.00
For use with General Purpose Bucket		
Dual Axis Joystick to 2 Lever Control Conversion Kit.	AT368178	\$2,187.00
For use with Multi-Purpose Bucket		
Front Auxilliary Hydraulic Kit for use with 2-Lever Controls	AT368162	\$3,582.00
Includes 3 Lever Hydraulic Controls, Valve Section, and Hydraulic Hoses to Front Hydraulic Bulkhead Required When Multipurpose Bucket is Ordered.		
Front Auxilliary Hydraulic Kit for use with Dual-Axis Joystick	AT368147	\$1,762.00
Includes Solenoid Valve and Hydraulic Hoses to Front Hydraulic Bulkhead. Required When Multipurpose Bucket is Ordered.		
<u>Operator Environment</u>		
Additional 12V Power Port	AT368183	\$265.00
<u>Overall Vehicle</u>		

Additional Front Lights	AT368356	\$80.00
<u>Powertrain</u>		
Conversion Kit, Joystick to V-Pattern Control	AT365020	\$4,834.00
Conversion Kit, V-Pattern to Joystick Control	AT373295	\$2,386.00
Includes Footrest		
Fluid Sampling Ports	AT394540	\$188.00
Hydraulic-Drive Reversing Fan	AT368289	\$1,643.00
Quick Service Bank for Transmission, Hydraulic, Engine oil & Engine Coolant Fluid changes	AT393924	\$756.00
Severe-Duty Fuel Filter	AT422240	\$572.00

▼ 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		
Bumper, Rear Corner	AT422241	\$3,425.00
Guard, Fender	AT422251	\$1,146.00
Limb Risers, Rear	AT422248	\$2,482.00
Screen, Cab Door	AT392773	\$1,970.00
Screen, Cab Rear	AT392771	\$1,095.00
Screen, Cab Side	AT392772	\$1,726.00
Screen, Canopy Door and Front	AT392776	\$2,632.00
Screen, Canopy Rear	AT392774	\$985.00
Screen, Canopy Side	AT392775	\$1,726.00
Screen, Front Canopy	AT399453	\$1,752.00
Screens, Cab Full Enclosure	AT422249	\$11,627.00
Requires code 5075 Enclosed Cab with Polycarbonate Front Windshield Includes rear screen, condenser guard, side screens, door screens, rear limb riser, and rear corner bumper.		
Screens, Canopy Full Enclosure	AT422250	\$13,002.00
Includes all screens, rear limb riser, and rear corner bumper.		

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