



JOHN DEERE

Current Date 01Feb2017

605K CRAWLER LOADER

605K Standard Equipment

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

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:

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>Perforated engine hood and side shields 10-Fin/in. Engine Coolant 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) ELECTRICAL: 24 Volt System 100 Amp Sealed Alternator (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 Positive Terminal Battery Covers Reverse Warning Alarm (Conforms to SAE J994, J1446, ISO 9533) 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>Oscillating Undercarriage 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 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 Floor 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 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) 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

F.O.B. Dubuque, Iowa 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
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605K CRAWLER LOADER

9830T \$156,880.00

▼ MACHINE CONNECTIVITY

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

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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.

▼ SPEED & DIRECTION 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
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▼ HYDRAULIC-DRIVE ENGINE 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
18 In. (460 mm), Closed Center Double Grouser	4520	In Base Price
20 In. (508 mm), Closed Center Double Grouser	4525	\$646.00
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

▼ OPERATOR STATION

Description	Code	Price
Canopy	5025	In Base Price
Includes floormat		
Enclosed Cab with Polycarbonate Front Windshield	5075	\$30,294.00
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.		
Cab with Air Conditioner and Heater	5085	\$28,919.00
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

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 or 5085.

▼ LOADER CONTROLS & FRONT HYDRAULICS

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
2 Lever Loader Controls Without Front hydraulics	7130	\$563.00
3 Lever Loader Controls with Front Hydraulics	7140	\$6,562.00

▼ 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
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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).

▼ LOADER BUCKET

Description	Code	Price
Less Bucket	8705	In Base Price
1.7 Cu. Yd. (1.3 Cu. M.) General Purpose Bucket	8710	\$6,599.00
1.3 Cu. Yd. (1.0 Cu. M.) Multi-Purpose Bucket with Teeth and Back Drag Edge	8720	\$17,054.00

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	\$766.00
Bolt-On Segments and Teeth (8)	8820	\$2,396.00

Bolt-On Bucket Teeth (8)	8830	\$2,174.00
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Optional - *Select as desired*
 OPTIONAL EQUIPMENT - ORDER AS DESIRED

Description	Code	Price
<u>UNDERCARRIAGE</u>		
Bolt-on Rock Guards - Full Length	9150	\$3,454.00
Hydraulic Track Adjuster Yoke Relief Valve	9400	No Charge
<u>OPERATOR STATION</u>		
Under-Seat Canopy Heater for Canopy Crawlers	9125	\$1,340.00
Requires code 5025, Canopy. 30,000 BTU		
Work Lights, (2) Additional	9168	\$329.00
Adds two additional roof-mounted work lights.		
Additional Accessory 12 Volt Power Port	9370	\$230.00
<u>OVERALL VEHICLE</u>		
Severe Duty Fuel Filter & Water Separator with Heater	9060	\$542.00
Fluid Sampling Ports	9070	\$185.00
Quick Service Group	9075	\$741.00
Auxiliary Hydraulic Controls and Plumbing for Rear Attachments	9090	\$5,792.00
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.		
Engine Block Heater	9530	\$213.00
Non-Export Rust Preventive Coating	9909	\$156.00
<u>CYLINDER GUARDS</u>		
Lift Cylinder Line Protection	9097	\$1,191.00
Cylinder Protection for Multi-purpose Buckets	9098	\$547.00
Requires Code 8720 bucket.		
<u>EXPORT EQUIPMENT</u>		
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.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>Buckets:</u>		
1.3 Cubic Yd (1.0 Cu M) Multipurpose 4-1 Bucket	AT386862	\$13,911.00
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	\$6,865.00
Teeth and segments may be ordered separately.		
Bolt-on Cutting Edges	AT423060	\$806.00
For use with multipurpose or general-purpose buckets		
Bucket Teeth and Adapters	AT423057	\$2,016.00
For use with multipurpose or general-purpose buckets		
Bucket Teeth and Adapters With Segments	AT423058	\$2,517.00
For use with multipurpose or general-purpose buckets		
<u>Cold Start:</u>		
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 fluid sampling ports		
<u>Frame Attachment:</u>		
Radial Ripper, Three Shank	AT385695	\$12,151.00
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	\$890.00
Lift Cylinder Line Protection	AT423053	\$1,200.00
<u>HYDRAULICS</u>		
2 Lever Control to Dual Axis Joystick Conversion Kit	AT367899	\$1,676.00
For use with General Purpose Bucket		
	AT368179	\$2,058.00

3 Lever Control to Dual Axis Joystick with solenoid valve Conversion Kit

For use with Multi-Purpose Bucket

Auxiliary Hydraulic Controls, and Plumbing For Rear Attachments	AT368166	\$2,408.00
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Required for Ripper

Dual Axis Joystick to 2 Lever Control Conversion Kit.	AT367883	\$1,429.00
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For use with General Purpose Bucket

Dual Axis Joystick to 2 Lever Control Conversion Kit.	AT368178	\$2,113.00
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For use with Multi-Purpose Bucket

Front Auxiliary Hydraulic Kit for use with 2-Lever Controls	AT368162	\$3,460.00
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Includes 3 Lever Hydraulic Controls, Valve Section, and Hydraulic Hoses to Front Hydraulic Bulkhead
Required When Multipurpose Bucket is Ordered.

Front Auxiliary Hydraulic Kit for use with Dual-Axis Joystick	AT368147	\$1,702.00
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Includes Solenoid Valve and Hydraulic Hoses to Front Hydraulic Bulkhead.
Required When Multipurpose Bucket is Ordered.

Operator Environment:

Additional 12V Power Port	AT368183	\$265.00
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Overall Vehicle:

Additional Front Lights	AT368356	\$80.00
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Powertrain:

Conversion Kit, Joystick to V-Pattern Control	AT365020	\$4,834.00
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Conversion Kit, V-Pattern to Joystick Control	AT373295	\$2,386.00
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Includes Footrest

Fluid Sampling Ports	AT394540	\$185.00
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Hydraulic-Drive Reversing Fan	AT368289	\$1,619.00
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Quick Service Bank for Transmission, Hydraulic, Engine oil & Engine Coolant Fluid changes	AT393924	\$745.00
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Severe-Duty Fuel Filter	AT422240	\$564.00
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REFERRAL ATTACHMENTS

Description	Code	Price
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G.R. Mfg.:

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

	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.		
	AT422250	\$13,002.00
Includes all screens, rear limb riser, and rear corner bumper.		
Bumper, Rear Corner	AT422241	\$3,425.00
Guard, Fender	AT422251	\$2,428.00
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