



JOHN DEERE

Current Date 13Dec2018

## 655K CRAWLER LOADER

## ENGINE:

John Deere PowerTech PVS  
6.8L certified to FT4 / Stage  
IV emissions  
155 SAE Net hp (116 kW)  
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  
Cylindrical Dry Canister Air  
Cleaner  
Engine glow plug starting  
system  
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  
Perforated engine hood and  
side shields  
10.2-Fin/in. Engine Coolant  
Radiator  
10.2-Fin/in. Hydrostatic Oil-

Hydraulic Diagnostic Ports  
32.1 Gallon (121.5 Liter)  
Independent Hydraulic Oil  
Reservoir

## POWER TRAIN:

Dual Path Hydrostatic  
Transmission  
Automatic Load Sensing for  
Speed and Power  
Management  
AutoTracking Steering  
Control  
17.6 Gallon (66.6 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

to-Air Cooler	Oscillating Undercarriage	Fuel Level
10.2-Fin/in. Hydraulic Oil-to-Air Cooler	with Remote Lube	Electronic Engine Speed Dial
10.2-Fin/in. Charge Air Cooler (Air to Air)	20 in. (508 mm) Closed	
6-Fin/in. Fuel Cooler	Center Moderate Service	Horn, Electric (Conforms to SAE J994, J1446, ISO 9533)
Enclosed Safety Fan Guard (Conforms to SAE J1308 - ISO 3457)	Double-Grouser Track Shoes	
	Adjustable Track Sag	Coded Keyless Start with Electric Fuel Shut Off
	Segmented Sprockets	Interior Mounted Rearview Mirror (Conforms to SAE J985)
	Front & Rear Chain Guides with Bolt-on Wear Surfaces	
ELECTRICAL:	OPERATOR STATION:	OVERALL VEHICLE:
24 Volt System	Modular Design Isolation	Fuel Saving Eco Mode
100 Amp Sealed Alternator for cab units	Mounted ROPS/FOPS	JDLink Ultimate wireless communication system
(2) Front Roof-Mounted and (2) Rear-Roof Mounted Halogen, (1) Engine Compartment Lights, and 2 rear reflectors	Operator Station (Conforms to SAE J1040 - ISO 3471)	Rear View Camera with a Dedicated Monitor
Sealed Switch Module	Manual/Hydraulic Operated Operator Station Tilt Feature	Unitized Mainframe with: Integral Bottom Protection
Bypass Start Safety Cover on Starter		Integral front tow loop
24 Volt Electrical Load Center	Left and Right Front Access Floor	Integral Machine Transport Tie-Downs
(2) Batteries with 190 Minute Reserve Capacity, 950 CCA	Interior and exterior sound treatment	Hinged, Bolt-on Bottom Access Covers
Blade-Type Fuses	Slip-Resistant Steps and Ergonomically Located Handholds for Left, Right Access (Conforms to SAE J185 - ISO 2867)	Maintenance Free Center Crossbar Pivot
Electrical Master Disconnect	Air-suspension seat	Fold-out grill
Positive Terminal Battery Covers	Thigh Support	Perforated Engine Side Shields
Reverse Warning Alarm (Conforms to SAE J994, J1446, ISO 9533)	Lumbar Support	Left & Right Side Hinged Engine and Cooling System Access Panels
	Backrest Tilt	Transmission Rear Access Cover
	Height, Weight and Fore-Aft	Ground Level Fueling
	Side Console Leg Cushions	Lockable Vandal Protection for:
HYDRAULICS:	Adjustable Armrests	Engine Access Panel
50 gpm (189 L/min) Engine Mounted Piston Pump - Load Sensing	Adjustable Foot Rests	Side tank access doors
Pilot Pressure Control System	3 in. (76 mm) Seat Belt with Retractors (Conforms to SAE J386 - ISO 6683)	Fuel tank
(2)Function Hydraulics for General Purpose Bucket - Single Lever	Lunch Box Storage	Transmission Reservoir
Bucket Control Compatible for Additional Functions	Cupholders	Hydraulic Reservoir
	Built-in Operator's Manual Storage Compartment and Manual	69.5 Gallon (263 Liter) Fuel Tank:
	12 Volt Power Port	Shut Off Valve at Tank Outlet
		Water Drain on tank

Required - *You must select one from each category*



BASE MACHINE

Description	Code	Price
655K CRAWLER LOADER	9820T	\$226,636.00

▼ MACHINE CONNECTIVITY

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.

JDLINK Ultimate Satellite - 5 Years	170J	\$1,936.00
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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](http://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](http://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	No Added Cost

"V" Pattern Speed and Direction Control with Pedal Steering	3020	No Added Cost
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▼ CANOPY OR CAB

Description	Code	Price
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  
Floor mat  
(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
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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

#### SEAT

Description	Code	Price
Air Suspension Comfort Control High Back Fabric Seat	5885	No Added Cost

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	No Added Cost

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	No Added Cost

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

Description	Code	Price
<a href="#">Track Shoes and Chain</a>		

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

Closed Center Double Grouser	4520	(\$660.00)
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20 In. (508 mm)

22 In. (560 mm), Closed Center Double Grouser	4530	No Added Cost
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### 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.

20 In. (508 mm), Closed Center Double Grouser with Extended Life Bushings	4620	\$1,899.00
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22 In. (560 mm), Closed Center Double Grouser with Extended Life Bushings	4630	\$2,558.00
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### GREASES, FUEL, OIL, & COOLANT

Description	Code	Price
Hydraulic And Hydrostatic Oil - Hydrau	8010	No Added Cost

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).

### BUCKETS

Description	Code	Price
Less Bucket	8705	No Added Cost

General Purpose Bucket	8710	\$9,265.00
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2.4 Cu. Yd. (1.85 Cu. M.)

Multi-Purpose Bucket	8720	\$19,535.00
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2.1 Cubic Yard (1.6 Cu. M. )  
Requires code 7120 or 7140 hydraulics.

### CUTTING EDGES

Description	Code	Price
Less Cutting Edges	8805	No Added Cost

Bolt-On (Full Lip) Cutting Edges	8810	\$1,450.00
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Bolt-On Segments and Teeth (8)	8820	\$2,396.00
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Bolt-On Bucket Teeth (8)	8830	\$2,174.00
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Optional - *Select as desired*

▼ 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	
▼ AIR PRE-CLEANER			
Description	Code	Price	
Single Stage Rotary Ejector Engine Air Precleaner	9130	\$1,028.00	
Included with Custom Works Installed Landfill Package			
▼ CHAIN GUIDES OR ROCK GUARDS			
Description	Code	Price	
Bolt-on Rock Guards - Full Length	9150	\$3,454.00	
Final Drive Trash Guards	9160	\$1,806.00	
Included with CustomWorks Installed Landfill Package			
▼ SAMPLING PORTS			
Description	Code	Price	
Fluid Sampling Ports	9070	\$185.00	
▼ QUICK SERVICE			
Description	Code	Price	
Quick Service Group	9075	\$741.00	
▼ HYDRAULIC CONTROLS			
Description	Code	Price	
Auxiliary Hydraulic Controls and Plumbing for Rear Attachments	9090	\$5,792.00	
▼ LANDFILL PACKAGE			
Description	Code	Price	
Landfill Package	9010	\$5,106.00	
Requires Code 3520 and 5075. Not For Use With 9187 or 9340. Includes Final Drive Trash Guards, Two Additional Front Lights, Rotary Precleaner and All Cylinder Guards. Requires AT426083. Recommend: Trapezoidal hole shoes and rear striker bars.			

CYLINDER PROTECTION			
Description	Code	Price	
Lift Cylinder Line Protection	9097	\$1,191.00	
Included with CustomWorks Installed Landfill Package			
Cylinder Protection for Multi-purpose Buckets	9098	\$547.00	
Requires Code 8720 bucket. Included with CustomWorks Installed Landfill Package.			
Bucket Cylinder Protection	9096	\$1,291.00	
Included with CustomWorks Installed Landfill Package			
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	
HITCH LOOP			
Description	Code	Price	
Retrieval Hitch Loop	9340	\$325.00	
Not for use with code 9197 Ripper or code 9010 Landfill Package			
RIPPER			
Description	Code	Price	
Heavy Duty Parallelogram Ripper with 5 Shank Pockets and (3) Shank/Teeth	9187	\$15,122.00	
Not for use code 9010 Requires code 9090, Rear Hydraulic Controls and Plumbing. When ordered, counterweight will be removed.			
LABEL KIT			
Description	Code	Price	
French Label Kit	9173	No Added Cost	
Spanish Label Kit	9178	No Added Cost	

## 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](http://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>		
2.1 Cubic Yd (1.6 Cu M) Multipurpose 4-1 Bucket With Hydraulic Hoses From Front Hydraulic Bulkhead - Teeth and Segments	AT464306	\$17,483.00
2.4 Cubic Yd (1.85 Cu M) General Purpose Bucket	AT415204	\$9,499.00
Teeth and segments may be ordered separately.		
2.4 Cubic Yd (1.85 Cu M) General Purpose Bucket - Teeth and Segments to be Ordered Separately, if desired.	BYT10026	\$9,499.00
Bolt-on Cutting Edges	AT415212	\$1,487.00
For use with multipurpose or general-purpose buckets		
Bucket Teeth and Adapters	AT415211	\$2,572.00
For use with multipurpose or general-purpose buckets		
<u>Cold Start</u>		
Engine Coolant Heater	AT388232	\$37.00
Not for use with fluid sampling ports		
<u>Guards</u>		
Bucket Cylinder Protection Kit	AT418009	\$1,252.00
Clam Cylinder Protection Kit for Multi-Purpose Bucket	AT418010	\$868.00
Final Drive Seal Trash Guards	AT357218	\$1,671.00
Average installation, 2 hours. Seal guards are for dry conditions, like trash applications or demolition and NOT for wet/muddy conditions.		
Lift Cylinder Line Protection	AT418050	\$1,170.00
<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	AT368058	\$2,009.00



For use with Multi-Purpose Bucket		
Dual Axis Joystick to 2 Lever Control Conversion Kit.	AT367883	\$1,429.00
For use with General Purpose Bucket		
Front Auxiliary Hydraulic Kit for use with Dual-Axis Joystick	AT367951	\$1,662.00
Includes Solenoid Valve and Hydraulic Hoses to Front Hydraulic Bulkhead. Required When Multipurpose Bucket is Ordered.		
<u>Miscellaneous</u>		
3 Lever Control to Dual Axis Joystick with solenoid valve Conversion Kit.	AT464312	\$2,009.00
Auxiliary Hydraulic Controls, and Plumbing For Rear Attachments	AT464309	\$2,350.00
Dual Axis Joystick with solenoid valve to 3 Lever Control Conversion Kit.	AT464311	\$2,061.00
Fluid Sampling Valves	AT464314	\$184.00
Front Auxiliary Hydraulic Kit	AT464307	\$1,662.00
Front Auxiliary Hydraulic Kit	AT464308	\$3,378.00
Multi Shank Radial Ripper With 3 Shanks	AT464310	\$15,502.00
Quick Service Options	AT464315	\$721.00
Reversing Fan Drive	AT464313	\$1,581.00
Severe Duty Fuel Filter	AT464720	\$550.00
<u>Operator Environment</u>		
Additional 12V Power Port	AT368183	\$265.00
<u>Overall Vehicle</u>		
Additional Front Lights	AT368356	\$80.00
Custom Works Installed Landfill Package	AT426083	\$19,776.00
Requires Code 9010. Includes rear corner bumper, fender guards, prescreen guard, bucket trash rack. Comar number of tractor must be included with order.		
<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		
	AT355770	\$233.00

## Engine Intake PreCleaner

For use with 850K's below serial number 239651 and 655K's.

Fluid Sampling Ports	AT394511	\$184.00
Hydraulic-Drive Reversing Fan	AT368297	\$1,580.00
Quick Service Bank for Transmission, Hydraulic, Engine oil & Engine Coolant Fluid changes	AT393917	\$721.00
Severe-Duty Fuel Filter	AT419231	\$550.00
Severe-Duty Fuel Filter	AT422240	\$572.00

## REFERRAL ATTACHMENTS

Description	Code	Price
<a href="#">G.r.mfg.</a>		
Bumper, Rear Corner	AT401659	\$4,087.00
Custom Code 92C1 Less Rear Counterweight is recommended. Included with CustomWorks Installed Landfill Package. Not For Use with rippers 9187 or 9340. Required with Limb Risers, Rear Includes integral retrieval hitch.		
Guard, Fender	AT419238	\$1,836.00
Included with CustomWorks Installed Landfill Package		
Landfill Rear Strikers	AT420393	\$2,418.00
Limb Risers, Rear	AT419235	\$2,582.00
Requires Bumper, Rear Corner		
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	AT419236	\$12,389.00
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	AT419237	\$13,764.00

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Includes all screens, rear limb riser, and rear corner bumper.

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Trash Rack, General-Purpose Bucket	AT401662	\$2,109.00
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Included with CustomWorks Installed Landfill Package

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