



Current Date 03Jan2020

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-
to-Air Cooler

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:

12 Volt Power Port
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

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 for cab units
(2) Front Roof-Mounted and (2) Rear-Roof Mounted Halogen, (1) Engine Compartment Lights, 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:

50 gpm (189 L/min) Engine Mounted Piston Pump - Load Sensing
Pilot Pressure Control System
(2)Function Hydraulics for General Purpose Bucket - Single Lever
Bucket Control Compatible for Additional Functions

Oscillating Undercarriage with Remote Lube
20 in. (508 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

Electronic Engine Speed Dial
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:

Fuel Saving Eco Mode
JDLink Ultimate wireless communication system
Rear View Camera with a Dedicated Monitor
Unitized Mainframe with: Integral Bottom Protection
Integral front tow loop
Integral Machine Transport Tie-Downs
Hinged, Bolt-on Bottom Access Covers
Maintenance Free Center Crossbar Pivot
Fold-out grill
Perforated Engine Side Shields
Left & Right Side Hinged Engine and Cooling System Access Panels
Transmission Rear Access Cover
Ground Level Fueling
Lockable Vandal Protection for:
Engine Access Panel
Side tank access doors
Fuel tank
Transmission Reservoir
Hydraulic Reservoir
69.5 Gallon (263 Liter) Fuel Tank:
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	\$233,435.00



MACHINE CONNECTIVITY

Description	Code	Price
JDLink Ultimate 5 Year Subscription Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and now includes all Ultimate Connectivity features - Wireless Data Transfer (WDT) enabling automatic data transfer from TimberMatic and Waratah H16 Measuring Systems to TimberManager and MyJohnDeere, supporting TimberOffice 5 Software. Additionally, Ultimate now includes Limited Internet features supporting optional ForestSight Solutions such as advance mapping systems and Remote Display Access (RDA) features supported by TeamViewer applications. 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.	170C	No Added Cost
JDLink Ultimate Dual 5 Year Subscription	170J	\$1,936.00

Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and now includes all cellular dependent Ultimate Connectivity features - Wireless Data Transfer (WDT) enabling automatic data transfer from TimberMatic and Waratah H16 Measuring Systems to TimberManager and MyJohnDeere, supporting TimberOffice 5 Software. Additionally, Ultimate Dual now includes Limited Internet features supporting optional ForestSight Solutions such as advance mapping systems and Remote Display Access (RDA) features supported by TeamViewer applications when cellular signal is available. JD Link Ultimate Dual works with the 4G LTE MTG to automatically transmit compressed summary data over a satellite network when a cellular network is not available. 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	No Added Cost
"V" Pattern Speed and Direction Control with Pedal Steering	3020	No Added Cost



CANOPY OR CAB

Description	Code	Price
Enclosed Cab with Polycarbonate Front Windshield	5075	\$31,203.00
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	\$29,787.00
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 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	\$657.00
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	\$6,182.00
2 Lever Loader Controls Without Front Hydraulics	7130	\$580.00
3 Lever Loader Controls with Front Hydraulics	7140	\$6,759.00



FAN

Description	Code	Price
Hydraulic-Drive Engine Fan	3510	No Added Cost
Auto-Reversing, Hydraulic-Drive Engine Fan	3520	\$1,840.00

▼ UNDERCARRIAGE

Description	Code	Price
<u>Track Shoes and Chain</u> Sealed and Lubed 38 link Track Chain with Full Width and Closed Center Grousers except as noted.		
Closed Center Double Grouser 20 In. (508 mm)	4520	(\$645.00)
22 In. (560 mm), Closed Center Double Grouser	4530	No Added Cost
<u>Track Shoes and Chain with Bushings</u> 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	\$1,956.00
22 In. (560 mm), Closed Center Double Grouser with Extended Life Bushings	4630	\$2,635.00

▼ GREASES, FUEL, OIL, & COOLANT

Description	Code	Price
Hydraulic And Hydrostatic Oil - Hydrau Standard Factory Fill. Provides All-Season Capability in Ambient Temperatures Ranging From -25C (-13F) to 50C (122F).	8010	No Added Cost
Hydraulic And Hydrostatic Oil - Hydrau XR 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).	8020	\$588.00

▼ BUCKETS

Description	Code	Price
Less Bucket	8705	No Added Cost
General Purpose Bucket 2.4 Cu. Yd. (1.85 Cu. M.)	8710	\$9,543.00
Multi-Purpose Bucket 2.1 Cubic Yard (1.6 Cu. M.) Requires code 7120 or 7140 hydraulics.	8720	\$20,121.00

CUTTING EDGES			
Description	Code	Price	
Less Cutting Edges	8805	No Added Cost	
Bolt-On (Full Lip) Cutting Edges	8810	\$1,494.00	
Bolt-On Segments and Teeth (8)	8820	\$2,468.00	
Bolt-On Bucket Teeth (8)	8830	\$2,239.00	

Optional - *Select as desired*

FILTER			
Description	Code	Price	
Severe Duty Fuel Filter & Water Separator with Heater	9060	\$558.00	

ENGINE BLOCK HEATER			
Description	Code	Price	
Engine Block Heater	9530	\$219.00	

AIR PRE-CLEANER			
Description	Code	Price	
Single Stage Rotary Ejector Engine Air Precleaner	9130	\$1,059.00	
Included with Custom Works Installed Landfill Package			

CHAIN GUIDES OR ROCK GUARDS			
Description	Code	Price	
Bolt-on Rock Guards - Full Length	9150	\$3,558.00	
Final Drive Trash Guards	9160	\$1,860.00	
Included with CustomWorks Installed Landfill Package			

SAMPLING PORTS			
Description	Code	Price	
Fluid Sampling Ports	9070	\$191.00	

QUICK SERVICE			
Description	Code	Price	
Quick Service Group	9075	\$763.00	

HYDRAULIC CONTROLS			
Description	Code	Price	
Auxiliary Hydraulic Controls and Plumbing for Rear Attachments	9090	\$5,966.00	

LANDFILL PACKAGE			
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Description	Code	Price
Landfill Package	9010	\$5,259.00

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	\$1,227.00

Included with CustomWorks Installed Landfill Package

Cylinder Protection for Multi-purpose Buckets	9098	\$563.00
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Requires Code 8720 bucket.
 Included with CustomWorks Installed Landfill Package.

Bucket Cylinder Protection	9096	\$1,330.00
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Included with CustomWorks Installed Landfill Package

▼ RUST PROTECTION

Description	Code	Price
Non-Export Rust Preventive Coating	9909	\$161.00

▼ WORK LIGHTS

Description	Code	Price
Optional LED Lights	9168	\$621.00

▼ 12 VOLT POWER

Description	Code	Price
Additional Accessory 12 Volt Power Port	9370	\$237.00

▼ HITCH LOOP

Description	Code	Price
Retrieval Hitch Loop	9340	\$335.00

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	\$15,576.00

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 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		
2.1 Cubic Yd (1.6 Cu M) Multipurpose 4-1 Bucket With Hydraulic Hoses From Front Hydraulic Bulkhead - Teeth and Segments	AT464306	\$17,833.00
2.4 Cubic Yd (1.85 Cu M) General Purpose Bucket	AT415204	\$9,689.00
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	\$9,689.00
Bolt-on Cutting Edges	AT415212	\$1,517.00
For use with multipurpose or general-purpose buckets		
Bucket Teeth and Adapters	AT415211	\$2,623.00
For use with multipurpose or general-purpose buckets		
Cold Start		
Engine Coolant Heater	AT388232	\$38.00
Not for use with fuilid sampling ports		
Guards		
Bucket Cylinder Protection Kit	AT418009	\$1,277.00
Clam Cylinder Protection Kit for Multi-Purpose Bucket	AT418010	\$885.00
Final Drive Seal Trash Guards	AT357218	\$1,704.00
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	\$1,193.00

Hydraulics

2 Lever Control to Dual Axis Joystick Conversion Kit	AT367899	\$1,710.00
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For use with General Purpose Bucket

Dual Axis Joystick to 2 Lever Control Conversion Kit.	AT367883	\$1,458.00
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For use with General Purpose Bucket

Miscellaneous

3 Lever Control to Dual Axis Joystick with solenoid valve Conversion Kit.	AT464312	\$2,049.00
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Auxiliary Hydraulic Controls, and Plumbing For Rear Attachments	AT464309	\$2,397.00
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Dual Axis Joystick with solenoid valve to 3 Lever Control Conversion Kit.	AT464311	\$2,102.00
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Fluid Sampling Valves	AT464314	\$188.00
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Front Auxiliary Hydraulic Kit	AT464307	\$1,695.00
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Front Auxiliary Hydraulic Kit	AT464308	\$3,446.00
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Multi Shank Radial Ripper With 3 Shanks	AT464310	\$15,812.00
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Quick Service Options	AT464315	\$735.00
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Reversing Fan Drive	AT464313	\$1,613.00
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Severe Duty Fuel Filter	AT464720	\$561.00
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Operator Environment

Additional 12V Power Port	AT368183	\$270.00
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Overall Vehicle

Additional Front Lights	AT368356	\$82.00
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Custom Works Installed Landfill Package	AT426083	\$20,172.00
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Requires Code 9010.
Includes rear corner bumper, fender guards, prescreen guard, bucket trash rack.
Comar number of tractor must be included with order.

Powertrain

Conversion Kit, Joystick to V-Pattern Control	AT365020	\$4,931.00
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Conversion Kit, V-Pattern to Joystick Control	AT373295	\$2,434.00
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Includes Footrest

Engine Intake PreCleaner	AT355770	\$238.00
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For use with 850K's below serial number 239651 and 655K's.

Fluid Sampling Ports	AT394511	\$188.00
Hydraulic-Drive Reversing Fan	AT368297	\$1,612.00
Quick Service Bank for Transmission, Hydraulic, Engine oil & Engine Coolant Fluid changes	AT393917	\$735.00
Severe-Duty Fuel Filter	AT419231	\$561.00
Severe-Duty Fuel Filter	AT422240	\$583.00

▼ REFERRAL ATTACHMENTS

Description	Code	Price
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		
Bumper, Rear Corner	AT401659	\$4,696.00
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.		
Fender Guard	BYT11551	\$1,836.00
Guard, Fender	AT419238	\$1,836.00
Included with CustomWorks Installed Landfill Package		
Landfill Rear Strikers	AT420393	\$1,960.00
Limb Risers, Rear	AT419235	\$2,142.00
Requires Bumper, Rear Corner		
Screen, Cab Door	AT392773	\$1,970.00
Screen, Cab Rear	AT392771	\$895.00
Screen, Cab Side	AT392772	\$1,726.00
Screen, Canopy Door and Front	AT392776	\$1,632.00
Screen, Canopy Rear	AT392774	\$985.00
Screen, Canopy Side	AT392775	\$1,226.00
Screen, Front Canopy	AT399453	\$934.00
Screens, Cab Full Enclosure	AT419236	\$11,429.00

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	\$11,611.00
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Includes all screens, rear limb riser, and rear corner bumper.

Trash Rack, General-Purpose Bucket	AT401662	\$2,410.00
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Included with CustomWorks Installed Landfill Package
