



Current Date 13Jan2017

344K FOUR WHEEL DRIVE LOADER

344K Standard Equipment

ENGINE:

John Deere PowerTech E 4.5
L
98 SAE Net Horsepower (73
kW) Isolation Mounted with
Meets EPA Interim Tier 4
and EU Stage III B Emissions

Turbocharger provides
Spark Arresting
Engine Coolant -34 Degree
F(-37 Degree C)

Spin-On Engine Oil and Fuel
Filters

Fuel/Water Separator with
Primer Pump

Dual Safety Element Dry-
Type Air Cleaner with Dust
Evacuator Valve and
Prescreener

Muffler, Under Hood, with
Vertical Curved End Exhaust
Stack

Automatic Glow Plugs for
Cold Start

Environmental Drain Valve

COOLING:

Integral Engine Oil Cooler
Hydraulic Oil Cooler (Oil to
Air)

Transmission Oil Cooler (Oil
to Air)

Inter Cooler (Air to Air)

Coolant Recovery Tank

Antifreeze, -34F (-37 C)

Proportionally Controlled,

Hydraulically Driven Fan

Enclosed Safety Fan Guard
(Conforms to SAE J1308)

ELECTRICAL:

12 Volt System

90 Amp Alternator

(2) Batteries with 1700 CCA

Master Disconnect

Bolt-Down and Blade-Type

Combined

Hydrostatic/Hydraulic Oil
Reservoir with Sight Glass

TRANSMISSION:

Single Lever Shift Control,
F-N-R and 2 Speed Ranges,
Hydrostatic Transmission
with Infinite Speed Control
Inching Pedal

Vertical Filter Element

AXLES:

Fixed Front Axle

Rear Center Pivot Axle with
10 Degree Oscillation Angle
each side

Heavy-Duty Outboard

Planetary Final Drives

Front Hydraulically Locking

Differential and Rear

Conventional

Differential Axles

BRAKES:

Service Brakes; Hydraulically
Actuated and Adjustment

Free Park Brake;

Automatic Spring-Applied,

Hydraulic-Released Disk

Type Mounted on Axle

Driveshaft

STEERING:

Hydraulic Power Steering -
Single Cylinder

30 Degree Articulation Left

and Right w/ Mechanical

Actuated Rear

Wheel Steer

OPERATOR'S STATION:

Modular Design ROPS/FOPS
Cab, Isolation Mounted

(Conforms to SAE J1040,
J231, ISO 3471, ISO 3449)

Steel Roof

Left and Right Side Access

Slip-Resistant Steps and

Engine Coolant Temperature

Fuel Gauge

Speedometer

Hourmeter

Indicator Lights:

Engine Air Filter

Park Brake Actuated

Forward-Reverse Travel

I or II Speed Range

Turn Signal and Hazard

Lights

High Beam Indicator

Battery Voltage

Floormat

Horn, Electric (Conforms to
SAE J994, J1446)

Key Start Switch with

Electric Fuel Shut-Off

Interior Mounted Rearview

Convex Mirror (Conforms to
SAE J985)

Two Exterior Convex Mirrors

(Conforms to SAE J985)

Built-In Operator's Manual

Storage Compartment and

Manual

LOADER:

Less Bucket with Bucket

Pins

Z-Bar Linkage

Automatic Boom Height

Control

Return to Dig Feature

Bucket Level Indicator

Boom Float

Two Function Hydraulic

Valve with Single Lever Pilot

Operated Control

Loader Boom Service Lock

(Conforms to SAE J38)

OVERALL VEHICLE:

Articulation Locking Bar,

Self-Storing

(Conforms to SAE J276)

Multi-Fused Circuits Electrical Load Center In Operator Station Bypass Start Safety Cover on Starter Positive Terminal Battery Covers Lights (Conforms to SAE J99): (2) Driving / (2) Front Working Halogen Lights (2) Rear Working Halogen Lights (2) Front and (2) Rear Turn/Flashing (2) Rear Stop Lights (2) Rear Reflectors Reverse Warning Alarm (conforms to SAE J994, J1446) HYDRAULIC SYSTEM: 25 GPM (93.7 L/Min) Engine Mounted Gear Pump - Open Center	Ergonomically Located Handholds (Conforms to SAE J185) Tilt Steering Column and Front Console Steering Wheel with Spinner Seat, Deep Foam, Fabric, Mechanical Suspension for Weight/Height, Fore-Aft Adjustment, Backrest Tilts and Adjustable Arm Rests, 2 In. (51 mm) Seat Belt with Retractor (Conforms to SAE J386) Electronic Monitor System with Audible and Visual Warning: Engine Oil Pressure Engine Pre-Heat HST Transmission Oil Temperature Gauges, Electric, Illuminated	Oscillating Frame Articulation Front and Rear Fenders Integral Loader Frame and Engine Frame Lift Eyes Integral Front Tie Down Eyes Rear Counterweight with Integral Drawbar with Pin Rear Bottom Guard Vandal Protection Locking for: Engine Enclosure Fuel Fill 42 gal. (160 l) Fuel Tank with Integral Drain and Guard Environmental drain hose Reverse Warning Alarm (Conforms to SAE J994, J1446) Loader not approved for solid or foam tires.
--	--	---

Required - *You must select one from each category*

▼ BASE MACHINE

344K CODES WILL NOT BECOME ACTIVE UNTIL 344J INVENTORY AT PORT IS REDUCED F.O.B. Baltimore, Maryland

Description	Code	Price
344K FOUR WHEEL DRIVE LOADER	06R0T	\$139,067.00

▼ OPERATOR STATION

Description	Code	Price
Cab w/ Heater and Air Conditioning	8422	\$5,389.00

Air Conditioning, fresh air heater, defroster and pressurizer.
Headliner, floor mat and insulated floor.
Tinted safety glass, front and rear three-pane windows
with clear joint seals.
Intermittent front and rear wipers and washers.
Fabric mechanical suspension seat with 2-in.
(51-mm) seat belt with retractors (conforms to SAE
J386).
One interior rear view convex mirror.
(2) exterior convex mirrors.
Full width sun visor.

▼ ENGINE

Description	Code	Price
John Deere PowerTech PVX 4.5L meets EPA IT4 and EU Stage IIIB Emissions (98 Net Peak hp)	0914	\$6,504.00

Turbocharged
 Wet Sleeve Cylinder Liners
 Automatic Glow Plugs
 Starter Protection
 Automatic Derating for Exceeded System Temperatures
 Electronically Controlled Fuel Delivery System
 Serpentine Drive Belt with Automatic Tensioner
 Under Hood Dual Element Air Cleaner with Restriction Indicator
 Under Hood Prescreened Air Intake
 Under Hood Muffler with Curved Exhaust Stack
 Dual-Stage Fuel Filter and Water Separator 500 Hour Vertical Spin-on Oil Filter

HYDRAULIC SYSTEM

Description	Code	Price
2 Function Hydraulics with Single Lever Joystick	2836	In Base Price

NOTE:
 * 1 lever controls boom and bucket.

Three Function, Joystick FNR Control with Third Function Control Lever	2840	\$3,254.00
--	------	------------

NOTE:
 * 1 lever controls boom and bucket, 2nd lever controls auxiliary function.
 * Includes third function lines to loader cross tube.
 * For M.P. bucket and front attachments.

RIDE CONTROL

Description	Code	Price
Less Ride Control	3000	In Base Price

Ride Control	3010	\$3,697.00
--------------	------	------------

WHEELS AND TIRES

Description	Code	Price
17.5R-25 In. L2 XTLA Michelin Single Star Radial Tires	4367	\$11,747.00

17.5R25 XHA Michelin L3 Single Star Radial Tires	4370	\$11,225.00
--	------	-------------

17.5-25 Goodyear SGL-D/L 2A 12PR Bias Tires	4372	\$8,290.00
---	------	------------

17.5/80 R25 Bridgestone VUT L2 Radial Tires	4380	\$12,768.00
---	------	-------------

WORK TOOLS

Description	Code	Price
Less Bucket with Pins	8550	In Base Price

2.0 Cu.Yd. (1.5 Cu.M.) General Purpose Pin-On Bucket with Skid Shoes and Bolt-on Cutting Edge	8583	\$5,177.00
---	------	------------

94.5-in. (2.40 M.) overall width.
 Includes two built-in lift loops.
 Recommended for material up to 2975 lb. (1349 kg.) per yard.

Hi-Vis ISO Euro-Style Quick Coupler less Bucket	8590	\$3,697.00
HiVis Quick Coupler with 2.0 Cu.Yd.(1.5 Cu.M.) General Purpose Coupler Bucket and Bolt on Cutting Edges	8594	\$8,944.00
94.5-in. (2.40 M.) overall width.		

Optional - *Select as desired*

OPTIONAL EQUIPMENT - ORDER AS DESIRED

Description	Code	Price
<u>OVERALL VEHICLE</u>		
Coupler Fork Frame Carriage with 47 in. (1200 mm) Forks	9200	\$3,283.00
Requires code 8590 or 8594 Coupler		
<u>NON-ENGLISH MANUALS</u>		
Translated Customer Delivery Packets can be ordered using the John Deere Technical Information Bookstore at http://www.johndeeretechno.com at no charge. The Translated Delivery Packets include the Operator Manual, Decal Kit, Warranty Information Booklet, and Uptime Maintenance Planner. Search for and order the Translated Delivery Packets by model and language that meets your customer requirements. A listing of all Translated Delivery Packets available can be found by selecting Translated Delivery Packets from the Manual Type dropdown list. Technical support is available by calling 1-866-213-3373.		

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.johndeeretechno.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
<u>Buckets, Coupler:</u>		
All bucket capacity ratings are with auxiliary cutting edge or teeth with segments installed.		
1.75 Cu. Yd. (1.3 Cu. M.) General Purpose Coupler Bucket with Skid Shoes and Bolt-on Cutting Edge	AT329582	\$4,368.00
2.0 Cu. Yd. (1.5 Cu. M.) General Purpose Coupler Bucket with Skid Shoes and Bolt-on Cutting Edge	AT329925	\$5,370.00
<u>Buckets, Pin-On:</u>		
All bucket capacity ratings are with auxiliary cutting edge or teeth with segments installed.		
2.0 Cu. Yd. (1.5 Cu. M.) General Purpose Pin-On Bucket with Skid Shoes and Bolt-on Cutting Edge	AT329555	\$4,880.00
<u>Couplers:</u>		
Hi-Vis ISO Euro-Style Quick Coupler	AT366409	\$3,882.00
<u>Forks:</u>		
Coupler Fork Frame Carriage with 47 in. (1200 mm) Forks	AT329556	\$3,673.00

Width of Fork Carrier is 70 in. (1778 mm).

HYDRAULICS

3rd Function Hydraulics Kit with Detent	AT374651	\$3,694.00
---	----------	------------

Ride Control	AT331021	\$3,413.00
--------------	----------	------------

Installation Instructions T223993.

Kits and Accessories:

3rd Function Control on Joystick	LW8926635	\$760.00
----------------------------------	-----------	----------

3rd Function Detent	AT218600	View Price
---------------------	----------	------------

For serial #s LU244JX*25919, LU304JX*25919, LU324JX*25919 and above, and 244K, 324K and 344K models.

*Order through parts AT218600 Switch and AT320276 Insert.

*Installation instructions T302378 English, T302379 French, T302380 Spanish.

*Instructions available through the JD Bookstore at
HTTP://www.johndeereinfo.com

Air Intake Pre-cleaner Kit	AT337325	\$176.00
----------------------------	----------	----------

Beacon Light	LW9069320	\$199.00
--------------	-----------	----------

Front Windshield Guard	AT335392	\$1,920.00
------------------------	----------	------------

Operator Environment:

Secondary Steering	AT384228	\$2,405.00
--------------------	----------	------------

For use with S/N 17309 and above.

Powertrain & Cooling:

Automatic Reversing Fan Drive	AT373913	\$4,020.00
-------------------------------	----------	------------

Reversible fan is automatic with adjustable timer.

Trash Screen Kit	AT349022	\$1,616.00
------------------	----------	------------

Fine Mesh Screen minimizes airborne debris from entering cooler access area
Recommend AT337325 pre-cleaner with this installation