



Current Date 03Jan2020

344L FOUR WHEEL DRIVE LOADER

ENGINE:

John Deere PowerTech E 4.5 L
 103 SAE Net Horsepower (76 kW) Isolation Mounted with Turbocharger
 Meets EPA Final Tier 4 and EU Stage IV Emissions
 Engine Exhaust Filter with and SCR - 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
 Multi-Fused Circuits

Combined
 Hydrostatic/Hydraulic Oil Reservoir with Sight Glass
TRANSMISSION:
 Single Lever Shift Control, F-N-R and 2 Speed automatic gear box
 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/ Mechanically 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 Side Access
 Slip-Resistant Steps and

Engine Coolant Temperature
 Fuel Gauge
 Speedometer
 Hourmeter
 Date and Time
 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
 Exhaust Filter
 Floormat
 Horn, Electric (Conforms to SAE J994, J1446)
 Key Start Switch with Electric Fuel Shut-Off
 Interior Mounted Rearview Mirror (Conforms to SAE J985)
 Two piece Exterior Convex Mirrors (Conforms to SAE J985)
 Built-In Operator's Manual Storage Compartment and Manual
 Pre-wired for Beacon and Radio
 Cab includes Radio Speakers and Antenna
LOADER:
 Less Bucket with Bucket Pins
 Z-Bar Linkage
 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)

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: 30 GPM (115 L/Min) Engine Mounted Gear Pump - Open Center	Ergonomically Located Handholds (Conforms to SAE J185) 3-Way Adjustable 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	OVERALL VEHICLE: Articulation Locking Bar, Self-Storing (Conforms to SAE J276) Oscillating Frame Articulation Front and Rear Fenders Integral Loader Frame and Engine Frame Lift Eyes Integral Front and Rear Tie Down Eyes Rear Counterweight with Integral Drawbar with Pin Rear Bottom Guard Vandal Protection Locking for: Engine Enclosure Fuel Fill 41 gal. (155 l) Fuel Tank with Integral Drain Environmental drain hose Reverse Warning Alarm (Conforms to SAE J994, J1446) Loader not approved for solid or foam tires.
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Required - You must select one from each category

▼ BASE MACHINE

F.O.B. Baltimore, Maryland

Description	Code	Price
344L FOUR WHEEL DRIVE LOADER	0AH1T	\$151,334.00

▼ SEAT

Description	Code	Price
Standard Cloth Seat, Mid-Back, Mechanical Suspension	2210	No Added Cost
Deluxe Cloth Seat, Air Suspension, High-Back with Headrest, Heated, and Lumbar	2230	\$2,306.00

▼ CONTROLS

Description	Code	Price
Standard Control Package	2410	No Added Cost
Includes Rimpull Control and Inching Pedal.		
Attachment Assist (Creep Control & Throttle Lock)	2430	\$1,391.00
Includes Rimpull Control and Inching Pedal.		

ENGINE		
Description	Code	Price
Engine	0924	No Added Cost
103 SAE Net Horsepower (76 kW) Isolation Mounted with Turbocharger Meets EPA Final Tier 4 and EU Stage IV Emissions		
HYDRAULIC SYSTEM AND COUPLER		
Description	Code	Price
Two Function, Joystick w/FNR Control	2836	No Added Cost
1 lever controls boom and bucket.		
Three Function, Joystick w/FNR Control	2840	\$3,540.00
1 lever controls boom and bucket, mini-EH thumb joystick proportionally controls auxiliary function. Includes third function lines to the coupler.		
RIDE CONTROL		
Description	Code	Price
Less Ride Control	3000	No Added Cost
Ride Control	3010	\$3,923.00
WHEELS AND TIRES		
Description	Code	Price
17.5R-25 In. L2 XTLA Michelin Single Star Radial Tires	4367	\$535.00
17.5R25 XHA2 Michelin L3 Single Star Radial Tires	4370	No Added Cost
17.5-25 Goodyear SGL-D/L 2A 12PR Bias Tires	4372	(\$3,008.00)
17.5/80 R25 Bridgestone VUT L2 Radial Tires	4380	\$1,582.00
Nokian HakkaPeliitta LOADER L2 17.5R25EM	40F2	(\$405.00)
LINKAGE		
Description	Code	Price
Standard Z-bar linkage	2010	No Added Cost
Height to Hinge Pin 146 in.		
High Lift Z-bar linkage	2020	\$3,301.00
Height to Hinge Pin 158 in.		
WORK LIGHTS		
Description	Code	Price
Halogen Work Lights - Cab	7120	\$256.00
2x Front, 2x Rear Halogen WorkLights		

Less Work Lights (LED Kit Ready) 7140 No Added Cost
 Dealer will need to order and install BYT10522 (2xspot) and/or BYT10523 (2xflood)

▼ BUCKETS AND COUPLERS

Description	Code	Price
Less Bucket	8550	No Added Cost

Bucket Pins Only - Less Coupler.
 Conversion form required if ordered with code 2840: Three Spool Valve

2.0 cu. yd. (1.5 cu. m.) General Purpose Pin-on Bucket w/BOC	8583	\$5,306.00
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94.5-in. (2.40 m) overall width.

Hi-Vis Hydraulic Attachment Coupler, Less Bucket	8590	\$6,588.00
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Ordered with 3rd function hydraulics, plumbing to coupler included (ISO 23727; Euro adaptable to include Volvo attachments).

Hi-Vis Hydraulic Attachment Coupler w/2.0 cu. yd. (1.5 cu. m.) General Purpose Bucket w/BOC	8594	\$10,718.00
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Ordered with 3rd function hydraulics, plumbing to coupler included. (ISO 23727; Euro adaptable to include Volvo attachments).
 94.5 in. (2.4m) overall width.

Hi-Vis Hydraulic Attachment Coupler w/2.6 cu. yd. (2.0 cu. m.) Light Material Bucket w/BOC	8596	\$14,000.00
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Ordered with 3rd function hydraulics, plumbing to coupler included. (ISO 23727; Euro adaptable to include Volvo attachments).
 98.4 in. (2.5m) overall width.

Optional - *Select as desired*

▼ OTHER WORK TOOLS

Description	Code	Price
Pallet Forks for Standard ISO Coupler	9200	\$3,365.00

Frame width 59 in. (1500 mm)
 Tines, 6 in. x 2 in. x 48 in. (150mm x 50mm x 1200mm)
 Requires selection of one of Coupler codes 8590, 8594 or 8596.

Front Windshield Guard	9420	\$2,201.00
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Long Lead Time Item.

Rear Guard	9430	\$3,923.00
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Long Lead Time Item.

▼ DEALER-INSTALLED KITS

Description	Code	Price
<u>Buckets And Pallet Forks</u>		

2.6 cu. yd. (2.0 cu. m.) Light Material Bucket w/BOC	BYT10738	\$10,986.00
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98.4 in. (2.5m) overall width

Buckets Coupler

2.0 Cu. Yd. (1.5 Cu. M.) General Purpose Coupler Bucket with Skid Shoes and Bolt-on Cutting Edge	AT329925	\$7,505.00
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94.5 in. (2.4m) overall width.

Buckets Pin-on

2.0 Cu. Yd. (1.5 Cu. M.) General Purpose Pin-On Bucket with Skid Shoes and Bolt-on Cutting Edge	AT329555	\$6,550.00
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94.5-in. (2.40 m) overall width.

Cold Start

Engine Coolant Heater, 110 Volt, (1000 Watt)	AT74940	View Price
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Kits & Accessories

Front Wind Shield Guard	BYT11488	\$2,698.00
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Fuel Tank Guard Kit	BYT11020	\$769.00
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LED Worklight Kit (Spot)	BYT10522	\$194.00
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Pallet Forks for Standard ISO Coupler	BYT10737	\$4,548.00
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Frame width 59 in. (1500 mm)
 Tines, 6 in. x 2 in. x 48 in. (150mm x 50mm x 1200mm)
 Requires selection of one of Coupler codes 8590, 8594 or 8596.

Rear Guard	BYT10742	\$4,430.00
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Reversing Fan	BYT10743	\$4,254.00
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Miscellaneous

LED Worklight Kit (Flood)	BYT10523	\$194.00
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