

# 250G LC FT4 EXCAVATOR

10-Jan-2022



**JOHN DEERE**

| Code | Description | QTY | List Price (USD) |
|------|-------------|-----|------------------|
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| OBG0FF | 250G LC FT4 EXCAVATOR | 1 | \$277,276.00 |
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**HYDRAULICS:**

Open Center, Load Sensing with Variable Displacement Pumps  
 Hydraulic Pilot Controls  
 Axial Piston Swing Motor  
 Multiple Wet Disk Swing Brake  
 Auxiliary Valve Section  
 Adjustable Flow for Attachments Through Monitor  
 Boom and Arm Reduced Drift Valves  
 Auto Power Lift  
 Hydraulic Tank Site Gauge  
 5,000 Hour Hydraulic Oil Change Interval  
 Hydraulic Oil Sampling Valve  
 Inline DEF Filter

**UNDERCARRIAGE:**

Two Speed Propel with Auto-Shift  
 Axial Piston Propel Motors  
 Propel Motor Shields  
 Planetary Final Drives  
 Sealed Track Chain  
 Front and Center Track Guides  
 Provisions for Tie Downs  
 X-Frame Car Body  
 Hydraulic Track Adjuster  
 Nine Lower Rollers  
 Two Upper Rollers  
 Spring Applied Hydraulic Released Propel Brake

**UPPER STRUCTURE:**

Right, Left and Counterweight Mirrors  
 Toolbox  
 Vandal Locks for:  
 Cab Door  
 Service Doors  
 Tool Box  
 Counterweight, 11,270 lbs. (5,112 kg)  
 Work Lights:  
 One Mounted on Frame  
 One Mounted on Boom  
 Debris Screening Side Panel  
 Remote Mounted Engine Oil and Fuel Filters  
 Handrails

**FRONT ATTACHMENT:**

Oil Impregnated Bushings  
 Reinforced Resin Thrust Plates  
 Tungsten Carbide Thermal Coating on arm to Bucket Joint  
 Centralized Lubrication System  
 Dirt Seals on Bucket Pins  
 Less Boom  
 Less Arm

Less Bucket

OPERATOR'S STATION:

- Adjustable Control Positions (Levers to Seat, Seat to Pedals)
- 4" Arm Rests Attached to Side Consoles
- Pilot Control Shut-Off Lever
- Short Stroke, Low Effort Pilot Levers
- Switches for Auxiliary Hydraulic Control on RH Pilot Lever
- Deluxe Adjustable Cloth Seat with Suspension, Reclining Backrest, Headrest, and Adjustable Lumbar Support
- Multifunction, Color LCD Monitor System with:
  - Diagnostic Capability
  - Systems Monitoring Capability
  - Multiple Language Capability
  - Maintenance Tracking
  - Engine Coolant Temperature Gauge
  - Engine Coolant Temperature Warning Indicator with Audible Alarm
  - Engine Oil Pressure Warning Indicator with Audible Alarm
  - Fuel Gauge with Low Fuel Indicator
  - Diesel Exhaust Fluid Gauge
  - Work Mode Indicator
  - Auto Idle Indicator
  - Alternator Charge Indicator
  - Air Filter Restriction Indicator
  - Fault Code Alert Indicator
  - Check Engine Indicator
  - Wiper Mode Indicator
  - Work Lights On Indicator
  - Fuel Rate Display
  - Clock
  - Hour Meter
- Mode Selection:
  - One Work Mode
  - Three Power Modes
  - Numerous Attachment Modes
- Auto-Climate Control/Air Conditioner, Heater with Pressurizer
- AM-FM Radio
- Rear View Camera
- Control Pattern Changer
- Machine Information Center (MIC)
- Windshield Wiper/Washer with Intermittent Speed
- 12V-60W, 5 Amp Cell Phone Power Outlet
- 3 In. Retractable Seat Belt
- Tinted Safety Glass
- Hot/Cold Box Compartment
- Horn
- Two Cup Holders
- Interior Light
- Coat Hook
- Floor Mat
- Motion Alarm with Cancel Switch
- Transparent Tinted Roof Hatch with Sunshade
- Four Fluid-Filled Elastic Mounts
- Easy Access Air Conditioning Filter

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|--------|-----------------------|---|--------------|
| OBGOFF | 250G LC FT4 EXCAVATOR | 1 | \$277,276.00 |
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ENGINE

Engine

Basic Factory Options - Required

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| 1060 | Engine Stage II Emissions<br>John Deere PowerTech 6.8L<br>Requires code 9060 Severe-Duty Fuel Filter.<br>188 Net Rated hp (ISO 9249)<br>Turbocharger<br>Charge Air Cooler<br>Electronic Engine Control Unit<br>Auto-Idle System<br>Cool on Demand Hydraulic Driven Fan<br>Antifreeze Protection to -34F (-37C)<br>Enclosed Fan Guard<br>Dual Element Dry-type Air Filter with Restriction Indicator<br>Full Flow Oil Filter<br>Double Fuel Filter<br>Water Separator<br>Automatic Belt Tension Device<br>Glow Plug Start Aid<br>Heavy Duty, Low Maintenance Batteries (180 Minute Reserve)<br>80-Amp Alternator - 24 Volt<br>500 Hour Engine Oil Change Interval<br>Engine Oil Sampling Valve. | (\$1,029.00) |
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| 1095 | Engine Stage IV Emissions<br>John Deere PowerTech PVS 6.8L<br>188 Net Rated hp (ISO 9249)<br>Turbocharger<br>Charge Air Cooler<br>Electronic Engine Control Unit<br>Auto-Idle System<br>Cool on Demand Hydraulic Driven Fan<br>Antifreeze Protection to -34F (-37C)<br>Enclosed Fan Guard<br>Dual Element Dry-type Air Filter with Restriction Indicator<br>Full Flow Oil Filter<br>Double Fuel Filter<br>Water Separator<br>Underhood Diesel Particulate Filter with Curved Exhaust<br>Automatic Belt Tension Device<br>Glow Plug Start Aid<br>Heavy Duty, Low Maintenance Batteries<br>100-Amp Alternator - 24 Volt<br>500 Hour Engine Oil Change Interval<br>70% (35 degrees) Off Level Capability<br>Engine Oil Sampling Valve | \$26,796.00 |
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Heater

Field Installed Attachments - Optional

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| 9015 | Engine Block Heater | \$248.00 |
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Filter

Field Installed Attachments - Optional

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| 9060 | Fuel Filter, Severe-Duty | \$175.00 |
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| 9070 | Engine Air Centrifugal Pre-Cleaner<br>Recommended for harsh conditions | \$631.00 |
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| Engine Fan | Field Installed Attachments - Optional |
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| 9115 | Automatic Reversing Cooling Fan<br>Features selectable intervals and manual override.<br>For use in environments with airborne debris. | \$1,726.00 |
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| 9180 | Single Pedal Propel<br>Additional pedal for tracking both tracks simultaneously in the same direction | \$2,259.00 |
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| Exhaust | Field Installed Attachments - Optional |
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| 9700 | Chrome Exhaust | \$429.00 |
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| DESTINATION AND LANGUAGE |
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| Operator's Manual and Decals | Basic Factory Options - Required |
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| 1600 | English Customer Delivery Packet<br>English Decals and Customer Delivery Packet | No Added Cost |
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| Shipping Preparation | Field Installed Attachments - Optional |
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| 9803 | Special Export Preparation-- Do not install front for shipping<br>For Export Containerization | No Added Cost |
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JOHN DEERE WORKSIGHT™

Machine Connectivity Basic Factory Options - Required

Machine connectivity functions require cellular coverage. Usage of JDLink /ZLink System requires customer's acceptance of the terms of the John Deere Telematics System Contract.

Option availability limited by specific geographical regions. Please refer to region specific price pages for appropriate ordering codes.

170K JDLink™ No Added Cost

Includes integrated cab wiring harness, antenna, and JDLink™ Modem (MTG).

JDLink™ connectivity is enabled separately through the JDLink™ website. Connectivity service is subject to country availability.

UNDERCARRIAGE

Track Shoes Basic Factory Options - Required

3325 700 mm (28 In.) Triple Semi-Grouser Shoes (\$1,178.00)

Recommended for general conditions and soft terrain.

3350 Triple Semi-Grouser Shoes No Added Cost

800 mm (32 In.)

Recommended for extremely soft terrain.

Undercarriage Field Installed Attachments - Optional

9160 Track Frame Undercover \$643.00

OPERATOR'S STATION AND CONTROLS

Seat Basic Factory Options - Required

4125 Seat, Standard Mechanical No Added Cost

4130 Seat, Heated Air-Suspension \$1,366.00

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| 4135 | Seat, Premium Leather – Thermal Heating and Active Cooling<br>– Active heating and cooling<br>– Air suspension<br>– High seat back<br>– 3-way adjustability<br>– High visability orange 3 inch seat belt  | \$2,731.00                             |
|      | Light Package   | Field Installed Attachments - Optional |
| 9150 | Light Package<br>– All exterior machine lights are LED<br>– 2 Front Cab lights, 1 Rear Cab light, 1 Toolbox Light, 1 Under Engine Hood Light, 1 Left hand and 1 Right hand Boom Lights  | \$2,258.00                             |
|      | BOOM  |  |
|      | Boom  | Basic Factory Options - Required       |
| 6801 | Less Boom<br>Excludes Arm Cylinder, Boom Cylinders and Plumbing on Boom.<br>Includes Pin Connecting Boom to Mainframe and the Two Boom Cylinder Pins.<br>Requires code 7001, "Less Arm".<br>The "Hydraulic Filter Restriction Indicator" in DEALER-INSTALLED ATTACHMENTS is recommended | No Added Cost                          |
| 6835 | One Piece Boom with Arm Cylinder and Plumbing   | \$24,636.00                            |
|      | Grade Ready/Grade Guidance  | Basic Factory Options - Required       |
| 7901 | Less Grade Reference Ready Mounts   | No Added Cost                          |
| 7920 | Grade Reference Ready Mounts<br>Includes mounting points on link, arm, boom, upperstructure, and counterweight for grade reference sensors. Sensors, manufacturing specific mounts, wiring harness, and monitor provided by OEM suppliers.<br>2.9M Arm                                  | \$1,738.00                             |
| 7930 | Grade Reference Ready Mounts  | \$1,738.00                             |

Includes mounting points on link, arm, boom, upperstructure, and counterweight for grade reference sensors. Sensors, manufacturing specific mounts, wiring harness, and monitor provided by OEM suppliers.  
3.6M Arm

## Boom Cylinders

Field Installed Attachments - Optional

9010 Boom Cylinders with Plumbing to Main Frame \$7,071.00  
Requires 6801, Less Boom, and Code 7001, Less Arm.

## ARM

## Arm

Basic Factory Options - Required

7001 Less Arm, Bucket Cylinder, Bucket Linkage and All Attaching Pins and Hoses No Added Cost  
Hydraulic Filter Indicator Recommended. Requires code 8001, Less Buckets.

7160 Arm with Bucket Cylinder and Linkage \$13,547.00  
2.96 M (9 ft. 9 in.)

7180 Arm with Bucket Cylinder and Linkage \$15,917.00  
Not recommended for impact (hammer) or high density material applications.  
3.61 M (11 ft. 10 in.)

## HYDRAULICS

## Auxiliary Hydraulics

Basic Factory Options - Required

7401 Less Auxiliary Hydraulics No Added Cost

7444 Auxiliary High-Flow Lines \$7,260.00  
Includes combination auxiliary hydraulic piping with dedicated stop valves for each attachment.  
Requires dealer installed 1-way solenoid kit, 2-way solenoid kit, AFL kit, or a foot pedal kit for auxiliary hydraulics functionality.  
For 2.9m Arm

7454 Auxiliary High-Flow Lines \$7,576.00

Includes combination auxiliary hydraulic piping with dedicated stop valves for each attachment.

Requires dealer installed 1-way solenoid kit, 2-way solenoid kit, AFL kit, or a foot pedal kit for auxiliary hydraulics functionality.  
For 3.6m Arm

7491 Auxiliary High-Flow Lines with AFL and Auxiliary Relief Pressure Adjustment \$12,543.00

Includes combination auxiliary hydraulic piping with dedicated stop valves for each attachment.

Includes Auxiliary Function Lever (AFL) right-hand joystick for electronic proportional auxiliary control. Ability to set, confirm, and adjust the auxiliary relief pressure for an attachment.  
For 2.9m Arm

7496 Auxiliary High-Flow Lines with AFL and Auxiliary Relief Pressure Adjustment \$12,859.00

Includes combination auxiliary hydraulic piping with dedicated stop valves for each attachment.

Includes Auxiliary Function Lever (AFL) right-hand joystick for electronic proportional auxiliary control. Ability to set, confirm, and adjust the auxiliary relief pressure for an attachment.  
For 3.6m Arm

7497 Auxiliary High-Flow Lines with AFL, Auxiliary Relief Pressure Adjustment and Two Pump Combined Flow \$14,895.00

Includes combination auxiliary hydraulic piping with dedicated stop valves for each attachment.

Includes Auxiliary Function Lever (AFL) right-hand joystick for electronic proportional auxiliary control. Ability to set, confirm, and adjust the auxiliary relief pressure for an attachment.

Ability to set internally combined pump flow for higher demand attachments.  
For 3.6m Arm

BUCKETS

Buckets

Basic Factory Options - Required

All Heavy-Duty and Severe-Duty Buckets come standard with TK-Series Fanggs Teeth.

8001 Less Bucket No Added Cost

Includes bucket mounting pins.

8320 Heavy-Duty Bucket \$9,790.00

Includes Four (4) John Deere TK-Series Fanggs Teeth (TK400FD).  
36 In. (914 mm), 0.97 Yd3 (0.74 M3)

8330 Heavy-Duty Bucket \$10,495.00

Includes Five (5) John Deere TK-Series Fanggs Teeth (TK400FD).  
42 In. (1067 mm), 1.19 Yd3 (0.91 M3)

8340 Heavy-Duty Bucket \$11,197.00

Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD).  
48 In. (1219 mm), 1.39 Yd3 (1.06 M3) Heavy-Duty Bucket



8350 Heavy-Duty Bucket \$11,793.00  
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD).  
54 In. (1372 mm), 1.61 Yd3 (1.23 M3) Heavy-Duty Bucket

Hydraulic Thumb Kits

Field Installed Attachments - Optional

AT379653 Hydraulic Thumb Kit, Direct for Couplers \$10,493.00  
Teeth matching between the bucket and thumb will depend on the bucket width, number of teeth, and tooth spacing.  
Please see DMAC solution 94331 for optimum thumb and bucket teeth engagement.  
Not compatible with Hydraulic Quick Coupler (Variable-type Pin-Grabber) BYT11631.

AT379654 Hydraulic Thumb Kit, Progressive \$12,343.00  
Teeth matching between the bucket and thumb will depend on the bucket width, number of teeth, and tooth spacing.  
Please see DMAC solution 94331 for optimum thumb and bucket teeth engagement.  
Only available for the following arm lengths:  
250 3.61M (11'10")  
Not compatible with couplers.

AT379655 Hydraulic Thumb Kit, Progressive for Couplers \$12,343.00  
Teeth matching between the bucket and thumb will depend on the bucket width, number of teeth, and tooth spacing.  
Please see DMAC solution 94331 for optimum thumb and bucket teeth engagement.  
Only available for the following arm lengths:  
250 3.61M (11'10")  
Not compatible with Hydraulic Quick Coupler (Variable-type Pin-Grabber) BYT11631.

AT379652 Hydraulic Thumb Kit, Direct \$10,493.00  
Teeth matching between the bucket and thumb will depend on the bucket width, number of teeth, and tooth spacing.  
Please see DMAC solution 94331 for optimum thumb and bucket teeth engagement.  
Not compatible with couplers.

AT339844 Deere/Hitachi Hydraulic Thumb Installation \$2,086.00  
Labor for installation of Deere/Hitachi thumb at Paladin Customworks Kernersville, NC.

Buckets, Heavy-Duty

Field Installed Attachments - Optional

BYT11166 60IN (1525MM) 2.09YD (1.60 M3) HD Bucket \$9,331.00  
Includes Seven (7) TK400 Series Teeth.

BYT11165 54 In (1372 mm), 1.61 yd3 (1.23 M3) Heavy-Duty Bucket \$8,720.00  
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD)

BYT11162 36 In (914 mm), 0.97 yd3 (0.74 M3) Heavy-Duty Bucket \$7,076.00

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|          | Includes Four (4) John Deere TK-Series Fanggs Teeth (TK400FD)  |  |
| BYT11163 | 42 In (1067 mm), 1.19 yd <sup>3</sup> (0.91 M <sup>3</sup> ) Heavy-Duty Bucket<br>Includes Five (5) John Deere TK-Series Fanggs Teeth (TK400FD). | \$7,783.00                             |
| BYT11164 | 48 In (1219 mm), 1.39 yd <sup>3</sup> (1.06 M <sup>3</sup> ) Heavy-Duty Bucket<br>Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD)   | \$8,377.00                             |
|          | Buckets, Side Cutters  | Field Installed Attachments - Optional |
| AT342512 | Side-Cutter Kit, 3 inch  | \$679.00                               |
| AT342513 | Side-Cutter Kit, 6 inch  | \$679.00                               |
| AT342511 | Edge Protector Kit   | \$655.00                               |
|          | MISCELLANEOUS  |  |
|          | Hydraulics   | Field Installed Attachments - Optional |
| AT390763 | Auxiliary Lines, High-Flow for 3.61 M Arm for 250G   | \$6,218.00                             |
| AT451312 | Anti-Drift BOOM kit  | \$3,568.00                             |
| AT327836 | Two-Pump Combined Flow Piping<br>For attachments that require additional hydraulic flow.   | \$1,691.00                             |
| AT445803 | Hydraulic Filter Restriction Indicator Kit   | \$797.00                               |
| AT327659 | Anti-Drift Valve with Plumbing and Hardware, Arm Cylinder  | \$3,131.00                             |

For ZX350LC-3,ZX350LC-5,ZX380LC-5N machines also order the following parts:

- AT332580 Hydraulic Hose
- M44269 Spacer
- T153064 Clamp
- 14M7415 Nut M12
- 24M7404 Washer (2 used)
- 4053698 Clamp

For 350DLC,350GLC,380GLC machines also order the following parts:

- AT332580 Hydraulic Hose
- M44269 Spacer
- T153064 Clamp
- 14M7415 Nut M12
- 24M7404 Washer (2 used)
- 4053698 Clamp

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| AT445467             | Control Solenoids for 2-Way Auxiliary Hydraulics<br>Monitor can be used to control hydraulic flow.<br>Can be used with either right-hand or left-hand control handle.  | \$808.00                               |
| AT446155             | Control Solenoid for 1-way Auxiliary Hydraulics with Foot Switch<br>Does not use the monitor for flow control.<br>Does not require solenoids for auxiliary hydraulics.<br>Includes foot switch, solenoid, wiring, and hoses. | \$960.00                               |
| AT327652             | Control Handle for Auxiliary Hydraulics, Left-Hand<br>Requires control solenoid for either 1-way or 2-way auxiliary hydraulics.<br>Recommended for use with auxiliary hydraulic lines.                                       | \$530.00                               |
| Powertrain & Cooling |  | Field Installed Attachments - Optional |
| AT453858             | Automatic Reversing Cooling Fan<br>Features selectable intervals and manual override.<br>For use in environments with airborne debris.<br>Installation time 2 hours.   | \$2,153.00                             |
| G.R.Mfg.             |  | Field Installed Attachments - Optional |
| AT401260             | Guard, Slant Top Rub Rails   | \$2,234.00                             |
| AT430784             | Rear Work Lights Package   | \$1,792.00                             |
| BYT11003             | Auxiliary Counterweight, 2250 lbs.   | \$11,710.00                            |

ETN210311 Front Window Guard, Polycarbonate \$3,598.00

Hydraulic Couplers Field Installed Attachments - Optional

AT452019 Hydraulic Quick Coupler (Non-Variable type) - Coupler and Controls Kit \$10,026.00  
 Includes non-variable hydraulic quick coupler with hydraulic and electrical control components

AT345608 Installation Charge for Hydraulic Quick Coupler \$1,471.00  
 When ordering Hydraulic Quick Coupler (Variable-type Pin-Grabber) must order both Coupler and Controls attachment kits. Installation Charge Order also requires attachment part number, SHIP-TO address for Paladin Custom Works, AND reference related machine order number.  
 The related machine order must reference the attachment order number.  
 Order code available only for Kernersville, North Carolina installations.

BYT11631 Hydraulic Quick Coupler (Variable-type Pin-Grabber) - Coupler Only \$13,112.00  
 Coupler kit ONLY. Includes coupler, jumper hoses, and one set of dead pins.  
 Controls components NOT included. Also purchase Controls Kit BYT11632 (250G/ZX) or BYT11633 (300G/ZX; 345G/ZX).  
 Not compatible with hydraulic thumb AT379652, AT379653, AT379654, or AT379655 (250G/ZX).  
 Not compatible with hydraulic thumb AT389951, AT389948, AT379658, or AT379659 (300G/ZX; 345G/ZX).

BYT11632 Hydraulic Quick Coupler Controls Kit, (Variable-type Pin-Grabber) - Controls Kit Only \$1,613.00  
 Controls kit ONLY. Includes hydraulic control components, electrical control components and components to manifold on end of arm.  
 Does not include hydraulic quick coupler - also purchase BYT11631.  
 May not be required if replacing existing hydraulic quick coupler.

Operator Environment Field Installed Attachments - Optional

AT396663 Exterior Work Lights Package \$748.00  
 Additional 2 Cab lights, with 1 Right hand Boom Light.

BYT11141 Full Length Front Guards \$1,547.00

BYT11977 Light Kit, 130-350 LED LIGHT KIT \$1,700.00

Overall Vehicle Field Installed Attachments - Optional

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| BYT11005 | Vandal Covers<br>After Serial # 10769 | \$3,053.00 |
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| Guards | Field Installed Attachments - Optional |
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| AT390802 | Cab FOPS Guard<br>FOPS Level II, ISO 10262 Certified | \$3,259.00 |
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Manufacturer's Suggested List Price shown. Retail prices may vary by dealer. Unless stated otherwise, taxes, freight, setup, delivery and other dealer specific charges not included in the pricing. Options/items noted with anything other than price will have additional costs. Pricing, availability, and specifications subject to change without notice. Special program pricing may be available on certain models. See dealer for details. Prices shown are in U.S. dollars and valid only in the U.S.