



JOHN DEERE

Current Date 16Nov2018

## 250G LC FT4 EXCAVATOR

## 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

## 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

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  
Machine Information Center  
(MIC)  
Windshield Wiper/Washer  
with Intermittent Speed  
12V-60W, 5 Amp Cell  
Phone Power Outlet  
2 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

Indicator with Audible Alarm  
Engine Oil Pressure Warning Indicator with Audible Alarm

Required - *You must select one from each category*

▼ BASE MACHINE

F.O.B Kernersville, North Carolina for Complete Machine.  
See DEALER-INSTALLED ATTACHMENT section for additional source notes.

Description	Code	Price
250G LC FT4 EXCAVATOR	OBGOFF	\$231,486.00

▼ ENGINE

Description	Code	Price
Engine Stage IV Emissions	1095	\$26,206.00
John Deere PowerTech PVS 6.8L 188 Net Rated hp (ISO 9249) Turbocharger Charge Air Cooler Electronic Engine Control Unit Auto-Idle System Cool on Demand Hydraulic Driven Fan Antifreeze Protection to -34F (-37C) Enclosed Fan Guard Dual Element Dry-type Air Filter with Restriction Indicator Full Flow Oil Filter Double Fuel Filter Water Separator Underhood Diesel Particulate Filter with Curved Exhaust Automatic Belt Tension Device Glow Plug Start Aid Heavy Duty, Low Maintenance Batteries 100-Amp Alternator - 24 Volt 500 Hour Engine Oil Change Interval 70% (35 degrees) Off Level Capability Engine Oil Sampling Valve		

▼ OPERATOR'S MANUAL AND DECALS

Non-English Operator's Manuals  
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.

Description	Code	Price
English Customer Delivery Packet	1600	No Added Cost
English Decals and Customer Delivery Packet		

▼ MACHINE CONNECTIVITY

Machine connectivity functions require cellular coverage. Usage of JDLINK /ZXLINK 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.

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.

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.

#### TRACK SHOES

Description	Code	Price
600 mm (24 In.) Triple Semi-Grouser Shoes	3310	(\$1,928.00)

Recommended for rocky terrain, hard ground and stumps.

700 mm (28 In.) Triple Semi-Grouser Shoes	3325	(\$1,205.00)
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Recommended for general conditions and soft terrain.

Triple Semi-Grouser Shoes	3350	No Added Cost
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800 mm (32 In.)  
Recommended for extremely soft terrain.

#### SEAT

Description	Code	Price
Seat, Standard Mechanical	4125	No Added Cost

Seat, Heated Air-Suspension	4130	\$955.00
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Seat, Premium Leather - Thermal Heating and Active Cooling	4135	\$2,671.00
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- Active heating and cooling
- Air suspension
- High seat back
- 3-way adjustability
- High visibility orange 3 inch seat belt

#### BOOM

Description	Code	Price
Less Boom	6801	No Added Cost

Excludes Arm Cylinder, Boom Cylinders and Plumbing on Boom.  
Includes Pin Connecting Boom to Mainframe and the Two Boom  
Cylinder Pins.  
Requires code 7001, "Less Arm".  
The "Hydraulic Filter Restriction Indicator" in DEALER-INSTALLED  
ATTACHMENTS is recommended

One Piece Boom with Arm Cylinder and Plumbing	6835	\$24,094.00
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GRADE READY/GRADE GUIDANCE

Description	Code	Price
Less Grade Reference Ready Mounts	7901	No Added Cost

Grade Reference Ready Mounts	7920	\$1,700.00
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2.9M Arm  
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.

Grade Reference Ready Mounts	7930	\$1,700.00
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3.6M Arm  
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.

ARM

Description	Code	Price
Less Arm, Bucket Cylinder, Bucket Linkage and All Attaching Pins and Hoses	7001	No Added Cost

Hydraulic Filter Indicator Recommended. Requires code 8001, Less  
Buckets.

Arm with Bucket Cylinder and Linkage	7160	\$13,249.00
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2.96 M (9 ft. 9 in.)

Arm with Bucket Cylinder and Linkage	7180	\$15,567.00
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3.61 M (11 ft. 10 in.)  
Not recommended for impact (hammer) or high density material  
applications.

AUXILIARY HYDRAULICS

Description	Code	Price
Less Auxiliary Hydraulics	7401	No Added Cost

Auxiliary High-Flow Hydraulic w/ 2-Way Foot Controller	7420	\$8,952.00
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Includes Combination piping  
for 2.96 M Arm (9 ft. 9 in.)

Auxiliary High-Flow Hydraulic w/ 2-Way Foot Controller	7430	\$9,261.00
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Includes Combination piping  
for 3.61 M Arm

	7440	\$6,891.00
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## Auxiliary High-Flow Hydraulic Lines Only

Includes Combination piping  
for 2.96 M Arm  
Requires a control circuit such as a foot controller or the standard  
right-hand control handle with (2) switches. Also order a solenoid kit.

Auxiliary High-Flow Hydraulic Lines Only	7450	\$7,200.00
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Includes Combination piping  
for 3.61 M Arm  
Requires a control circuit such as a foot controller or the standard  
right-hand control handle with (2) switches. Also order a solenoid kit.

Auxiliary High-Flow Hydraulic Lines w/ AFL (Pilot Lever Proportional Control)	7490	\$9,962.00
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Includes Combination piping  
for 2.96 M Arm

Auxiliary High-Flow Hydraulic Lines w/ AFL (Pilot Lever Proportional Control)	7495	\$10,271.00
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Includes Combination piping  
for 3.61 M Arm

▼ BUCKETS

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

Description	Code	Price
Less Bucket	8001	No Added Cost

Includes bucket mounting pins.

Heavy-Duty Bucket	8320	\$9,119.00
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36 In. (914 mm), 0.97 Yd3 (0.74 M3)  
Includes Four (4) John Deere TK-Series Fanggs Teeth (TK400FD).

Heavy-Duty Bucket	8330	\$9,775.00
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42 In. (1067 mm), 1.19 Yd3 (0.91 M3)  
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK400FD).

Heavy-Duty Bucket	8340	\$10,429.00
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48 In. (1219 mm), 1.39 Yd3 (1.06 M3) Heavy-Duty Bucket  
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD).

Heavy-Duty Bucket	8350	\$10,984.00
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54 In. (1372 mm), 1.61 Yd3 (1.23 M3) Heavy-Duty Bucket  
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD).

Heavy-Duty Bucket	8420	\$9,791.00
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36 In. (914 mm), 1.30 Yd3 (0.99 M3) Heavy-Duty, High-Capacity  
Bucket  
Includes Four (4) John Deere TK-Series Fanggs Teeth (TK400FD).

Heavy-Duty Bucket	8430	\$10,600.00
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42 In. (1067 mm), 1.59 Yd3 (1.22 M3) Heavy-Duty, High-Capacity  
Bucket  
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK400FD).

Heavy-Duty Bucket	8440	\$11,279.00
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48 In. (1219 mm), 1.88 Yd3 (1.44 M3) Heavy-Duty, High-Capacity  
Bucket  
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD).

Optional - *Select as desired*

EXHAUST		
Description	Code	Price
Chrome Exhaust	9700	\$420.00
HEATER		
Description	Code	Price
Engine Block Heater	9015	\$243.00
ENGINE FAN		
Description	Code	Price
Automatic Reversing Cooling Fan	9115	\$1,688.00
Features selectable intervals and manual override. For use in environments with airborne debris.		
Single Pedal Propel	9180	\$2,209.00
FILTER		
Description	Code	Price
Fuel Filter, Severe-Duty	9060	\$172.00
Engine Air Centrifugal Pre-Cleaner	9070	\$617.00
Recommended for harsh conditions		
SHIPPING PREPARATION		
Description	Code	Price
Special Export Preparation-- Do not install front for shipping	9803	No Added Cost
For Export Containerization		
UNDERCARRIAGE		
Description	Code	Price
Track Frame Undercover	9160	\$629.00
LIGHT PACKAGE		
Description	Code	Price
Light Package	9150	\$2,214.00
- All exterior machine lights are LED - 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		

▼ BOOM CYLINDERS

Description	Code	Price
Boom Cylinders with Plumbing to Main Frame	9010	\$6,915.00

Requires 6801, Less Boom, and Code 7001, Less Arm.

▼ 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
<a href="#">Buckets, Ditching</a>		
60 In (1524 mm), 1.36 yd3 (1.04 M3) Ditching Bucket	AT339195	\$4,226.00
<a href="#">Buckets, Heavy-Duty</a>		
36 In (914 mm), 0.97 yd3 (0.74 M3) Heavy-Duty Bucket	AT339173	\$8,189.00
Includes Four (4) John Deere TK-Series Fanggs Teeth (TK400FD)		
42 In (1067 mm), 1.19 yd3 (0.91 M3) Heavy-Duty Bucket	AT339176	\$8,809.00
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK400FD).		
48 In (1219 mm), 1.39 yd3 (1.06 M3) Heavy-Duty Bucket	AT339178	\$9,427.00
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD)		
54 In (1372 mm), 1.61 yd3 (1.23 M3) Heavy-Duty Bucket	AT339180	\$9,951.00
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD)		
<a href="#">Buckets, Heavy-Duty, High-Capacity</a>		
24 In (610 mm), 0.75 yd3 (0.57 M3) Heavy-Duty, High-Capacity Bucket	AT339182	\$7,553.00
Includes Three (3) John Deere TK-Series Fanggs Teeth (TK400FD).		
30 In (762 mm), 1.02 yd3 (0.78 M3) Heavy-Duty, High-Capacity Bucket	AT339186	\$8,231.00
Includes Four (4) John Deere TK-Series Fanggs Teeth (TK400FD). Includes Four (4) John Deere TK-Series Fanggs Teeth (TK450FD)		
36 In (914 mm), 1.30 yd3 (0.99 M3) Heavy-Duty, High-Capacity Bucket	AT339189	\$8,824.00
Includes Four (4) John Deere TK-Series Fanggs Teeth (TK400FD). Includes Four (4) John Deere TK-Series Fanggs Teeth (TK450FD)		

42 In (1067 mm), 1.59 yd3 (1.22 M3) Heavy-Duty, High-Capacity Bucket	AT339191	\$9,588.00
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK400FD). Includes Five (5) John Deere TK-Series Fanggs Teeth (TK450FD).		
48 In (1219 mm), 1.88 yd3 (1.44 M3) Heavy-Duty, High-Capacity Bucket	AT339193	\$10,230.00
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD). Includes Six (6) John Deere TK-Series Fanggs Teeth (TK550FD)		
<u>Buckets, Side Cutters</u>		
Edge Protector Kit	AT342511	\$606.00
Side-Cutter Kit, 3 inch	AT342512	\$628.00
Side-Cutter Kit, 6 inch	AT342513	\$628.00
<u>Cold Start</u>		
Engine Coolant Heater, 110 Volt, (1000 Watt)	AT390826	\$305.00
<u>Guards</u>		
Cab FOPS Guard	AT390802	\$3,013.00
FOPS Level II, ISO 10262 Certified		
<u>Hydraulic Couplers</u>		
Hydraulic Quick Coupler	AT452019	\$9,269.00
Installation Charge for Hydraulic Coupler	AT345608	\$1,360.00
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.		
<u>Hydraulic Thumb Kits</u>		
<u>Please click on the following link to access the freight rate tables.</u>		
Deere/Hitachi Hydraulic Thumb Installation	AT339844	\$1,928.00
Labor for installation of Deere/Hitachi thumb at Paladin Customworks Kernersville, NC.		
Hydraulic Thumb Kit, Direct	AT379652	\$9,700.00
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.		
Hydraulic Thumb Kit, Direct for Couplers	AT379653	\$9,700.00
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.		



Hydraulic Thumb Kit, Progressive	AT379654	\$11,411.00
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")		
Hydraulic Thumb Kit, Progressive for Couplers	AT379655	\$11,411.00
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")		
<u>Hydraulics</u>		
Anti-Drift BOOM kit	AT451312	\$3,464.00
Anti-Drift Valve with Plumbing and Hardware, Arm Cylinder	AT327659	\$3,039.00
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 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		
Auxiliary Lines, High-Flow for 3.61 M Arm for 250G	AT390763	\$6,035.00
Boom Cylinder Anti-Drift Valve with Plumbing and Hardware	AT300471	\$3,264.00
For use on S/N 1FF250GXAFF609644 and below. For customers who require reduced function drift during craning applications. Includes reduced drift valves for head-end of the boom cylinders. Arm anti-drift valve recommended for use with boom anti-drift valves. Installation Instructions T203622.		
Control Handle for Auxiliary Hydraulics, Left-Hand	AT327652	\$515.00
Requires control solenoid for either 1-way or 2-way auxiliary hydraulics. Recommended for use with auxiliary hydraulic lines.		
Control Solenoid for 1-way Auxiliary Hydraulics with Foot Switch	AT446155	\$931.00

Does not use the monitor for flow control.  
Does not require solenoids for auxiliary hydraulics.  
Includes foot switch, solenoid, wiring, and hoses.

Control Solenoids for 2-Way Auxiliary Hydraulics	AT445467	\$784.00
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Monitor can be used to control hydraulic flow.  
Can be used with either right-hand or left-hand control handle.

Hydraulic Filter Restriction Indicator Kit	AT445803	\$774.00
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Two-Pump Combined Flow Piping	AT327836	\$1,641.00
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For attachments that require additional hydraulic flow. Do not use with  
DPF Load Valve kit ETN92612.

### Operator Environment

Exterior Work Lights Package	AT396663	\$726.00
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Additional 2 Cab lights, with 1 Right hand Boom Light.

Stereo adapter for phone or music device.	ETN93549	\$220.00
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Applicable for machines before SN 1FF250GXTJF610768

### Powertrain & Cooling

Automatic Reversing Cooling Fan	AT453858	\$1,990.00
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Features selectable intervals and manual override.  
For use in environments with airborne debris.  
Installation time 2 hours.



## REFERRAL ATTACHMENTS

Description	Code	Price
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### 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

Auxiliary Counterweight, 2250 lbs.	BYT11003	\$6,440.00
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Guard, Slant Top Rub Rails	AT401260	\$1,908.00
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Rear Work Lights Package	AT430784	\$1,246.00
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