



JOHN DEERE

Current Date 16Nov2018

## 350G LC FT4 EXCAVATOR

## HYDRAULICS:

Open Center, Load Sensing  
with Variable Displacement  
PumpsHydraulic Pilot Controls  
Axial Piston Swing Motor  
Multiple Wet Disk Swing  
BrakeAuxiliary Valve Section  
Adjustable Flow for  
Attachments Through  
MonitorBoom and Arm Reduced  
Drift Valves

Auto Power Lift

Hydraulic Tank Site Gauge  
5,000 Hour Hydraulic Oil  
Change IntervalHydraulic Oil Sampling  
Valve

## UNDERCARRIAGE:

32 In. (800 mm) Triple  
Grouser ShoesTwo Speed Propel with  
Auto-ShiftAxial Piston Propel Motors  
Propel Motor Shields

Planetary Final Drives

Sealed Track Chain

Three Track Guides

Provisions for Tie Downs

X-Frame Car Body

Hydraulic Track Adjuster

Eight 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, 15,274 lbs.  
(6,928 kg)

Work Lights:

One Mounted on Frame

One Mounted on Boom  
Debris Screening Side PanelRemote Mounted Engine Oil  
and Fuel Filters  
Handrails

## FRONT ATTACHMENT:

Oil Impregnated Bushings  
Reinforced Resin Thrust  
PlatesTungsten Carbide Thermal  
Coating on arm to Bucket  
JointCentralized Lubrication  
SystemDirt 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 LeversSwitches for Auxiliary  
Hydraulic Control on RH  
Pilot LeverDeluxe Adjustable Cloth  
Seat with Suspension,  
Reclining Backrest,  
Headrest, and Adjustable  
Lumbar SupportMultifunction, Color LCD  
Monitor System with:Diagnostic Capability  
Systems Monitoring  
CapabilityMultiple Language  
CapabilityMaintenance Tracking  
Engine Coolant

Temperature Gauge

Engine Coolant

Engine Oil Pressure  
Warning Indicator with  
Audible AlarmFuel 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  
ModesAuto-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

Temperature Warning  
 Indicator with Audible  
 Alarm

Easy Access Air  
 Conditioning Filter

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
350G LC FT4 EXCAVATOR	OBJOFF	\$322,572.00

▼ ENGINE

Description	Code	Price
Engine Stage IV Emissions	1095	\$36,270.00
John Deere PowerTech PSS 9.0L 271 Net Rated hp (ISO 9249) Series Turbocharged Charge Air Cooler Electronic Engine Control Unit Auto-Idle System Cool on Demand Hydraulic Driven Fan Antifreeze Protection to -34F (-37C) Enclosed Fan Guard A/C Condenser and Fuel Cooler 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 Heavy Duty, Low Maintenance Batteries 80-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.johndeereinfo.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	(\$1,995.00)

Recommended for rocky terrain, hard ground and stumps.

700 mm (28 In.) Single-Bar, Heavy-Duty Chain and Shoes	3320	\$8,878.00
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Recommended for use only in mountainous terrain.

Triple Semi-Grouser Shoes	3330	(\$1,305.00)
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700 mm (28 In.)  
 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
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Less Boom	6801	No Added Cost
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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	\$28,556.00
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6.4 M (21 Ft. 0 In. ) One Piece Boom with Arm Cylinder and Plumbing

#### 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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3.2M 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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4.0M 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 Guidance

#### 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	7150	\$19,407.00
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2.66 M (8 ft. 9 in.)  
Option includes Arm Reinforcement

Arm with Bucket Cylinder and Linkage	7222	\$20,940.00
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3.2 M (10 ft. 6 in.) Arm

Arm with Bucket Cylinder and Linkage	7267	\$22,391.00
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4.0 M (13 ft. 1 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 Lines w/ 2-Way Foot Controller	7410	\$9,334.00
for 2.1 M (6 ft. 11 in.) Mass Excavating (ME) Arm		
Auxiliary High-Flow Hydraulic w/ 2-Way Foot Controller	7420	\$9,940.00
Includes Combination piping for 3.2 M Arm (10 ft. 6 in.)		
Auxiliary High-Flow Hydraulic w/ 2-Way Foot Controller	7430	\$9,989.00
Includes Combination piping for 4.0 M Arm		
Auxiliary High-Flow Hydraulic Lines Only	7440	\$7,949.00
Includes Combination piping Requires a control circuit such as a foot controller or the standard right-hand control handle with (2) switches. Also order a solenoid kit. for 2.1 M Mass Excavating (ME) Arm		
Auxiliary High-Flow Hydraulic Lines Only	7450	\$7,949.00
Includes Combination piping Requires a control circuit such as a foot controller or the standard right-hand control handle with (2) switches. Also order a solenoid kit. for 3.2 M Arm		
Auxiliary High-Flow Hydraulic Lines Only	7460	\$8,056.00
Includes Combination piping for 4.0 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	\$10,940.00
Includes Combination piping for 3.2 M Arm		
Auxiliary High-Flow Hydraulic Lines w/ AFL (Pilot Lever Proportional Control)	7495	\$10,989.00
Includes Combination piping for 4.0 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	8340	\$12,807.00
48 In. (1219 mm), 1.88 Yd3 (1.44 M3) Heavy-Duty Bucket Includes Six (6) John Deere TK-Series Fanggs Teeth (TK450FD).		
Heavy-Duty Bucket	8350	\$13,718.00

54 In. (1372 mm), 2.18 Yd3 (1.67 M3) Heavy-Duty Bucket  
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK450FD).

Heavy-Duty Bucket	8430	\$13,238.00
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Includes Five (5) John Deere TK-Series Fanggs Teeth (TK400FD).  
42 In. (1067 mm), 1.74 Yd3 (1.33 M3) Heavy-Duty, High-Capacity  
Bucket

Heavy-Duty Bucket	8440	\$14,241.00
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48 In. (1219 mm), 2.07 Yd3 (1.58 M3) Heavy-Duty, High-Capacity  
Bucket  
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK450FD).

Heavy-Duty, High-Capacity Bucket	8450	\$15,265.00
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54 In. (1373 mm), 2.41 Yd3 (1.84 M3)  
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK450FD).

General-Purpose, High-Capacity Bucket	8270	\$16,248.00
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60 In. (1524 mm), 2.78 Yd3 (2.13 M3)  
Includes Seven (7) John Deere TK-Series Fanggs Teeth (TK450FD).

Optional - *Select as desired*

EXHAUST			
Description	Code	Price	
Chrome Exhaust	9700	\$436.00	
HEATER			
Description	Code	Price	
Engine Block Heater	9015	\$243.00	
ENGINE FAN			
Description	Code	Price	
Automatic Reversing Cooling Fan	9115	\$1,747.00	
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			
ETHER STARTING AID			
Description	Code	Price	
Ether Start Aid	9030	\$340.00	
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	\$7,546.00

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.johndeereotechinfo.com](http://www.johndeereotechinfo.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
<a href="#">Buckets, General-Purpose, High-Capacity</a>		

Buckets come standard with horizontal wear strips. Vertical wear strips in lieu of horizontal are available at no additional charge. The switch to vertical wear strips MUST be indicated in the comments section of your order.

60 In (1524 mm), 2.78 yd3 (2.13 M3) General-Purpose, High-Capacity Bucket	AT339215	\$14,926.00
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Includes Seven (7) John Deere TK-Series Fanggs Teeth (TK450FD).  
 Includes Seven (7) John Deere TK-Series Fanggs Teeth (TK550FD).

[Buckets, Heavy-Duty](#)

36 In (914 mm), 1.30 yd3 (0.99 M3) Heavy-Duty Bucket	AT339217	\$9,791.00
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Includes Four (4) John Deere TK-Series Fanggs Teeth (TK450FD)

42 In (1067 mm), 1.59 yd3 (1.22 M3) Heavy-Duty Bucket	AT339219	\$10,758.00
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Includes Five (5) John Deere TK-Series Fanggs Teeth (TK450FD).

48 In (1219 mm), 1.88 yd <sup>3</sup> (1.44 M <sup>3</sup> ) Heavy-Duty Bucket	AT339221	\$11,674.00
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK550FD)		
54 In (1372 mm), 2.18 yd <sup>3</sup> (1.67 M <sup>3</sup> ) Heavy-Duty Bucket	AT339223	\$12,535.00
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK550FD)		
<u>Buckets, Heavy-Duty, High-Capacity</u>		
36 In (914 mm), 1.41 yd <sup>3</sup> (1.08 M <sup>3</sup> ) Heavy-Duty, High-Capacity Bucket	AT339225	\$11,036.00
Includes Four (4) John Deere TK-Series Fanggs Teeth (TK450FD).		
42 In (1067 mm), 1.74 yd <sup>3</sup> (1.33 M <sup>3</sup> ) Heavy-Duty, High-Capacity Bucket	AT339227	\$12,081.00
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK450FD).		
48 In (1219 mm), 2.07 yd <sup>3</sup> (1.58 M <sup>3</sup> ) Heavy-Duty, High-Capacity Bucket	AT339230	\$13,029.00
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK450FD).		
54 In (1372 mm), 2.41 yd <sup>3</sup> (1.84 M <sup>3</sup> ) Heavy-Duty, High-Capacity Bucket	AT339232	\$13,997.00
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK450FD).		
<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)	AT390825	\$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	AT452020	\$10,600.00
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>		



[Please click on the following link to access the freight rate tables.](#)

Deere/Hitachi Hydraulic Thumb Installation	AT339844	\$1,928.00
Labor for installation of Deere/Hitachi thumb at Paladin Customworks Kenersville, NC.		
Hydraulic Thumb Kit, Direct	AT379660	\$10,900.00
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	AT379661	\$10,900.00
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	AT379662	\$12,391.00
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: 350/380 4.0M (13'1")		
Hydraulic Thumb Kit, Progressive for Couplers	AT379663	\$12,391.00
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: 350/380 4.0M (13'1")		
<u>Hydraulics</u>		
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		
	AT390767	\$6,849.00

### Auxiliary Lines, High-Flow for 4.0 M Arm for 350G & 380G

Includes 1 In. diameter lines from the auxiliary spool in main control valve along the boom ending on the arm and 1.25 In. return line routed directly to return filter piping for low pressure return. Also includes 2 relief valves and 2 shutoff valves located on end of arm. Recommend Hydraulic Filter Restriction Indicator Kit.

Boom Cylinder Anti-Drift Valve with Plumbing and Hardware	AT438678	\$3,497.00
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	AT446156	\$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	AT445530	\$784.00
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
Two-Pump Combined Flow Piping	AT358596	\$1,641.00
For attachments that require additional hydraulic flow. Do not use with DPF Load Valve kit ETN92604.		
<u>Operator Environment</u>		
Exterior Work Lights Package	AT396663	\$726.00
Additional 2 Cab lights, with 1 Right hand Boom Light.		
Stereo adapter for phone or music device.	ETN93549	\$220.00
Applicable for machines before SN 1FF350GXTJF812859		
<u>Powertrain</u>		
Severe Duty Water Separator	AT450168	\$626.00
<u>Powertrain &amp; Cooling</u>		
Automatic Reversing Cooling Fan	AT449123	\$1,990.00
Features selectable intervals and manual override. For use in environments with airborne debris. Installation time 2 hours.		

#### REFERRAL ATTACHMENTS

Description	Code	Price
<u>G.R.Mfg.</u>		
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, 2000 lbs. Bottom Mount	ETN85108	\$6,440.00
Counterweights are painted yellow		
Auxiliary Counterweight, 4300 lbs, Bottom Mount, 22m Arm	ETN85109	\$10,864.00
Counterweights are painted yellow		
Auxiliary Counterweight, 2250 lbs.	BYT11004	\$6,440.00
Guard, Slant Top Rub Rails	AT401261	\$2,100.00
Rear Work Lights Package	AT430784	\$1,246.00

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