

**JOHN DEERE**

Current Date 06Jan2021

**380G 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  
Inline DEF Filter  
**UNDERCARRIAGE:**  
32 In. (800 mm) Triple  
Grouser Shoes  
Two Speed Propel with Auto-  
Shift  
Axial 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, 16,819 lbs.  
(7,629 kg)

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

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

Bid Term: 2/22/19 - 2/21/21; Extended to 2/21/22

Work Lights: One Mounted on Frame One Mounted on Boom	Engine Oil Pressure Warning Indicator with Audible Alarm	Easy Access Air Conditioning Filter
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**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.

<b>Description</b>	<b>Code</b>	<b>Price</b>
380G LC FT4 EXCAVATOR	0BK0FF	\$348,517.00

**ENGINE**

<b>Description</b>	<b>Code</b>	<b>Price</b>
Engine Stage IV Emissions	1095	\$38,595.00

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.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.

<b>Description</b>	<b>Code</b>	<b>Price</b>
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.

<b>Description</b>	<b>Code</b>	<b>Price</b>
JDLINK Ultimate - 5 Year Subscription	170C	No Added Cost

Includes JDLINK hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and now includes all Ultimate Connectivity features Wireless Data Transfer (WDT) enabling automatic data transfer from TimberMatic and Waratah H16 Measuring Systems to TimberManager and MyJohnDeere, supporting TimberOffice 5 Software. Additionally, Ultimate now includes Limited Internet features supporting optional ForestSight Solutions such as advance mapping systems and Remote Display Access (RDA) features supported by TeamViewer applications. 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

<b>Description</b>	<b>Code</b>	<b>Price</b>
700 mm (28 In.) Single-Bar, Heavy-Duty Chain and Shoes	3320	\$9,056.00

Recommended for use only in mountainous terrain.

800 mm (32 In.) Triple-Bar, Heavy-Duty Chain and Shoes	3370	\$9,056.00
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Recommended for general conditions and soft terrain.

#### SEAT

<b>Description</b>	<b>Code</b>	<b>Price</b>
Seat, Standard Mechanical	4125	No Added Cost

Seat, Heated Air-Suspension	4130	\$976.00
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Seat, Premium Leather Thermal Heating and Active Cooling	4135	\$2,731.00
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Active heating and cooling  
Air suspension  
High seat back  
3-way adjustability  
High visibility orange 3 inch seat belt

#### BOOM

<b>Description</b>	<b>Code</b>	<b>Price</b>
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	\$30,874.00
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One Piece HD Boom with Arm Cylinder and Plumbing

#### ARM

<b>Description</b>	<b>Code</b>	<b>Price</b>
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	7222	\$22,839.00
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3.2 M (10 ft. 6 in.) HD Arm

Arm with Bucket Cylinder and Linkage	7267	\$22,839.00
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4.0 M (13 ft. 1 in.)  
Not recommended for impact (hammer) or high density material applications.

#### AUXILIARY HYDRAULICS

<b>Description</b>	<b>Code</b>	<b>Price</b>
Less Auxiliary Hydraulics	7401	No Added Cost

Auxiliary High-Flow Hydraulic w/ 2-Way Foot Controller	7420	\$10,530.00
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Includes Combination piping for 3.2 M Arm (10 ft. 6 in.)

Auxiliary High-Flow Hydraulic w/ 2-Way Foot Controller	7430	\$10,536.00
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Includes Combination piping for 4.0 M Arm

Auxiliary High-Flow Hydraulic Lines Only	7450	\$8,108.00
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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	\$8,217.00
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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 (Electronic Proportional Control, Pilot Level Mounted)	7490	\$11,550.00
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Includes Combination piping for 3.2 M Arm

Auxiliary High-Flow Hydraulic Lines w/ AFL (Electronic Proportional Control, Pilot Level Mounted)	7495	\$11,556.00
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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	\$13,063.00
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48 In. (1220 mm), 1.96 Yd3 (1.50 M3) Heavy-Duty Bucket  
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK450FD).

Heavy-Duty Bucket	8350	\$13,992.00
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54 In. (1375 mm), 2.27 Yd3 (1.74 M3) Heavy-Duty Bucket  
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK450FD).

Severe Duty Bucket	8453	\$17,772.00
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54 In. (1375 mm) 02.27 Yd3 (1.74 M3) Severe Dury Bucket  
Includes Five (5) ESCO Ultralok Teeth, Side Shrouds and Wear Protectors

Heavy Duty Bucket	8454	\$16,336.00
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60 In. (1525 mm) 2.57 Yd3 (1.96 M3)  
Includes Six (6) ESCO Ultralok Teeth

## Optional - Select as desired

### HEATER

Description	Code	Price
Engine Block Heater	9015	\$248.00

### ETHER STARTING AID

Description	Code	Price
Ether Start Aid	9030	\$347.00

### FILTER

Description	Code	Price
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Fuel Filter, Severe-Duty	9060	\$175.00
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Engine Air Centrifugal Pre-Cleaner	9070	\$631.00
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Recommended for harsh conditions

#### ENGINE FAN

Description	Code	Price
Automatic Reversing Cooling Fan	9115	\$1,782.00

Features selectable intervals and manual override.  
For use in environments with airborne debris.

Single Pedal Propel	9180	\$2,259.00
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Additional pedal for tracking both tracks simultaneously in the same direction

#### EXHAUST

Description	Code	Price
Chrome Exhaust	9700	\$445.00

#### 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	\$643.00

#### LIGHT PACKAGE

Description	Code	Price
Light Package	9150	\$2,258.00

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	\$7,697.00

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

#### ATTACHMENTS FOR FIELD CONVERSION

Description	Code	Price
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**Buckets, Heavy-Duty**

36 In (914 mm), 1.37 yd3 (1.05 M3) Heavy-Duty Bucket	BYT11167	\$8,568.00
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Includes Four (4) John Deere TK-Series Fanggs Teeth (TK450FD)

42 In (1067 mm), 1.66 yd3 (1.27 M3) Heavy-Duty Bucket	BYT11168	\$9,148.00
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Includes Four (4) John Deere TK-Series Fanggs Teeth (TK450FD).

48 In (1219 mm), 1.96 yd3 (1.50 M3) Heavy-Duty Bucket	BYT11169	\$9,803.00
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Includes Five (5) John Deere TK-Series Fanggs Teeth (TK450FD)

54 In (1372 mm), 2.27 yd3 (1.74 M3) Heavy-Duty Bucket	BYT11170	\$10,607.00
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Includes Five (5) John Deere TK-Series Fanggs Teeth (TK450FD)

54 in.(1372 mm) 2.27 yd3 (1.74 M3) SD Bucket	BYT11172	\$12,506.00
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Includes Five (5) John Deere TK-Series Teeth (TK550SD).  
Also include Side Shrouds and Wear Protectors.

60 In (1524 mm), 2.57 yd3 (1.96 M3) Heavy-Duty Bucket	BYT11171	\$11,494.00
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Includes Six (6) John Deere TK-Series Teeth (TK450)

**Buckets, Side Cutters**

Edge Protector Kit	AT342511	\$624.00
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Side-Cutter Kit, 3 inch	AT342512	\$647.00
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Side-Cutter Kit, 6 inch	AT342513	\$647.00
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**G.R.Mfg.**

Guard, Slant Top Rub Rails	AT401261	\$2,163.00
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**Guards**

Cab FOPS Guard	AT419609	\$4,457.00
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FOPS Level II, ISO 10262 Certified

**Hydraulic Couplers**

Hydraulic Quick Coupler (Non-Variable type) - Coupler and Controls Kit	AT452020	\$10,920.00
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Includes non-variable hydraulic quick coupler with hydraulic and electrical control components

Hydraulic Quick Coupler (Variable-type Pin-Grabber) - Coupler Only	BYT11634	\$14,912.00
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Coupler kit ONLY. Includes coupler, jumper hoses, and one set of dead pins.  
Controls components NOT included. Also purchase Controls Kit BYT11635.

Not compatible with hydraulic thumb AT379660, AT379661, AT379662, AT379663.

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Hydraulic Quick Coupler Controls Kit, (Variable-type Pin-Grabber) - Controls Kit Only	BYT11635	\$1,536.00
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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 BYT11634.  
May not be required if replacing existing hydraulic quick coupler.

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Installation Charge for Hydraulic Quick Coupler	AT345608	\$1,401.00
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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.

### Hydraulic Thumb Kits

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Deere/Hitachi Hydraulic Thumb Installation	AT339844	\$1,987.00
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Labor for installation of Deere/Hitachi thumb at Paladin Customworks Kernersville, NC.

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Hydraulic Thumb Kit, Direct	AT379660	\$11,229.00
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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.

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Hydraulic Thumb Kit, Direct for Couplers	AT379661	\$11,229.00
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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) BYT11634.

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Hydraulic Thumb Kit, Progressive	AT379662	\$12,765.00
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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")  
Not compatible with couplers.

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Hydraulic Thumb Kit, Progressive for Couplers	AT379663	\$12,765.00
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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")



Not compatible with Hydraulic Quick Coupler (Variable-type Pin-Grabber)  
BYT11634.

### **Hydraulics**

Anti-Drift Valve with Plumbing and Hardware, Arm Cylinder AT327659 \$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

Auxiliary Lines, High-Flow for 4.0 M Arm for 350G & 380G AT390767 \$7,056.00

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 \$3,603.00

Control Handle for Auxiliary Hydraulics, Left-Hand AT327652 \$530.00

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 \$960.00

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 \$808.00

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 \$797.00

Two-Pump Combined Flow Piping AT358596 \$1,691.00

For attachments that require additional hydraulic flow.  
Do not use with DPF Load Valve kit ETN92604.

### **Operator Environment**

Exterior Work Lights Package AT396663 \$748.00

Additional 2 Cab lights, with 1 Right hand Boom Light.

Full Length Front Guards	BYT11141	\$1,547.00
<b><u>Overall Vehicle</u></b>		
Vandal Covers	BYT11005	\$3,053.00
After Serial # 00300		
<b><u>Powertrain &amp; Cooling</u></b>		
Automatic Reversing Cooling Fan	AT449123	\$2,050.00
Features selectable intervals and manual override. For use in environments with airborne debris. Installation time 2 hours.		