



Current Date 03Jan2020

## 85G EXCAVATOR

## ENGINE:

Yanmar 4TNV98C 3.3L -  
certified with EPA Final Tier 4  
emissions

57 SAE Net HP

Direct Injection

Antifreeze Protection to -34  
degrees F (-37 degrees C)

Single Dry-Type Air Filter

Electric Fuel Shutoff

Low-Noise Fan with Guard

Full Flow Oil Filter

Heavy-Duty Low

Maintenance Batteries

Fuel Filter

Isolation Mounted

Radiator/Oil Cooler Trash  
Screen

50 Amp Alternator - 24 Volt

Automatic Belt Tension

Device

Water Separator

## HYDRAULICS:

Open Center with Two

Variable Displacement

Pumps

Hydraulic Shut-Off Lever

Hydraulic Pilot Controls

Axial Piston Swing Motor

Multiple Wet Disk Swing

Brake

Boom Reduced-Drift Valves

Mechanical Pattern Changer

Hand Controlled Proportional

Auxiliary Hydraulics Plumbed

to the End

of the Boom

## UNDERCARRIAGE:

450 mm (18 In. ) Rubber

Pad Track Shoes

Front Track Guide

Propel Motor Shield

Planetary Final Drive

Two-Speed Propel

Axial Piston Propel Motor

Back-fill Blade

## UPPER STRUCTURE:

Rear-view Mirrors (right, left,  
and rear)

Toolbox

Vandal Locks for:

Cab Door

Service Doors

Fuel Cap

Hydraulic Reservoir

Toolbox

Work lights:

One Mounted on Frame

One Mounted on Boom

Counterweight 3,104 lbs.

(1,305 kg)

## FRONT ATTACHMENTS:

WC Thermal Spraying of

Bucket Joint

Dirt Seal on all Bucket Pins

One Piece Swing Boom

Less Bucket

## OPERATOR'S STATION:

Arm Rests

Pilot Control Shut-Off Lever

Short Stroke, Low Effort Pilot

Levers

Deluxe Adjustable Cloth Seat

with Suspension

Multi-function, 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

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

Two 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

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

Required - *You must select one from each category*

▼ BASE MACHINE

F.O.B. US/Canadian Port of Entry except where noted.  
See DEALER-INSTALLED ATTACHMENT section for additional source notes.

Description	Code	Price
85G EXCAVATOR	0081FF	\$133,601.00

▼ TRACK SHOES

Description	Code	Price
600 mm (24in.) Track Shoes	3205	\$1,010.00

Long lead time required.  
Triple Semi-Grouser Shoes w/ Blade

450 mm (18 In.) Steel Triple Semi-Grouser Shoes w/ Blade	3215	(\$2,930.00)
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Rubber Crawler Pads	3265	No Added Cost
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450 mm (18 In.) Rubber Pads w/ Blade  
Steel track shoes with vulcanized rubber pads bonded to top of shoes.

450 mm (18 In.) Continuous Rubber Belt w/ Blade	3275	\$1,010.00
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Long lead time required.

▼ ARM

Description	Code	Price
2.12 M (6 Ft. 11 In.) Arm Assembly with Bucket Cylinder and Linkage	7060	\$6,724.00

Optional - *Select as desired*

▼ 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.johndeereinfo.com](http://www.johndeereinfo.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="#">Backhoe Buckets</a>		

BKH Pin-on Bucket 18 In. (457 mm) Heavy-Duty 5.1 Cu. Ft. (0.14 Cu. M.)	AT437340	\$1,345.00
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Must include hydraulic coupler AT442602 if ordered for excavator usage.

BKH Pin-on Bucket 24 In. (610 mm) Heavy-Duty 8.8 Cu. Ft. (0.25 Cu. M.)	AT437344	\$1,593.00
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Must include hydraulic coupler AT442602 if ordered for excavator usage.

BKH Pin-on Bucket 30 In. (762 mm) Heavy-Duty 10.0 Cu. Ft. (0.28 Cu. M.)	AT437345	\$1,670.00
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Must include hydraulic coupler AT442602 if ordered for excavator usage.

BKH Pin-on Bucket 36 In. (914 mm) Ditching 12.5 Cu. Ft. (0.35 Cu. M.)	AT437616	\$1,578.00
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Must include hydraulic coupler AT442602 if ordered for excavator usage.  
Ditching bucket does not include teeth.

BKH Pin-on Bucket 36 In. (914 mm) Heavy-Duty; 12.5 Cu. Ft. (0.35 Cu. M.)	AT437346	\$1,798.00
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Must include hydraulic coupler AT442602 if ordered for excavator usage.

### Buckets, Heavy-duty

24 IN (610 mm), 0.33 yd3 (0.25 M3) Heavy-Duty Bucket (Pin-on Bucket)	BYT11021	\$1,581.00
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Includes Five (5) John Deere TK-Series Fanggs Teeth (TK225FD)

30 IN (762 mm), 0.37 yd3 (0.28 M3) Heavy-Duty Bucket (Pin-on Bucket)	BYT11022	\$1,658.00
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Includes Five (5) John Deere TK-Series Fanggs Teeth (TK225FD)

36 IN (914 mm), 0.46 yd3 (0.35 M3) Heavy-Duty Bucket (Pin-on Bucket)	BYT11023	\$1,785.00
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Includes Six (6) John Deere TK-Series Fanggs Teeth (TK225FD)

36 IN (914mm), 0.49yd3 (0.38 M3) Ditch-cleaning Bucket (Pin-on Bucket)	BYT11024	\$1,645.00
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Includes reversible bolt-on cutting edge

### Hydraulic Couplers

Hydraulic Quick Coupler	AT442602	\$7,478.00
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For use with John Deere backhoe buckets only. Will not interface with standard excavator buckets.

Extra pins required can be ordered through service parts:

T185832

T185831

Thumb Kit, Direct with Coupler	BYT10499	\$5,100.00
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Thumb Kit, Direct without Coupler	BYT10498	\$5,100.00
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### Hydraulics

Auxiliary Hydraulic Lines - Boom to Arm	AT436726	\$1,170.00
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	AT356391	\$1,438.00
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## Foot Pedal Control Kit for Meterable Two-Way Hydraulics

Recommended: Hydraulic Filter Restriction Indicator Kit  
Does not require a solenoid kit.

Foot Pedal Switch for 1-Way Control of Auxiliary Valve	AT196587	\$525.00
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Installation instructions T161995.

Average installation, 1 hour.

For customers who want an auxiliary valve with foot pedal control of attachments that require 1-direction on/off control without metering.

Includes foot switch and wiring harness.

**ALSO ORDER:**

Hydraulic Filter Restriction Indicator Kit Recommended.

For a complete system, also order 1-Way or 2-Way Electric Solenoid Valves for Auxiliary Valve and Auxiliary Hydraulic Lines.

Requires a solenoid kit.

Average installation, 1 hour.

For customers who want an auxiliary valve with foot pedal control of attachments that require 1-direction on/off control without metering.

Includes foot switch and wiring harness.

**ALSO ORDER:**

Hydraulic Filter Restriction Indicator Kit Recommended.

For a complete system, also order the 2-Way Electric Solenoid Valves for Auxiliary Valve and Auxiliary Hydraulic Lines.

Hydraulic Filter Restriction Indicator Kit	AT442872	\$789.00
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For iT4 and FT4 only.

Single Pedal Propel Kit	AT390776	\$2,122.00
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Miscellaneous

Pin Kit, 75/85 Excavator Bucket Pin Field Kit	BYT11472	\$383.00
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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

Screen, Front CAB	BYT10447	\$2,848.00
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