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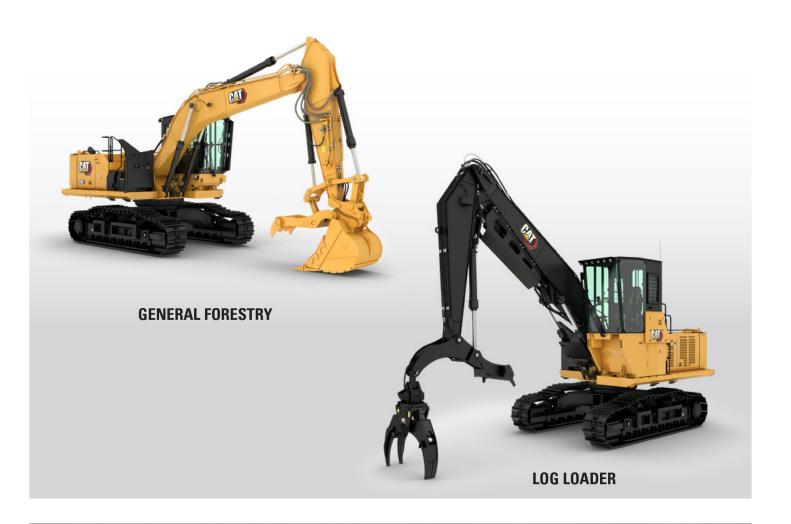
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# **CAT® 558**

# WOODS WORK MADE PRODUCTIVE, PROFITABLE, AND PLEASANT

Step by step guide to configure your 558 General forestry or Log loader machine starting with the base machine, attachments, worktools and kits, suited for your application or job at hand.



#### **NEXT GENERATION FOREST MACHINES**

Cat® next generation forest machines offer you more value than ever for your business.

- MORE PERFORMANCE
- + GREATER COMFORT
- + ENHANCED SAFETY

Simply put, Cat next generation forest machines help you move more timber to make more money.

#### **SEGMENT SOLUTIONS**

#### HARVESTING AND PROCESSING

The purpose built processor configuration provides front linkage and hydraulic package for installing the dangle head processor. Many processing heads utilize hydraulic feed rolls and delimbing knives to feed trees through the head, delimbing all the branches. This also has the ability to measure length, diameter and volume and cut into desired length of logs.



558 Log		Application	
Loader	Feature Compatibility	Powerclam / Butt N Top	Straight Boom Processor carrier
Cab	Rear Entry Cab, 48" easy lock riser	<b>&gt;</b>	<b>~</b>
	Rear Entry Cab, 72" easy lock riser	<b>✓</b>	<b>✓</b>
	Side Entry Cab, 22" bolted riser		
	GF reach with rotate 3.2 stick, w/o rotate		
	GF reach with rotate 3.2 stick, w/ rotate		
	GF Linkage omission (delimber carrier)		
	LL under/under heel		<b>✓</b>
	LL over/under heel		<b>✓</b>
	LL powerclam / Butt N Top	<b>✓</b>	
	LL under/under heel, with ground saw hydraulics		
	LL over/under heel, with ground saw hydraulics		
	LL powerclam / Butt N Top, with ground saw hydraulics	<b>&gt;</b>	
Tracks	28" single grouser	<b>\</b>	<b>&gt;</b>
	28" double grouser	<b>✓</b>	<b>✓</b>
	33" triple grouser	<b>~</b>	~

#### **SEGMENT SOLUTIONS**

**POWERCLAM** 

Dedicated log loader configuration for applications including over / under heel (as shown), under / under heel, as well as powerclam, shortwood, or Butt n Top grapples. The powercalm is used to clear cut log from the hill side and prepare to load on to trucks.

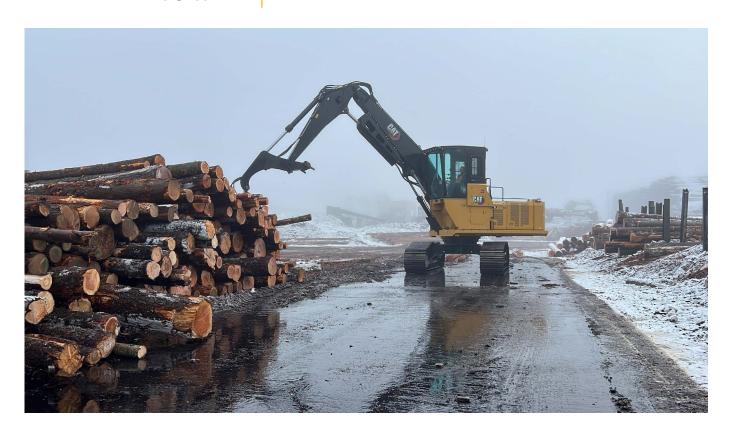


558 Log		Application
Loader	Feature Compatibility	Powerclam / Butt N Top
Cab	Rear Entry Cab, 48" easy lock riser	~
	Rear Entry Cab, 72" easy lock riser	<b>✓</b>
	Side Entry Cab, 22" bolted riser	
	GF reach with rotate 3.2 stick, w/o rotate	
	GF reach with rotate 3.2 stick, w/ rotate	
	GF Linkage omission (delimber carrier)	
	LL under/under heel	
	LL over/under heel	
	LL powerclam / Butt N Top	✓
	LL under/under heel, with ground saw hydraulics	
	LL over/under heel, with ground saw hydraulics	
	LL powerclam / Butt N Top, with ground saw hydraulics	<b>✓</b>
Tracks	28" single grouser	~
	28" double grouser	~
	33" triple grouser	~

Dedicated log loader configuration for millyard applications including over / under heel (as shown), under / under heel, as well as powerclam, shortwood, or Butt n Top grapples.

#### **SEGMENT SOLUTIONS**

#### **MILLYARD APPLICATION**

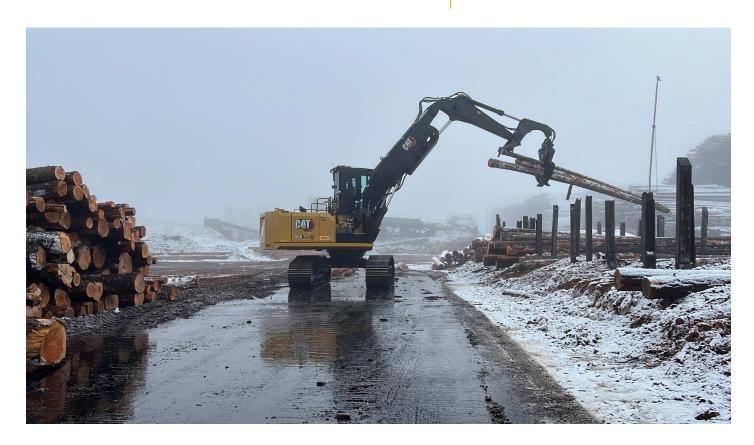


558 Log		Application
Loader	Feature Compatibility	Millyard Decking Heel & Grapple
Cab	Rear Entry Cab, 48" easy lock riser	<b>✓</b>
	Rear Entry Cab, 72" easy lock riser	<b>✓</b>
	Side Entry Cab, 22" bolted riser	<b>&gt;</b>
	GF reach with rotate 3.2 stick, w/o rotate	
	GF reach with rotate 3.2 stick, w/ rotate	
	GF Linkage omission (delimber carrier)	
	LL under/under heel	~
	LL over/under heel	<b>✓</b>
	LL powerclam / Butt N Top	
	LL under/under heel, with ground saw hydraulics	~
	LL over/under heel, with ground saw hydraulics	~
	LL powerclam / Butt N Top, with ground saw hydraulics	
Tracks	28" single grouser	<b>~</b>
	28" double grouser	<b>✓</b>
	33" triple grouser	<b>~</b>

#### **SEGMENT SOLUTIONS**

**LOG LOADING** 

Loading trucks with logs for transport to the mill. This includes both live heel and fixed grapple variants of the machine



558 Log		Application
Loader	Feature Compatibility	Truck Loading Heel & Grapple
Cab	Rear Entry Cab, 48" easy lock riser	<b>~</b>
	Rear Entry Cab, 72" easy lock riser	<b>✓</b>
	Side Entry Cab, 22" bolted riser	<b>&gt;</b>
	GF reach with rotate 3.2 stick, w/o rotate	
	GF reach with rotate 3.2 stick, w/ rotate	
	GF Linkage omission (delimber carrier)	
	LL under/under heel	<b>✓</b>
	LL over/under heel	<b>✓</b>
	LL powerclam / Butt N Top	
	LL under/under heel, with ground saw hydraulics	<b>✓</b>
	LL over/under heel, with ground saw hydraulics	<b>~</b>
	LL powerclam / Butt N Top, with ground saw hydraulics	
Tracks	28" single grouser	<b>~</b>
	28" double grouser	<b>~</b>
	33" triple grouser	<b>&gt;</b>

#### **SEGMENT SOLUTIONS**

#### **ROAD BUILDING, DELIMBER CARRIER**

This General Forestry configuration includes bucket, thumb, and quick coupler hydraulics and lines groups are included for use in forestry roadbuilding, landclearing, mulching, and loading chippers and grinders. The thumb-ready stick makes thumb installation simple and straightforward, and the optional medium pressure hydraulic circuit with dedicated variable displacement auxiliary pump allows flexibility for using rotating attachments like log grapples or powerclam grapples when needed. This provides a very versatile configuration for a variety of attachments and applications.



FEOLog		GF Roadbuilding
558 Log Loader	Feature Compatibility	Bucket, thumb, Quick coupler hydraulics
Cab	Rear Entry Cab, 48" easy lock riser	
	Rear Entry Cab, 72" easy lock riser	
	Side Entry Cab, 22" bolted riser	<b>✓</b>
	GF reach with rotate 3.2 stick, w/o rotate	<b>✓</b>
	GF reach with rotate 3.2 stick, w/ rotate	<b>✓</b>
	GF Linkage omission (delimber carrier)	
	LL under/under heel	
	LL over/under heel	
	LL powerclam / Butt N Top	
	LL under/under heel, with ground saw hydraulics	
	LL over/under heel, with ground saw hydraulics	
	LL powerclam / Butt N Top, with ground saw hydraulics	
Tracks	28" single grouser	<b>✓</b>
	28" double grouser	<b>✓</b>
	33" triple grouser	<b>✓</b>

#### LINKAGE REACH WITH ROTATE, 3.2 M STICK

Includes:

-BOOM, REACH, GF

-LINES, BOOM, STD

-STICK, R3.2M (106")

-CYLINDER, BOOM

-CYLINDER, STICK

-LIGHT, REACH BOOM RH

-LIGHT, REACH BOOM LH

-LIGHT, GF BOOM, REAR

-LINES, S TRAVEL DR, W QC

-LINES, PUMP SUCTION

-CONTROL, AUX, 85 CC

-CIRCUIT, QUICK COUPLER

-LINES, HP, REACH BOOM

-LINES, BOOM, MP

Bucket, thumb, and quick coupler hydraulics and lines groups are included on General Forestry roadbuilder configurations for use in forestry roadbuilding, landclearing, mulching, and loading chippers and grinders. The dedicated variable displacement auxiliary pump allows flexibility for using rotating attachments like log grapples or powerclam grapples when needed.



#### Includes:

- -BOOM, REACH, GF
- -LINES, BOOM, STD
- -STICK, R3.2M (106") HD
- -CYLINDER, BOOM
- -CYLINDER, STICK
- -LIGHT, REACH BOOM LH
- -LIGHT, REACH BOOM RH
- -LIGHT, GF BOOM, REAR
- -LINES, S TRAVEL DR, W/O QC
- -LINES, PUMP SUCTION
- -CIRCUIT, QUICK COUPLER
- -LINES, HP, REACH BOOM
- -LINES, QC, REACH BOOM
- -LINES-HP, R3.2M (106") STICK
- -LINES-QC, R3.2M (106") STICK

#### **ATTACHMENT**

LINKAGE REACH, WITHOUT ROTATE, 3.2M STICK



#### Includes:

- -BOOM, REACH, LL, U/U & O/U
- -LINES, BOOM, U/U & O/U
- -STICK, O/U
- -CYLINDER, BOOM, LL
- -CYLINDER, STICK, LL
- -WIRING, BOOM, LL
- -LIGHTS, STICK, O/U
- -LINES, S TRAVEL DR, W/O QC
- -LINES, PUMP SUCTION

#### **ATTACHMENT**

# LINKAGE UNDER / UNDER LOG LOADER

The under/under heel log loader configuration is

used for truck loading, shovel logging, millyard decking applications, as well as locally installed processor packages when combined with a processor installation kit. The heel cylinder is mounted underneath the stick in the under/under configuration, giving maximum heeling power and leverage. The primary application for the under/under heel configuration is truck loading or millyard work for sorting and decking. This Log Loader front linkage package for over/under heel rack, Includes fixed displacement 30cc auxiliary pump and **HP and MP boom** and stick lines

# LINKAGE OVER / UNDER LOG LOADER

The over/under heel log loader configuration is primarily used for millyard decking applications, inventorying logs into decks, unloading and reloading trucks, as well as sorting and merchandising. The over/under heel configuration has the heel cylinder mounted on top of the stick, out of the way of rotating logs, and also allows the heel rack to tuck in tighter underneath the stick for higher decking and level log heights, as well as improved visibility.

**INCLUDES:** 

-BOOM, REACH, LL, U/U & O/U

-LINES, BOOM, U/U & O/U

-STICK, U/U

-CYLINDER, BOOM, LL

-CYLINDER, STICK, LL

-LIGHT, STICK, U/U

-WIRING, BOOM, LL

-LINES, S TRAVEL DR, W/O QC

-LINES, PUMP SUCTION

-CONTROL, AUX, 30 CC

-BRACKET, CENTER HR & MC VALVE



#### Includes:

- -BOOM, REACH, LL, U/U & O/U
- -LINES, BOOM, POWER CLAM
- -STICK, POWER CLAM
- -CYLINDER, BOOM, LL
- -CYLINDER, STICK, LL
- -WIRING, BOOM, LL
- -LIGHTS, STICK, POWER CLAM
- -LINES, S TRAVEL DR, W/O QC
- -LINES, PUMP SUCTION
- -CONTROL, AUX, 85 CC, POWER CLAM
- -BRACKET, CENTER HR & MC VALVE

#### **ATTACHMENT**

#### LINKAGE POWER CLAM, LOG LOADER

The powerclam / Butt N Top log loader configuration utilizes a top mounted tool cylinder for power rotating grapples. The Butt N Top grapple is primarily used for long log lengths and configured with hydraulic outriggers on the grapple in order to be able to orient the logs with butts ahead or tops ahead in truck loading and millyard applications.

Powerclam grapples are also power rotating grapples that can have 0, 1, or 2 outriggers on the grapple and typically utilize a 4&3 tine jaw configuration and are very versatile for handling measured log lengths or short wood for truck loading, decking trees at the landing from skidders,



#### **OTHER LINKAGE**



#### **BUCKET LINKAGE WITH EYE**

BUCKET LINKAGE,
- PROVISION OF EYE TO LIFT LOAD
ONLY FOR USE WITH:
LINKAGE - REACH W/ROTATE,
LINKAGE - REACH FORESTRY MACHINE



#### **BUCKET CYLINDER**

THIS BUCKET CYLINDER IS USED WITH DB LINKAGES
CAN BE USED FOR LINKAGES
WITH OR WITHOUT EYE

# OMISSION LINKAGE WITH CYLINDER

#### **INCLUDES:**

- -CYLINDER, BOOM.
- -LINES.
- -STRAIGHT TRAVEL DRAIN LINES,
- -W/O QUICK COUPLER

# OMISSION LINKAGE WITHOUT CYLINDER

#### **INCLUDES:**

- -LINES,
- -STRAIGHT TRAVEL DRAIN LINES.
- -W/O QUICK COUPLER
- Linkage NOT included

The 28" single grouser is especially useful in steeper ground applications and has more impact when travelling on logging roads and primarily utilised in-wood. The narrower shoe width minimizes track bending and improves undercarriage life particularly in broken groundand tough underfoot conditions.

#### **ATTACHMENT**

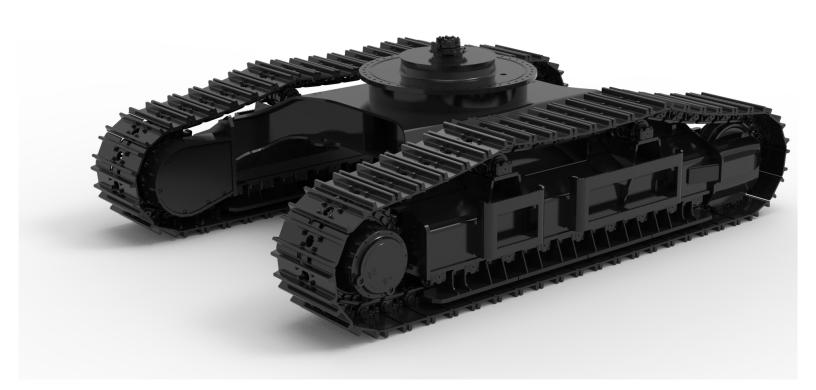
#### **TRACK SINGLE GROUSER 28" WIDTH**



The 24" single grouser track undercarriage arrangement gives the most aggressive traction capability, with the use of taller grouser height and the ability to bite into the ground for reduced track chance slip.

#### TRACK DOUBLE GROUSER 28" WIDTH

The 28" double grouser track undercarriage arrangement is the most versatile and popular shoe arrangement with a compromise between the agressiveness of the single grouser shoe and the wider width and shorter grouser height of the triple grouser shoe.



The track gives good overall performance and durability for a vareity of applications including soft underfoot as well as in-wood or at the landing. It has reduced impact on the roads compared to single grouser tracks.

The 31" triple grouser track undercarriage is most often used in the millyard application with improved surfaces as well as applications that require improved floatation.

#### **ATTACHMENT**

**TRACK TRIPLE GROUSER 33" WIDTH** 



Wider tracks with lower grouser height provide smoother travel and good operating condition on improved surfaces, as well as in-wood applications needing more floatation.

#### HYDRAULIC PACKAGE

#### **INCLUDES:**

-VALVE Arrangement, LogLoader W/ TCS 20
-LINES, HOSE, General Forestry OR
Log Loader
-CONTROL, AUX, Tool Control System 20
-LINES, OIL CLEANER
ONLY FOR USE WITH:
LINKAGE, REACH W/O ROTATE
LINKAGE. REACH W/ ROTATE

# HYDRAULIC PACKAGE TOOL CONTROL SYSTEM 20, REACH

This Hydraulic package is used for Roadbuilder or General forestry configurations.

This hydraulic package has a two way pump with a common circuit (one or two ways) circuit pressure and change is electronically controlled by thumb wheel.

#### **INCLUDES:**

and OMISSION Linkages

-VALVE Arrangement, LogLoader W/ TCS22-LINES, -HOSE, General Forestry OR Log Loader -CONTROL, ADV, Tool Control System 22 -LINES Group, OIL CLEANER ONLY FOR USE WITH:

LINKAGE, UNDER/UNDER, LL

# HYDRAULIC PACKAGE TOOL CONTROL SYSTEM 22, LOG LOADER

Tool control package for under/under or over/under heel log loader with ground saw slasher package, includes hydraulic connections for ground saw slasher circuit. This hydraulic package has two way pump with 1 / 2 way circuit and electronic control.

#### **INCLUDES:**

- -VALVE ARR, LL W/O SLASHER
- -LINES, HOSE, POWER CLAM
- -CONTROL, TCS 22, POWER CLAM
- -LINES GR, OIL CLEANER ONLY FOR USE WITH:

LINKAGE, U/U W/ POWERCLAM, LL

# HYDRAULIC PACKAGE TOOL CONTROL SYSTEM 20, POWER CLAM

Tool control package for power clam log loader with ground saw slasher package, includes hydraulic connections for ground saw slasher circuit.

The side entry cab has ingress from the left side of the machine.

The cab is certified for ROPS, WBC, OPS, SAE, FOPS, ISO and OR-OSHA.

#### **ATTACHMENT**

**CAB SIDE ENTRY** 



Includes in addition to standard equipment:
Standard operator controls,
32 mm (1.25") front window,
Mounting bosses in cab for processor electronics,
Left and right side sliding windows
Only for use with:
general forestry machine
log loader forestry machine

**CAB REAR ENTRY** 

The rear entry cab has ingress from the right side of the machine over the platform from the rear of the cab.

This is a safer way to enter the operator station. This cab is spacious and has increased visibility.

The cab is certified for ROPS, WBC, OPS, SAE, FOPS, ISO and OR-OSHA.

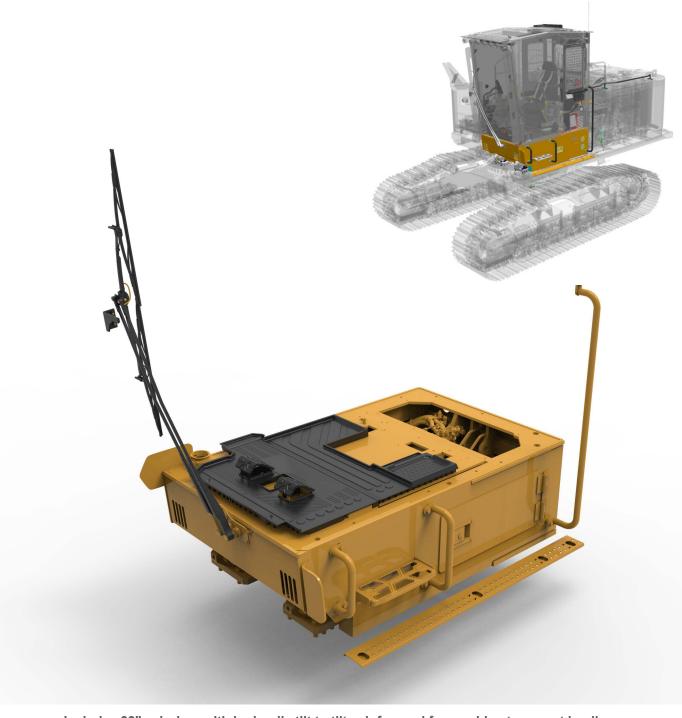


Includes in addition to standard equipment:
Standard operator controls,
32 mm (1.25") thick front window,
Mounting bosses in cab for processor electronics,
Left and right side sliding windows
Only for use with:

Log Loader forestry machine

**TILTING RISER, SIDE ENTRY 22"** 

This is a riser with a height of 22", available for the side-entry cab to increase the transportability of the FM machine with a work tool.



Includes 22" cab riser with hydraulic tilt to tilt cab forward for machine transport hauling.

This 48" cab riser is mainly used for the log loaders to help see loading of logs on to trucks from a higher eye point.

This Riser can be tilted with a hydraulic motor, with the cab during transportation.

#### **ATTACHMENT**

TILTING RISER, REAR ENTRY CAB, 48", EASY LOCK



TILTING RISER, REAR ENTRY CAB, 72", EASY LOCK This 72" cab riser is mainly used for the log loaders to help see loading of logs on to trucks from a higher eye point. This Riser can be tilted with a hydraulic motor, with the cab during transportation.



#### **INTEGRATED CAN RADIO**

CAN radios are a platform that complements vehicle command and control functionality via CAN J1939. They are equipped with AM/FM worldwide Radio data system receivers including Digital audio broadcasting tuner, bluetooth and additional auxillary inputs. The CAN radios can be connected to a touch screen display or remote control in the vehicle to send or receive CAN J1939 messages. This is designed for high vareity of commercial agricultural and construction vehicles.



Integrated faceless AM/FM radio with Bluetooth technology. Interfaces with an advanced display. Availability varies by country. Only for use with: Side entry cab



**Antennae** 



# INTEGRATED RADIO CB (Citizen brand) + VHF (Very High Frequency)

Integrated faceless AM/FM radio with Bluetooth technology. Interfaces with an advanced display. Availability varies by country. Includes RADIO, AM/FM/USB/BT, plus a mounting bracket for a CB/VHF radio.

Only for use with: side entry cab

Antennae





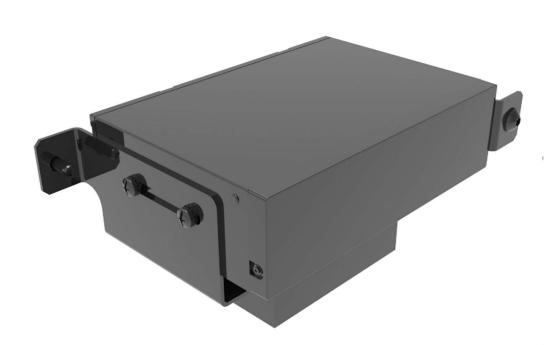
Mounting bracket for a CB/VHF radio.



#### RADIO, AM/FM, USB/Bluetooth REAR ENTRY CAB

Integrated faceless AM/FM radio with Bluetooth technology for Rear entry cab. Interfaces with an advanced display. Availability varies by country.







Mounting bracket for a CB/VHF radio.



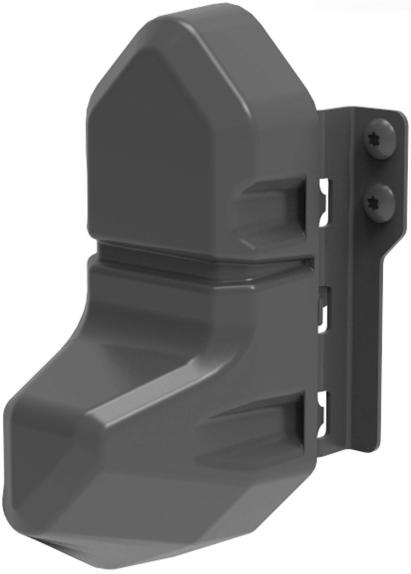
#### RADIO, CB/VHF REAR ENTRY CAB

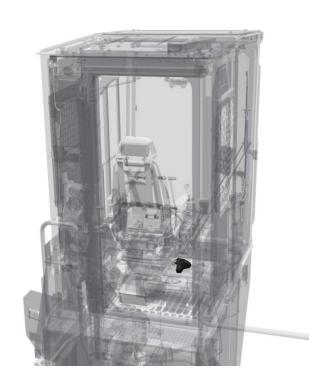
Integrated faceless AM/FM radio with Bluetooth technology. Interfaces with an advanced display. Availability varies by country. Includes RADIO, AM/FM/USB/Bluetooth, plus a mounting bracket for a CB/VHF radio.

# RECEIVER BLUETOOTH SIDE ENTRY CAB

Bluetooth receiver for side entry cab.
Only for use with: side entry cab.







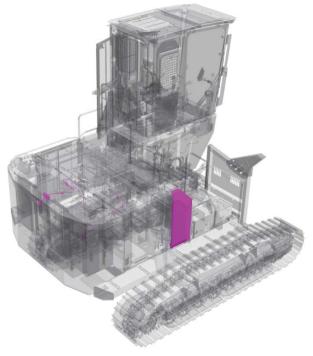
# RECEIVER BLUETOOTH REAR ENTRY CAB

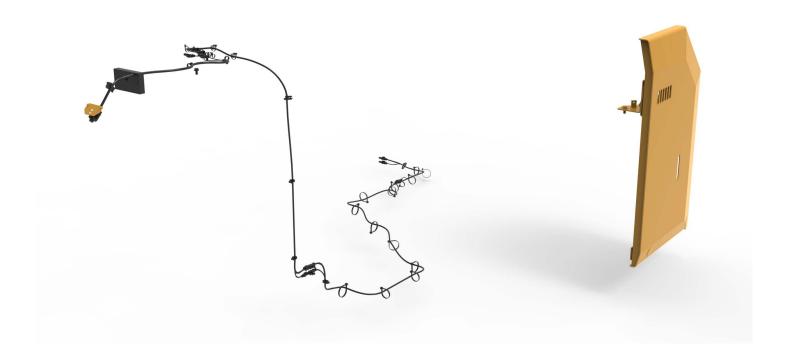
Bluetooth receiver for rear entry cab.
Only for use with: rear entry cab



**CAMERA REAR VIEW** 

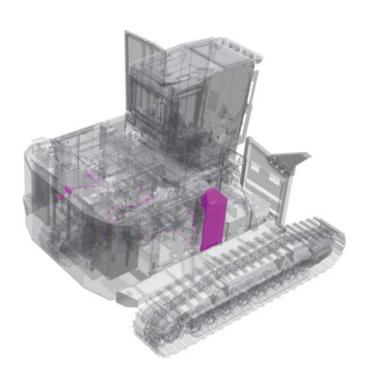
Rearview Camera is builti into the counterweight providing view to the rear of the machine. This is a standard for all NGH forestry machines. Camera output can be n on the machine display

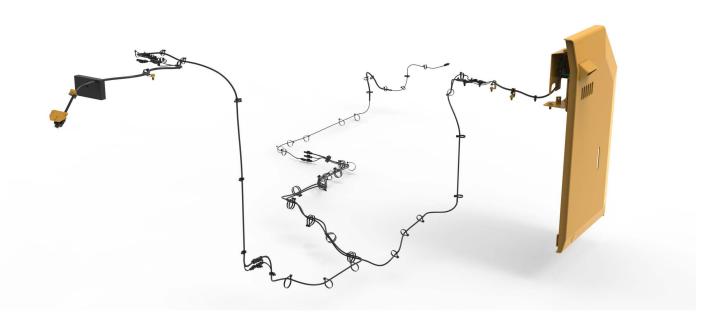




CAMERA, REAR & RIGHT SIDE, 22" RISER

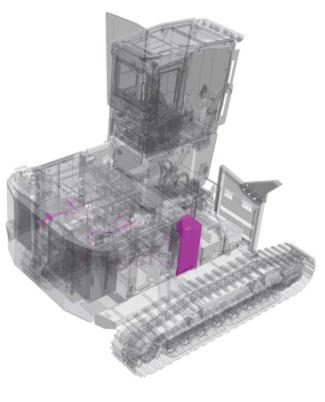
Camera to view the rear of the machine and the right hand side with 22" riser.
Camera output can be seen on the machine display

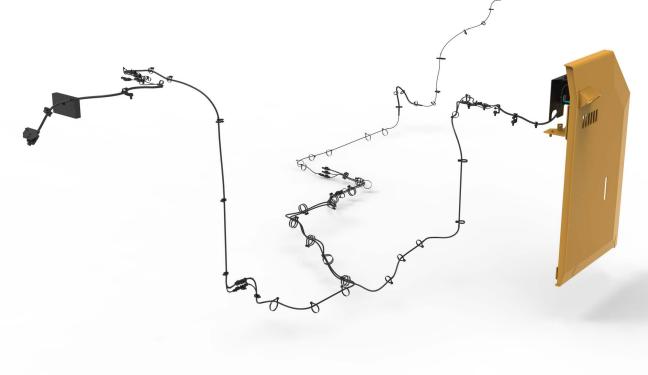




CAMERA, REAR & RIGHT SIDE 48" RISER, REAR ENTRY CAB

Camera to view the rear of the machine and the right hand side with fixed 48" riser in a rear entry cab. Camera output can be seen on the machine display.

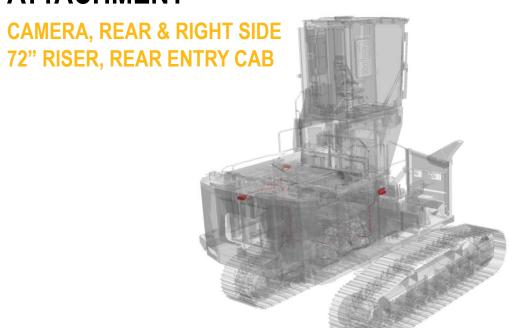


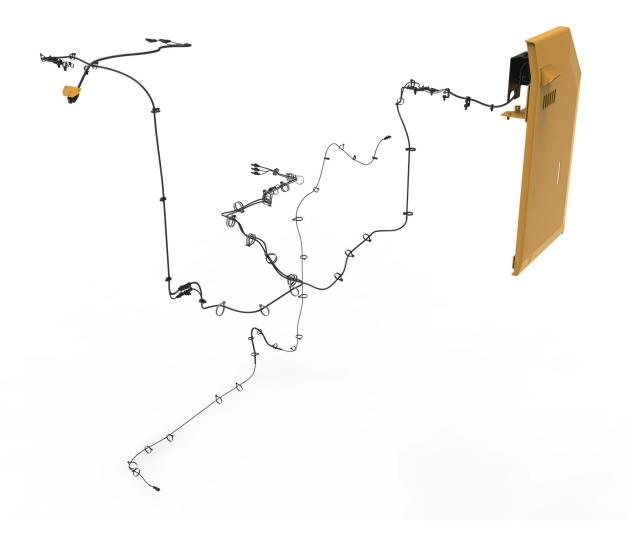


Camera to view the rear of the machine and the right hand side with fixed 72" riser in a rear entry cab.

Camera output can be seen on the machine display.

#### **ATTACHMENT**





Includes 4 LED lights at cab roof, 1800 lumens each on the side entry cab.

#### **ATTACHMENT**

LIGHTS, 4, SIDE ENTRY CAB FRONT





Only for use with:

general forestry machine or log loader forestry machine and side entry cab.

LIGHTS, 6, SIDE ENTRY CAB FRONT

Includes 6 LED lights at cab roof, 1800 lumens each on the side entry cab



Only for use with:

General forestry machine or log loader forestry machine and side entry cab

Only for use with: log loader forestry machine and rear entry cab.



Includes 4 LED lights at cab roof, 1800 lumens each on the rear entry cab.

# **ATTACHMENT**

LIGHTS, 4, REAR ENTRY CAB, FRONT



LIGHTS, 6, REAR ENTRY CAB FRONT

Includes 6 LED lights at cab roof, 1800 lumens each on the side entry cab.

LIGHTS, 1, SIDE ENTRY CAB, REAR, ADDITION Includes 1 additional LED light on rear left side of cab roof, for a total of 2 LED lights on rear of cab. 1800 lumens each. Lights can be positioned and angled.



Includes 1 additional LED light on rear left side of cab roof, for a total of 2 LED lights on rear of cab 1800 lumens each. Only for use with rear entry cab

# **ATTACHMENT**

LIGHTS, 1, REAR ENTRY CAB, REAR,





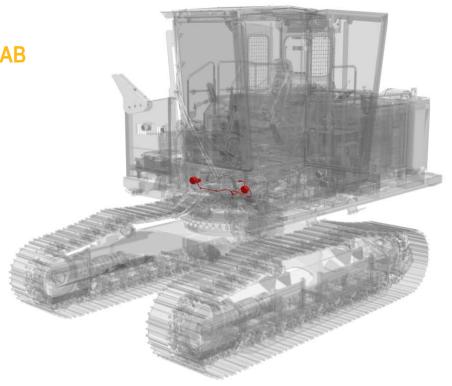
## LIGHTS WORKING, TILT RISER, LEFT SIDE

Includes 1 additional outside facing
LED light on 48" cab riser, 1800 lumens.
Only for use with
tilt riser, side entry cab,
1.2m (48") bolted, tilt riser,
rear entry cab, 1.2m (48"), easy lock Only
for use with
side entry cab



LIGHTS, 2 22" RISER, SIDE ENTRY CAB

Includes 2 additional forward facing LED light on the 22" cab riser. These lights are 1800 lumens each.
Only for use with side entry cab.

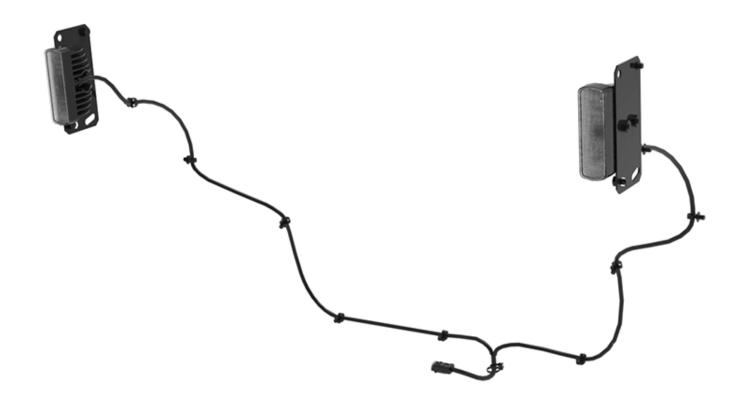


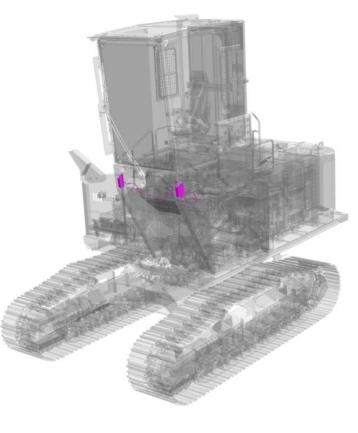


# LIGHTS, 2, 48"RISER, REAR ENTRY CAB

Includes 2 additional forward facing LED lights on 48" cab riser, 1800 lumens each.
Only for use with: Rear entry cab.







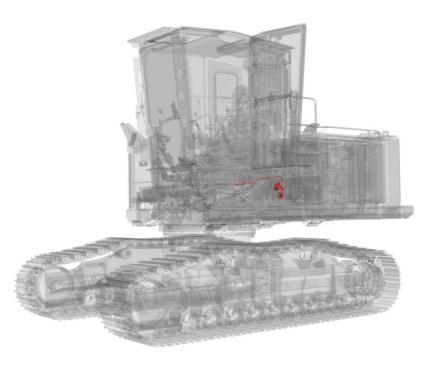
LIGHTS, 2, 72" RISER, REAR ENTRY CAB,

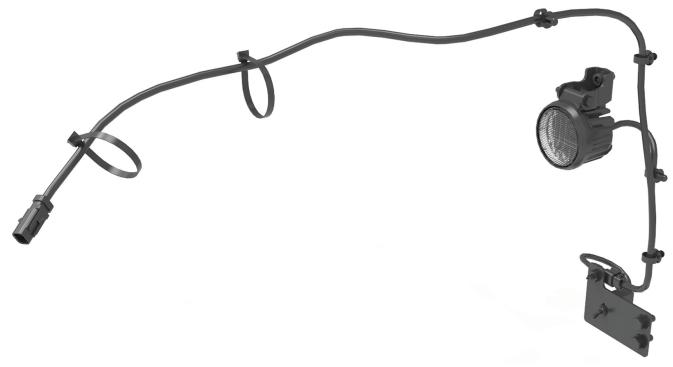
Includes 2 additional forward facing LED lights on 72" cab riser, 1800 lumens each. Only for use with: Rear entry cab



LIGHT, 1 ADDITIONAL 22" BOLTED RISER, SIDE ENTRY CAB

Includes 1 additional LED service light located inside the 22" cab riser, 1800 lumens, and activation switch.
Only for use with tilt riser, side entry cab,

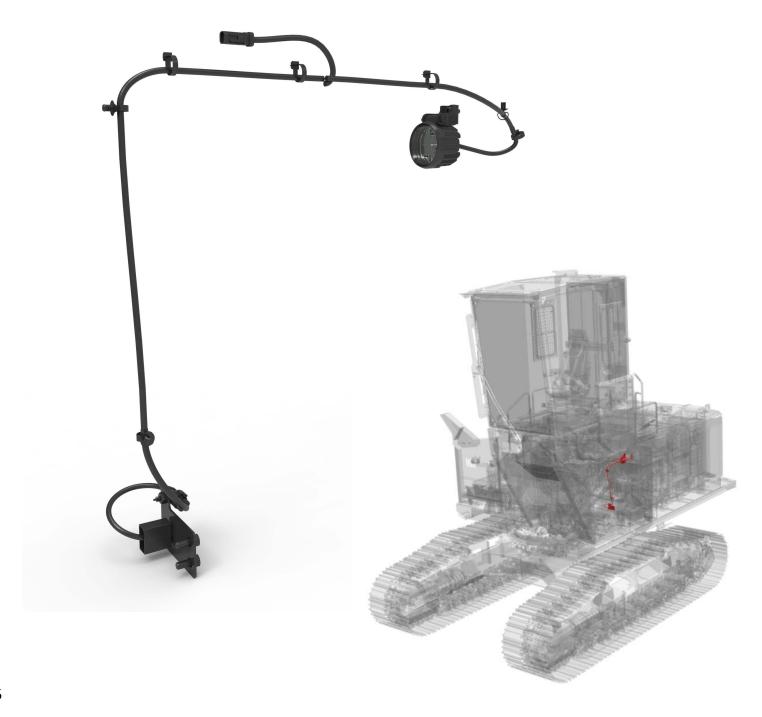




This is an additional service light located inside the 48"/72" cab riser with easy lock. It includes activation switch and is 1800 lumens.

# **ATTACHMENT**

LIGHTS, 1 ADDITIONAL 48" / 72" EASY LOCK RISER, REAR ENTRY CAB

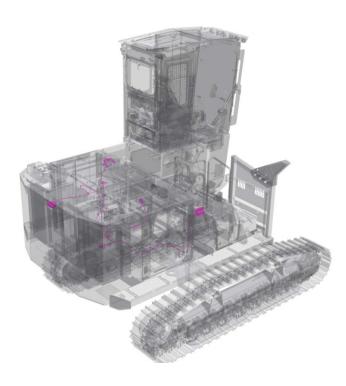


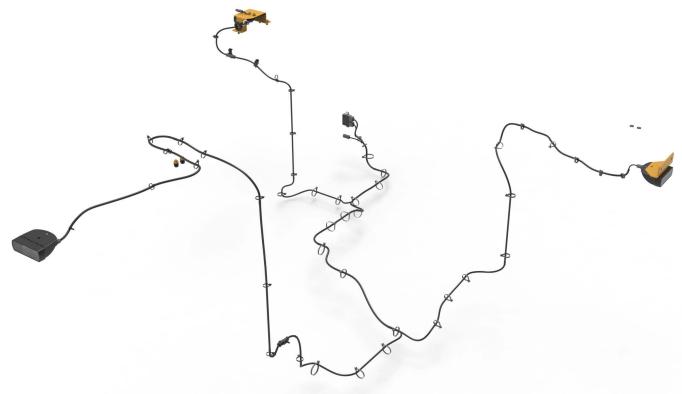
LIGHTS, SURROUND, ADDITIONAL

Includes 3 additional LED working lights on the machine, 1800 lumens each.

One light on left side of machine, one on right side, and one on counterweight.

These three light help illuminate working areas all around the machine for better visibility and safety.



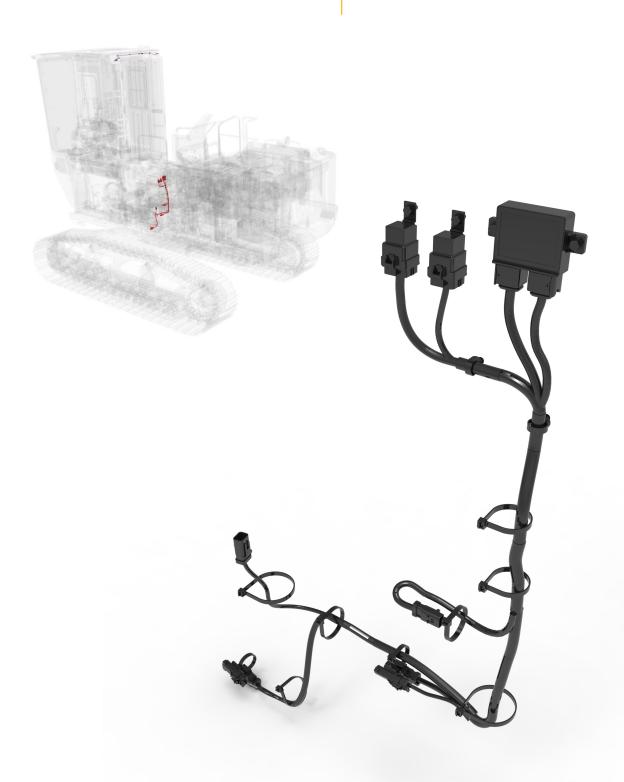


This is the wiring for the relays helps program through the cab monitor. The functionalities like, 4 joystick buttons to turn ON / OFF, Control 3rd party devices (CB radio, VHF radio, auxiliary or beacon lights).

The relays can manage current up to 5A (2 relays) and 13A (2 relays).

# **ATTACHMENT**

WIRING, AUXILLARY RELAY



## PRODUCT LINK™

Product Link enables the remote transmission of information about the location, operation, and condition of your equipment. Efficiently and effectively monitor the performance of your assets to help keep your jobs on schedule, maintain equipment condition, and reduce the costs of owning and operating your fleet. Availability varies by country.

please reference https://Dealer.cat.com/PL/Certification for certified countries. Please contact your Caterpillar marketing representative with questions.

Product Link Elite series PL083 uses cellular or satellite network to transmit location, utilization and health information for viewing in Product Link user applications. PLE will communicate over cellular whenever available. For use in areas with poor or no cellular coverage.

## **ATTACHMENT**

PRODUCT LINK ™
CELLULAR /SATELLITE, PL 083, SIDE ENTRY CAB



## **ATTACHMENT**

#### WIRING PRODUCT LINK™ SIDE ENTRY CAB

Side entry cab wiring connection for the product link PL083 with Cellular or Satellite capability.



## **ATTACHMENT**

## WIRING PRODUCT LINK™ REAR ENTRY CAB

Rear entry cab wiring connection for the product link PL083 with Cellular or Satellite capability.

COVER, R CAMERA, W/ CTWT LIGHT

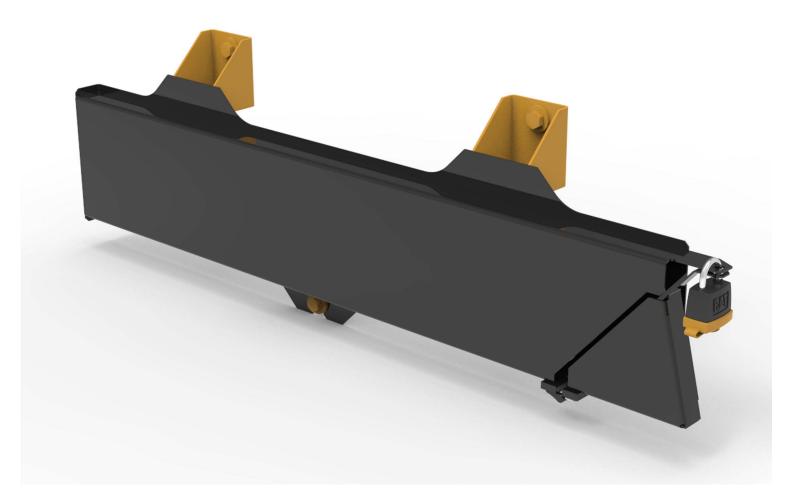
Protective cover for rear view camera on counterweight with light

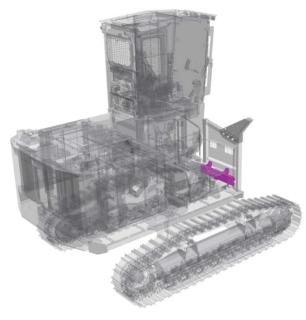




**SAW BOX STORAGE, 35"** 

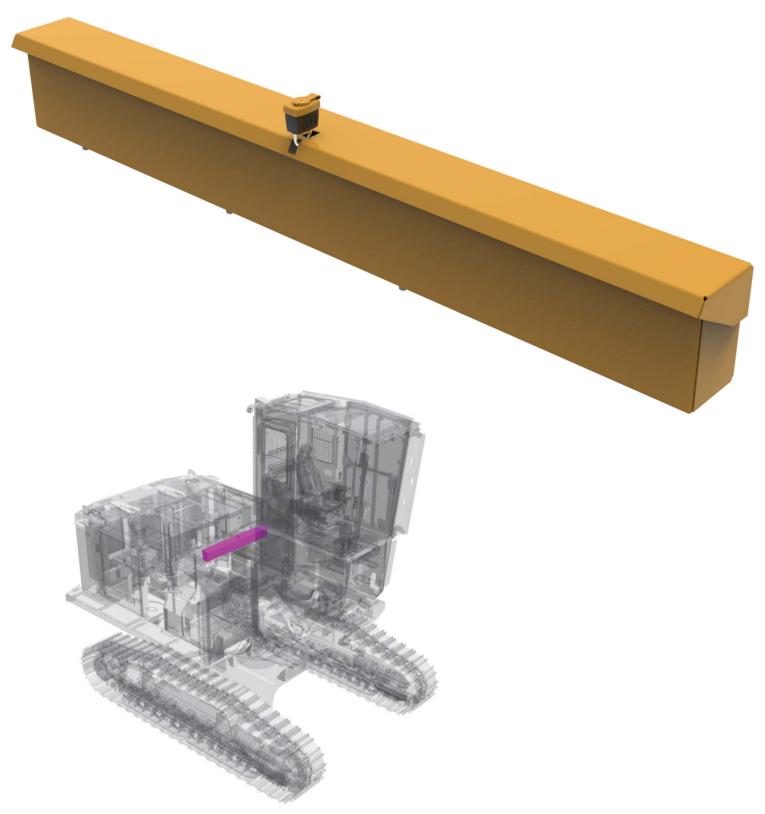
A dedicated storage box for 35" saw bars. This storage box is located on the central platform.





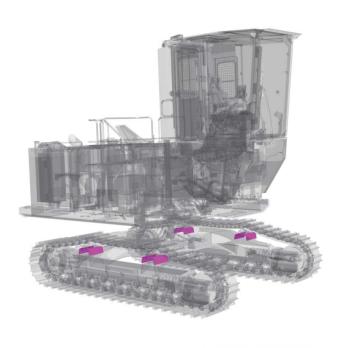
**SAW BOX STORAGE**, 50"

A dedicated storage box for 50" saw bars. This storage box is located on the central platform.



## **SCRAPER, CARRIER ROLLER**

Scrapers mounted on either side of the track carrier rollers for shedding of mud and debris. The scrapers help self cleaning of the rollers that are otherwise difficult to clean.



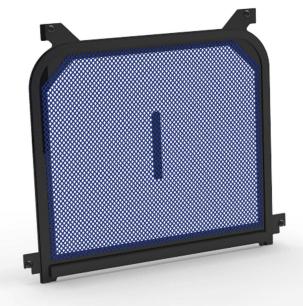


The bug screen prevents bugs from entering the cab when the rear windows are opened for ventilation.

# **ATTACHMENT**

## **BUG SCREEN**

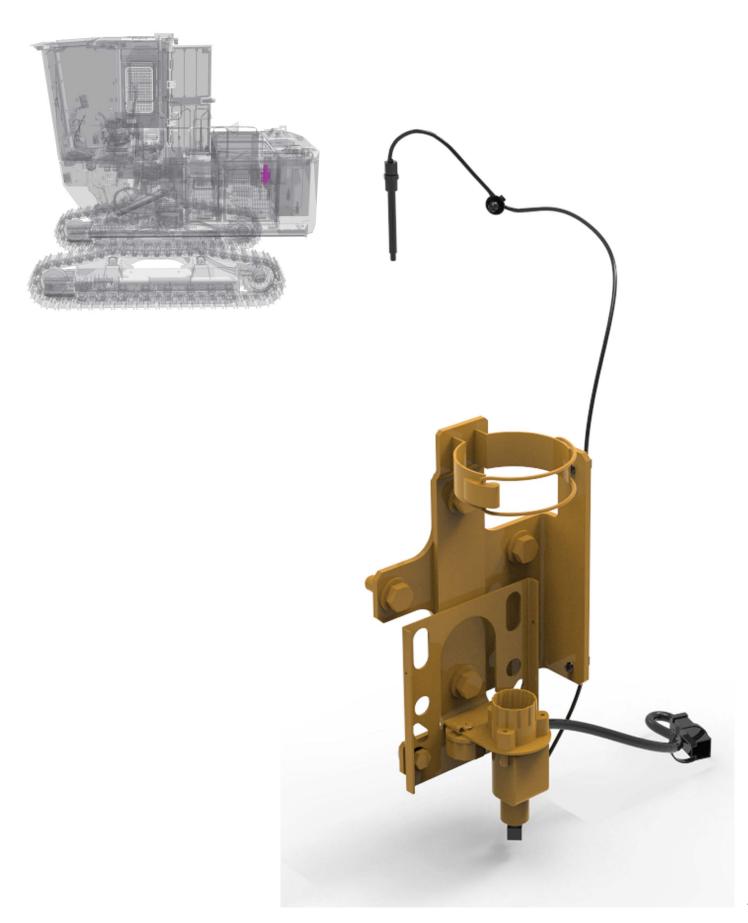






**STARTING AID, ETHER** 

Optional ether assist package for cold temperature starting.



**BLOCK HEATER, 120V** 

Starting kit, block heater, 120V for engine



This coupler is for use when not ordering an installed bucket. This includes pin grabber coupler. No pins.

# **ATTACHMENT**

**COUPLER, PIN GRABBER W/O PINS** 



The 558 has two choices of counterweights.

The 5.1 tonne counterweight is mainly for general forestry application.

## **ATTACHMENT**

COUNTERWEIGHT.
11023 Lb / 5.1 metric Tonne



# **ATTACHMENT**

COUNTERWEIGHT 13448 Lb / 6.1 metric Tonne

The second choice for counterweight is 6.1 tonne and is suitable for log loading application.

## **STORAGE PROTECTION (EXPORT)**

Machines from the factory have been sprayed with corrosion protection coating. This product is added while shipping and for extended storage periods. This product is power washed with soap prior to shipment to the customer.

## **ATTACHMENT**

## STORAGE PROTECTION FROM COGON GRASS (EXPORT)

ADSD-N machine is sprayed with a coating to avoid the adhesion of Cogon-grass which is listed on invasive alien grasses in US. This is additional cost to spray.



## **WORK TOOLS**

## **GRAPPLE, GLL 55, LOG LOADING**

This has a maximum opening of 55 inches (1397mm) and a minimum of 5 inches (127mm). The weight is 2860 Lb (1297Kg). This grapple can be used with 538, 548, 558, 568

## **WORK TOOLS**

## **GRAPPLE, GLL 60, LOG LOADING**

This has a maximum opening of 60 inches (1254mm) and a minimum of 5 inches (127mm). The weight is 3060 Lb (1388Kg). This grapple can be used with 548, 558, 568



Caterpillar currently offers two different heel variations for Log Loaders, one heel that is for use on under/under Log Loader configurations and one heel that is used on over/under Log Loader configurations. In the Under / Under configuration the tool or heel cylinder is located on the bottom of the stick and the tool or heel cylinder is located on the stick in an over/under configuration.

Cylinder and Connecting Lines available from Antares

## **WORK TOOLS**

**HEEL UNDER / UNDER, FABRICATION** 



The under / under configuration is primarily used for truck loading and shovel loading applications, as well as with log loader configurations that utilize heel and processor installations. The over / under heel configuration is primarily used in millyard application to achieve higher stacking height for inventory log decks or infeed areas. Gaining decking height in log yard applications can be a strong advantage in use of yard space, reducing the distance and time required for reclaiming logs from inventory and maximizing log inventory capability.

## **WORK TOOLS**

**HEEL UNDER / UNDER** 



# **WORK TOOLS**

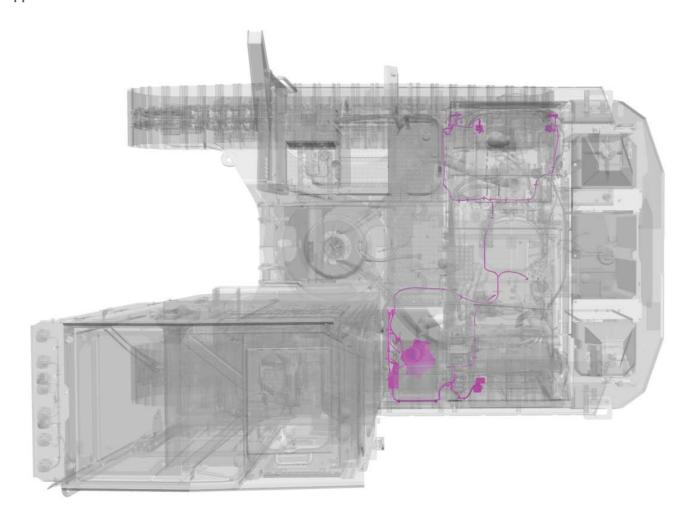


The over / under heel configuration is

### **INSPECTION LIGHT KIT**

Inspection lighting kit provides additional lights in the cooling package, hydraulic pump, and electrical compartment for improved safety and visibility in low light conditions.

Approximate installation time: 4-5 hours









### SIGNAL CONVERTOR, SIDE ENTRY CAB

This bracket holds the signal convertor which enables the processor head to communicate with machine. This bracket is located behind the seat under the lunch box cover.

INCLUDES: List of part numbers including hoses, tubes, brackets, straps, cables, clips, hardware needed for proper installation.

REQUIRES: Factory-shipped machine, Side Entry Cab, installed with harvester arrangement.

Approximate installation time: 2-3 hours. Only for use with: 538, 548, 558, 568



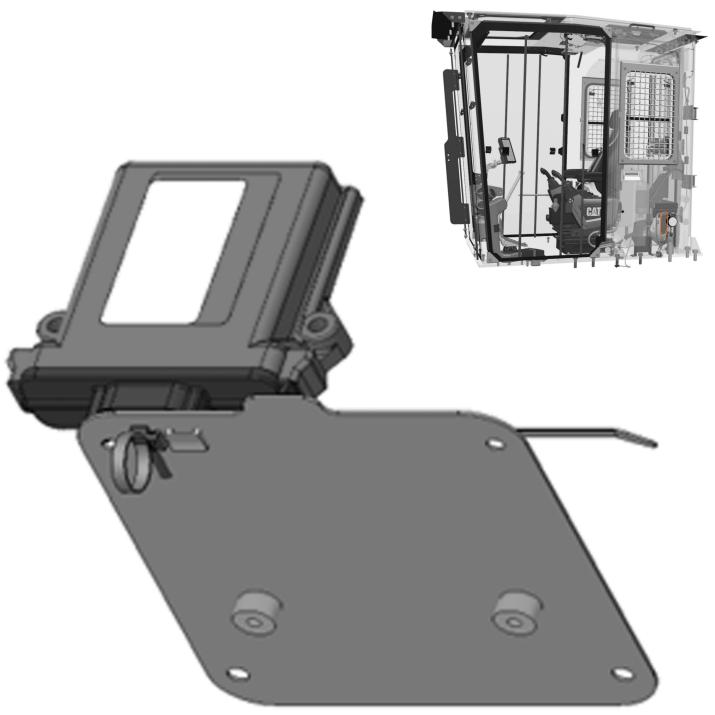
## SIGNAL CONVERTOR, REAR ENTRY CAB

This bracket holds the signal concertor which enables the processor head to communicate with machine. This bracket is located behind the seat under the lunch box cover.

INCLUDES: List of part numbers including hoses, tubes, brackets, straps, cables, clips, hardware needed for proper installation.

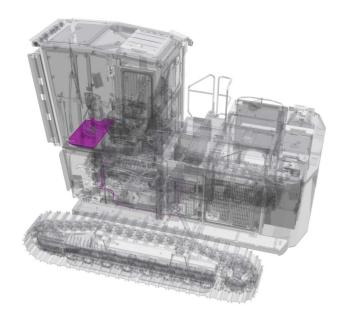
REQUIRES: Factory-shipped machine, Rear Entry Cab (REC), installed with harvester arrangement.

Approximate installation time: 2-3 hours. Only for use with: 538, 548, 558, 568



#### **FOOT PEDAL SWING**

This kit is utilized together with the optional software enabled attachment for customizable joystick controls. The foot pedal swing kit includes 2 auxillary pedals to be mounted onthe cab floor to allow the machines swing to be controlled by foot pedals. The travel pedals are still available to use for machine travel. This kit utilized together with the option for the customizable joystick controls feature to allow assignment of various implement functions to the x-y axis of joysticks, as well as auxillary pedals. Customized joystick patterns, including forestry or knuckle boom style controls can be setup for selection along with standard ISO or excavator style controls for easily moving back and forth in the monitor depending on operator preference. Approximate installation time: 4-5 hours. Only for use with side entry 22" and 48" riser



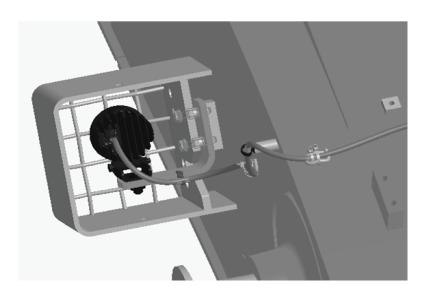


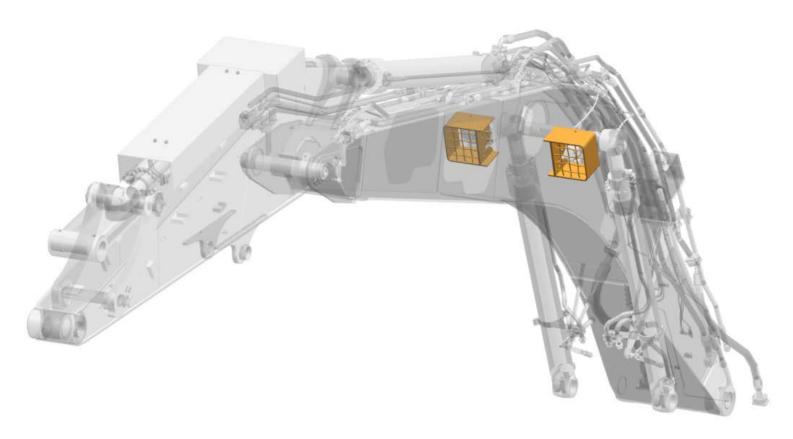
The boom light guards protects the boom lights from damage on roadbuilder configuration machines, this is beneficial for protecting the lights from impacts from tree limbs materials, as well as during machine transport.

Approximate installation time: 1-2 hours only for use with: 538, 548, 558, 568

# **AFTERMARKET KITS**

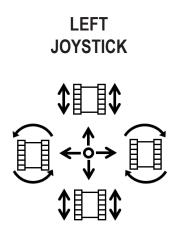
**LIGHT GUARD** 



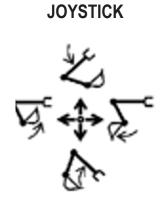


#### **JOYSTICK STEER**

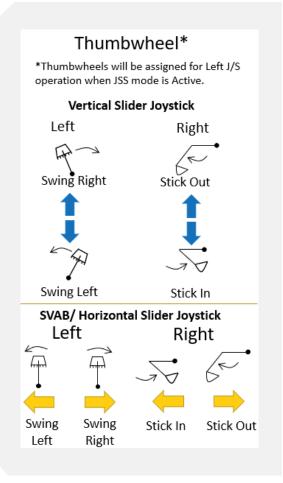
The joystick Steer mode (JSS) is an optional feature which allows travel to be controlled by left hand joystick to increase operator comfort. Operator can select joystick steering when desired or use the standard travel pedals.



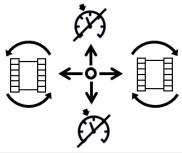




**RIGHT** 







The cruise control mode helps to keep the machine in motion forward or backward without constantly pressing on the joystick over longer distance of travel.

#### **SWING ALARM**

This safety feature turns on travel alarm during swing operation. This is an addition to the travel alarm which already exists on all machines.

The Swing alarm can be switched off using the cancel switch. The alarm can be re-activated after the operation is stopped. The machine detects the alarm for the travel and swing seperately.



#### ADVANCED IMPLEMENT AND TOOL PRIORITY

This optional feature allows the ablity to set advanced level priorities for implement control movements, as well as turning on and off straight travel configuration, through CAT electronic technician (ET), when installed.

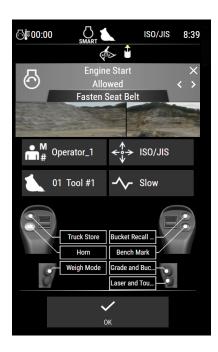


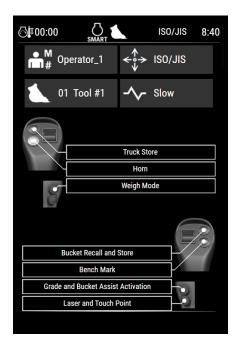
Setting Stratght Travel.
The travel ON / OFF can be set up from the display.
Shortcut / Joystick button can also be assigned for this function.



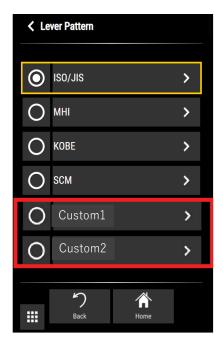
#### **CUSTOM JOYSTICK**

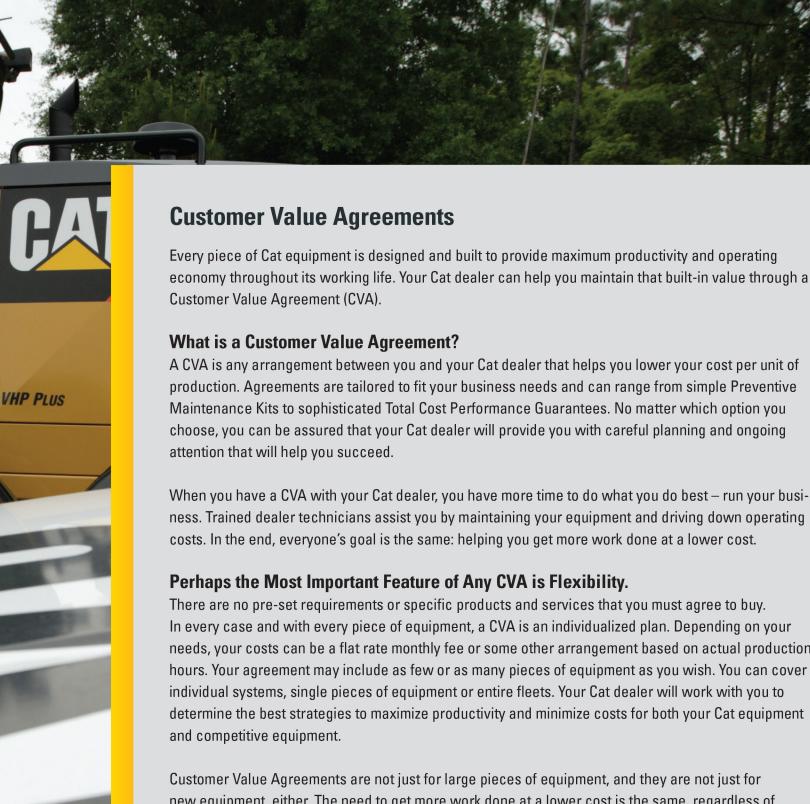
This optional feature allows the capability to setup customizable joystick patterns using CAT Electronic Technician (ET). Customized patterns can then be selected by the operator in the cab monitor, in addition to standard factory joystick patterns. When using customized control patterns, as special decal is to be placed in the cab locally to show what the new controls are assigned for.





Joysticks can be customized with advanced implements with programmable joystick lever patterns other than standard patterns like ISO/ JIIS, SCM etc.





There are no pre-set requirements or specific products and services that you must agree to buy. In every case and with every piece of equipment, a CVA is an individualized plan. Depending on your

needs, your costs can be a flat rate monthly fee or some other arrangement based on actual production hours. Your agreement may include as few or as many pieces of equipment as you wish. You can cover individual systems, single pieces of equipment or entire fleets. Your Cat dealer will work with you to determine the best strategies to maximize productivity and minimize costs for both your Cat equipment

Customer Value Agreements are not just for large pieces of equipment, and they are not just for new equipment, either. The need to get more work done at a lower cost is the same, regardless of age or application.

#### A Partnership That Gets More Done.

In the end, a CVA is a partnership between you and your Cat dealer that will help you succeed by leveraging the equipment management expertise of Caterpillar. When you and your Cat dealer team up with a CVA, you get more than just a piece of Cat iron, you get the company.

## MAINTAINENCE INTERVALS

#### PLEASE REGISTER WITH CAT INSPECT APP

#### When Required

Air Conditioner/Cab Heater Filter (Recirculation) - Inspect/Replace

**Battery Electrolyte Level - Check** 

Battery or Battery Cable - Inspect/Replace

**Bucket Linkage - Inspect/Adjust** 

**Bucket Tips - Inspect/Replace** 

Cab Air Filter (Fresh Air) - Clean/Replace

Camera - Clean

Condenser (Refrigerant) - Clean

**DEF Filler Screen - Clean** 

Diesel Exhaust Fluid - Drain

Diesel Exhaust Fluid - Fill

Engine Air Filter Primary and/or Secondary Element - Replace

**Ether Starting Aid Cylinder - Replace** 

Film (Product Identification) - Clean

Fuel System - Prime

Fuel Tank Strainer - Clean

Fuses - Replace

Oil Filter - Inspect

Radiator, Aftercooler and Oil Cooler Cores - Clean

Rollover Protective Structure (ROPS) - Inspect

**Track Adjustment - Adjust** 

Window Washer Reservoir - Fill

Window Wiper - Inspect/Replace

Windows - Clean

#### **Every 10 Service Hours or Daily for First 50 Hours**

**Boom and Stick Linkage - Lubricate** 

**Boom and Stick Linkage - Lubricate** 

**Bucket Linkage - Lubricate** 

#### **Every 10 Service Hours or Daily**

**Cooling System Coolant Level - Check** 

**Engine Oil Level - Check** 

**Fuel System Water Separator - Drain** 

**Fuel Tank Water and Sediment - Drain** 

Hydraulic System Oil Level - Check

**Indicators and Gauges - Test** 

Seat Belt - Inspect

**Track Adjustment - Inspect** 

**Travel Alarm - Test** 

**Undercarriage - Check** 

## MAINTAINENCE INTERVALS

#### PLEASE REGISTER WITH CAT INSPECT APP

#### **Every 50 Service Hours**

Boom and Stick Linkage - Lubricate Boom and Stick Linkage - Lubricate

#### **Every 100 Service Hours**

Bucket Linkage - Inspect/Adjust Bucket Linkage - Lubricate

#### **Every 250 Service Hours**

**Engine Oil Sample - Obtain** 

#### **Initial 500 Service Hours**

Cooling System Coolant Sample - Obtain Engine Oil and Filter - Change Final Drive Oil - Change Swing Drive Oil - Change

#### **Every 500 Service Hours**

Boom and Stick Linkage - Lubricate
Boom and Stick Linkage - Lubricate
Cooling System Coolant Sample - Obtain
Final Drive Oil Level - Check
Final Drive Oil Sample - Obtain
Hydraulic System Oil Sample - Obtain
Pump Coupling Oil Level - Check
Swing Bearing - Lubricate
Swing Drive Oil Sample - Obtain

#### **Every 1000 Service Hours**

Battery - Clean
Battery Hold-Down - Tighten
Belt - Inspect/Adjust/Replace
Engine Oil and Filter - Change
Fuel System Primary Filter (Water Separator) Element - Replace
Fuel System Secondary Filter - Replace
Swing Drive Oil - Change

#### **Every 1500 Service Hours**

Fumes Disposal Filter Element - Replace

#### **Every 2000 Service Hours**

Cooling System Coolant Sample - Obtain Final Drive Oil - Change Fuel Tank Cap Filter - Replace Swing Gear - Lubricate

#### **Every 3000 Service Hours**

Hydraulic System Oil Filter (Return) - Replace

#### **Every 3 Years**

Seat Belt - Replace

#### **Every 5000 Service Hours**

Diesel Exhaust Fluid Filter - Replace Diesel Exhaust Fluid Injector - Replace Pump Coupling Oil - Change Receiver Dryer (Refrigerant) - Replace

#### **Every 6000 Service Hours**

Cooling System Coolant Extender (ELC) - Add Hydraulic System Oil - Change

#### **Every 10 000 Service Hours**

**DEF Manifold Filters - Replace** 

#### **Every 12 000 Service Hours**

Cooling System Coolant (ELC) - Change

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# Notes

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