

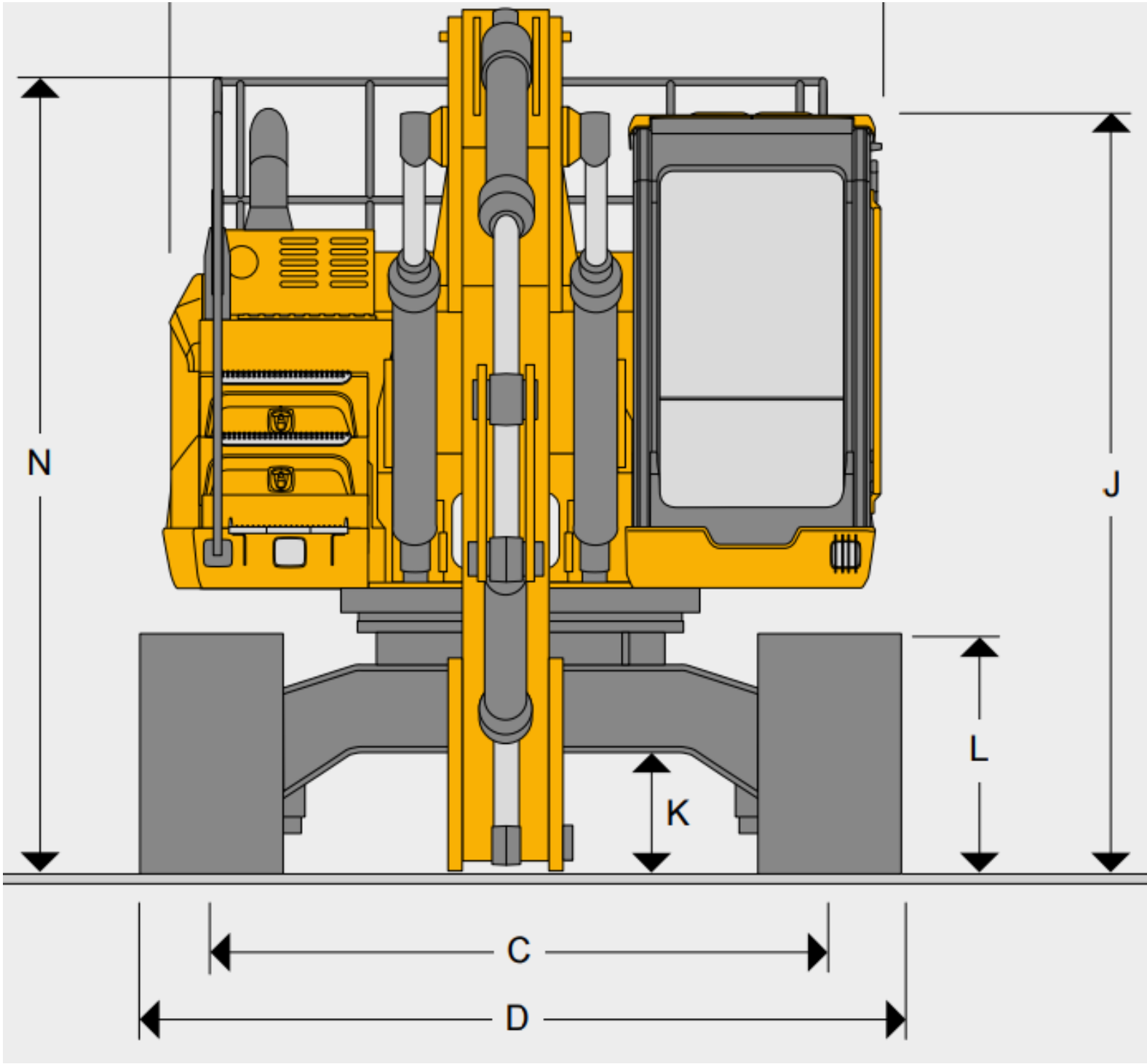
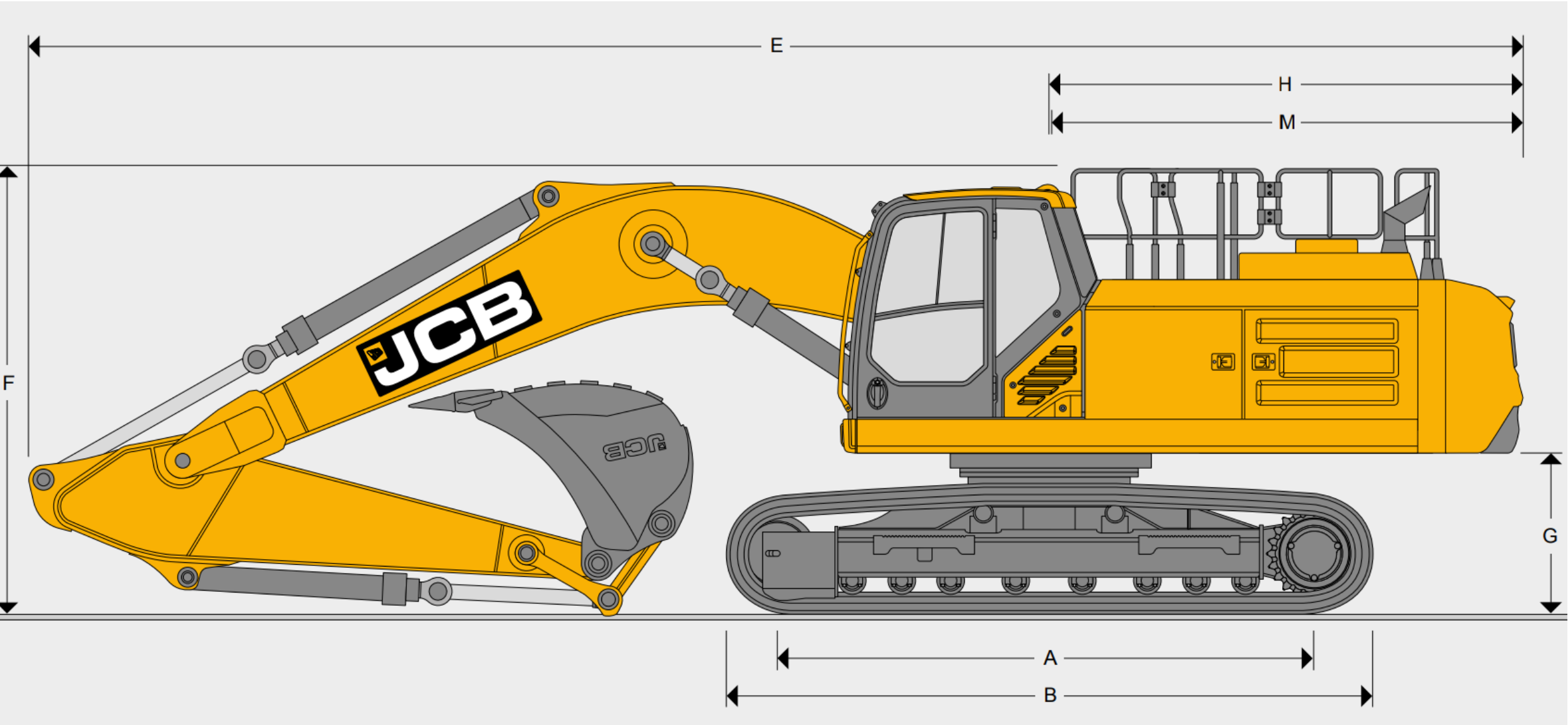
# QUICK REFERENCE GUIDE | 370X



This Quick Reference Guide DOES NOT replace the Operators Manual. You MUST read ALL the disclaimers and safety and other instructions in the Operators Manual before initially operating this product. Accordingly, no legal claims can be entertained based on the data, illustrations or descriptions in this Quick Reference Guide.

# Static Dimensions

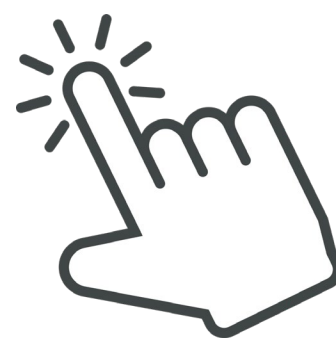
| Machine Model |                                                           |       | 370X   |
|---------------|-----------------------------------------------------------|-------|--------|
|               |                                                           |       | LC     |
| A             | Track Length on ground                                    | ft-in | 13-2   |
| B             | Undercariage Overall Length                               | ft-in | 16-3   |
| C             | Track Gauge                                               | ft-in | 8-5    |
| D             | Width of track (800mm)                                    | ft-in | 11-2   |
| E             | Counterweight Clearance                                   | ft-in | 4      |
| F             | Tail Length                                               | ft-in | 11-7   |
| G             | Overall width of superstructure                           | ft-in | 9-8    |
| H             | Height over cab                                           | ft-in | 10-6   |
| I             | Ground Clearance                                          | ft-in | 1-8    |
| J             | Track Height                                              | ft-in | 3-4    |
| K             | Tail swing radius                                         | ft-in | 11-8   |
| L             | Overall height of upper structure (height over grab rail) | ft-in | 11-1   |
| M             | Rated gross power ( ISO 14396 )                           |       | 310 HP |
| N             | Max gross power ( ISO 14396 )                             |       | 322 HP |



# Start Up Sequence

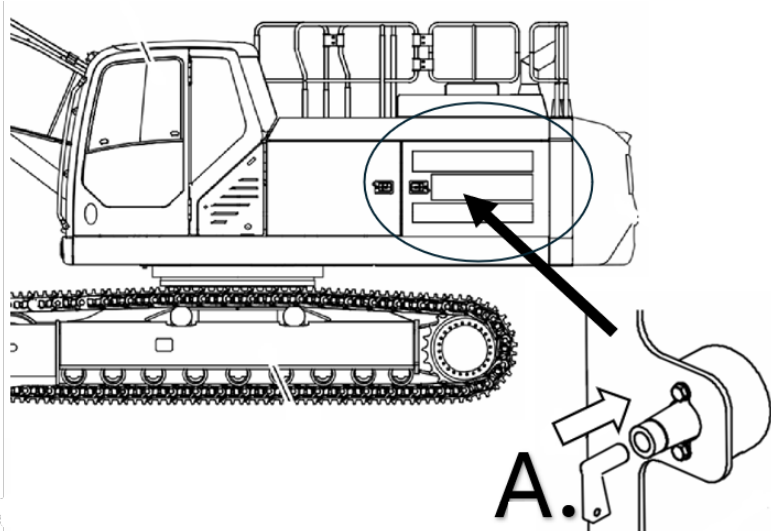


## How To: Start Up



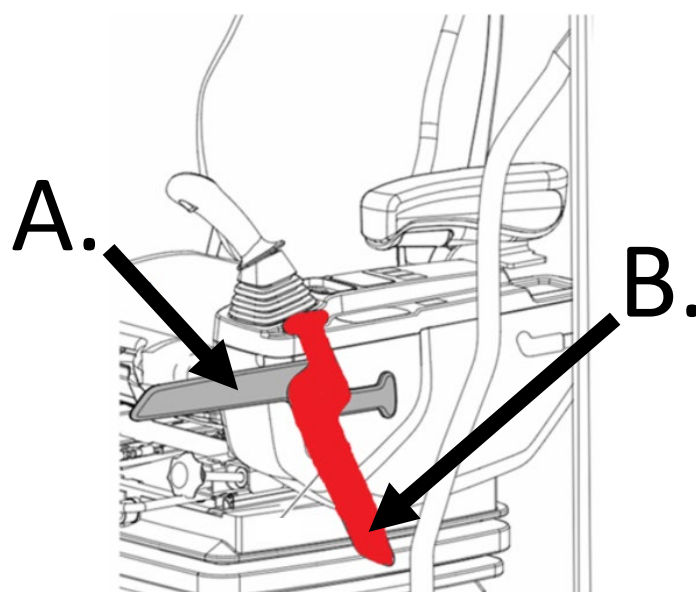
### 1 Insert Isolator Key

Insert isolator key (A) and turn in a clockwise direction.



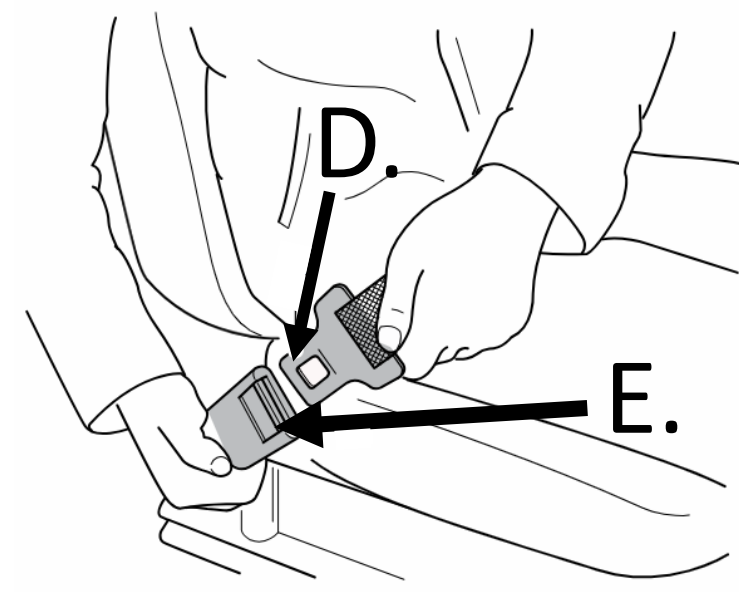
### 2 Check Isolation Lever

Ensure the hydraulic isolation lever is in the lower position (B).



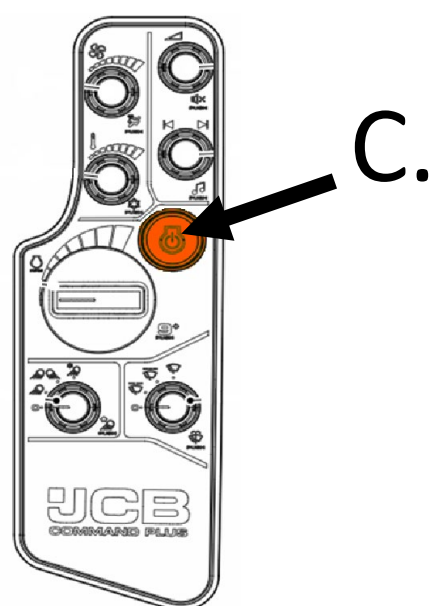
### 3 Engage Seat Belt

Engage seat belt (D) into latch (E) before starting machine.



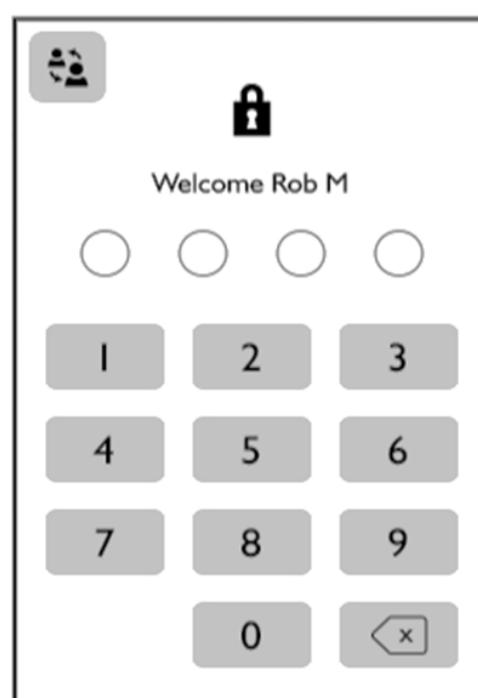
### 4 Turn on Display

Press the Start/Stop button (C) to turn the machine display on.



### 5 Enter Passcode

If required, enter 4-digit passcode for the profile.



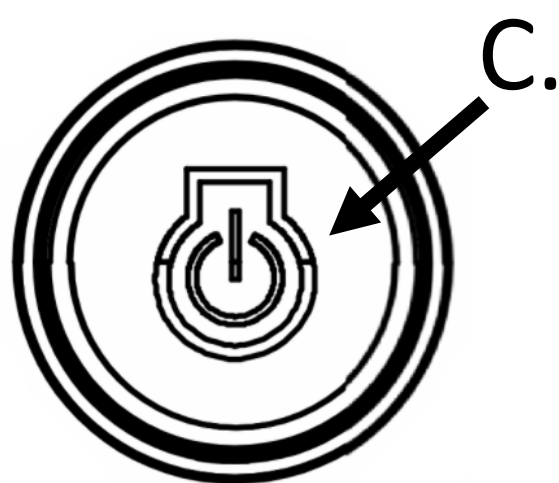
### 6 Confirm Profile

Once familiar with controls, confirm the profile by pressing activate on the display.



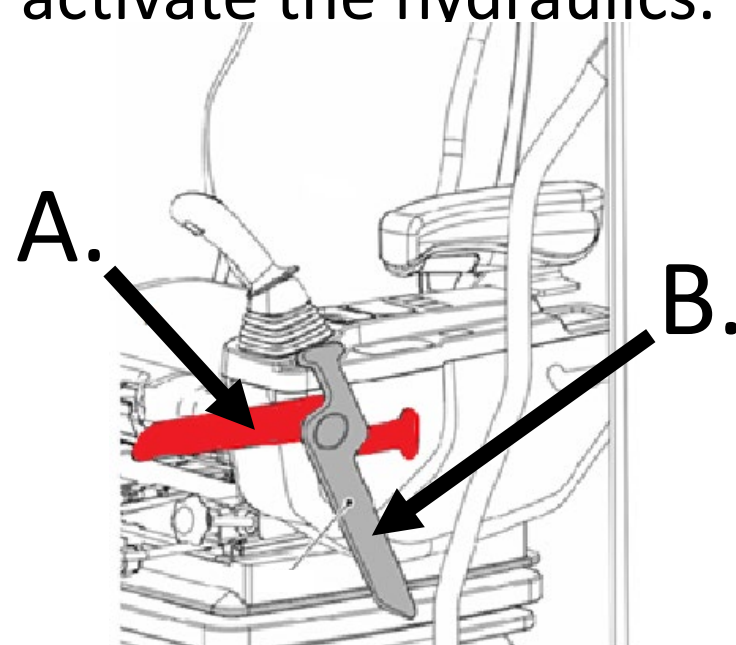
### 7 Start Machine

Hold down the Start/Stop button (c) (over 2secs) until the machine starts.



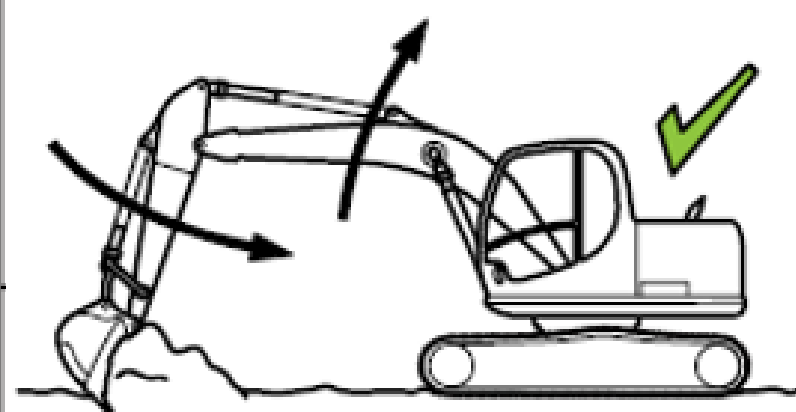
### 8 Raise LH Isolator Lever

Raise the left-hand isolator lever (A) to activate the hydraulics.

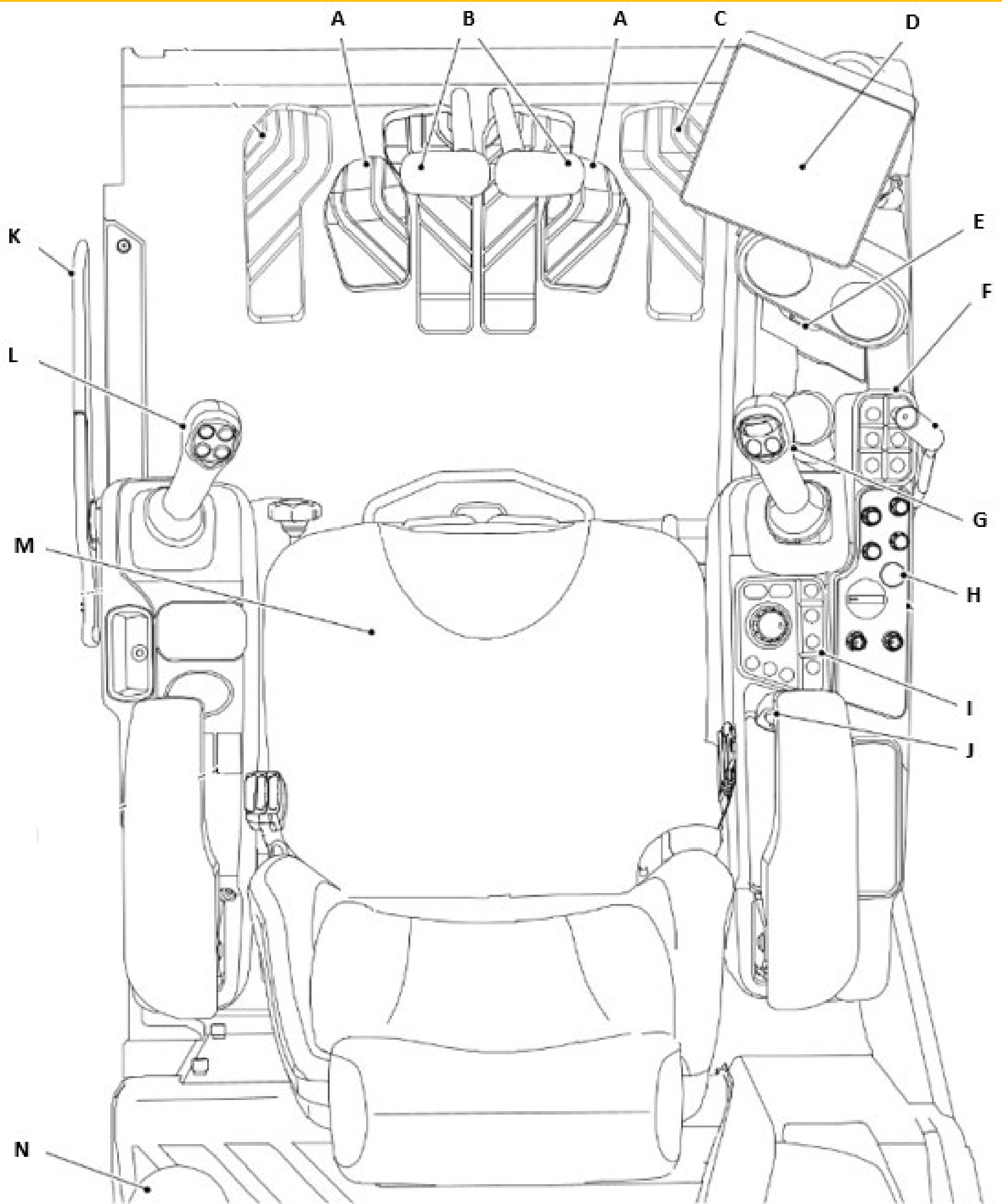


### 9 Operate Machine

All controls are now active, and the machine is now ready to use.



# Cab and Switch Panel

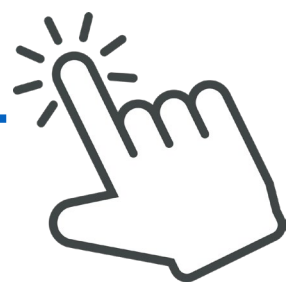


- A. Footrest
- B. Track Controls
- C. Auxiliary Foot Pedal
- D. Display Unit
- E. USB-C Connector
- F. Switch Panel
- G. Right Joystick
- H. Ignition on/off, engine start/stop button
- I. Display control panel
- J. Auxiliary power socket
- K. Control isolation lever
- L. Left Joystick
- M. Operator seat
- N. Fire extinguisher

# How To Change Between ISO & SAE



## How To: Change Control Pattern



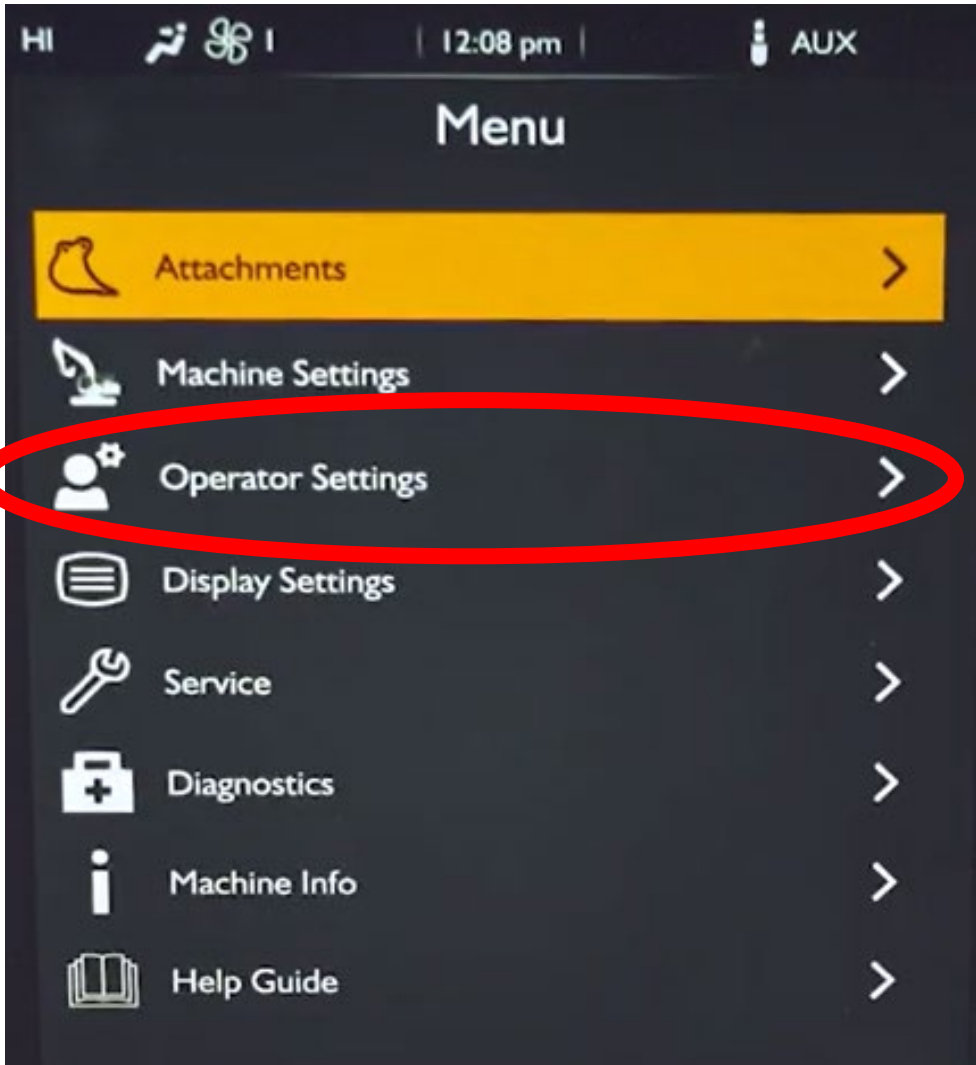
### 1 Starting Changeover

Select menu tab located at the bottom middle of the display screen.



### 2 Navigate Menu

Once in the menu, proceed by selecting the Operator Settings tab.



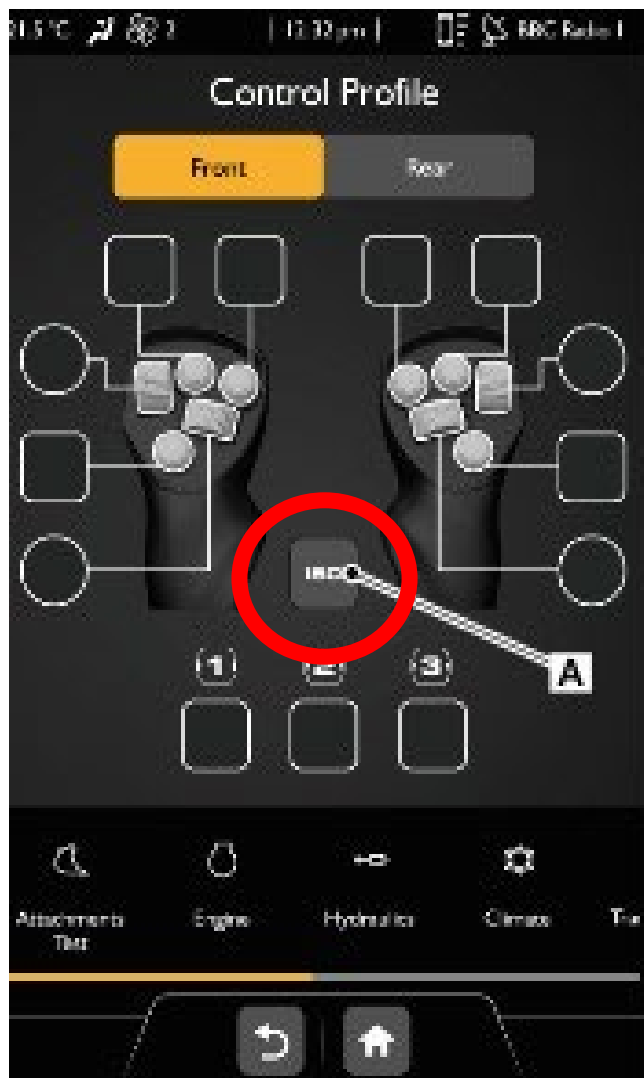
### 3 Select Settings

In operator settings you can continue to profile by selecting the Control Profile tab.

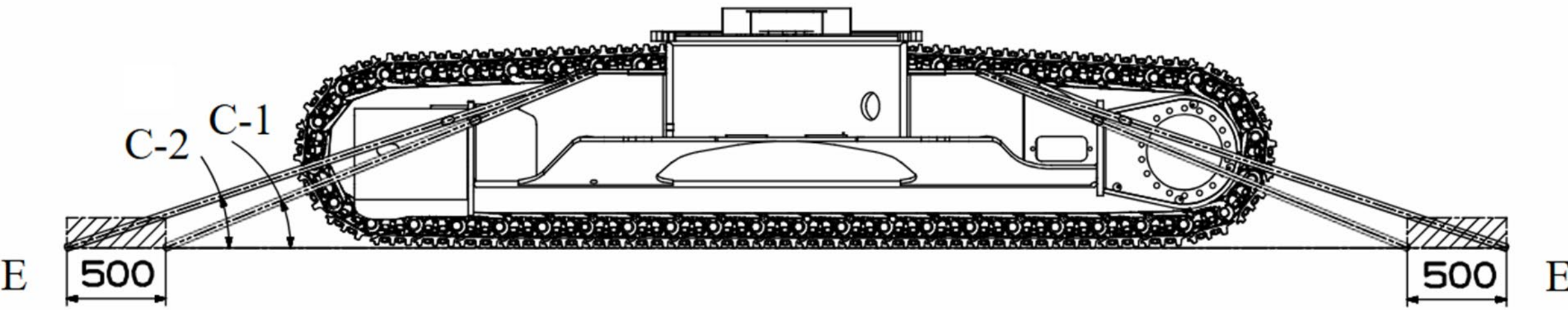
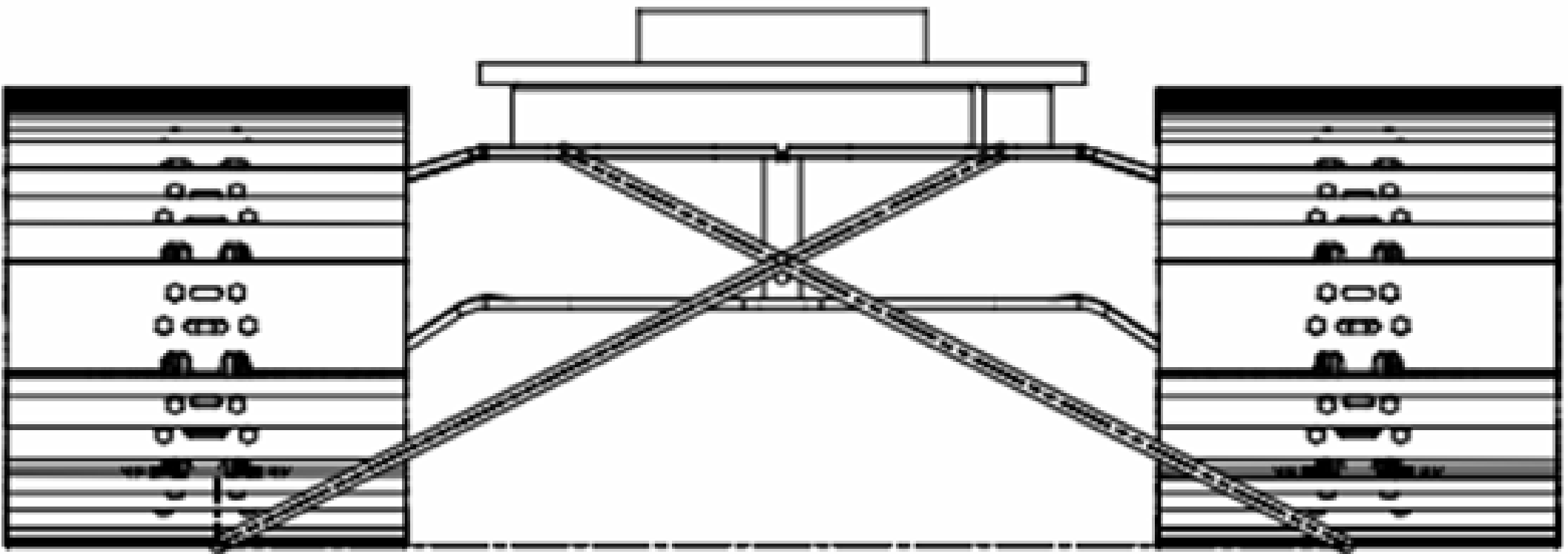
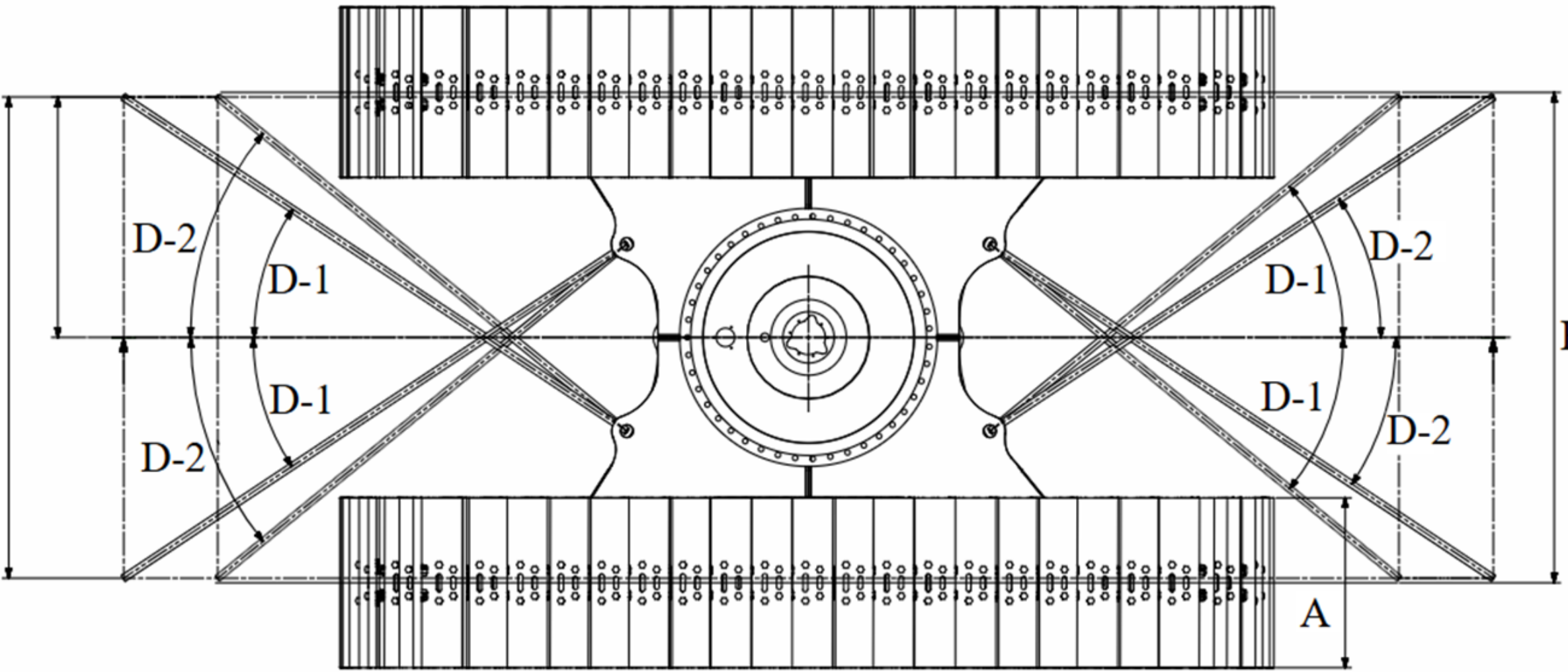


### 4 Change Profile

Once in user profile you can click the ISO/SAE tab located in the middle of the screen. After doing so you can proceed by selecting preferred pattern.



# Tie Down Points

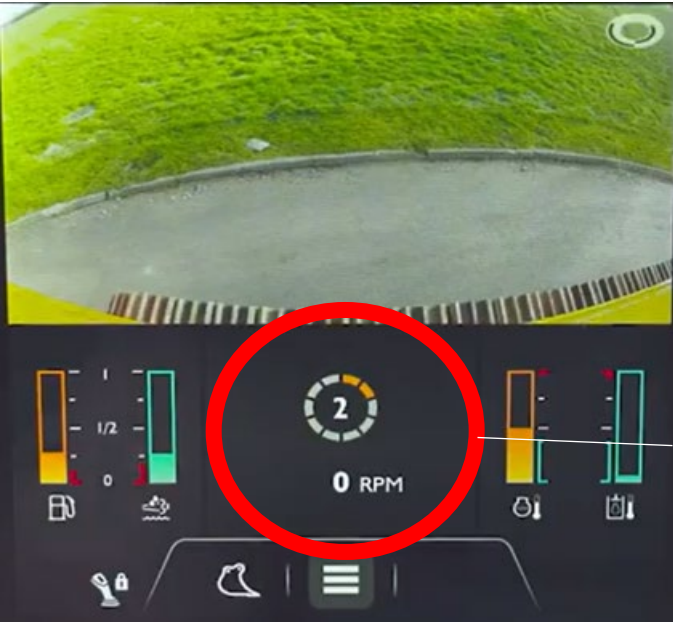


# Changing Working Speed

1

Mode & Speed

Machine working speed and mode is shown on the machine display (A). Both mode number and engine RPM will be displayed.



A

2

Speed Change

To increase the working speed, rotate the engine speed control (B) clockwise.



B

3

Max Performance

To achieve maximum performance, rotate the engine speed control (B) fully clockwise until 9, then push the dial (B) down. The machine display will show 9+, which is the maximum working speed.



# Changing Operating Modes

1

Working Mode

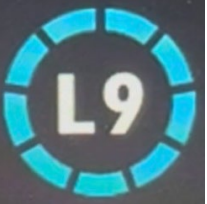
Working mode is displayed on the machine display. There are 3 works modes:



**Power Mode**  
( 1 - 9+ )



**Eco Mode**  
( 1 - 9+ )



**Lift Mode**  
( 1 - 9 )

2

Mode Change

Press the work mode button (C) to change the required working mode

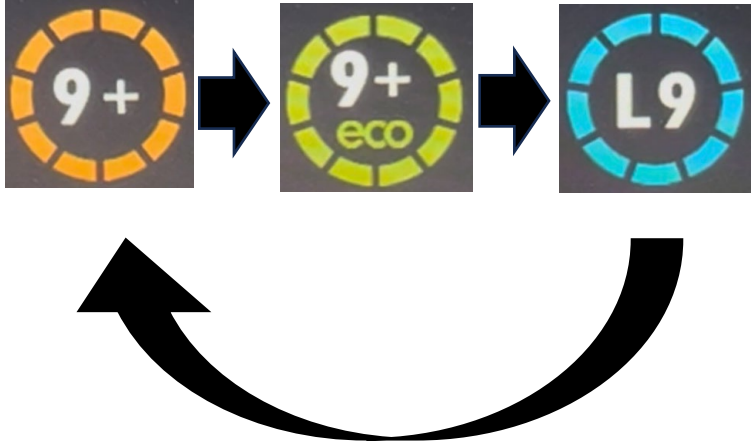


C

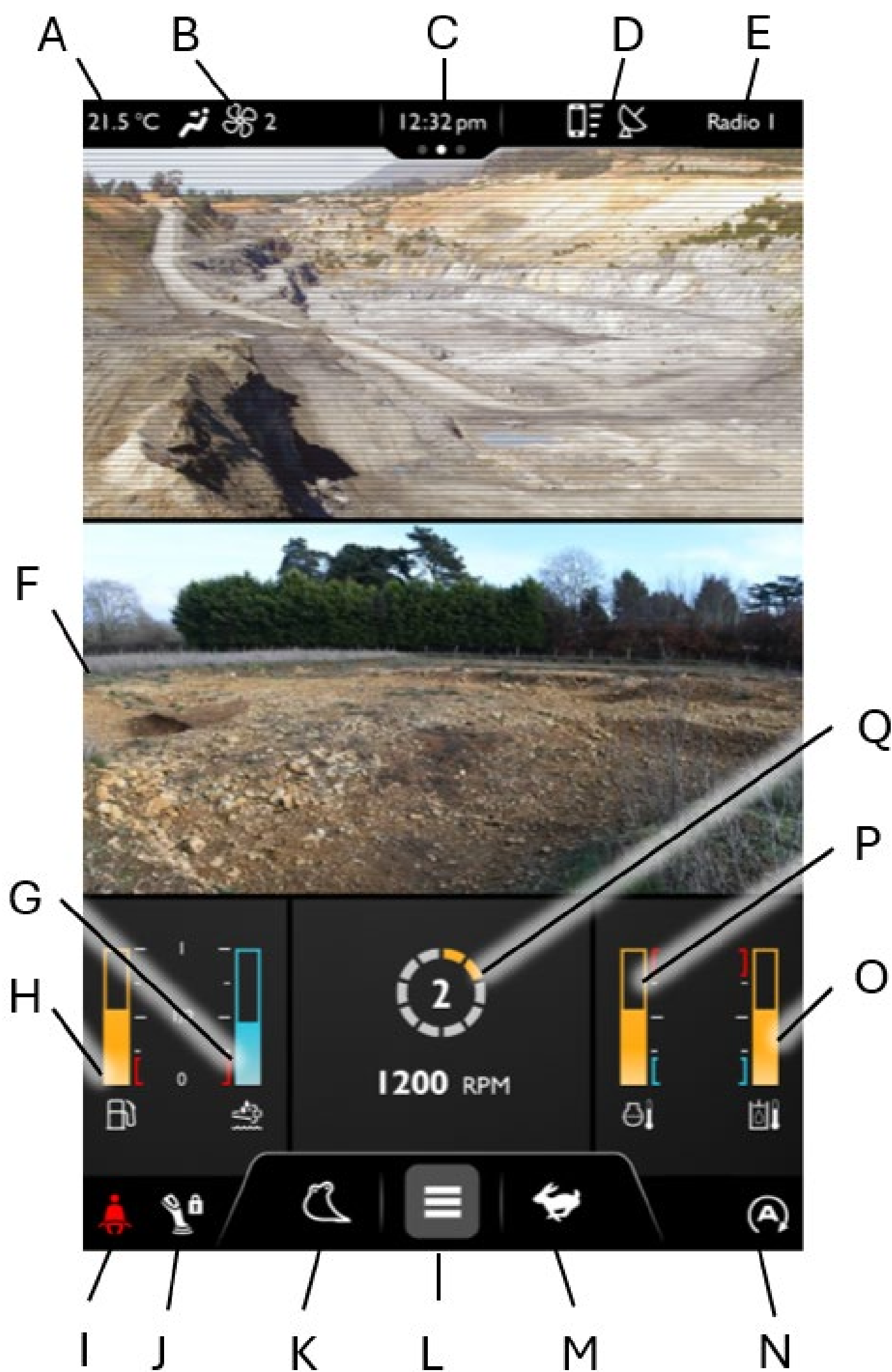
3

Mode Sequence

Working mode will cycle on display from Power to Eco to Lifting and then back to Power on each press of the work mode button.



# Instrument Panel

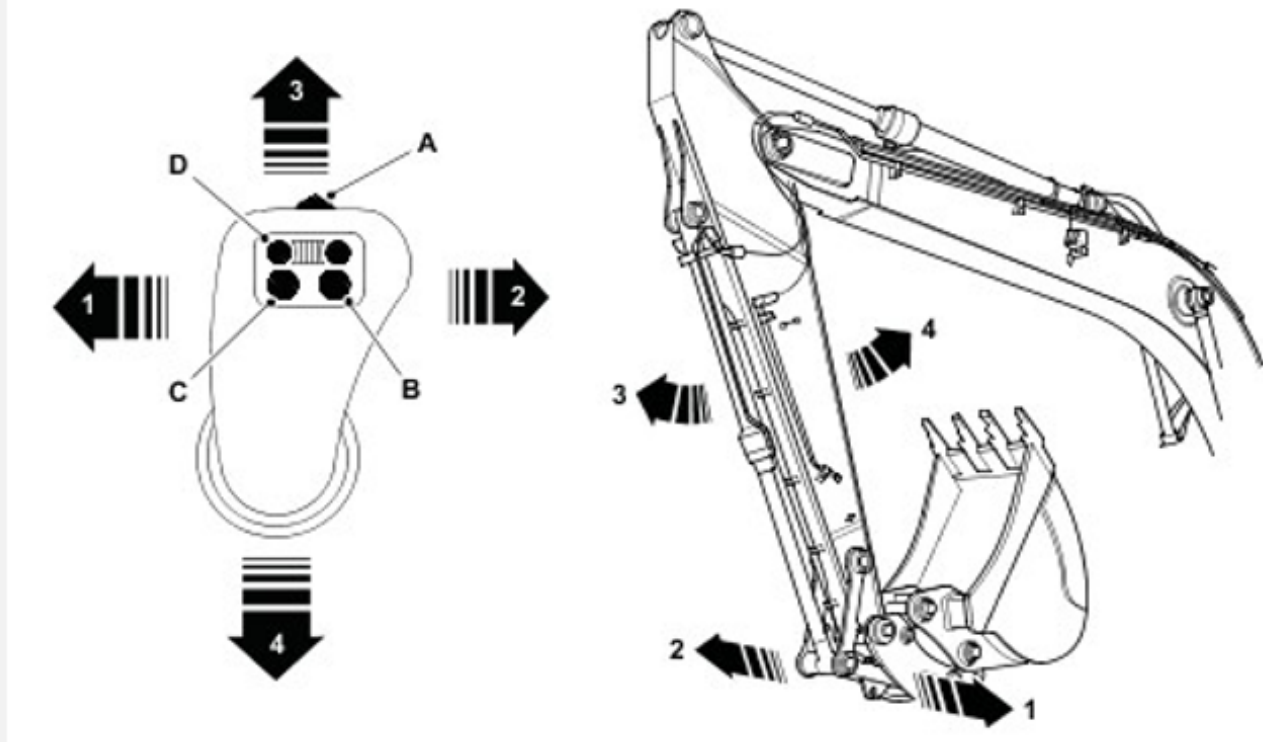


- A. Climate temperature
- B. Fan speed/direction
- C. Clock
- D. Bluetooth phone connection ( only visible if Bluetooth is connected )
- E. Bluetooth / Radio info.
- F. Camera(s) screen (if camera mode selected)
- G. DEF (Diesel Exhaust Fluid) level gauge
- H. Diesel level gauge
- I. Seat belt status
- J. Controls isolation status ( locked / unlocked )
- K. Attachment
- L. Menu
- M. Travel speed ( Low / High )
- N. Auto stop status
- O. Hydraulic oil temperature
- P. Engine coolant temperature
- Q. Engine speed/power band/mode

# Excavator End Controls

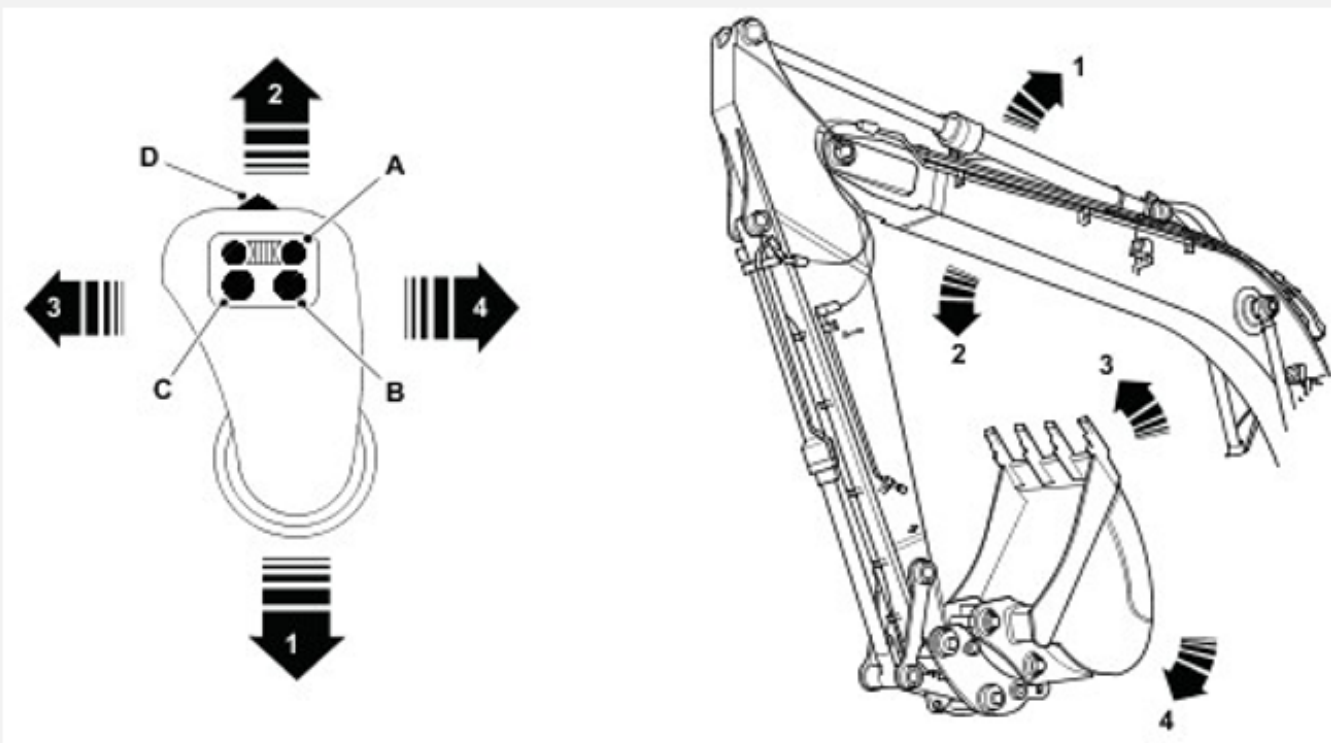
## ISO CONTROLS

### Left Joystick (ISO)



1. Slew to the left
2. Slew to the right
3. Move dipper outwards
4. Move dipper inwards

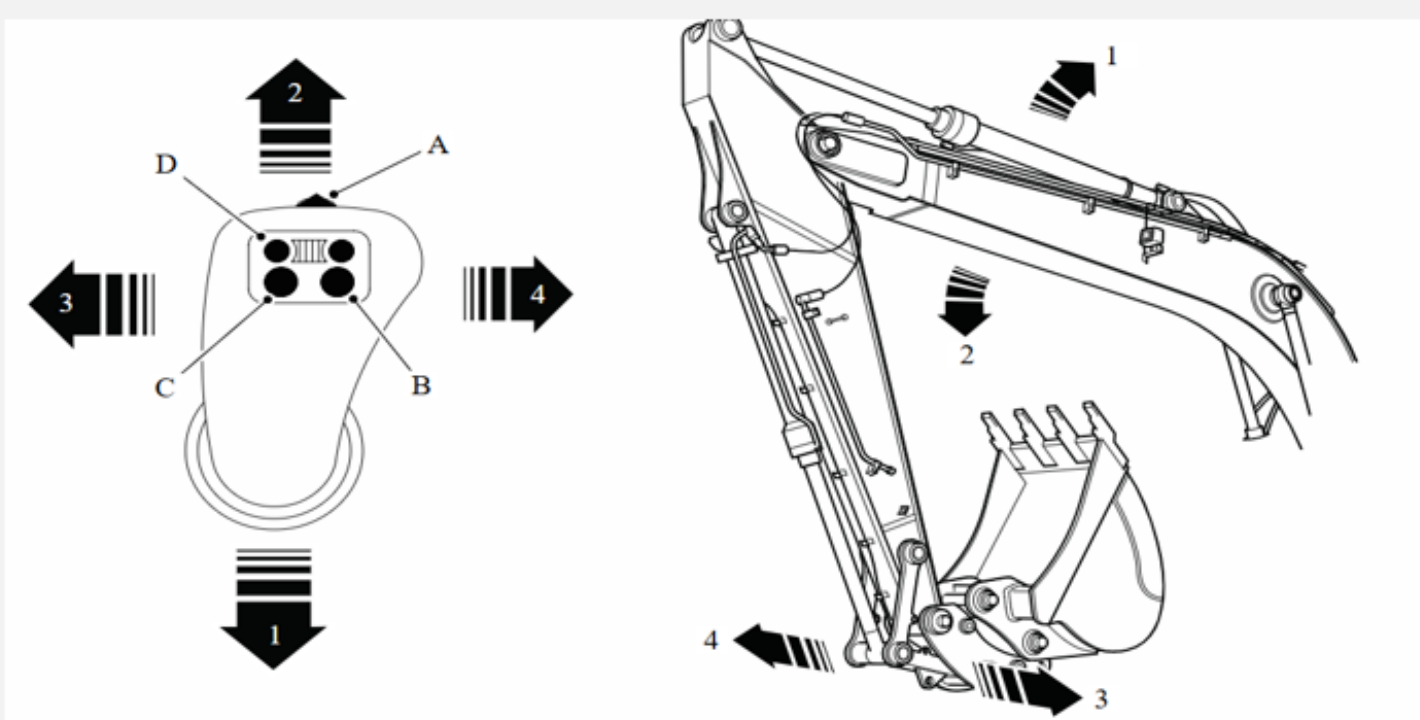
### Right Joystick (ISO)



1. Raise the boom
2. Lower the boom
3. Fill the bucket
4. Empty the bucket

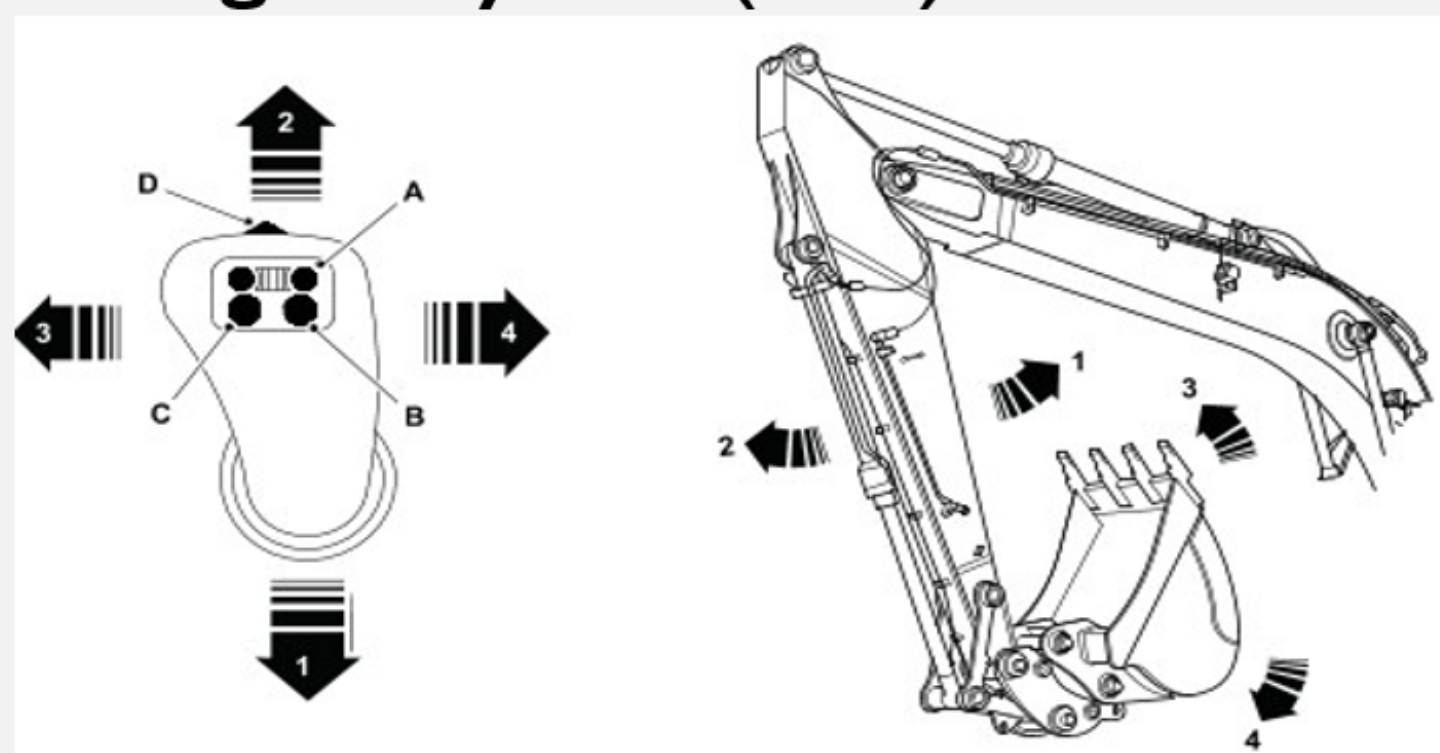
## SAE CONTROLS

### Left Joystick (SAE)



1. Raise Boom
2. Lower Boom
3. Slew Left
4. Slew Right

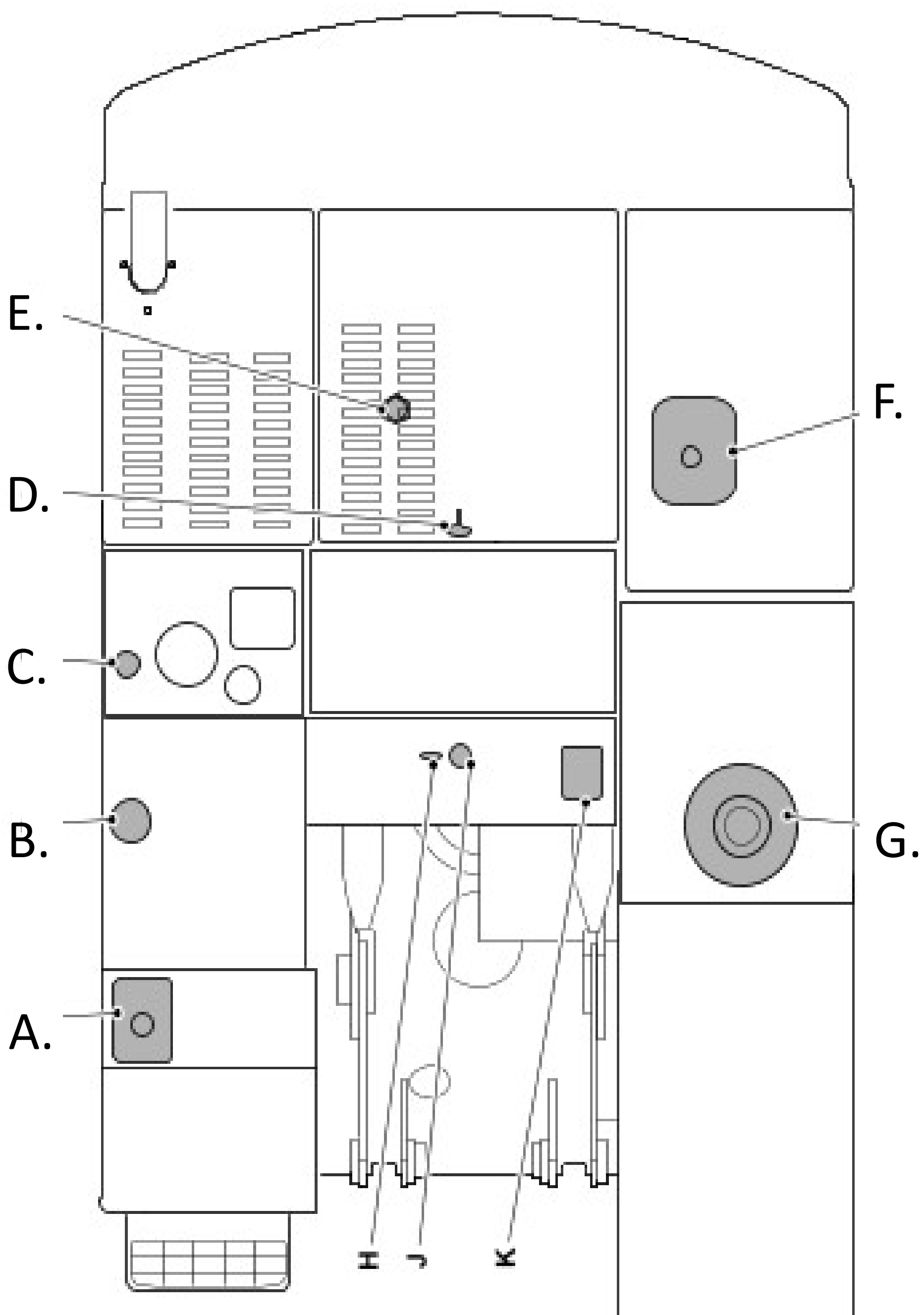
### Right Joystick (SAE)



1. Dipper In
2. Dipper Out
3. Bucket Fill
4. Bucket Dump

# Service Points

## Upper Structure



A.DEF filler cap (below panel after step)

B.Diesel fuel filler cap

C.Hydraulic oil filler cap

D.Engine oil dip stick

E.Engine oil filler cap (located under engine panel)

F.Coolant expansion tank (must open center engine panel to open cover panel)

G.Air filter pre-cleaner

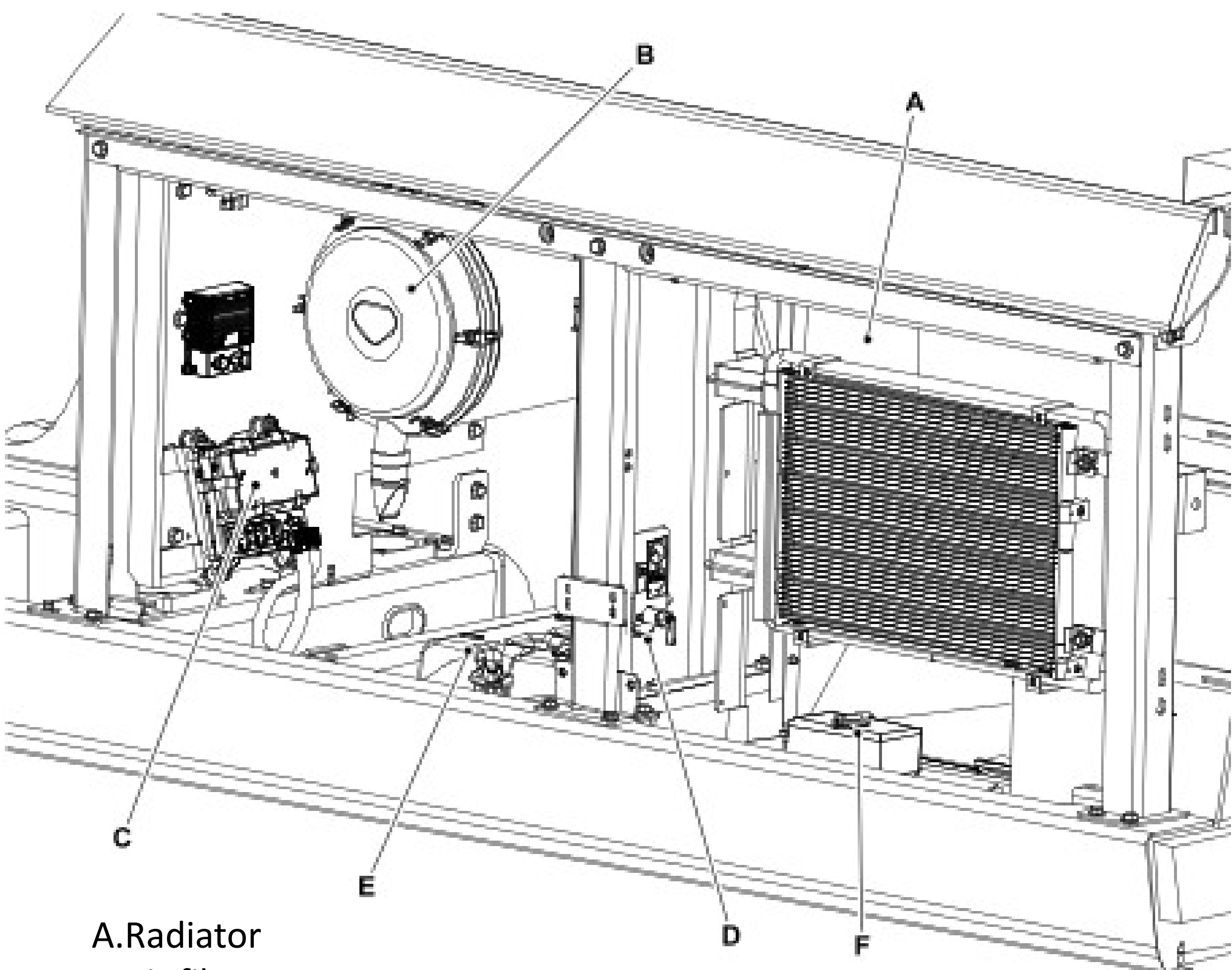
H.Slew gearbox dip stick

J. Slew gearbox filler cap

K. Hammer return filter

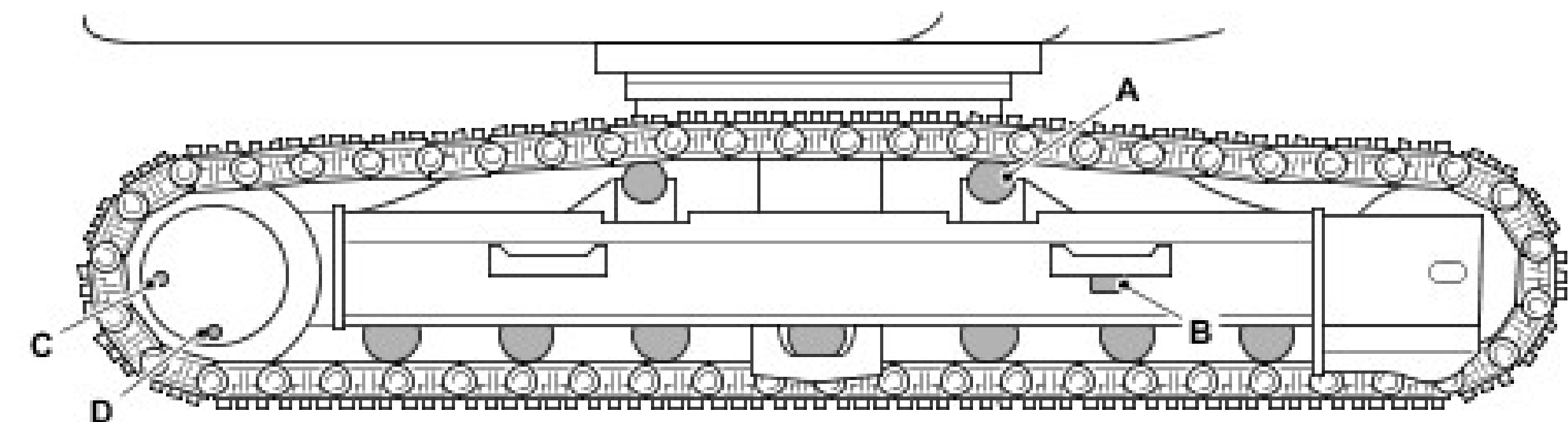
# Service Points

## Upper Structure



- A.Radiator
- B.Air filter
- C.Fuse box
- D.Battery isolator
- E.Batteries
- F.Window washer fluid bottle

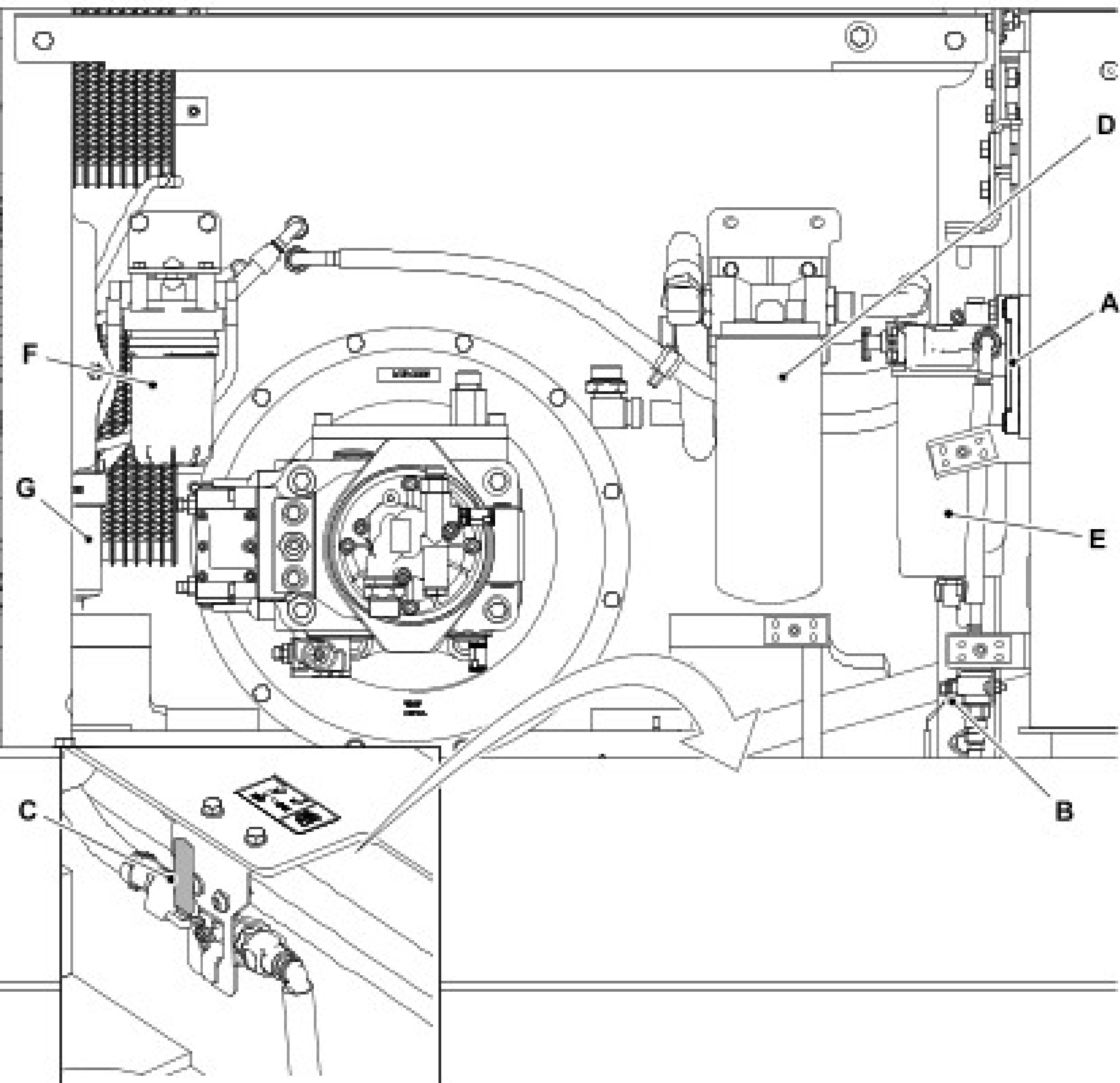
## Undercarriage



- A.Track rollers
- B.Track tensioner
- C.Track fill/level
- D.Track drain

# Service Points

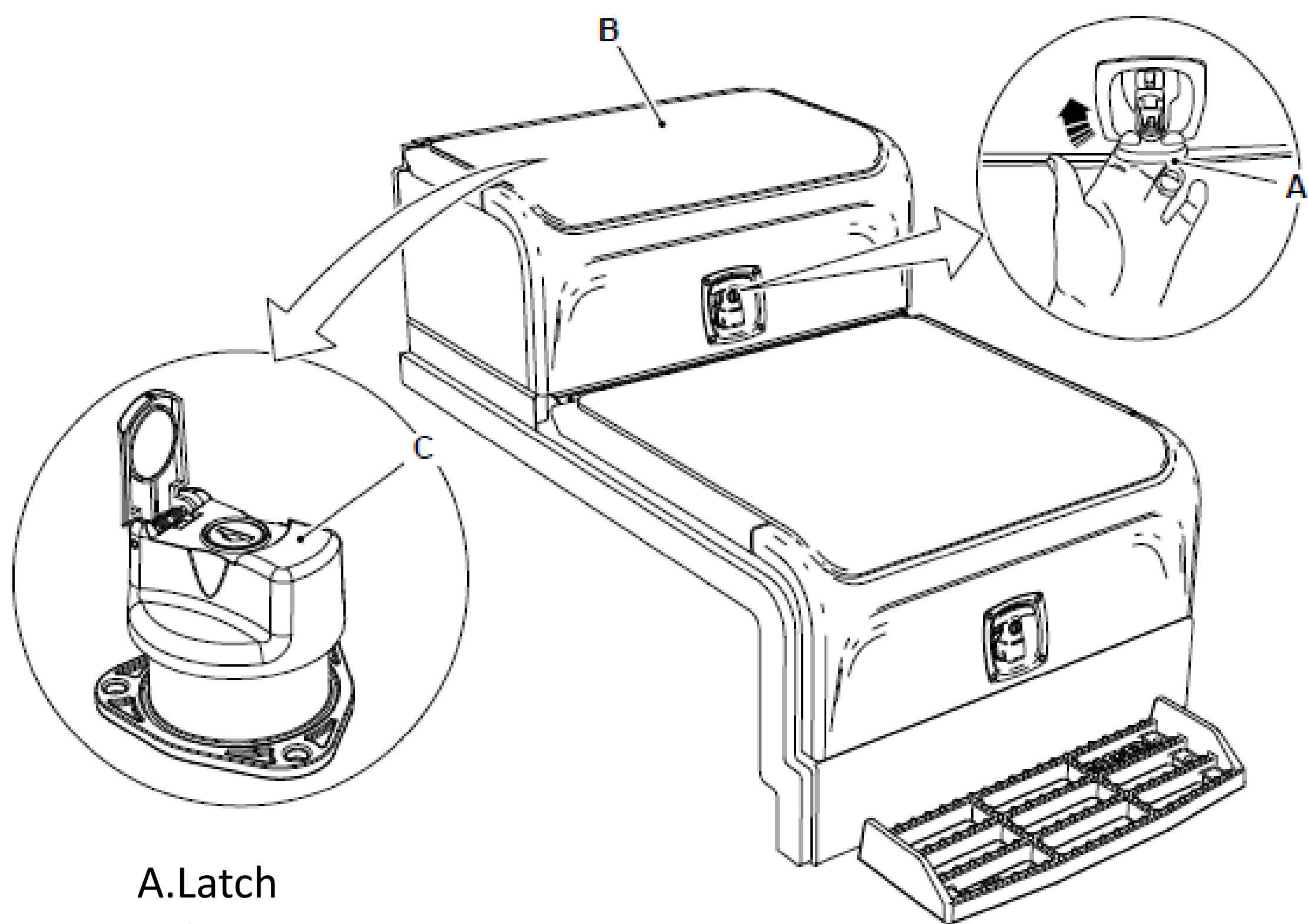
## Hydraulic Compartment



- A. Hydraulic oil level indicator
- B. Fuel tap
- C. Fuel tank drain tap
- D. Engine oil filter
- E. Primary fuel filter / water separator
- F. Fuel pre-filter
- G. Pilot filter

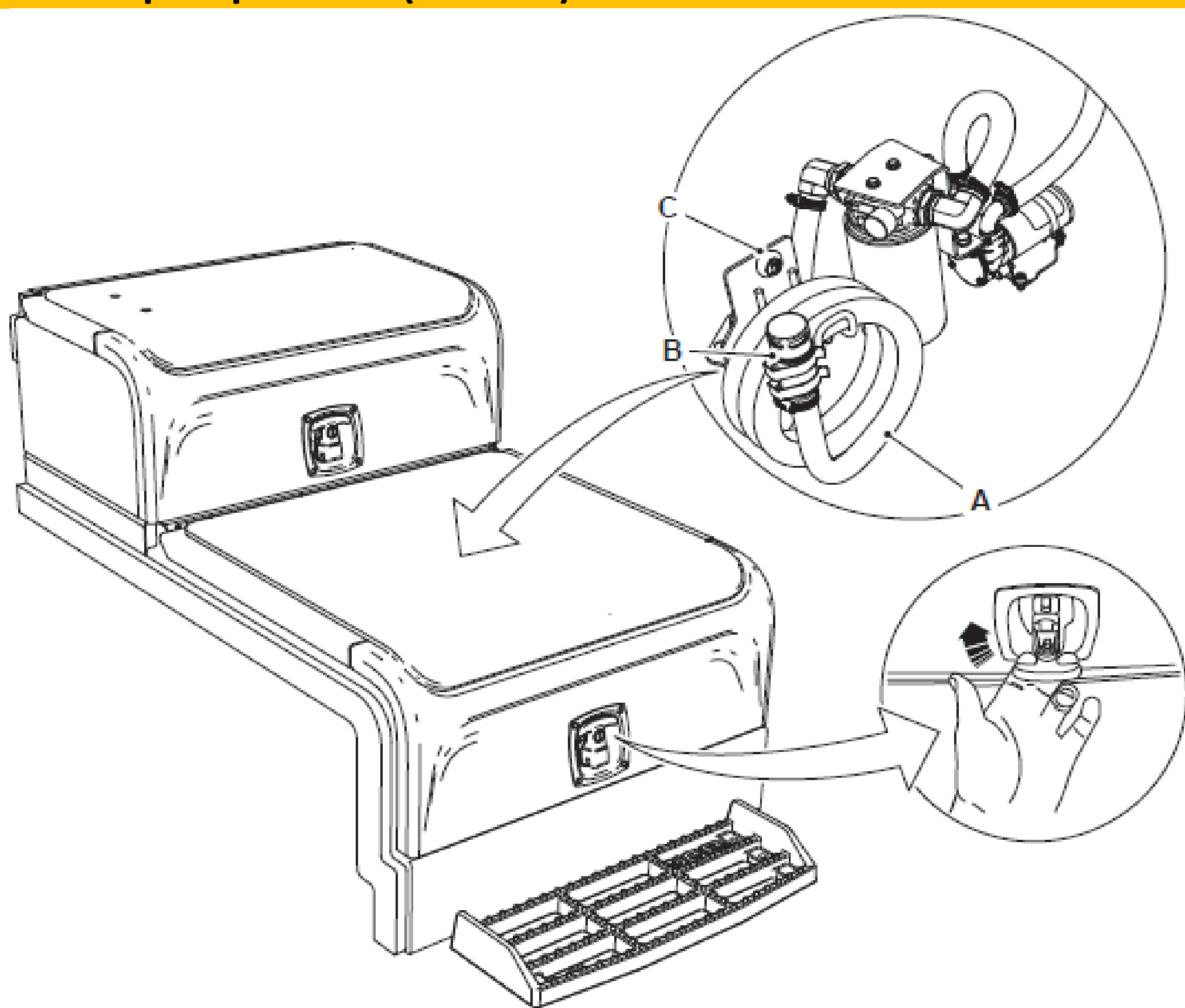
# Service Points

## DEF Fill – Upper step



- A.Latch
- B.Cover
- C.DEF tank filler cap

## Toolbox / refuel pump access (if fitted)



- A.Fuel hose
- B.Close-off valve
- C.Switch

# Hydraulic Quick Coupler

## Standard Attachments

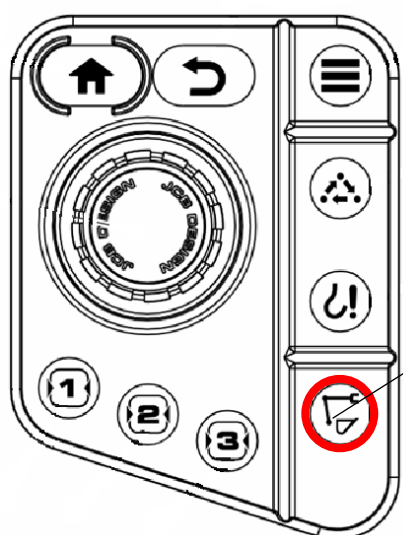


## [How To: Operate the Quickhitch](#)



### 1 Start Unlock Process

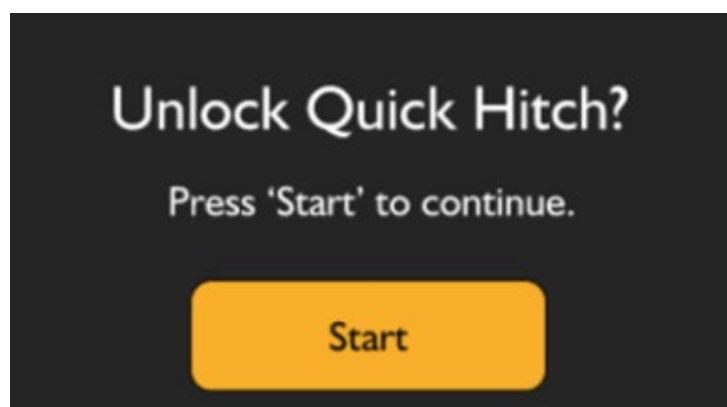
To start quick coupler unlock process, ensure hydraulics are live then press quick coupler button (A)



A

### 2 Confirm Process

A buzzer will sound indicating confirmation is required.  
Press 'Start' using touch screen or rotary dial to continue



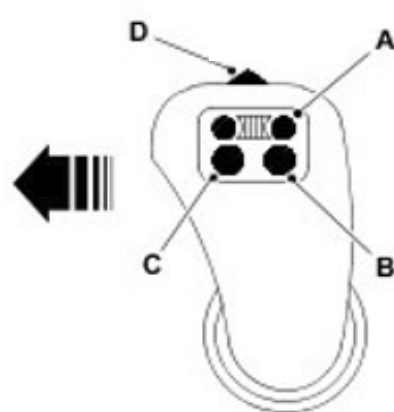
### 3 Indicator

When the sequence is confirmed, a bucket crowd symbol will show on the display



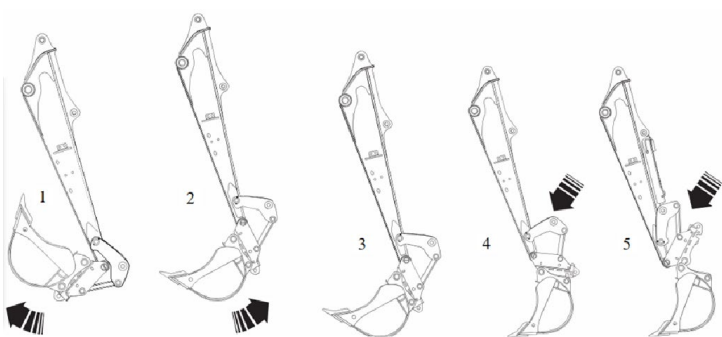
### 4 Open Coupler

To open the quick coupler, crowd the attachment for 3 seconds by moving right hand joystick.  
Alternatively follow steps 4a & 4b below



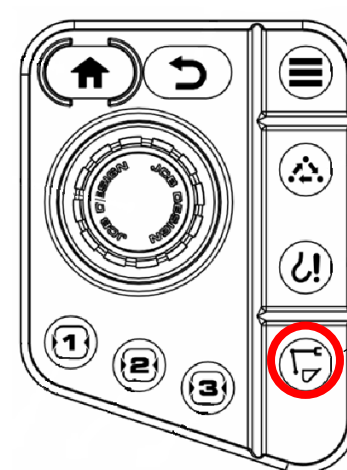
### 5 Change Attachment

Operate the machine to remove the attachment.  
To reattach, engage the coupler with the attachment pin and then crowd the attachment to engage rear pins.



### 6 Lock Coupler

To lock the quick coupler, press button A. Check that the coupler has fully locked onto both attachment pins before proceeding.



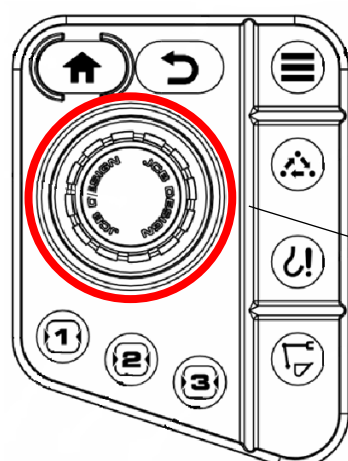
A

## Specialized Attachments

For specialized attachments where it may not be possible to crowd to open, an override function can be used instead.

### 4a Crowd Override

Press and hold rotary dial B instead of crowding attachment



B

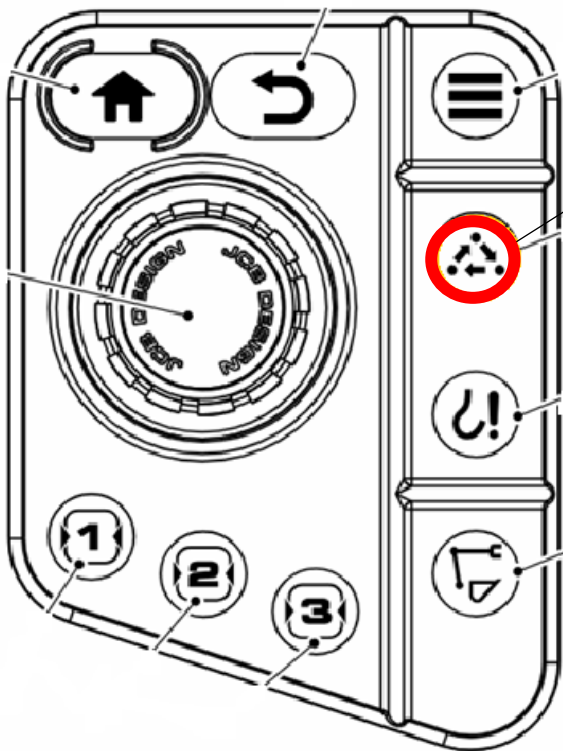
### 4b Open Coupler

When rotary dial is held for 5 seconds the coupler will automatically open. Countdown will be shown on the display and can be cancelled by releasing the dial

# Lifting Mode

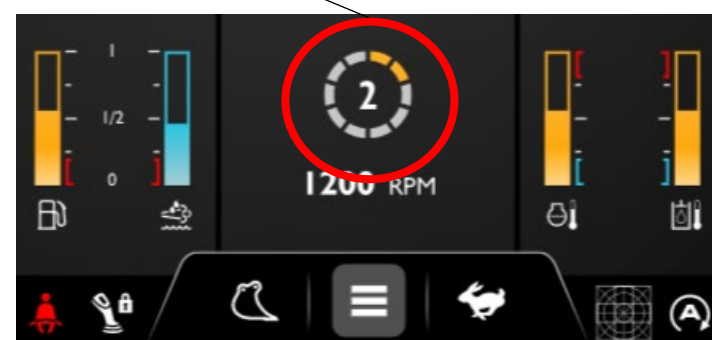
## 1 Mode Selection

Press button A on switch pack to change mode



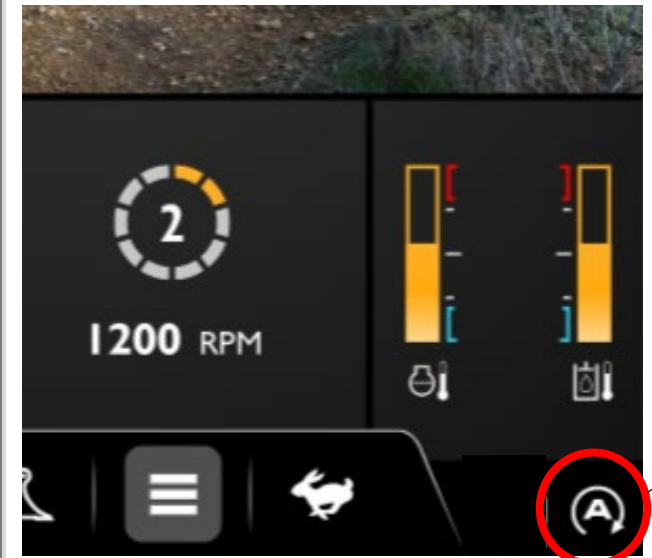
## 2 Power Bands

Working mode (B) will cycle on display from Power to Eco to Lifting. Use L modes for lifting



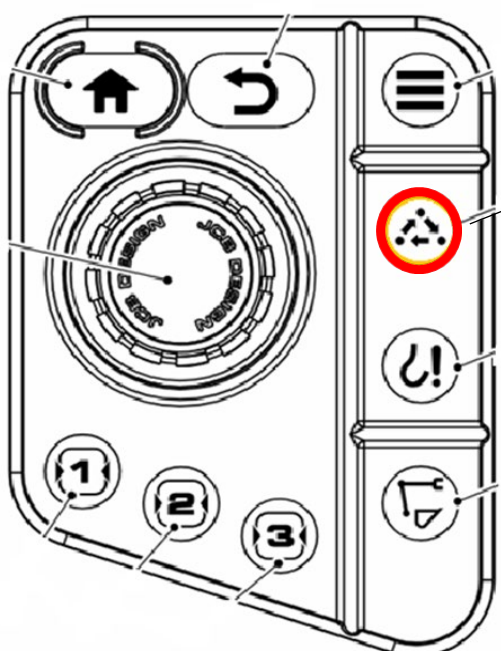
## 3 Auto-idle De-activate

Auto idle de-activates when in Lifting mode. Symbol (C) will not be on the screen.



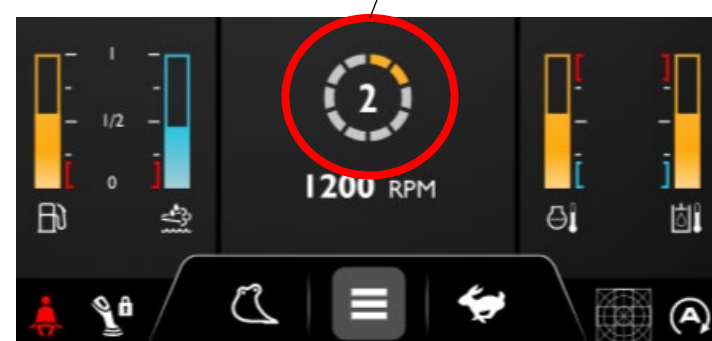
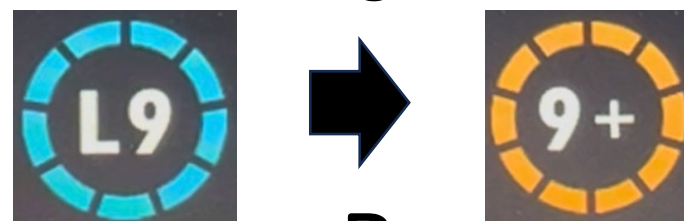
## 4 Disable Lift Mode

To disable Lifting mode, press button (A) on switch pack



## 5 Power Band

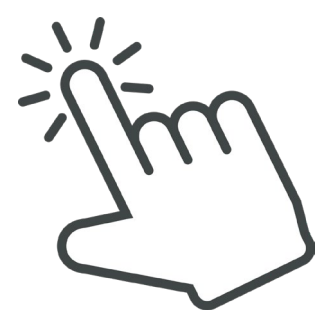
The working mode (B) will cycle on the display from Lifting to Power



## JCB How To Videos



[How To: JCB UX on X Series](#)



Find out how to make the most of your JCB machine with step-by-step instructional videos for the 370X and other machines with the JCB UX display

QUICK REFERENCE GUIDE