



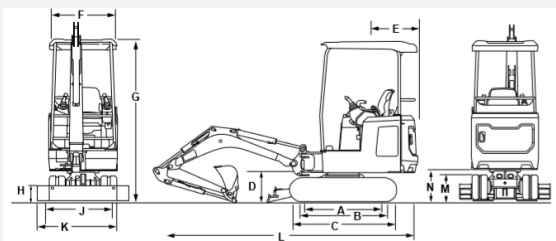
19C-1E

QUICK REFERENCE GUIDE

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.

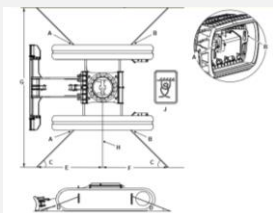
Static Dimensions

Machine model	19C-1E	
A Sprocket idler centers	ft-in	4
B Track length on ground	ft-in	4
C Undercarriage overall length – rubber	ft-in	5-7
Undercarriage overall length – steel	ft-in	5-7
D Kingpost clearance	ft-in	1-4
E Tail swing radius	ft-in	3-7
F Overall width of superstructure	ft-in	3-3
G Height over cab	ft-in	7-7
H Ground clearance	ft-in	0-6
J Track gauge – Retracted	ft-in	2-6
Track gauge – Extended	ft-in	3-8
K Width over tracks – Retracted	ft-in	3-3
Width over tracks – Extended	ft-in	4-4
L Transport length – 3'1" dipper	ft-in	12-8
Transport length – 3'7" dipper	ft-in	12-8
Transport length – 4'5" dipper	ft-in	12-6
M Track height	ft-in	1-2
N Counterweight clearance	ft-in	1-5
Operating weight*	lbs	4105



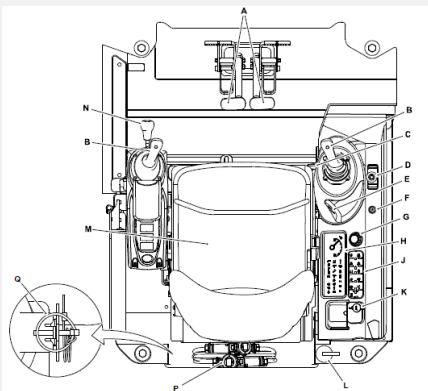
Tie Down Points

- A. Front undercarriage track leg tie-down points
- B. Rear undercarriage track leg tie-down points
- C. Angle = 25° to 45°
- D. Angle = 9° to 15°
- E. Length = 8' 2"
- F. Length = 5' 8" to 3' 4"
- G. Length = 8' 2"
- H. Slew ring center line
- J. Tie down decal



Cab and Switch Panel

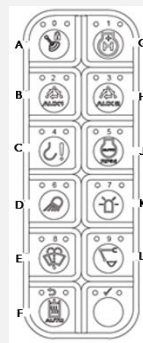
Cab



- A. Track controls
- B. Control Lever
- C. Track extension lever
- D. Dozer blade control lever
- E. Ignition Switch
- F. Motor running indicator light
- G. Rotary hand throttle control
- H. Instrument panel
- J. Console switch panel
- K. Auxiliary power socket
- L. Fire extinguisher
- M. Operator seat
- N. Control isolation lever
- O. Charging cable stowage
- P. Quickhitch release bar stowage

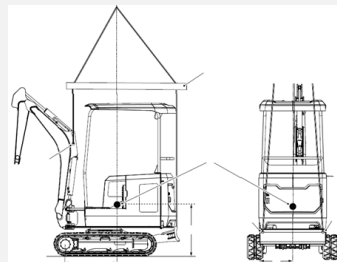
Switch Panel

- A. Control Isolation Switch (2Go)
- B. Aux 1 selection switch
- C. Lift overload on/off switch
- D. Work lights on/off switch
- E. Wipers/washer on/off switch
- F. Auto-hydraulic warming switch (not used)
- G. H+ mode selection switch (not used)
- H. Aux 2 selection switch
- J. Auto idle on/off switch (not used)
- K. Beacon on/off switch
- L. Q-hitch sequence

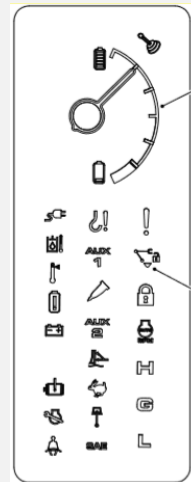


Lifting Points

- A. Boom Lift Point
- B. Dozer Blade Lift Point
- C. Spreader Bar
- D. Centre of Gravity
- E. 2' 8"
- F. 2' 7"
- G. 1' 9"



Instrument Panel



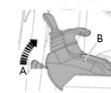
- A. Battery Level indicator gauge
- B. Warning and indicator lamps

- Charger connected
- Hydraulic oil-over temperature
- System over temperature
- Li-ion battery system fault
- 12V battery charging
- Motor fault
- Service due
- Seat belt
- Lift overload warning
- Aux 1 – double acting
- Aux 1 – single acting
- Aux 2 – low flow
- Dozer float
- High speed travel
- Swing active
- SAE active
- Master warning
- Immobilizer active
- Hydraulics active
- Quick hitch unlock
- Auto idle active
- 'H' mode active
- 'G' mode active
- 'L' mode active

Start Up Sequence

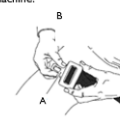
1 Raise Pod Arm

Ensure the hydraulic isolation lever (left hand arm rest) is in the raised position.



2 Engage Seat Belt

Engage seat belt (A) into latch (B) before starting machine.



3 Power Machine On

Insert key in to ignition switch, and turn to position I. The instrument panel will illuminate.



4 Disarm Immobilizer

If fitted, disarm by entering PIN code using the switch panel buttons. Confirm code by pressing the tick button.

Note: switch panel buttons will all be illuminated red and instrument panel will display a padlock symbol if immobilizer is fitted and armed.

5 Start Motor

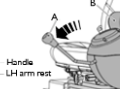
Turn key in ignition switch to position III and hold until the motor running indicator light illuminates.



6 Lower LH Arm Rest

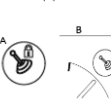
Lower the LH arm rest to activate the hydraulics.

Note: If 2 GO enabled go to step 8, if not go to step 9.



7 Press 2 GO Button

If enabled press 2 GO button (A) to activate hydraulics. Instrument panel will illuminate (B) when active.



8 Operate Machine

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



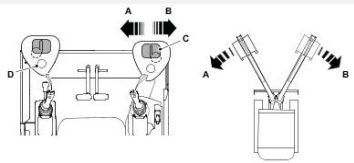
Access additional information

www.servicepro.jcb.com



Joystick & Dozer Lever

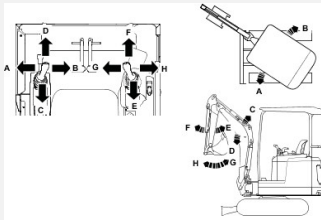
Swing Controls



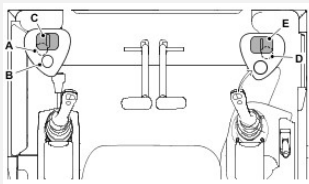
- A. Swing Left
- B. Swing Right
- C. Swing Thumb Wheel Control
- D. Change over button

Excavator Levers (SAE)

- A. Slew cab left
- B. Slew cab right
- C. Raise boom
- D. Lower boom
- E. Dipper in
- F. Dipper out
- G. Crowd bucket
- H. Dump bucket



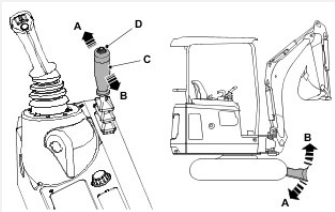
Auxiliary Controls



- A. Tilt/grab changeover for tilt-rotator
- B. Boom swing/Aux change over button
- C. Thumb-wheel control – Aux 2 (Low flow)
- D. Continuous flow button – Hammer circuit
- E. Thumb and wheel control – Aux 1 (High flow)

Note: A & D located underside of the joystick

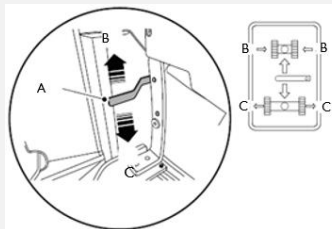
Dozer Lever



- A. Lower the dozer
- B. Raise the dozer
- C. Control lever
- D. 2-speed selection

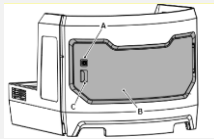
Retracting Undercarriage Lever

- A. Track Extension Lever
- B. Upward – Retract
- C. Downward - Extend



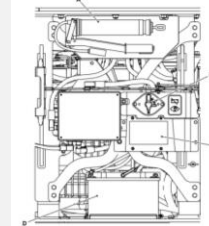
Service Points and Access Covers

Battery Cover



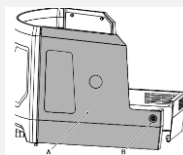
- A. Lock
- B. Service compartment cover
- C. Handle

Battery Compartment



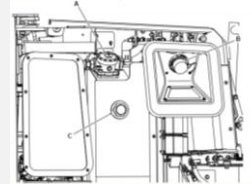
- A. Grease gun
- B. Service disconnect
- C. Fuse/relay box
- D. 12V Battery

Hydraulic Compartment Cover



- A. Hydraulic compartment cover
- B. Lock

Hydraulic Compartment

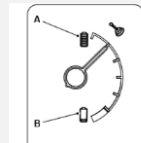


- A. Hydraulic tank filler cap
- B. High voltage batteries charging point
- C. Hydraulic oil level indicator

Charging Levels & Charging



- A. Charge indicator
- B. Operating status
- C. Charging socket
- D. Charge cable



- A. Full Charge
- B. Low Battery

1. Connect charge lead to mains supply outlet and the machine inlet.
2. Depress the reset button with the RCD*
3. Green status LED light will illuminate at charge inlet (A)
 1. LED light will pulse when charging
 2. LED light will hold green when plugged in and not charging
4. Machine instrument panel will illuminate and display state of charge

*for 230V AC mains supply, when using 110V AC, an RCD is not provided

Auxiliary Venting (Within 1 Minute of Motor Shutdown)

1 Lower LH Arm Rest

While sitting in the operating station with motor off lower LH arm rest.

A - Handle
B - LH arm rest

2 Machine Power On

Turn ignition switch to position 1 so that the instrument panel and switches become active (enter immobilizer code if requested).

3 Press 2 GO Button

Press 2 GO button (A) to activate hydraulics. Instrument panel will illuminate (B) when active.

4 Select Aux Circuit

Enable aux function on top of the left control lever (A). Ensure symbol (B) or (C) is displayed.

5 Switching Circuits

Change Aux mode between Aux 1 (A) and Aux 2 (B) using mode select switch on the right hand console.

6 Venting Aux Circuit

Operate the roller switch fully in both directions to release stored pressure. Right hand (A) for Aux 1 and left hand (B) for Aux.

Hydraulic Hitch Unlock Sequence

1 Start Unlock Process

To start quick hitch unlock process ensure hydraulics are live then press quick hitch sequence button (A).

2 Confirm Process

Instrument panel will indicate need to confirm process (A). To confirm process press 2 GO button (B).

3 Boom LED Indicator

When the sequence is confirmed the LED on the boom will flash red (A).

4 Remove Attachment

To disengage the pivot pin, crowd attachment for 3 seconds then remove attachment.

5 Change Attachment

Operate the machine to engage the jaw (A) with the attachment (B) and then full crowd the attachment to align latch.

6 Lock Quick Hitch

To engage the lock on the quick hitch press one of the following two buttons and visually check hitch is locked.

Mechanical Hitch Unlock Sequence

1 Park Machine Up

Park the machine on firm level ground. Position the attachment (A) just above the ground and dozer (B) on the ground.

2 Disconnect Attachment

Stop the motor, remove any connected hydraulic hoses and remove the locking pin.

3 Insert tommy bar

Insert the tommy bar into the hole of the latch hook.

A - Latch Hook C - Hole
B - Tommy Bar

4 Release Attachment

Apply downward pressure to the tommy bar to release the buckets rear pivot.

5 Restart Machine

Start the motor, rest attachment on the ground and engage the hydraulics.

6 Remove Attachment

Slowly roll the quickhitch in the direction of the arrow whilst raising the dipper to release the front pivot (A).