



3CX, 4CX

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

| Model | 3CX-14 | 3CX-14 SUPER | 3CX-15 SUPER | 4CX-14 SUPER | 4CX-15 SUPER |
|--------------------------------------|------------|--------------|--------------|--------------|--------------|
| A Transport length | ft-in 23-7 | 23-7 | 24-7 | 24-2 | 25-2 |
| B Transport height - fixed dipper | ft-in 11-3 | 11-3 | 12-9 | 11-3 | 12-9 |
| B Transport height - extended dipper | ft-in 11-7 | 11-7 | 12-10 | 11-7 | 12-10 |
| C Height to top of cab/canopy | ft-in 9-3 | 9-5 | 9-5 | 9-5 | 9-5 |
| D Overall width with bucket | ft-in 7-9 | 7-9 | 7-9 | 7-9 | 7-9 |
| E Ground clearance - mainframe | ft-in 1-1 | 1-1 | 1-1 | 1-1 | 1-1 |
| F Ground clearance - front axle | ft-in 0-11 | 0-11 | 0-11 | 1-6 | 1-6 |
| G Wheelbase | ft-in 7-1 | 7-1 | 7-1 | 7-3 | 7-3 |
| Operating weight - Base unit | lbs 16,191 | 17,101 | 18,459 | 17,659 | 19,017 |
| Operating weight - Cab | lbs 631 | 631 | 631 | 631 | 631 |
| Operating weight - Extradig | lbs 882 | 882 | - | 882 | - |

Operating weight to ISO 8611 includes machine with canopy, fixed dipper, 4-wheel steering, 48" buckets, 750 lb/562 lb counterweight, full fuel tank and operator.

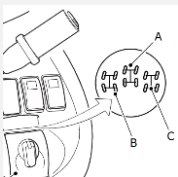
3CX Machines



4CX Machines

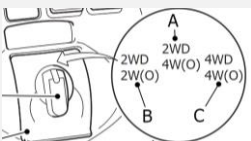


4CX Steering Modes



- A. 2-wheel steer
 - B. 4-wheel steer
 - C. Crab Steer
- * Allow for 5 seconds to pass between steering changeovers'

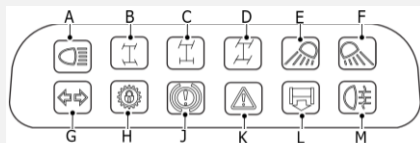
2WD/4WD Modes



- A. 2WD – all wheel braking
- B. 2WD – two-wheel braking
- C. 4WD – all wheel braking

Panel, Console, Display

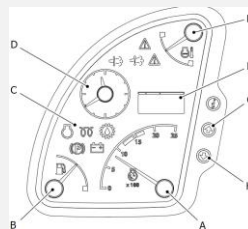
Instrument Panel



- A. Main beam
- B. 4WS
- C. 2WS
- D. Crab wheel steer
- E. Front work lights
- F. Rear work lights
- G. Direction Indicators
- H. Torque Converter lock up
- J. Service brake malfunction
- K. Master warning light
- L. Stabilizer legs
- M. Rear fog lights

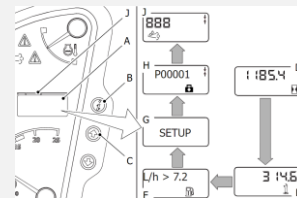
Side Console

- A. Tachometer
- B. Fuel gauge
- C. Warning lights
- D. Cab clock
- E. Coolant temp. gauge
- F. Display
- G. Arrow button
- H. Arrow button



Digital Display

- A. Digital display
- B. Information switch
- C. Arrow buttons
- D. Vehicle hours
- E. Hours to service
- F. Fuel computer
- G. Set up
- H. Fault code list
- J. DEF gauge - 91hp & 109hp machines



Start Up Sequence

- 1 Insert Isolator Key**

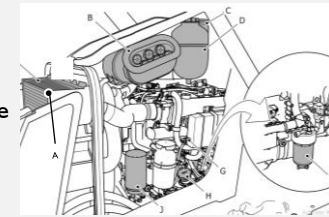
A Battery isolator
- 2 Apply Seat Belt**
 Check all Levers are in neutral position and fasten seatbelt.
- 3 Set the hand throttle lever to minimum.**

A Idle position
- 4 Ensure forward/reverse lever is in the neutral position**
- 5 Start Machine**
 Turn the ignition key clockwise to the start position and hold it there until the engine starts.

Service Points

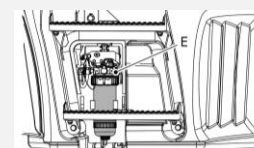
Engine Compartment

- A. Cooling pack
- B. Air filter assembly
- C. Window washer bottle
- D. Coolant expansion bottle
- F. Engine fuel filter
- G. Engine oil dipstick
- H. Engine oil filler point
- J. Engine oil filter



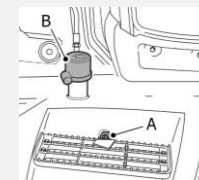
Fuel Filter / water separator

- E. Fuel filter/ water separator with shut-off tap



Hydraulic Tank

- A. Hydraulic level indicator
- B. Hydraulic oil filler cap



Maintenance Schedule

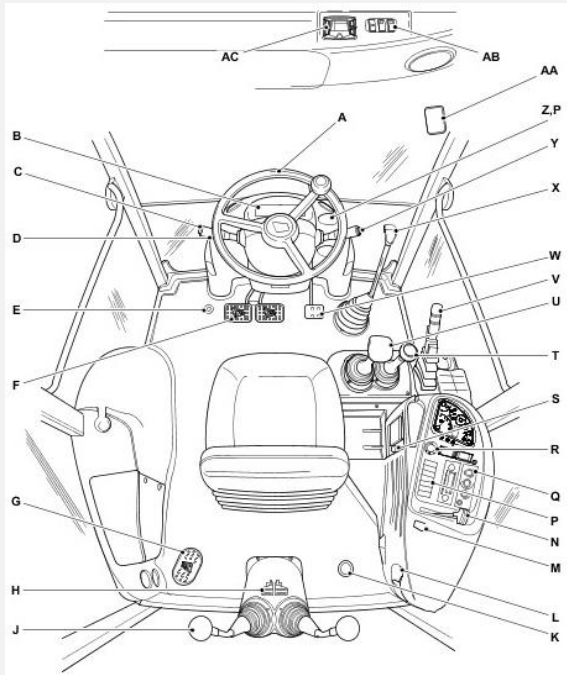
| Daily Checks (10h) | Action |
|---|-----------------|
| Attachments | Visual/Operate |
| Seat belt operation/condition | Visual/Operate |
| Windscreen washer level | Visual Check |
| Pins, bushes, welds | Visual Check |
| Park brake operation | Operate |
| Oil level | Physical/Visual |
| ROPS/FOPS condition | Visual Check |
| Weekly Checks (50h) | Action |
| All pivot pins | Visual Check |
| Extending dipper wear pad runways stabilizers | Visual Check |
| Battery electrolyte level | Physical/Visual |
| Battery terminal security/clean | Visual Check |
| Fan/alternator drive belt condition | Visual Check |
| A/C compressor belt condition | Visual Check |
| Fuel separator | Visual Check |
| Cooling pack | Visual Check |
| Hub mounting bolt security | Visual Check |
| Boom lock | Visual/Operate |
| Transmission oil | Visual Check |

Access additional information

www.servicepro.jcb.com

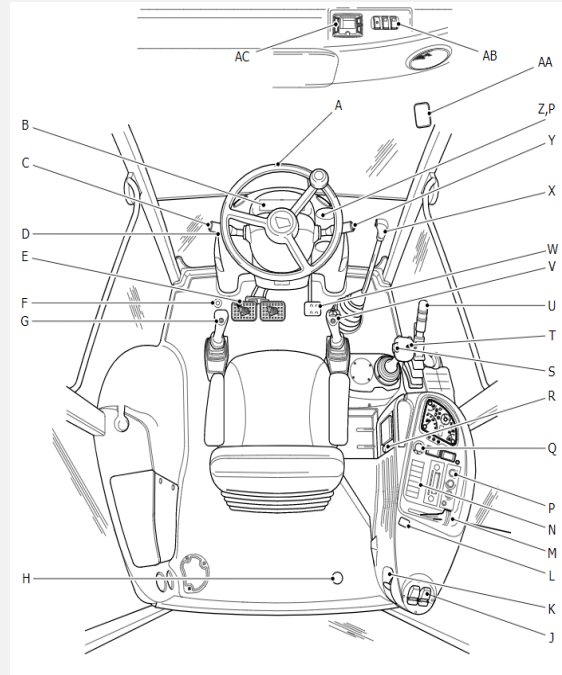


Cab – Manual Controls



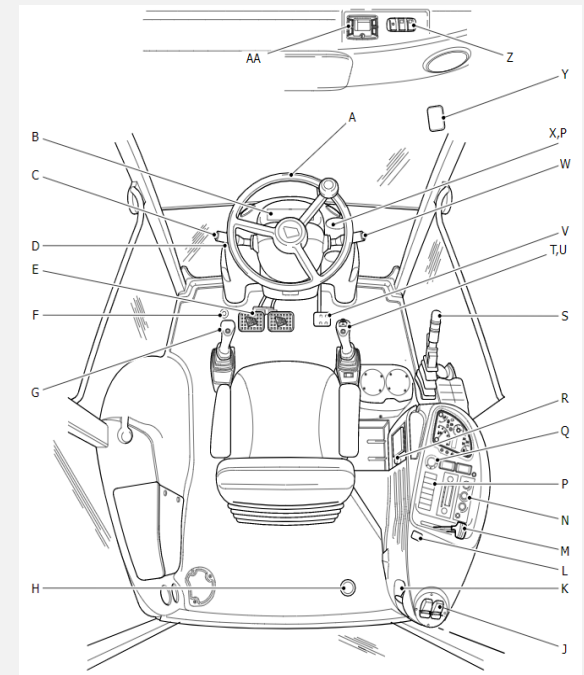
- A. Steering wheel
- B. Instrument panel
- C. Drive lever
- D. Gear selection
- E. Transmission kickdown switch
- F. Service brake pedal
- G. Auxiliary circuit controls
- H. Stabilizer controls
- J. Excavator controls
- K. Hammer switch
- L. Boom lock
- M. Lifting warning switch
- N. Hand throttle lever
- P. Console switches
- Q. HVAC controls
- R. Starter switch
- S. Auxiliary power socket
- T. Auxiliary circuit controls
- U. Loader controls
- V. Park brake
- W. Accelerator pedal
- X. Gear lever
- Y. Multi-purpose switch
- Z. Speedometer
- AA. Visibility aids
- AB. Roof switches, immobilizer LED
- AC. Extreme cold climate heater switch

Cab – EasyControls



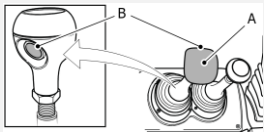
- A. Steering Wheel
- B. Instrument Panel
- C. Drive lever
- D. Gear selection
- E. Service Brake Pedal
- F. Transmission Kickdown Switch
- G. Excavator Controls
- H. Hammer switch
- J. Stabilizer controls
- K. Not applicable
- L. Lifting warning switch
- M. Hand throttle lever
- N. Console switches
- P. HVAC controls
- Q. Starter switch
- R. Auxiliary Power Socket
- S. Auxiliary circuit controls
- T. Loader control (lever)
- U. Park brake
- V. Excavator arm controls
- W. Accelerator Pedal
- X. Gear Lever
- Y. Multi-Purpose Switch
- Z. Speedometer
- AA. Visibility aids
- AB. Roof switches immobilizer LED
- AC. Extreme cold climate heater switch

Cab – Advanced EasyControls



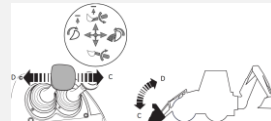
- A. Steering Wheel
- B. Instrument Panel
- C. Drive lever
- D. Gear selection
- E. Service Brake Pedal
- F. Transmission Kickdown Switch
- G. Excavator Controls
- H. Hammer switch
- J. Stabilizer controls
- K. Not applicable
- L. Lifting warning switch
- M. Hand throttle lever
- N. HVAC controls
- P. Console switches
- Q. Starter switch
- R. Auxiliary Power Socket
- S. Park brake
- T. Loader/Excavator controls
- U. Auxiliary circuit controls
- V. Accelerator Pedal
- W. Multi-Purpose Switch
- X. Speedometer
- Y. Visibility aids
- Z. Roof switches immobilizer LED
- AA. Extreme cold climate heater switch

Loader - Manual Controls



- A. Control lever
- B. Transmission dump switch

- A. Loader arm – raise
- B. Loader arm – lower

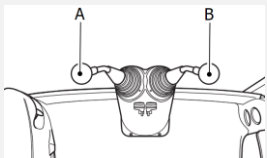


- C. Loader arm – roll forward
- D. Loader arm – roll back

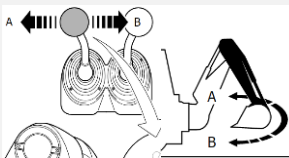
Excavator - Manuals Controls

SAE Plus ('+') Pattern

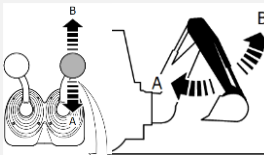
- A. Left hand lever
- B. Right hand lever



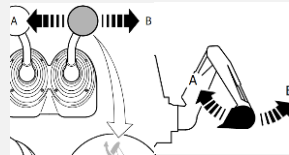
- A. Boom raise
- B. Boom lower



- A. Slew left
- B. Slew right



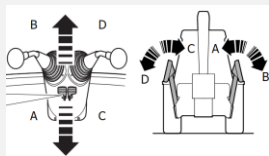
- A. Dipper in
- B. Dipper out



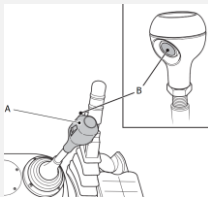
- A. Close bucket
- B. Open bucket

Stabilizers - Manual Controls

- A. Raise stabilizer
- B. Lower stabilizer
- C. Raise stabilizer
- D. Lower stabilizer

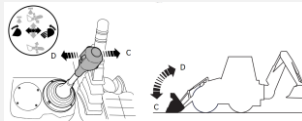


Loader - EasyControls



- A. Control lever
- B. Transmission dump switch

- A. Loader arm – raise
- B. Loader arm – lower

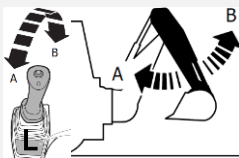
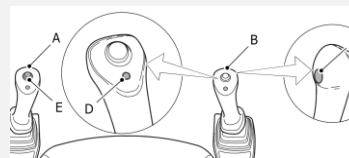


- C. Loader arm – roll forward
- D. Loader arm – roll back

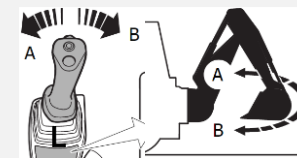
Excavator – EasyControls & Advanced EasyControls

ISO Plus ('+') Pattern

- A. Left hand Joystick
- B. Right hand Joystick
- C. Switch
- D. Light
- E. Control lever



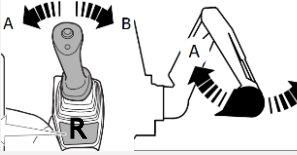
- A. Dipper in
- B. Dipper out



- A. Slew left
- B. Slew right



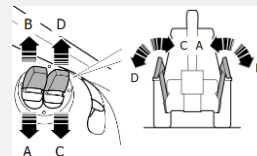
- A. Boom raise
- B. Boom lower



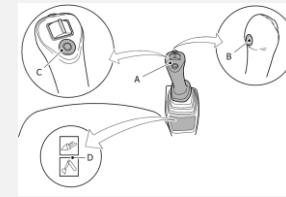
- A. Close bucket
- B. Open bucket

Stabilizers – EasyControls & Advanced EasyControls

- A. Raise stabilizer
- B. Lower stabilizer
- C. Raise stabilizer
- D. Lower stabilizer

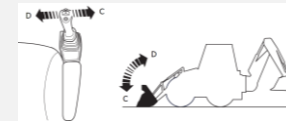
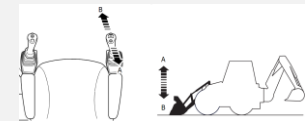


Loader - Advanced EasyControls



- A. Control lever
- B. Transmission dump switch

- A. Loader arm – raise
- B. Loader arm – lower



- C. Loader arm – roll forward
- D. Loader arm – roll back

Loader & Excavator Engagement

Manual

Loader : loader controls will be active upon engine ignition

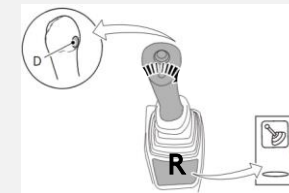
Excavator : Excavator controls will be active upon engine ignition

EasyControls

Loader : loader controls will be active upon engine ignition

Excavator : (machine turned on and the seat facing the rear)

1. Use the joystick rocker switch to enable the Excavator controls (C)
2. Press and release the servo enable switch (D), the lights on the top of both joysticks will illuminate.



Advanced EasyControls

Loader & Excavator controls : (machine turned on and the seat facing the front for loader or the rear for excavator controls)

1. Enable loader or excavator auxiliary services with rocker switch (C)
2. Press and release the servo enable switch (D), the lights on the top of both joysticks will illuminate

