QUICK REFERENCE GUIDE

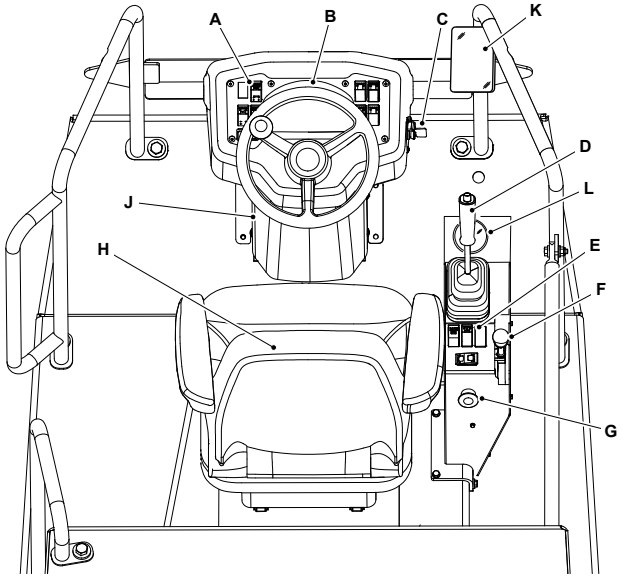
JCB116, JCB116D, JCB116DD

EN - 9828/GCF00 - ISSUE 1 - 04/2026

The information shown in this Quick Reference Guide is taken from the Operator's Manual (9831/4600).

This Quick Reference Guide DOES NOT replace the Operator's Manual. You MUST read ALL the disclaimers and safety and other instructions in the Operator's 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.

Component Locations

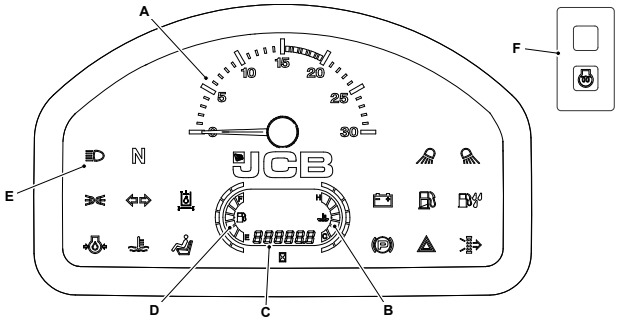


A Front console switches
B Instrument panel
C Ignition switch
D Transmission drive lever
E Side console switches
F Hand throttle
G Engine stop switch
H Operator seat
J Auxiliary power socket
K Compatronics meter- digital type (if installed)
L Compatronics meter- analog type (if installed)

Instrument Panel

The instruments and warning lights are grouped together on an instrument panel.

Do not use the machine if it has a fault condition, or you may damage the engine and/or the transmission.



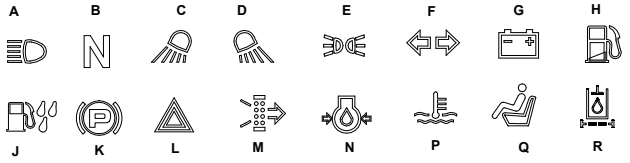
A Engine speed
B Coolant temperature gauge
C Hourmeter
D Fuel level gauge
E Warning and notification symbols
F Grid heater

Fuel level gauge: The indicator segment shows the current level of fuel in the tank. Do not let the tank run dry, or air can enter the fuel system.

Coolant temperature gauge: The indicator segment shows the current temperature of the engine coolant. Do not let the needle rise into the red danger zone of the gauge.

Engine speed: The needle position shows the current speed of the engine.

Warning and Notification Symbols



A	Main beam	Illuminate when the headlight main beams are switched on. Switch the main beams off for on-coming vehicles.
B	Neutral	Illuminate when the machine is in neutral.
C	Front working lamp	Illuminate when the front work lights are switched on.
D	Rear working lamp	Illuminate when the rear work lights are switched on.
E	Brake light	Illuminate when the brake is applied.
F	Direction indicators	Flashes with the direction indicators. Use the indicators to signal before turning the machine.
G	Battery charging condition	Audible/Visual. The lamp illuminates and buzzer will sound, if battery is not charging while engine is running. If battery is charging, the lamp and buzzer should go off a few seconds after the engine is started.
H	Low fuel level	Visual. Illuminates when the fuel level is low.
J	Water in fuel	Illuminates when the water is detected in the engine fuel filter

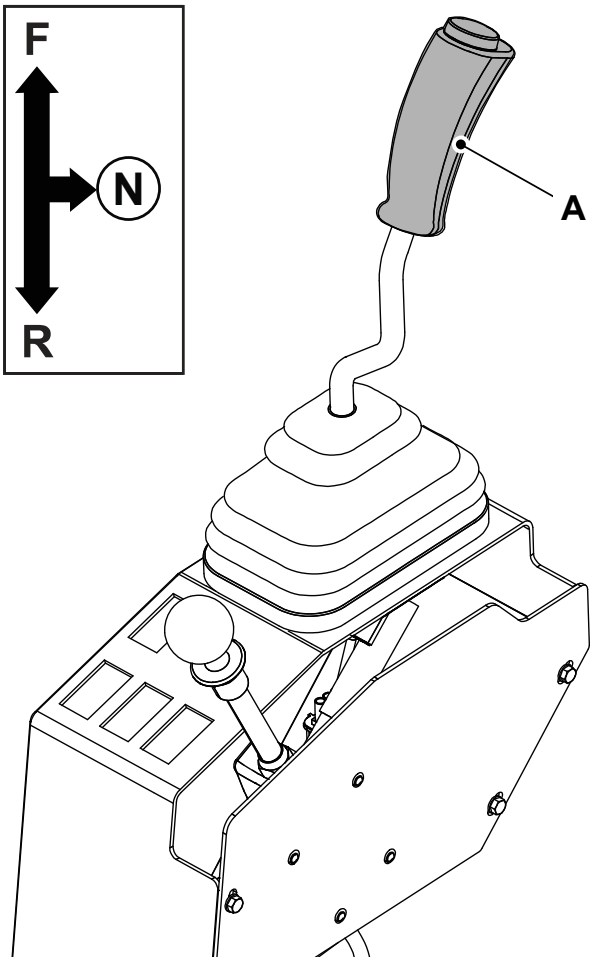
K	Park brake engaged	Illuminates when the park brake is engaged.
L	Hazard warning	Visual. Comes on with the hazard warning lights
M	Blocked air filter	Illuminate when the filter is blocked.
N	Engine oil pressure	Audible/Visual. Illuminates if the engine oil pressure drops too low. Stop the machine immediately and remedy the fault.
P	Coolant tempera-ture	Audible/Visual. Illuminate when the coolant temperature exceed the limit.
Q	Seat switch	Illuminates when the operator is not sat in the seat.
R	Hydraulic oil filter ele-ment block	Visual. Illuminate if the hydraulic oil filter element is blocked.

Basic Controls

The drive lever has four positions: forward, neutral, park brake and reverse.

Use the drive lever for changing the driving direction and speed adjustments.

Transmission Drive Lever



A Drive lever

F Forward drive position

R Reverse drive position

N Neutral position

The neutral position is in the centre of the lever travel.

To operate the machine, move the drive lever forwards or backwards from the neutral position.

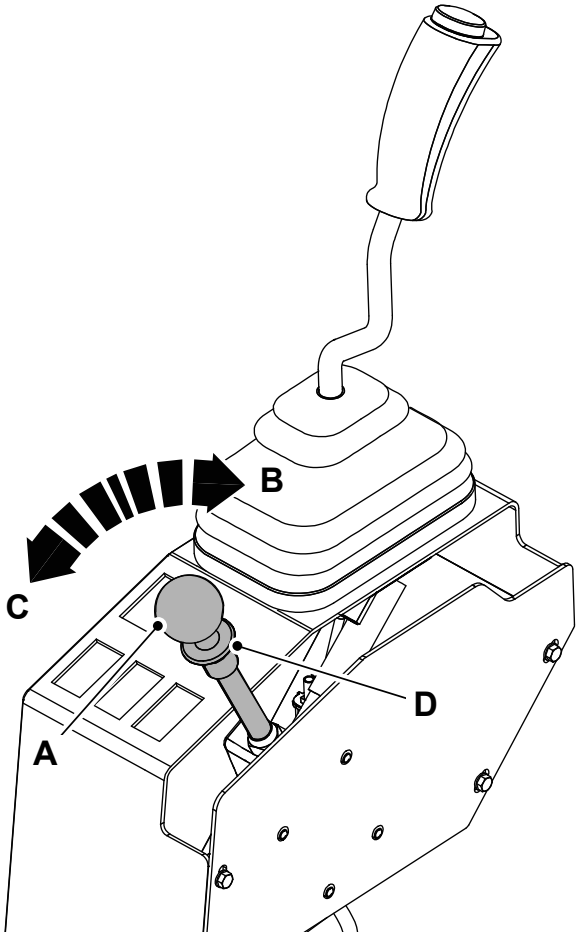
Move the lever forward to drive the machine forward and move the lever backward to reverse. The control is proportional (i.e. the further the lever is moved from the neutral position, the faster the machine will travel.

Move the lever to the neutral position to stop the machine.

When you start or stop the engine, make sure that the drive lever is in the neutral position and that is has locked in position.

The engine will only start when the drive lever is in the neutral position.

Hand Throttle Control

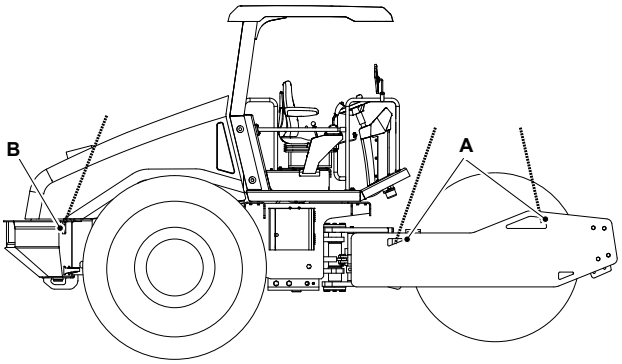


A Hand throttle control
B Operation position
C Engine idling position
D Stopper

Lifting Points

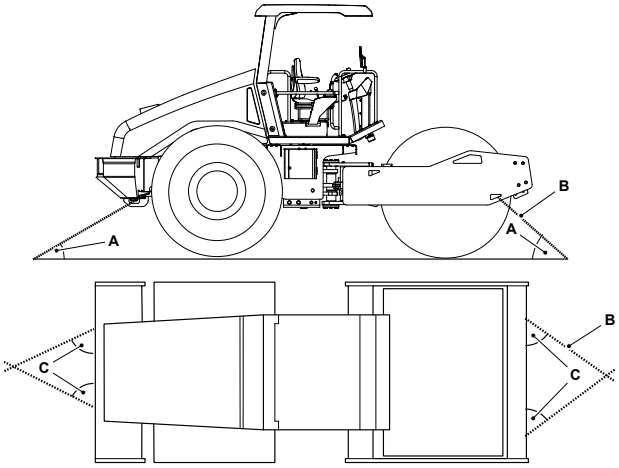
⚠ **DANGER** Do not stand underneath the raised load during the lifting/lowering procedure. Stand clear and to one side until the load has been safely lowered. Make sure that the area is clear of other

people before lowering the load. If you do not follow these precautions you or others could be killed or seriously injured.



A Front Lift point **B** Rear lift point

Tie Down Points



A Tie down angle 15° (minimum), 45° (maximum)
B Tie down accessories (chains, etc)
C Tie down angle 30° (minimum), 50° (maximum)

Lashing Capacity of Tie-down Accessories	**kN**
Minimum working capacity	117
Minimum breaking force	233

Lashing Capacity of Tie-down Accessories (using rubber mats)	**kN**
Minimum working capacity	68
Minimum breaking force	136

Operator Maintenance Tasks

Component	**Task**	**10**	**50**
Engine			
Air Inlet System Security	Check		O
Exhaust Smoke	Check		O
Oil Level	Check	O	O
Coolant Quality/ level	Check	O	O
Coolant or Oil Leaks	Check	O	O
All Hoses - Condition	Check	O	O
Water Sedimentor (primary)	Check for Contamination and Drain	O	O
Drum, Axles and Steering			
Neutral Start Operation Switch	Check		O
Forward/Reverse and Electrical Gear Change - Operation	Check		O
Propulsion Operation	Check		O
Oil Cooler and Radiator Hoses	Check		O
Propulsion and Vibration Pumps Operation	Check		O
Drum Scrapers	Clean	O	O
Drum Scrapers (Gap) Min 18→ 20mm	Check and Adjust	O	O
Drum Distance Spacers / Buffer[1]	Check/ Change(if necessary)		O
Tyre Pressures/Condition	Check	O	O
Tightness of Wheel Nuts[2]	Check	O	
Tightness of Axle / FrameBolts	Check	O	O
Hydraulics			
Hydraulic System	Check (Leaks)	O	O
Oil	Check (Level)	O	O
Hoses - Damage or Leaks	Check		O
Steering Rams - External Leaks	Check		O
Rams - Chrome Condition	Check		O
Electrics			
Emergency Stop Switch	Check (Operation)	O	O
Wiring for Chafing/Routing	Check (Condition)		O
Battery Mounting	Check (Condition)		O
Battery Terminals for Condition and Tightness	Check (Condition)		O
Wipers/Washers	Check (Operation)	O	O
Beacon (if fitted)	Check (Operation)	O	O
Warning Lights	Check (Operation)	O	O

Component	Task	10	50
Lights and Instruments	Check (Operation)	O	O
Operational Lights	Check (Operation)	O	O
Horn	Check (Operation)	O	O
Reverse Alarm	Check (Operation)	O	O
All Other Equipment (as fitted)	Check (Operation)	O	O
Bodywork and Cab			
Safety Decals/Notes	Check	O	O
Cab Isolation Mounts	Check		O
Cab Door Lock	Check		O
Cab Switches (if fitted)	Check		O
ROPS (Roll-Over Protective Structure) and FOPS (Falling Object Protective Structure)		O	O
Condition of Paintwork	Check		
Seat Belt Condition and Security (If fitted)	Check	O	O
Machine Generally	Check for Damage and Clean	O	O

(1) Check the tightness of the bolts/screws every day for the first week (when machine is new).
(2) Check the tightness of the wheel nuts every day for the first week (when machine is new).

Fuses and Relays

⚠ **Notice:** Always replace fuses with ones of correct ampere rating to avoid electrical system damage.

Primary Fusebox

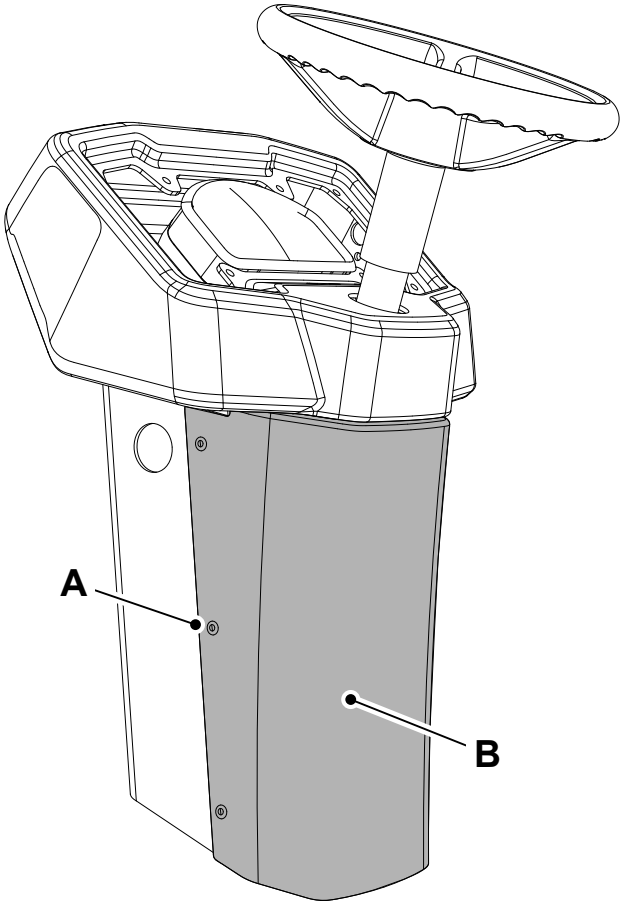
The cab fuses are situated in the roof lining of the cab.

The electrical circuits are protected by fuses. If a fuse blows, find out why before a new one is installed.

The fuses are situated in the front steering column panel.

To get accesses to the fuses:

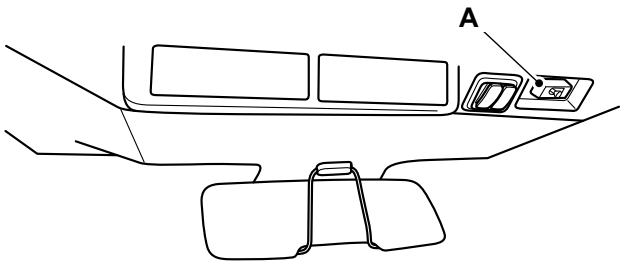
1. Make the machine safe.
2. Loosen the screws.
3. Remove the panel.



A Screw
B Panel

Secondary Fuses - Cab Roof

The cab fuses are situated in the roof lining of the cab.



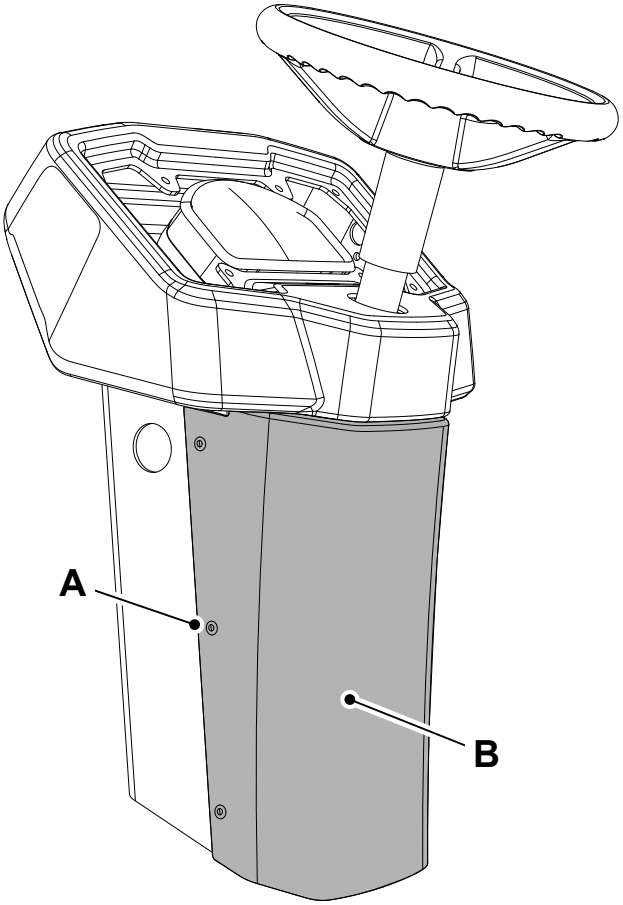
A Fuses

Relays

The relays are situated in the front steering column panel.

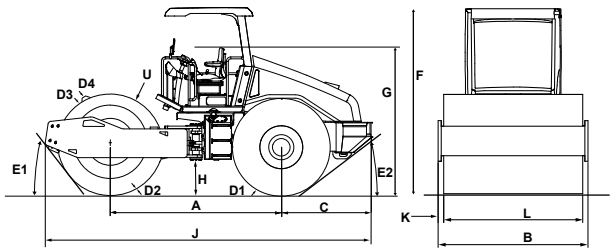
To get accesses to the relays:

1. Make the machine safe.
2. Loosen the screws.
3. Remove the panel.



A Screws
B Panel

Dimensions



A	Wheel Base	2,846mm
B	Overall Width	2,240mm
C	Axle to Rear Face	1,517mm
D1	Wheel Diameter	1,560mm
D2	Drum Diameter (Smooth Drum)	1,500mm
D3	Inner Diameter Pad Foot Drum	1,500mm
D4	Outer Diameter Pad Foot Drum	1,680mm
E1	Front departure angle	39°
E2	Rear departure angle	34°
F	Total travel clearence (for non ROPS canopy machine)	2,995mm
	Total travel clearence (for ROPS canopy machine)	3,009mm
	Total travel clearence (for cab)	3,022mm
G	Height to top of seat (Unfold)	2,280mm
H	Ground Clearence	443mm
J	Total travel length	5,473mm
K	Overhang	70mm
L	Drum Width	2,100mm
	Drum Thickness	28mm

Notes: