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Safety Notices

Important Information

T1-042

The Operator Manual

⚠ WARNING

You and others can be killed or seriously injured if you operate or maintain the machine without first studying the Operator Manual. You must understand and follow the instructions in the Operator Manual. If you do not understand anything, ask your employer or JCB dealer to explain it.

INT-1-4-2

Do not operate the machine without an Operator Manual, or if there is anything on the machine you do not understand.

Treat the Operator Manual as part of the machine. Keep it clean and in good condition. Replace the Operator Manual immediately if it is lost, damaged or becomes unreadable.

Safety Warnings



This safety alert system identifies important safety messages in this manual. When you see this symbol, be alert, your safety is involved, carefully read the message that follows, and inform other operators.

In this publication and on the machine, there are safety notices. Each notice starts with a signal word. The signal word meanings are given below.

⚠ DANGER

Denotes an extreme hazard exists. If proper precautions are not taken, it is highly probable that the operator (or others) could be killed or seriously injured.

INT-1-2-1

⚠ WARNING

Denotes a hazard exists. If proper precautions are not taken, the operator (or others) could be killed or seriously injured.

INT-1-2-2

⚠ CAUTION

Denotes a reminder of safety practices. Failure to follow these safety practices could result in injury to the operator (or others) and possible damage to the machine.

INT-1-2-3

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Introduction

About this Manual

Machine Model and Serial Number

This manual provides information for the following model(s) in the JCB machine range:

8280 Fastrac From 1139400 to 1139999

8310 Fastrac From 1139400 to 1139999.

Using this Manual

T1-044

This manual is arranged to give you a good understanding of the machine and its safe operation. It also contains maintenance information and specification data. Read this manual from front to back before using the machine for the first time. Particular attention must be given to all the safety aspects of operating and maintaining the machine.

If there is anything you are not sure about, ask your JCB distributor or employer. Do not guess, you or others could be killed or seriously injured.

General warnings in this chapter are repeated throughout the book, as well as specific warnings. Read all the safety statements regularly, so you do not forget them. Remember that the best operators are the safest operators.

The illustrations in this manual are for guidance only. Where the machines differ, the text and or the illustration will specify.

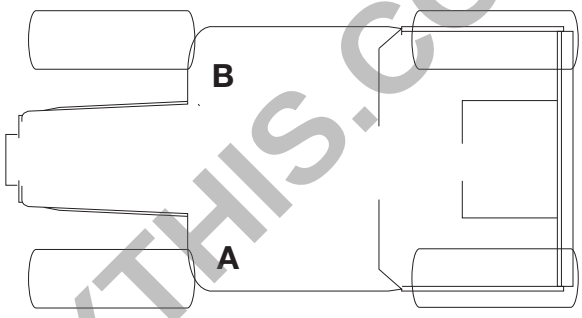
This manual contains original instructions, verified by the manufacturer (or their authorised representative).

The manufacturer's policy is one of continuous improvement. The right to change the specification of the machine without notice is reserved. No responsibility will be accepted for discrepancies which may occur between specifications of the machine and the descriptions contained in this publication.

All optional equipment included in this manual may not be available in all territories.

Left Side, Right Side

In this manual, 'left' **A** and 'right' **B** mean your left and right when you are seated correctly in the machine.



C071590

Fig 1.

Cross References

T1-004_2

In this publication, page cross references are made by presenting the subject title printed in bold, italic and underlined. It is preceeded by the 'go to' symbol. The number of the page upon which the subject begins, is indicated within the brackets. For example: ***Cross References (3)***.

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Seat Controls

Introduction

T2-007_3

⚠ WARNING

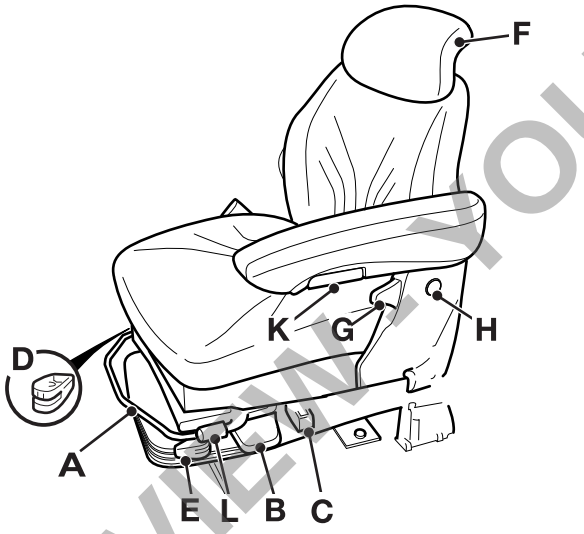
Seat

Position the seat so that you can comfortably reach the machine controls. Do not adjust the seat while the machine is moving. You could have an accident if you operate the machine with the seat in the wrong position.

13-1-1-9_1

The operator's seat can be adjusted for your comfort. A correctly adjusted seat will reduce operator fatigue. Position the seat so that you can comfortably reach the machine controls. For driving the machine, adjust the seat so that you can depress the pedals fully with your back against the seat back.

Standard Suspension Seat



T027040-B1

Fig 8.

Fore/Aft Adjustment

1 Lift handle **A** upwards and slide the seat forwards or backwards to the required position.

2 Release handle **A** and make sure the seat locks into position.

Height/Weight Adjustment

1 Sit on the seat.

2 Adjust lever **B** to set the required height, upwards to raise the seat, downwards to lower it.

3 Having set the desired height, check weight indicator **C** which should be green. If the indicator is yellow, operate lever **B** until the indicator displays correctly.

Important: *To avoid damage to the mechanism, do not operate lever **B** for longer than one minute.*

Suspension Damper Adjustment

The stiffness of the suspension can be adjusted to suit individual preferences or operational requirements. Position the damper adjustment lever **D** to achieve the desired setting. To eliminate seat movement set lever **D** to its stiffest position.

Fore/Aft Shock Absorber

The fore/aft shock absorbing feature may be enabled or disabled according to the driver's preference. To enable shock absorbing, when you travel over rough ground or when towing a trailer, swivel lever **E** forwards. To disable the shock absorbing, swivel the lever rearwards.

Backrest Extension Height Adjustment

Slide the backrest extension **F** up or down to the desired position. The extension piece may be completely removed if required.

Backrest Angle Adjustment

Raise lever **G** to release the backrest locking mechanism. Adjust against the spring to the desired angle and release the lever to lock the position.

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Error Codes

⚠ WARNING

Repairs

If your machine does not function correctly in any way, get it repaired straight away. Neglect of necessary repairs could result in an accident or affect your health. Do not try to do repairs or any other type of maintenance work you do not understand. To avoid injury and/or damage get the work done by a specialist engineer.

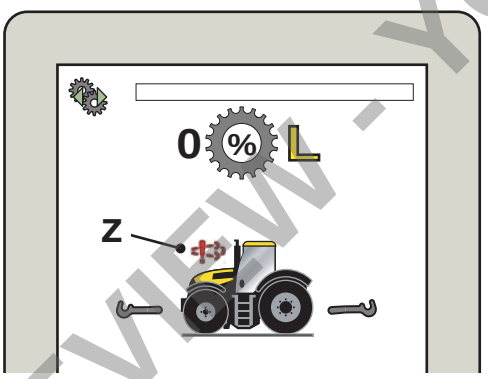
GEN-1-5_2

In the event of the tractor developing a fault, the book icon on the instrument cluster will illuminate and the fault icon **F** will appear on the touch screen. ⇒ *Fig 194. (🗋 175)* Press this icon to display the error codes that are present.

Note: *If the fault is in the ABS, the ABS icon will come on instead of the book icon.*

If a fault arises that is related to emission control, icon **Z** will appear on the touch screen. If this happens frequently during a short period, the engine will run at reduced power or may even shut down completely.

If icon **Z** appears, press the fault icon **F**. ⇒ *Fig 194. (🗋 175)* Record the error codes present and contact your JCB Dealer.



C039560-15

Fig 196.

If the error code is in red text, the fault is currently present. If the error code is in black text, the fault has occurred and has been cleared.

The error code would consist of a number that can be interpreted by a JCB Dealer. Although some faults may not prevent the machine from continuing to operate, you should contact your dealer if a fault develops in order to avoid the possibility of damage.

The prefix letters of the number error codes denote the part of the machine affected. These are given here for information only. ⇒ *Table 15. (🗋 178)*

Some error codes may be created by poor driving practices. To help prevent these from occurring, please see the next table. ⇒ *Table 15. (🗋 178)* If an error code continues to occur, contact your JCB Dealer.

To return to the normal driving screen, press the back icon **H** on the touch screen. ⇒ *Fig 194. (🗋 175)*

Note: *If the engine is overheated, cool it down slowly by idling for a few minutes. Never pour cold coolant into a hot engine. Never remove the 2-way thermostat to reduce the temperature. In that case a greater quantity of the coolant would circulate via the by-pass pipe and the temperature would get higher than before.*

Table 14.

Prefix letter	Affected Part of Machine
A	Anti-lock Brake System (ABS)
C	Central Controller (mainly external hydraulics controls)
D	Instrument cluster
G	Gearbox
M	Work Lights
P	Touch Screen
K	Engine
R	Rear 3-point Linkage
S	Suspension
U	Front 3-point Linkage
V	Electronic spool valve green slice
W	Electronic spool valve blue slice
X	Electronic spool valve brown slice
Y	Electronic spool valve grey slice

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5 Fuel

When the needle reaches the top of the red section, 10% of the total fuel capacity remains in the tank. An alarm sounds every 5 minutes until you top up the tank above the 10% level.

6 Engine Coolant Temperature

The bottom of the scale indicates 40 deg C. The the red sector of the scale indicates 105 to 120 deg C. If the needle enters the red sector, the alarm will sound and the red light **D** will come on. If this happens, stop the engine and investigate the cause of the overheating.

7 Centre Display

This display may show any one of the following messages. ⇨ *Table 2. (50)* The table shows English and a sample language but the language displayed will depend on the country to which the new machine is delivered.

Make sure that you take appropriate action as detailed on the following pages:

⇨ *Warnings (Audible/Visual) (51)*

⇨ *EMS Programming (54)*

Table 2.

English	Translation
TOTAL HOURS	TOTAL HEURE:
TOTAL MILES:	TOTAL MILES:
TOTAL KM:	TOTAL KM:
SERVICE DUE:	SERVICE:
GOODBYE	AU REVOIR
JCB FASTRAC	JCB FASTRAC
STOP NOW	ARRET IMMEDIAT
OIL PRESSURE	HUILE MOTEUR
AIR FILTER	FILTRE A AIR
ENGINE FAULT	MOTEUR DEFAUT
AUX HYDR FAULT	DEF HYDR AUX
PTO FAULT	DEFAUT PTO
CAN ERROR	CAN DEFAUT
ALTERNATOR > 16V	ALTERNATEUR > 16V
AIR FILTER BLOCKED	FILTRE A AIR
TRAILER ABS FAULT	DEFAUT ABS REM
ALTERNATOR < 2.5V	ALTERNATEUR < 2.5V
BRAKE FAULT	DEFAUT FREIN
AIR TANK 1	RESERVOIR AIR 1
AIR TANK 2	RESERVOIR AIR 2
AIR TANK 3	RESERVOIR AIR 3
PARK BRAKE FAULT	FREIN PARC DEFAUT
CAN ERROR	CAN DEFAUT
VEHICLE OPERATION	FONCTIONN. ENGIN
VEHICLE SETTINGS	PARAMETRES ENGIN
EXIT	SORTIE
TRIP DISTANCE	DISTANCE DEPLAC.
IMPLEMENT WIDTH	LARGEUR IMPL.
DASHBOARD DIMMING	ECLAIR. TABL.BORD
AREA WORKED	ZONE TRAVAILLEE
RESET TRIP	RAZ DEPLACEMENT
FIELD SELECT	SELECTION CHAMP
ACTIVE	ACTIF
FIELD	CHAMP
RESET	RAZ
ACTIVATE	ACTIVER
UNITS SETUP	UNITES
CLOCK SETUP	HEURE
LANGUAGE	LANGUE
MPH / KPH	MPH / KPH
METRIC / IMPERIAL	METRIQUE/IMPERIAL
METRIC	METRIQUE
IMPERIAL	IMPERIAL
12 / 24 HOUR	12 / 24 HEURES
TIME & DATE SETUP	REGLER HEURE/DATE
ENGLISH	FRANCAIS
DASHBOARD	TABLEAU DE BORD
HIGH SPEED MODE	ÉLEVÉ VITESSE MODE
ENABLE	PERMETTRE
DISABLE	METTRE HORS FUNCTION

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Pre-start Cold Checks, Service Points and Fluid Levels

	Operation	10 Hr	50 Hr	100 Hr(1)	500 Hr	1000 Hr	2000 Hr	4000 Hr	5000 Hr
ENGINE									
Oil level	- Check	☐	☐						
Oil and Filter (2) (4)	- Change			☐	☐	☐	☐	☐	☐
Air Cleaner Outer Element(3)	- Change					☐	☐	☐	☐
Air Cleaner Inner Element	- Change						☐	☐	
Air Cleaner Hose and Clamp Security	- Check	☐	☐	☐	☐	☐	☐	☐	☐
Air Compressor Mountings(5)	- Check				☐	☐	☐	☐	☐
Air Compressor Discharge Lines(5)	- Check						☐	☐	
Fuel Tank (4) (5)	- Drain water					☐	☐	☐	☐
Fuel Filter	- Drain water	☐	☐	☐	☐				
Fuel Filter(4)	- Change					☐	☐	☐	☐
Coolant Level	- Check	☐	☐	☐	☐	☐			
Coolant Antifreeze and Coolant Additive Concentration(5)	- Check			☐	☐	☐	☐	☐	☐
Coolant	- Change						☐	☐	
DEF Filter	- Change					☐	☐	☐	☐
Fan Belt Condition	- Check			☐	☐	☐	☐	☐	☐
Fan Belt Tensioner (5)	- Check			☐	☐	☐	☐	☐	☐
Valve Clearances (5) (6)	- Check and Adjust					☐	☐	☐	☐
Air Conditioning Compressor Belt Tension and Condition	- Check		☐	☐	☐	☐	☐	☐	☐
Engine Mounting Bolts for Tightness(5)	- Check						☐	☐	
Radiator and Coolers	- Clean	☐	☐	☐	☐	☐	☐	☐	☐
Charge Air Cooler Hose and Clamp Security	- Check	☐	☐	☐	☐	☐	☐	☐	☐
Charge Air Cooler	- Check							☐	
Turbocharger(5)	- Check							☐	
Engine	- Steam Clean						☐	☐	
TRANSMISSION, AXLES AND STEERING									
Transmission Oil Level	- Check	☐	☐	☐	☐				
Transmission Oil(7)	- Change					☐	☐	☐	☐

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Table 2. Permitted Tyre Size Combinations

Front Tyre Size	Rear Tyre Size
540/65 R34	650/65 R38
540/65 R38	710/70 R38
540/65 R38	650/75 R38

Adjustable Track Width

Table 3. Track Widths

FRONT			REAR		
Tyre Size	**Narrow Track mm (in)**	**Wide Track mm (in)**	**Tyre Size**	**Narrow Track mm (in)**	**Wide Track mm (in)**
540/65 R34	1990 (78)	2256 (89)	650/65 R38(1)	1900 (75)	2076 (82)
540/65 R34	1990 (78)	2256 (89)	650/65 R38(2)	1776 (70)	2200 (87)
540/65 R38	1990 (78)	2256 (89)	650/75 R38	1834 (72)	2142 (84)
540/65 R38	1990 (78)	2256 (89)	710/70 R38	1834 (72)	2142 (84)

(1) 650/65 R38 tyres fitted to standard wheel rims part number 41/940240. The part number is stamped on the same side of the wheel as the tyre valve is fitted.
(2) 650/65 R38 tyres fitted to special wheel rims part number 41/940324. The part number is stamped on the same side of the wheel as the tyre valve is fitted.

To obtain an alternative track width, it is possible to move the wheels from one side of the machine to the other and reverse the wheels on the hubs. The dimensional change to the track width will vary according to the size of wheels and tyres fitted ⇒ *Table 3. Track Widths (281)*.

The 'V' of the tyre tread pattern must always point forward when at the top of the wheel. Tighten the wheel to axle hub nuts ⇒ *Wheel Nut Torque (282)*.

Note: *Changing to the wide track setting may result in an overall vehicle width that is greater than that allowed by your local legislation. Make sure you will be obeying all pertinent laws and regulations before using the machine on public roads.*

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Cab Layout

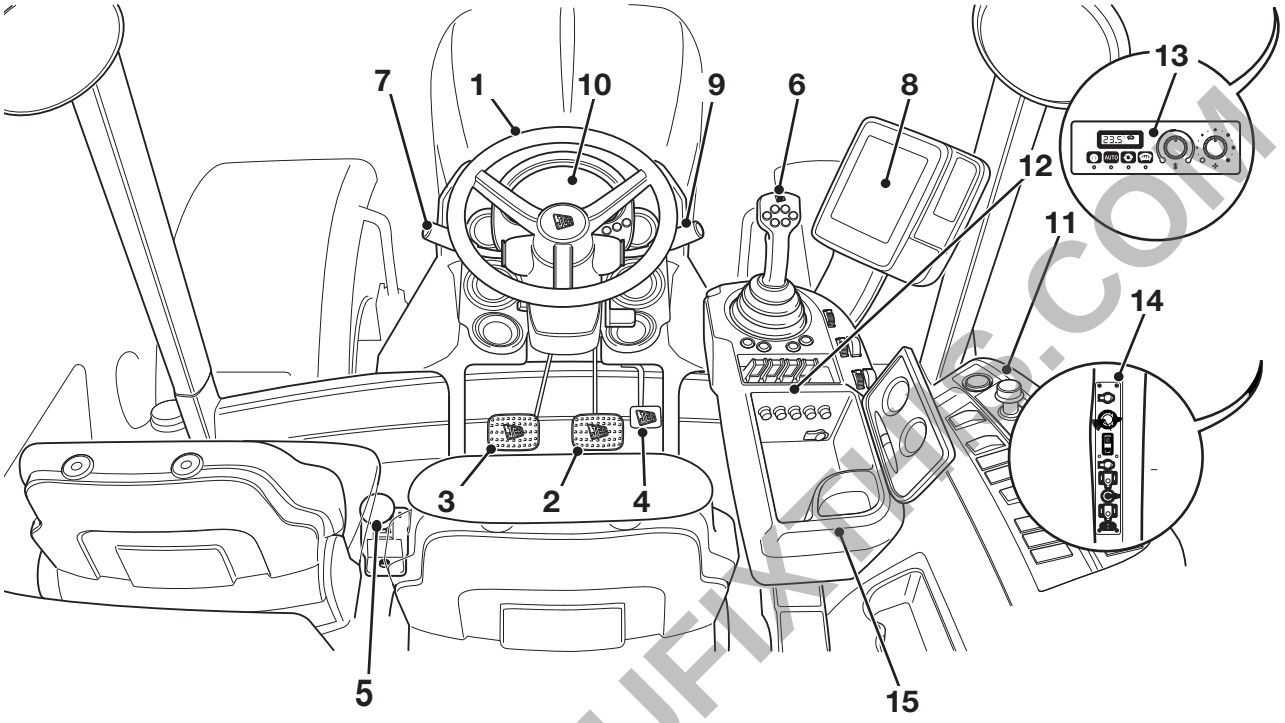


Fig 17.

The cab is certified to category 1 according to EN 15695-1-2009

1 Steering Wheel

2 Brake Pedal

Push down on the brake pedal to slow or stop the machine. The stop lights should operate when the brake pedal is applied. Do not operate the machine unless the stop lights work correctly.

3 Clutch Pedal

Note: *Do not rest your foot on either the clutch or brake pedal unless you are using these controls. Otherwise increased component wear may result.*

4 Accelerator Pedal

Gently depress the pedal to increase engine speed. Release to reduce the speed.

5 Park Brake Lever

Use this lever to engage the park brake before leaving the machine. With the park brake engaged, an indicator on the instrument panel will light.

A three-position lever is fitted. To engage, ⇨ *Parking the Machine (🗋 85)*. To release, ⇨ *Getting the Machine Moving (🗋 65)*.

⚠ DANGER

Leaving the machine in gear will not prevent it running away. Do not leave the driving seat under any circumstances unless the park brake is on.

13-2-1-10

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Operation

Introduction

The aim of this part of the manual is to guide the operator step-by-step through the task of learning how to operate the machine efficiently and safely. Read the OPERATION section through from beginning to end.

Pay particular attention to all safety notices. They are there to warn you of possible danger. Do not just read them; think about what they mean. Understand the dangers and how to avoid them.

Before starting the machine, sit in the driver's seat and familiarise yourself with the layout of the cab. Use your manual to identify each control lever, switch, gauge, button and pedal. Do not guess. If there is anything you do not understand, ask your JCB Distributor. He will be pleased to advise you.

When you have learned where the driving controls are and what they do, practise using them. Practise driving the machine in a safe open space, clear of other people and any obstructions. Get to know the 'feel' of the machine and its controls. Attach implements only when you have learned to drive the machine confidently and safely. When travelling on the road for the first time, do not attach implements. First get to know the 'high speed feel' of the steering and brakes.

Your Fastrac is equipped with an Anti-lock Braking System (ABS). Take time to become familiar with the feel of the machine before commencing work, even if you have had experience of ABS on a different vehicle. ⇨ ***Anti-lock Braking System (ABS) (84)***.

The operator must always be aware of events happening outside the cab as well as inside the cab. Safety must always be the most important feature when operating the JCB. Finally, do not rush the job of learning, make sure you fully understand everything in the OPERATION section. Take your time and work efficiently and safely.

Remember

BE CAREFUL

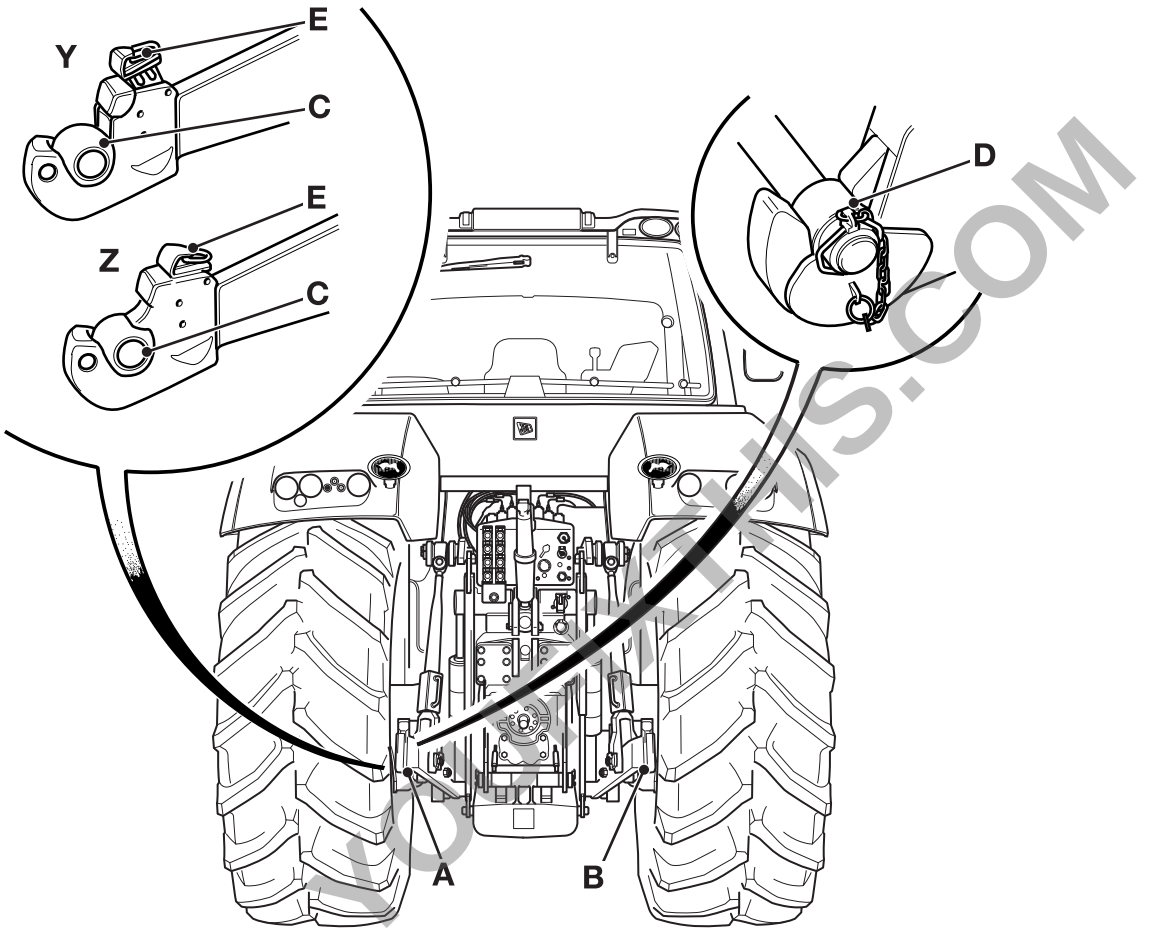
BE ALERT

BE SAFE

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Rear 3-point Linkage Mechanical Connections and Adjustment



C068560-B7

Fig 80.

⚠ WARNING

Hitching Trailers and Equipment

When the vehicle is approaching a trailer or equipment to be hitched, make sure that no persons are present between vehicle and trailer or equipment. When mounting equipment at the rear of the vehicle, you must ensure that proper steering control is maintained. The machine must never be loaded such that less than 20% of the vehicle weight is carried on the front axle.

13-1-1-13_1

Linkage Type

The three-point linkage supplied is Category 3 with hook type link ends.

Plain balls **C** and those with guide cones **D** are available to suit the variety of implement hitch pins.

Implement Attachment

The hooks **A** and **B** on the lower links engage from underneath onto balls **C** or **D** which have previously been fitted to the implement hitch pins.

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Operating Environment

⚠ WARNING

In cold start conditions of below 32°F (0°C), avoid running the engine above 1000 rev/min or operation of the hydraulic system during the first three minutes after start up. The engine speed will be limited to a maximum of 1500 eng rpm for a period of time until the hydraulic system has warmed up to a suitable operating temperature. This is to avoid damage to the hydraulic system.

13-2-2-20

Operating in Low Temperatures

T3-069_2

In low temperature situations, take the following precautions. They will make for easier starting and prevent possible damage to your machine.

1 Use the correct viscosity engine lubricating oil.

2 If available use a low temperature diesel fuel.

3 Use the correct coolant mixture.

4 Keep the battery at full charge.

5 Fill the fuel tank at the end of each work period. This will help to prevent condensation forming on the tank walls.

6 Protect the machine when not in use. Park the machine inside a building or cover it with a tarpaulin.

7 Install a cold weather starting aid. In very low temperatures, -18°C (0°F) and below, additional starting aids may be needed. Examples are fuel, oil and coolant heaters. Ask your JCB distributor for advice.

Important: *Do not connect two batteries in series to give 24 volts for starting as this can cause damage to the electrical circuits.*

8 Remove snow from the engine compartment before starting otherwise snow could get into the air filter.

Using the Engine and Gearbox Heaters

⚠ WARNING

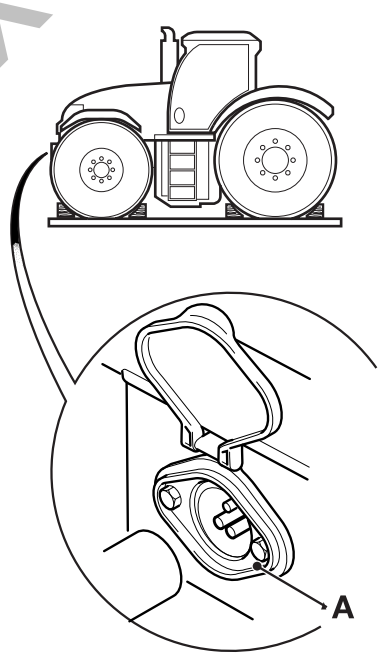
Never use an ungrounded or damaged power cord. Ensure that the power supply and cord are adequate for the heater. The power cord must be rated for at least a 15A load and protected by a circuit breaker. Always ensure that power is switched off before connecting or disconnecting the power cord. You could be electrocuted if you do not take these precautions.

13-2-3-3

⚠ WARNING

Always remember to unplug the power cord before starting the engine.

13-2-3-4



C017800-B3

Fig 197.

The heater voltage will be either 120 or 240 Volts depending upon the country for which the machine has been built. Electrical connection to both heaters is through socket **A**. ⇨ *Fig 197. (🗋 180)* There is no switch or fuse

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Routine Maintenance

Service Requirements

Introduction

T3-095

Your machine has been designed and built to give maximum performance, economy and ease of use under a wide variety of operating conditions. Prior to delivery, your machine was inspected both at the Factory and by your Distributor to ensure that it reaches you in optimum condition. To maintain this condition and ensure trouble free operation it is important that the routine services, as specified in this Manual, are carried out by an approved JCB Distributor at the recommended intervals.

This section of the Manual gives full details of the service requirements necessary to maintain your JCB machine at peak efficiency.

A Service Manual for your machine is available from your JCB Distributor. The Service Manual contains information on how to repair, dismantle and assemble your machine correctly.

It can be seen from the Service Schedules on the following pages that many essential service checks should only be carried out by a JCB trained specialist. Only JCB Distributor Service Engineers have been trained by JCB to carry out such specialist tasks, and only JCB Distributor Service Engineers are equipped with the necessary special tools and test equipment to perform such tasks, thoroughly, safely, accurately and efficiently.

JCB regularly updates its Distributors advising them of any product developments, changes in specifications and procedures. Therefore only a JCB Distributor is fully able to maintain and service your machine.

A Service Record Sheet or Book is provided which will enable you to plan your service requirements and keep a service history record. It should be dated, signed and stamped by your Distributor each time your machine is serviced.

Remember, if your machine has been correctly maintained, not only will it give you improved reliability but its resale value will be greatly enhanced.

Owner/Operator Support

JCB together with your Distributor wants you to be completely satisfied with your new JCB machine. If you do encounter a problem however, you should contact your Distributor's Service Department who are there to help you!

You will have been given the names of the relevant service contacts at your Distributor when the machine was installed.

To get the most from your Distributor please help them to satisfy you by:

1 Giving your name, address and telephone number.

2 Quoting your machine model and serial number.

3 Date of purchase and hours of work.

4 Nature of the problem.

Remember, only your JCB Distributor has access to the vast resources available at JCB to help support you. In addition, your Distributor is able to offer a variety of programmes covering Warranty, Fixed Price Servicing, Safety Inspections, including weight tests, covering both legal and insurance requirements.

Service/Maintenance Agreements

To help plan and spread the costs of maintaining your machine, we strongly recommend you take advantage of the many Service and Maintenance Agreements your Distributor can offer. These can be tailor made to meet your operating conditions, work schedule etc.

Please consult your JCB Distributor for details.

Obtaining Replacement Parts

T3-096

If you use non-genuine JCB parts or consumables, then you can compromise the health and safety of the operator and cause machine failure

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only be correct if the correct implement width has been entered. ⇨ *Table 3. (55)*

h Wheel slip (if radar fitted).

The wheel slip setting is controlled on the touch screen. ⇨ *Wheel Slip (164)* The wheel slip display on the front instrument panel shows the actual measured wheel slip. ⇨ *Wheel Slip Displays (56)*

i Fuel usage, fast update (in litres or US gallons per hour). The average consumption over the last 5 seconds (shown with suffix A).

j Fuel usage, since last reset (in litres or US gallons per hour). The average consumption since last reset (shown with suffix B)

k Fuel used per area worked (in litres/ha or litres/ac or US gallons/ac). The fuel used per area worked since the last reset.

l DEF Level.

2 Press the Enter button **Z** then press the Up button **X** or Down button **Y** to select either the `VEHICLE OPERATION' or `VEHICLE SETTINGS' menu. These menus allow access to the various sub-menus as shown in the table. ⇨ *Table 3. (55)* You can then reset displays and select attributes such as whether the display is in metric or imperial.

Table 3.

Button	Menu	Sub-Menu	Choices
Enter	VEHICLE OPERATION	Trip measurement	Reset trip
			Trip fuel reset
		Implement Width	Set each digit of the display to show a maximum width of 50 metres.
		Dashboard	Dashboard dimming. Set the light level between 10 and 100% of maximum.
			High speed mode enable/disable.
		Area Worked	Select area worked in any one of 25 fields or select `ALL' to display the total of all fields worked.
Enter	VEHICLE SETTINGS		
		Units setup	kph or mph
			metric, imperial or US gallons
		Clock setup	12 or 24 hour
			Time and Date
		Language	Select from the two languages available: Language 1 as set by the JCB Dealer or Language 2 which is always English.

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4 Insert the clevis drawbar **D** in the the pick-up hitch frame in place of the hook. Refit pins **B** and **C**.

5 If the implement drawbar is a single plate, fit the cranked plate **E** to the Fastrac drawbar. ⇨ *Fig 107. (116)* Ensure that bolts are fitted with their heads at the bottom so as to allow maximum ground clearance.

6 If the implement drawbar has a clevis jaw (i.e. two plates, one above the other) remove the cranked plate **E** from the Fastrac drawbar. Never connect two clevis jaws together.

⚠ WARNING

Make sure all drawbar pins are properly fitted otherwise an implement or trailer could become detached and cause injury and damage.

13-1-1-30

7 Raise the pick-up hitch so that the latch is heard to engage and lower slightly until the latch is carrying the weight of the hitch and drawbar.

8 Place hook in the stowage in stowage position in the right hand pannier and secure with retaining pin **G** and clip **F**.

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Error Code	Fault	Corrective Action
K4077	Fuel inlet temperature high	Check the fuel cooler is clean and clear of contamination. ⇒ *Cleaning the Machine (213)*
K4178	DEF tank empty.	Refill the DEF tank. ⇒ *Filling with Diesel Exhaust Fluid (DEF) (184)*
K4179	DEF tank level low.	Refill the DEF tank. ⇒ *Filling with Diesel Exhaust Fluid (DEF) (184)*
P0300	Accelerator pedal plausibility error.	Do not press the accelerator pedal when starting the engine.
P0443	Operator not present warning	Do not leave the seat without applying the park brake. ⇒ *Fig 43. (69)*

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Battery Isolator (if fitted)

To disconnect the battery from the machine electrics a battery isolator has been fitted.

⚠ CAUTION

Before carrying out arc welding on the machine, disconnect the battery and alternator to protect the circuits and components. The battery must still be disconnected even if a battery isolator is fitted.

INT-3-1-13

At the end of a working cycle or if the machine is being left unattended, provided the lights are not required, the battery must be isolated. Before attempting to start the engine or use the machine electrics the battery isolator key must be fitted and switched on.

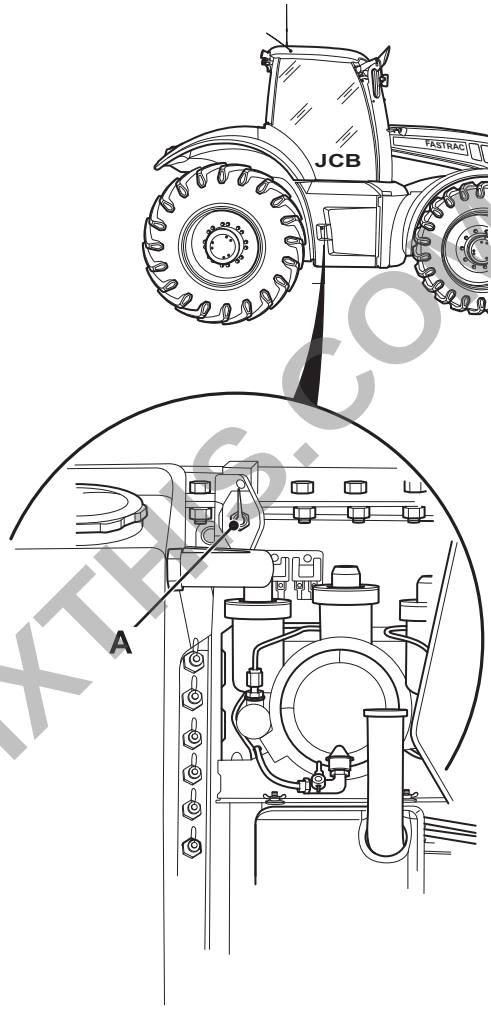
Note: *You must wait for 2 minutes after you have switched off the ignition before you isolate the battery.*

1 Open the right hand pannier. ⇒ ***Access Panels (228)***

2 To isolate the battery, turn the battery isolator key **A** counter clockwise and remove it. Keep the key in a safe place and available for when the machine is next required.

3 To connect the battery, insert the key **A** and turn clockwise.

4 Close the pannier.



C100330-B3

Fig 28.

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