Component Locations

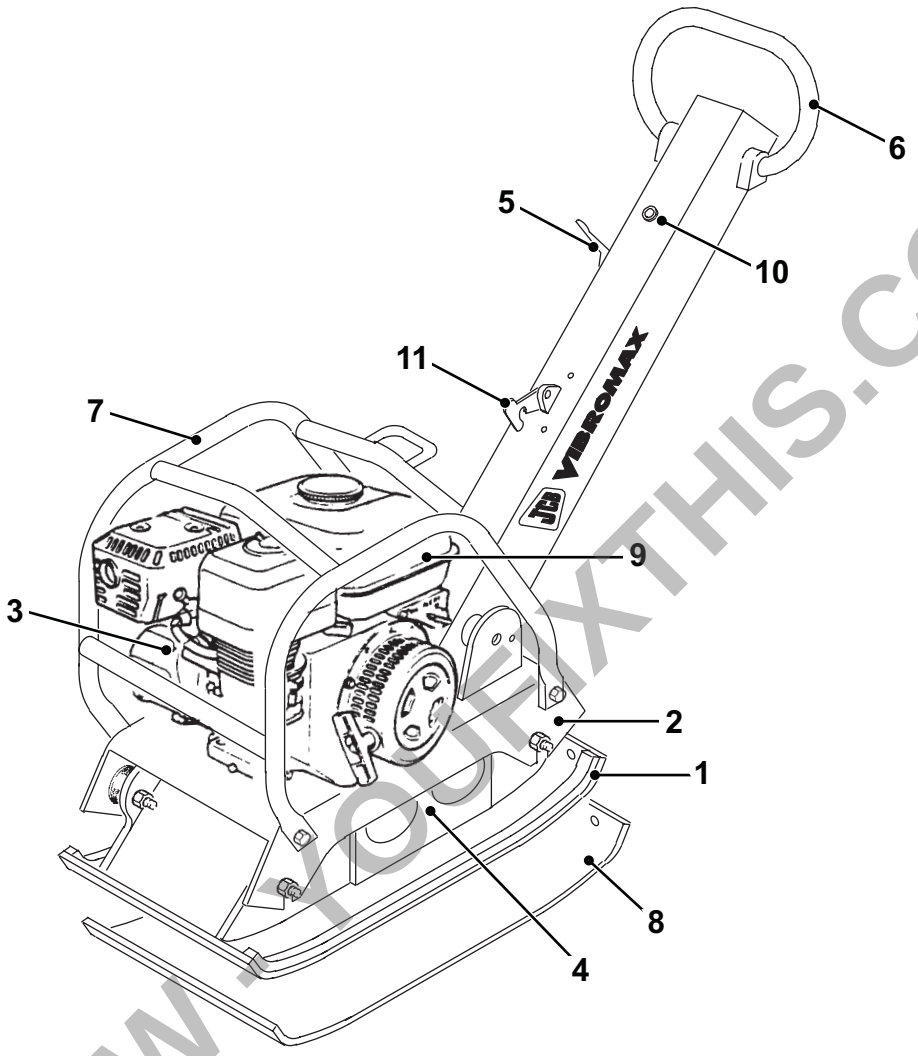


Fig 3.

1 Tamping plate
2 Engine chassis
3 Engine
4 Exciter mechanism
5 Speed/direction control
6 Operator handle and guide bar
7 Roll-over protection frame
8 Plate damper (paving stone protection mat)
9 Fuel tank
10 Fill point for hydraulic fluid
11 Guide bar latch (when transporting)

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Fitting Plate Dampers

1 Park the machine on level, solid ground.

2 Position the plate damper **A** on a level surface.

3 Align the machine central on top of the plate damper.

4 Bend up the ends of the plate damper **A** and secure with bolts **B** as shown. Ensure that the plate damper is kept flat against the tamper plate. Torque tighten the bolts.

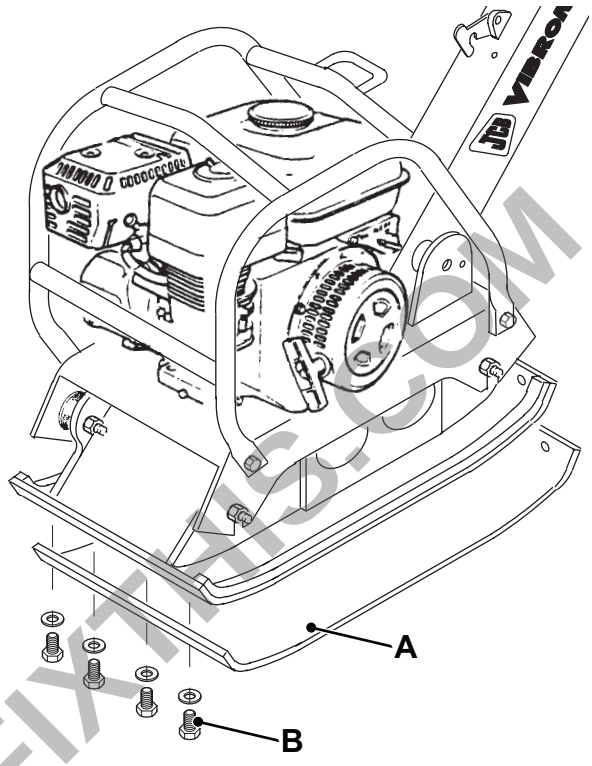


Fig 7.

Table 2. Torque Settings

B	43 Nm (31.7 lbf ft)

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Starting the Engine

⚠ WARNING

Exhaust Gases

Breathing the machine exhaust gases can harm and possibly kill you. Do not operate the machine in closed spaces without making sure there is good ventilation. If possible, fit an exhaust extension. If you begin to feel drowsy, stop the machine at once and get into fresh air.

INT-2-1-10_2

Note: *For more information, refer to the engine manufacturers operator manual.*

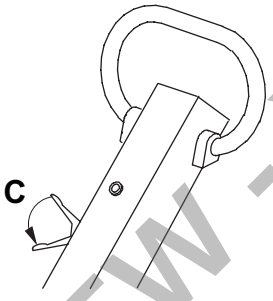
1 Read and comply with ***Before Starting The Engine***.

2 Ensure the fuel valve lever **A** is set to the 'OPEN' position.

3 If the engine is cold, move the choke lever **B** to the 'CLOSE' position.

Note: *Do not use the choke if the engine is warm.*

4 Push the throttle lever **C** forward a small amount.



C097530

Fig 1.

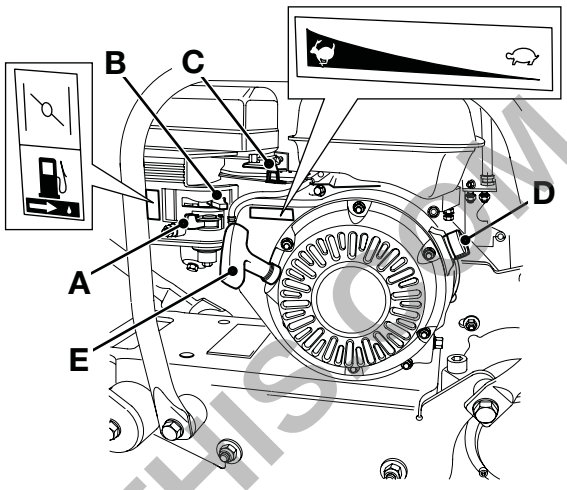
5 Set the engine switch **D** to the 'ON' position.

6 Hold the recoil starter handle **E** firmly and pull briskly out.

7 Return the cord slowly.

8 When the engine has started, set the throttle lever to 'idling' speed. Allow the engine to operate for one to two minutes.

If the engine has been started from cold, gradually move the choke lever to the 'OPEN' position.



C098370

Fig 2.

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Fluids, Lubricants and Capacities

Table 1.

FILLING CAPACITY Litres (UK Gal)	VMP 8	FLUID/LUBRICANT	INTERNATIONAL SPECIFICATION
Fuel Tank	2.0 (0.44 UK gal)	Unleaded Petrol	EN 590
Engine Oil	0.6 (1.0 UK pint)	SAE 15W-40	API-CD or later
Exciter Drive Oil	0.7 (1.2 UK pint)	SAE 15W-40	API-CD or later
Shift Cylinder Oil (forward/reverse)	0.2 (0.3 UK pint)	HLP 46	DIN 51524

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Service Schedules

Introduction

A badly maintained machine is a danger to the operator and the people working around him. Make sure that the regular maintenance and lubrication jobs listed in the service schedules are done to keep the machine in a safe and efficient working condition.

⚠ WARNING

Maintenance must be done by suitably qualified personnel. Before attempting any maintenance work, make sure the machine is safe. Park on level ground.

12-5-1-1

Do not use a machine which is due for a service. Make sure any defects found during the regular maintenance checks are rectified immediately.

If the machine is operated under severe conditions (high temperature, dust, water, etc.), shorten the intervals.

Important: *The vibrating plate should be checked regularly in order to ensure that it is in proper working condition and that the screw connection are secure.*

Calendar Equivalents

Every 10 Hours = Daily

Every 50 Hours = Weekly

Every 150 Hours = Monthly

Every 500 Hours = Yearly

How to Use the Service Schedules

T3-012_3

In the example shown, **A** shows all service requirements to be carried out every 10 hours and **B** shows the requirements to be carried out every 500 hours.

Important: *Services should be carried out at either the hourly interval or calendar interval, whichever occurs first. Refer to* ***Calendar Equivalents****.*

Pre-start Cold Checks, Service Points and Fluid Levels

Operation		A: 10	50	100[1]	B: 500	1000	2000	8000
ENGINE								
Coolant Quality and Level	- Check	□	□	□	□	□		
Cooling System	- Drain and Refill						□	□
Oil level	- Check	□	□					
Oil and Filter[2][3][4]	- Change				□	□	□	□
Air Cleaner Dust Valve[5]	- Change				□	□	□	□
Air Cleaner Outer Element[5]	- Change					□	□	□
Air Cleaner Inner Element	- Change						□	□
Pre-Cleaner (if fitted)	- Check			□				
Water Seperator	- Check for contamination and Drain		□	□	□	□	□	□
Engine Fuel Filter	- Change					□	□	□
Front End Accessory Drive (FEAD) Belt Condition	- Check				□	□	□	□
Front End Accessory Drive (FEAD) Belt	- Change							□
Engine Mounting Bolts for Tightness	- Check			□	□	□	□	□
All Hoses - Condition	- Check			□	□	□	□	□
Radiator[5]	- Clean				□	□	□	□
Crankcase Ventilation Filter	- Change					□	□	□

795390-1

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Getting the Machine Moving

Operating Practices

The following instructions should be observed under all circumstances during operation of the vibrating plate:

- When moving the machine, keep it under control at all times. Stay alert for obstructions and possible hazards.
- The machine operator must not leave the machine unattended.
- Due to its method of operation, the vibrating plate causes vibrations and shocks in the ground. The user must make sure that building structures, pipes and other facilities in the vicinity are not damaged by the vibrations.
- Refuel only with the engine switched off.
- Operation of the machine on rock, concrete or any other firm, non-compactible ground is not recommended.
- If you find a defect in the operating or safety equipment, then you must stop the vibrating plate immediately.

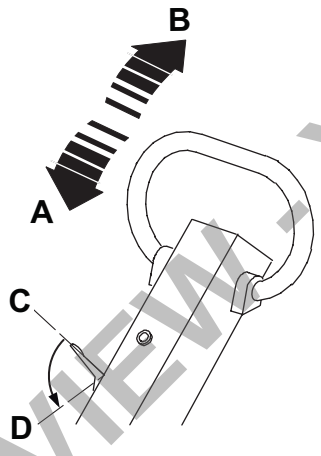


Fig 3.

A Forward
B Reverse
C Idling
D Full speed

Operating Procedure

After you have warmed up the engine, move off as described below:

1 Put the speed/direction control into 'forward' or 'reverse', then set the throttle lever to 'full' speed.

2 Hold the operator handle with both hands. Using the operator handle, guide the machine over the material to be compacted.

Note: *The machine should only be operated at maximum speed. Lower speeds may destroy the centrifugal clutch, reduce compaction performance and effect HAV levels.*

3 The propelling force of the machine is such that additional pushing is not necessary. It does, however, depend on the type of material to be compacted (grain size, bulk density), evenness of the soil, gradient etc.

4 Steer the machine by moving the operator handle sideways. When the operator handle is in an upright position, the machine may be turned round.

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Transporting the Machine

⚠ WARNING

The safe transit of the load is the responsibility of the transport co ntractor an d d river. An y ma chine, attachments or parts th at may mov e during tran sit must be adequately secured.

5-2-5-9

Note: *Before transporting the machine make sure you will be obeying the rules and laws of all the areas that the machine will be carried through.*

Make sure that the transporting vehicle is suitable. Refer to ***Dimensions*** (SPECIFICATIONS s ection) for the dimensions of your machine.

1 Place blocks at thefront and rear of the trailer wheels.

2 Lift the machine onto the trailer. Refer to ***Lifting the Machine***.

Ensure th e guid e bar is locked in the transport position **A** as shown.

3 Anchor the machine to the trailer with chains.

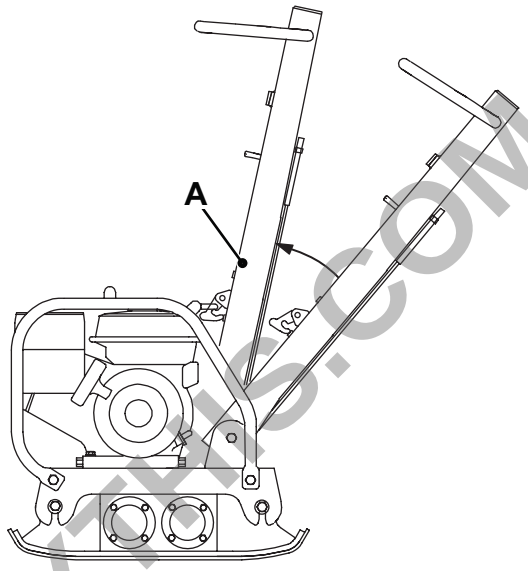
Note: *Look for the Safety Label (shown below) to identify the correct positions.*



C057650

Fig 7.

4 Measure the ma ximum he ight of the machin e from the ground. Make sure the truck driver kno ws the clearance height before he drives away.



C105600

Fig 8.

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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, carefuly 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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