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⚠ WARNING

Study This Handbook Before Starting The Machine

You must understand and follow the instructions in this handbook. You must observe all relevant laws and regulations. If you are unsure about anything, ask your JCB distributor or employer. **Do not guess**, you or others could be killed or seriously injured.

INT-1-1-1

In this handbook and on the machine there are safety notices. Each notice starts with a signal word. The meanings of the signal words 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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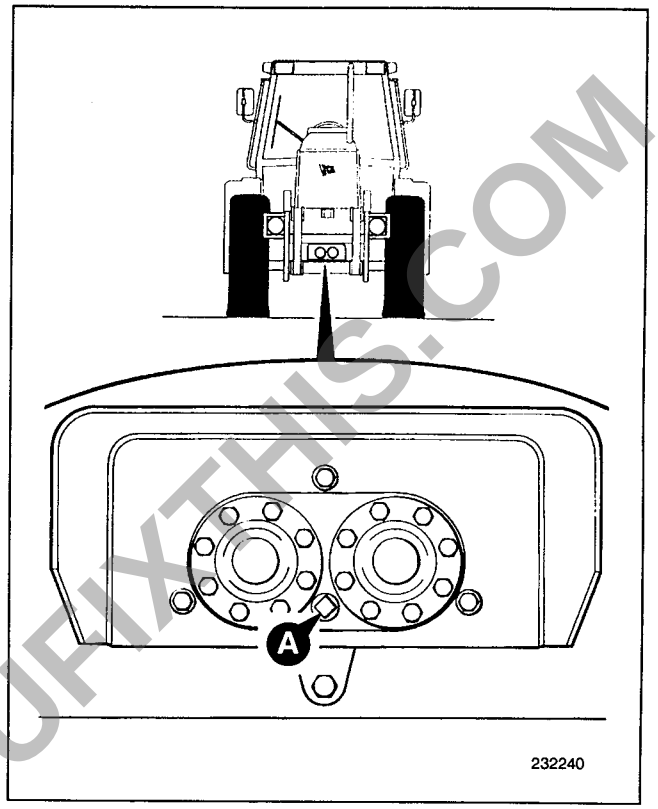
FRONT PTO TRANSFER GEARBOX (OPTIONAL)

Checking the Oil Level

1 Park the machine on firm, level ground. Engage the parking brake. Lower the equipment. Stop the engine.

2 Remove level plug **A** and check that oil level is up to the bottom of the hole.

Add recommended oil, if necessary. See ***Fluids, Lubricants and Capacities*** for recommended oil.



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ENGINE COOLING SYSTEM (continued)

Cleaning the Radiator

If the radiator tubes or fins become clogged, the radiator will be less efficient.

1 Stop the engine.

⚠ WARNING

Make sure the engine cannot be started. Disconnect the battery before doing this job.

2-3-3-5

2 Release fasteners **A** (one each side) and lift out grille **B**.

3 Remove nuts **C** and **D**. Swing the coolers and condensor **E** forwards and downwards.

4 Clean the radiator

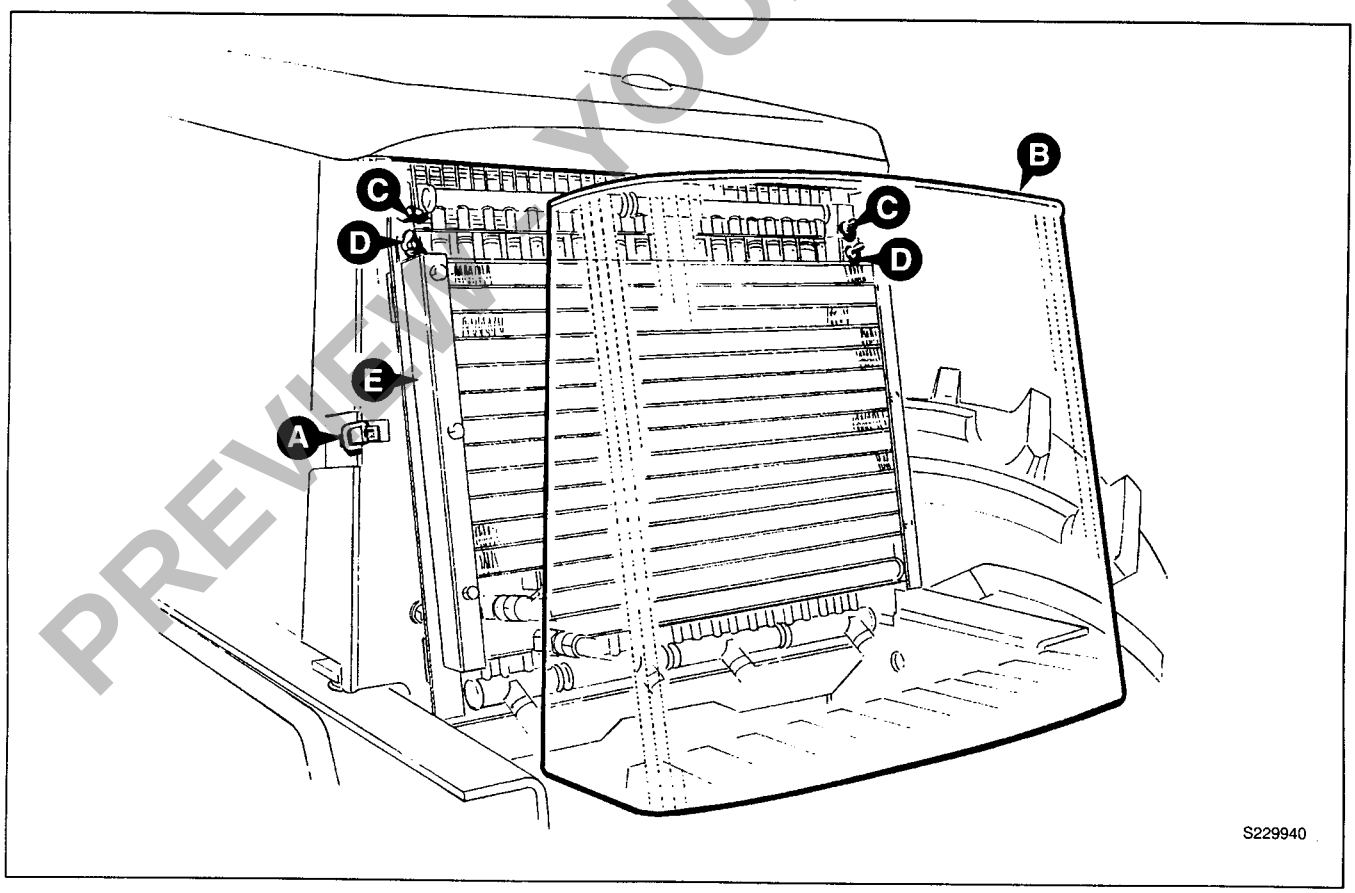
Brush off all debris from the tubes and fins of the radiator, coolers and condensor. Make sure all the loosened material is brushed out of the radiator enclosure.

5 Secure the coolers

Reposition the coolers and the condensor. Refit nuts **C** and **D**.

6 Refit the Grille

Refit the grille and secure with fasteners **A**.



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SWITCHES

Using the Warning Light Test Switch (daily)

1 Make sure the parking brake is engaged and the transmission and PTO's are in neutral.

2 Insert the starter key in the starter switch and turn to **IGN.**

3 An alarm will sound and the following lights will be illuminated:

N No-charge.
P Engine oil pressure low.

⚠ CAUTION

Do not use the machine if any of the warning lights do not illuminate. Have the fault rectified immediately.
4-2-1-3

4 Press test switch **K.**

5 The following lights will now also be illuminated:

R Brake fluid level low
T Three brake circuits (low pressure).

6 Release test switch **K.**

⚠ CAUTION

All the warning lights should go out when the engine is started. Rectify any faults immediately.
4-2-1-4

Note: *The brake circuit low pressure lights will only go out when the pressure has had time to build up.*

Column-mounted Switch

1 **Direction Indicators (Right)**
Pull the lever towards you as at **U** to indicate a right turn. Switch the indicators off when you have completed the turn. Functions only with the starter switch turned on.

2 **Direction Indicators (Left)**
Push the lever away from you as at **V** to indicate a left turn. Switch the indicators off when you have completed the turn. Functions only with the starter switch turned on.

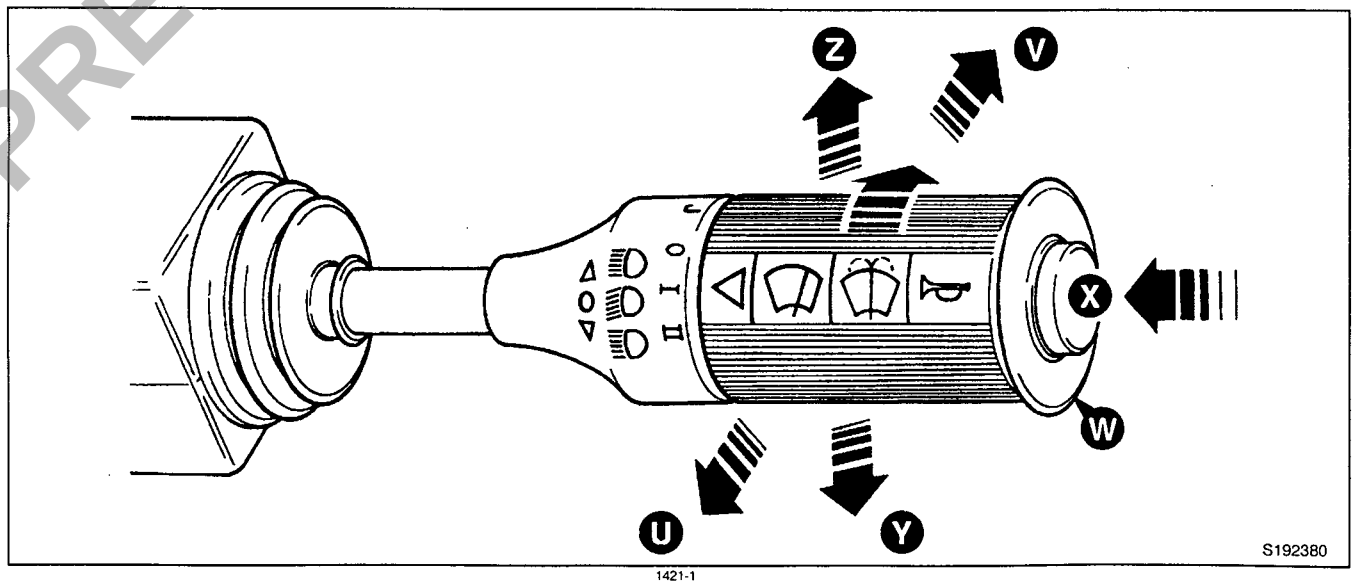
3 **Front Windscreen Wiper**
Rotate the lever barrel to switch the windscreen wiper on and off. The following functions are available (only with the starter switch turned on).

Switch Position
J Intermittent Wipe
I Slow
II Fast
0 Off (wiper self-parks to bottom of screen)

4 **Front Windscreen Washer**
Press the collar **W** to operate the windscreen washer. Functions only with the starter switch turned on.

5 **Horn**
Push the button **X** towards the steering wheel to operate the horn. Functions only with the starter switch turned on.

6 **Headlight/Mainbeam**
Push the lever down as at **Y** for main beam. Centre position is dipped beam. These two functions only apply when the side/head lights switch is on. Pulling the lever towards you as at **Z** flashes the main beam when the side/headlights switch is either on or off.



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SEATS

Driver's Seat

The driver's seat can be adjusted for your comfort. A correctly adjusted seat will reduce fatigue. Position the seat so that you can comfortably reach the controls. Adjust the seat so that you can depress the brake pedal fully with your back against the backrest.

⚠ WARNING

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

Fore/Aft

1 Lift handle **A** upwards and slide the seat forwards or backwards to the required choice of nine positions.

2 Release handle **A,** make sure the seat has locked into position.

Height (front)

1 Lift handle **B** upwards and raise or lower the front of the seat cushion to required height (there are five settings).

2 Release handle **B** at required height adjustment, make sure the seat has locked into position.

Height (rear)

1 Lift handle **C** upwards and raise or lower the rear of the seat cushion to required height (there are five settings).

2 Release handle **C** at required height adjustment, make sure the seat has locked into position.

Backrest Angle

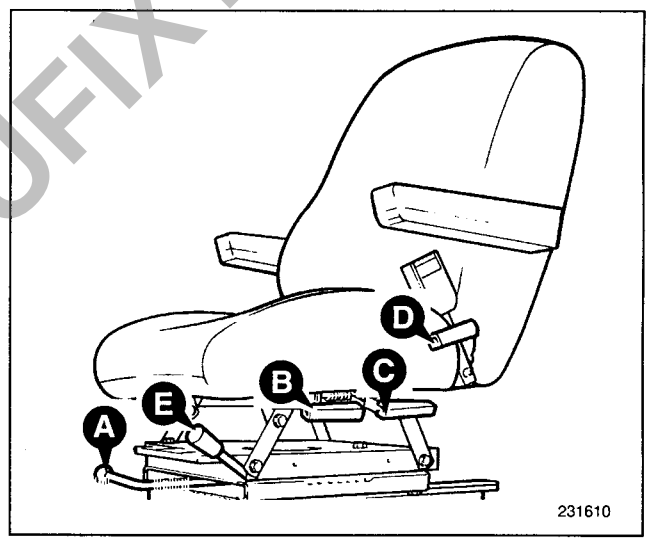
1 Sit in the seat and press your back firmly against the backrest.

2 Raise lever **D,** and put the backrest to the angle you want.

3 Release lever **D** make sure the backrest has locked into position.

Swivel

Pull back lever **E** and swivel the seat, ensuring that it latches positively in the desired position.



Optional Suspension Seat

With the exception of the swivel feature, the suspension seat shown opposite has the same controls as the standard seat plus the following additions:

Lumbar Support.

Turn knob **X** in the direction of the arrow on the knob until the lower part of your back is comfortably supported.

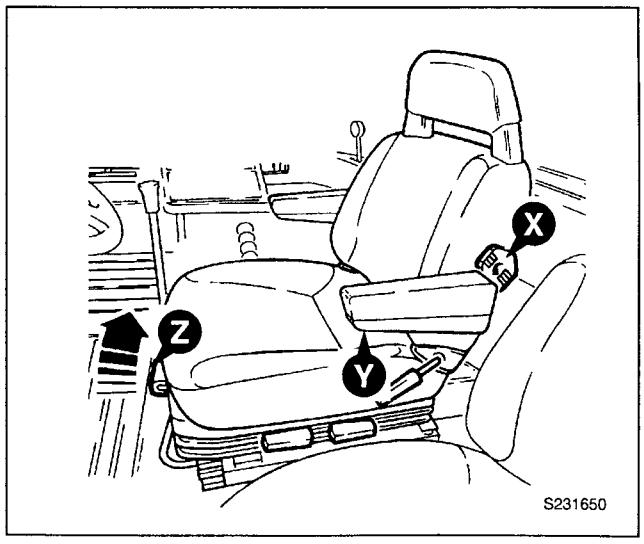
Armrest Angle

Raise the armrest slightly to relieve the load on the mechanism then turn the wheel **Y** under the end of the armrest until the angle is comfortable.

Suspension Lockout

With handle **Z** in the position shown (nearly horizontal), the air suspension will function and provide additional comfort when operating on uneven ground.

When travelling on the road, the seat belt must be worn. Handle **Z** must then be turned in the direction of the arrow to lock the suspension in the mid position and prevent the seat belt from causing discomfort.



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DRAWBARS AND HITCHES

Pick-up Hitch (PUH)

This is used for towing heavy trailers which need frequent attaching and detaching.

Maximum vertical load: 3000kg (6600 lb)

Note: *The hook **A** can be removed and replaced by a clevis drawbar as shown on the next page.*

Lowering

1 Start the engine.

2 Activate the electronic linkage control panel by moving the main control lever to lift and then lower (See ***Electronic Linkage Control***). Use the lift button to fully raise the linkage which will unlatch the hitch **A**.

3 Move the hitch release lever to unlatched position **B** and whilst holding the lever, operate the lower button to lower the hitch to the ground. Return lever to position **C**.

Lifting

1 Reverse up to the trailer and align the hook with the trailer drawbar.

⚠ WARNING

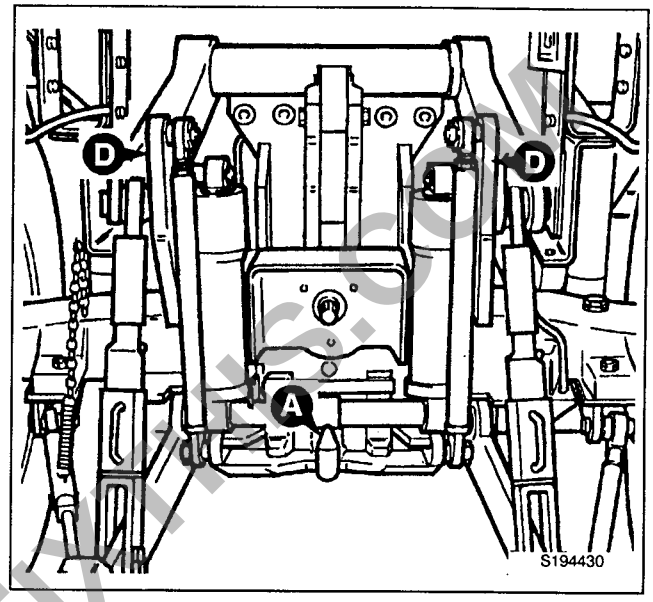
When the vehicle is approaching a trailer or equipment to be hitched, make sure that no persons are present between vehicle and trailer or equipment. When mounting equipment at the rear of the vehicle, you must ensure that proper steering control is maintained. The reduction of front axle loading must not exceed 80%.

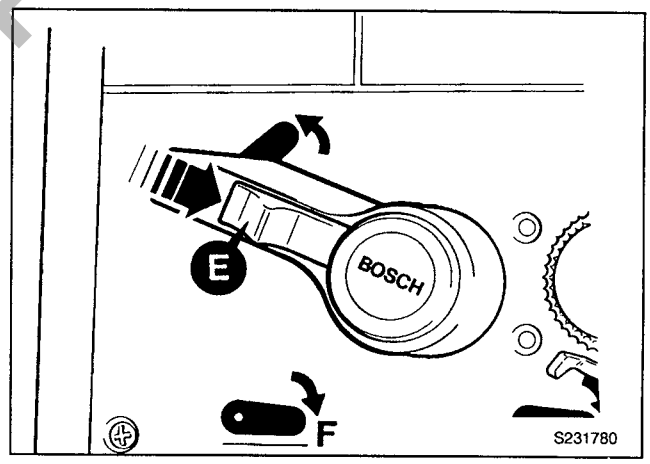
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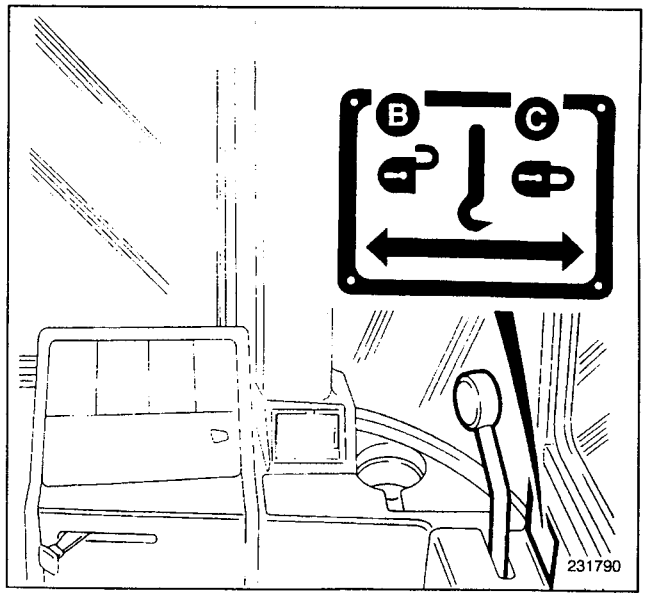
2 Press the lift button and hold it until the linkage is fully raised and the hitch is heard to latch.

3 Lower the linkage slightly to allow the trailer weight to be carried by the hitch latches.

Note: *Avoid lowering the link arms **D** too far otherwise they may foul on the trailer drawbar. It is advisable to lock the arms at a suitable height using the transport lock **E** particularly if the machine is going to be used for a long time without detachment.*



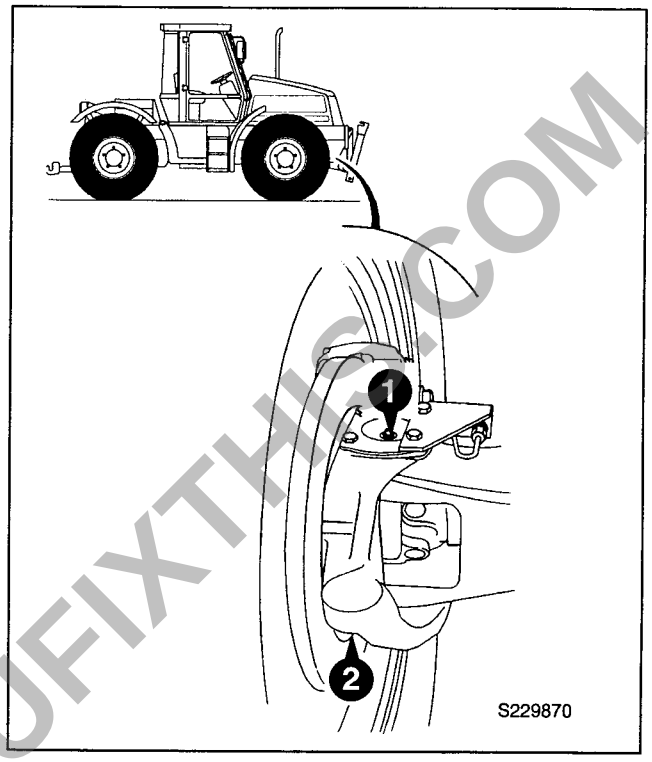




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GREASING (continued)

Read the first page on Greasing for general information about greasing.



Steering Swivels

⚠ WARNING

Make the machine safe before getting beneath it. Do the following: Park on level ground. Engage the parking brake. Lower any mounted implements to the ground. Stop the engine, remove the starter key, disconnect the battery. Chock the wheels.

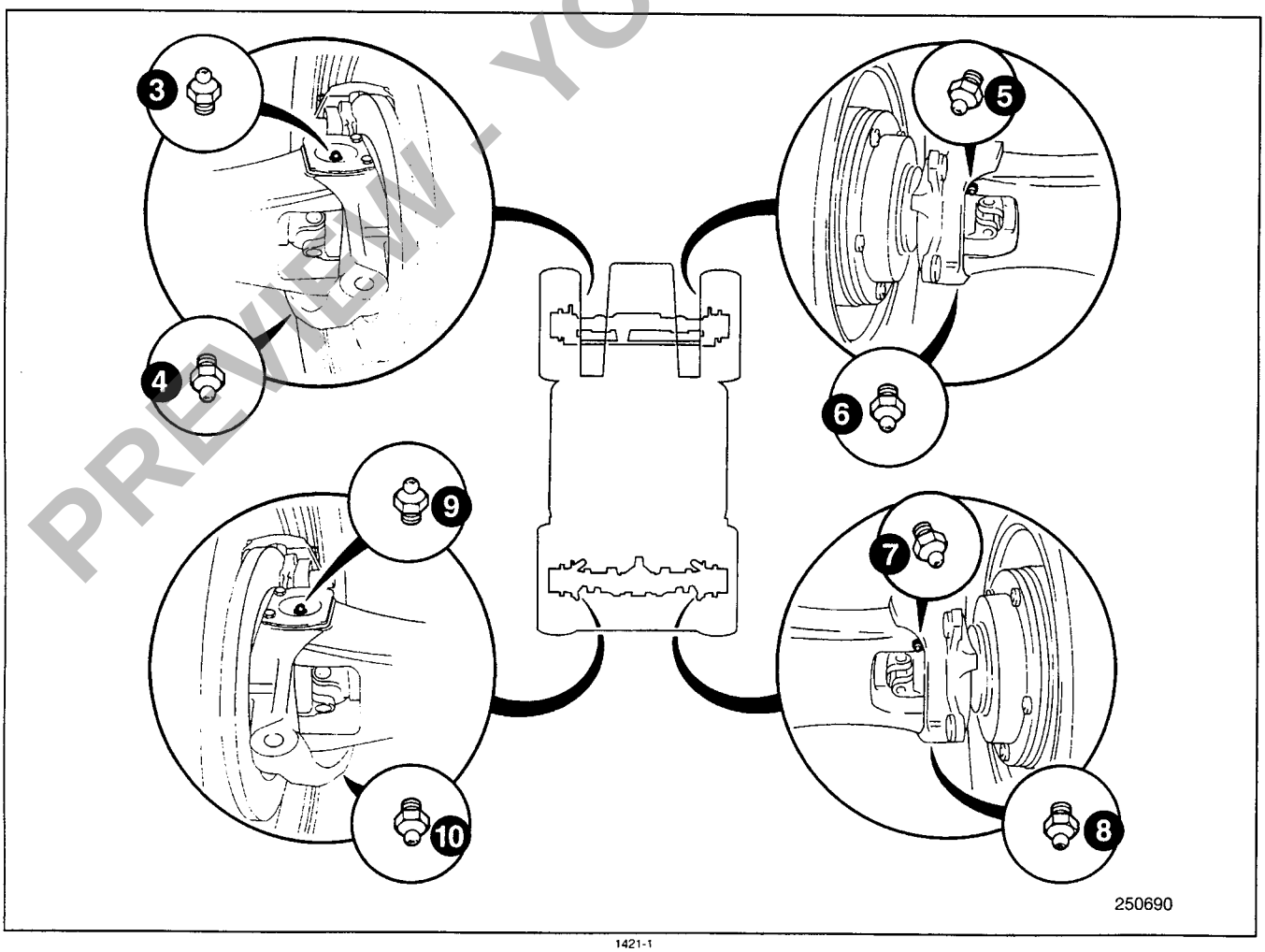
13-3-1-1

2WS: Grease points **1** and **2** on each side of the machine.

4WS: Grease points **3** to **6** on the front axle.

Grease points **7** to **10** on the rear axle.

Note: *After initial greasing, turn the wheels from lock to lock, then grease again to ensure full penetration.*



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TRAVELLING
(continued)

General Precautions

When moving the machine, keep it under control at all times. Stay alert for obstructions and possible hazards.

Use the brake pedal when travelling down a slope to prevent overspeeding of either the machine or the engine.

Do not use the brake pedal as a footrest.

Approach deep mud in a low gear with the front wheels straight.

⚠ WARNING

If the engine or steering fails, stop the machine as quickly as possible. Do not operate the machine until the fault has been corrected.

INT-2-1-5

⚠ WARNING

When you hear an audible warning, stop the machine as soon as possible. Get the fault put right before using the machine again.

13-2-1-9

⚠ WARNING

When driving the machine on the road, use the accelerator pedal and not the hand throttle to control the engine speed. Always set the hand throttle to 'idle' before using the accelerator pedal.

13-2-1-8/1

⚠ WARNING

Certain tyres fitted as after-market equipment may have maximum permitted speeds below the maximum speed of the vehicle. Brake efficiency is slightly reduced and stopping distance is increased when these tyres are fitted. They will suffer damage if operated at speeds higher than those recommended and may endanger life.

13-3-2-5

⚠ WARNING

Running tyres outside recommended guidelines may result in failure of the tyres which at high speeds may endanger life. BE WARNED.

13-3-1-6

⚠ WARNING

Be aware of the load the machine is carrying or towing and the speed at which you are travelling. Do not corner fast when carrying heavy mounted implements or towing trailers. Reduce speed when towing non-suspended implements on rough ground.

13-2-2-1

⚠ WARNING

The machine is fitted with a Roll Over Protection Structure (ROPS). You could be killed or seriously injured if you operate the machine with a damaged or missing ROPS. If the ROPS has been in an accident, do not use the machine until the structure has been renewed. Modifications and repairs that are not approved by the manufacturer may be dangerous and will invalidate the ROPS certification.

13-1-1-8/1

⚠ WARNING

Should the machine start to roll over, you can be crushed if you try to leave the cab. If the machine starts to roll over, DO NOT TRY TO JUMP FROM THE CAB. STAY IN THE CAB, WITH YOUR SEAT BELT FASTENED.

INT-2-1-12

⚠ WARNING

Do not coast the machine with the engine stopped as the main brakes will only operate for a limited number of applications and trailer brakes may not function at all. Also the steering will become very heavy.

13-1-1-5/2

⚠ DANGER

The JCB Fastrac is capable of operating at high speeds. Implements or trailers you tow behind the Fastrac may not be designed for high speed operation. BE AWARE of the manufacturers specified maximum speed rating for any trailers or implements that you tow behind the Fastrac. DO NOT EXCEED THE MAXIMUM DESIGN SPEED OF TRAILERS OR IMPLEMENTS AS INJURY OR DEATH MAY RESULT.

13-2-3-5

⚠ WARNING

The cab air filter is designed to remove dirt from the outside air. When using chemicals (e.g. for crop spraying) follow the chemical manufacturer's recommendations for protection from dangerous chemicals.

13-2-3-6

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