SAFETY

Before operating, read and comply with the operators' manual and safety instructions.

Understand that your safety and the safety of other persons is measured by how you service, and operate this machine. Know the positions and operations of all controls before you try to operate. MAKE SURE YOU CHECK ALL CONTROLS IN A SAFE AREA BEFORE STARTING YOUR WORK.

READ THIS MANUAL COMPLETELY and make sure you understand the controls. All equipment has a limit. Make sure you understand the speed, brakes, steering, stability, and load characteristics of this machine before you start to operate.

The safety information given in this manual does not replace safety codes, insurance needs, federal, state and local laws. Make sure your machine has the correct equipment needed by the local laws and regulations.

CASE is continuing to work for your safety: by making tractors with better protection and by giving these rules for safe operation.

THIS SAFETY ALERT SYMBOL INDICATES IMPORTANT SAFETY MESSAGES IN THIS MANUAL. WHEN YOU SEE THIS SYMBOL, CAREFULLY READ THE MESSAGE THAT FOLLOWS AND BE ALERT TO THE POSSIBILITY OF PERSONAL INJURY OR DEATH. M171A

Safety Rules

- Before starting the engine, be sure all operating controls are in neutral. This will eliminate accidental movement of the machine or start up of power driven equipment. R106C
- Operate controls only when seated in the Operators seat. R137
- Securely fasten your seat belt. Your tractor is equipped with a ROPS cab or frame for your protection. The seat belt can help insure your safety if it is used and maintained. Never wear a seat belt loosely or with slack in the belt system. Never wear the belt in a twisted condition or pinched between the seat structural members. R271
- A frequent cause of personal injury or death is persons falling off and being run over. Do not permit others to ride. Only one person - the operator - should be on the machine when it is in operation. R115A
- Before leaving the tractor, stop the engine, put all controls in NEUTRAL and apply the park brake.

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6. LOWER DIGITAL DISPLAY - This display has three functions:

   (a) When the key switch is turned to the accessory position, the hours of engine operation will be displayed together with the letter "h" The digit on the extreme right will display tenths of an hour.

   (b) When the POWER TAKEOFF (PTO) touch button is pressed the display will show the POWER TAKEOFF (PTO) speed (see item 5).

   (c) When the ENGINE RPM touch button is pressed, the display will show ENGINE SPEED (see item 4).

7. UPPER DIGITAL (TRACTOR GROUND SPEED) DISPLAY - This display shows the ground speed of the tractor, in MPH or KPH, see Programming the Instrument Cluster in this manual.

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Bostrom Seat



EC2572

Some tractors may be fitted with this seat as an alternative to those shown.

1. FORE/AFT - The operator seat is adjustable fore and aft for individual operator size. Move the lever (1) to disengage the latch from the slide rail and then move the seat to the position you require and release the lever so that it engages in one of the slots in the rail.

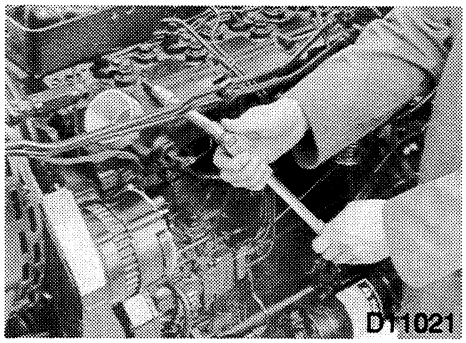
2. HEIGHT ADJUSTMENT - Pull and then slide the height limiting knob (2) to the position you want. Release the knob to lock in position.

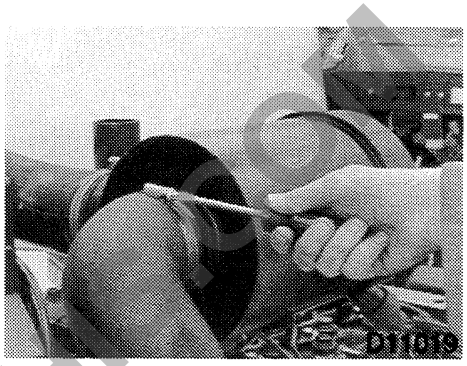
3. RIDE FIRMNESS CONTROL - The handle is located at the front of the seat and can be stored under the seat when not in use. The handle has a ratchet device so that the suspension can be changed by using short strokes rather than full turns. By pulling out and twisting the handle the direction of the ratchet can be reversed, and in this way, the same action is used to harden or soften the suspension according to the operators weight.

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Engine Air Intake System





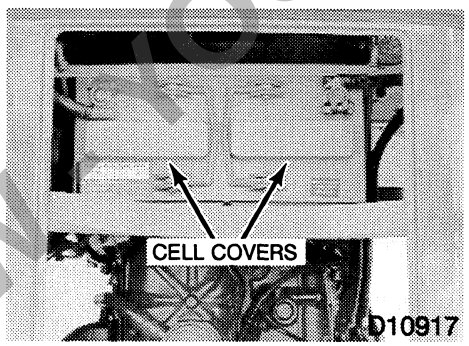
Check manifold bolts torque after first 20 hours of operation. Tighten to 25 to 29 lb ft (35 to 40 Nm).

Check hoses and clips after first 20 and first 200 hours of operation.

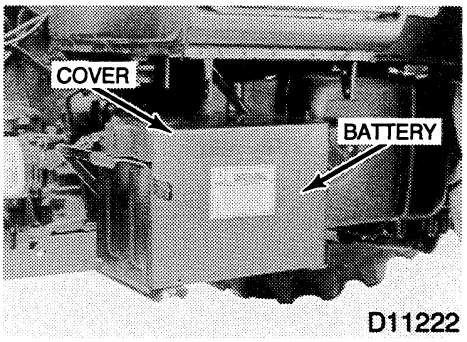
IMPORTANT: *Do not run engine with the air cleaner, or any part of the system disconnected or dismantled.*

Battery

Remove the hood hatch and check the electrolyte level. The electrolyte must be 3/8 in (9 mm) above plates. Put petroleum jelly on the terminals after the first 20 hours of operation.



ROPS TRACTOR



CAB TRACTOR

IMPORTANT: *Do not run engine with the battery disconnected. To do so will damage the alternator.*

When removing a battery, always disconnect the negative (−) ground terminal first. When installing the battery always connect the negative (−) terminal last.

Never wear metal rings or watch bands. You may ground a live circuit.

Think out a circuit before making or breaking a connection. A wrong connection can be painful and explosive.

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Engine Coolant Filter and Conditioner (If Equipped)

IMPORTANT: *DO NOT USE Case Cooling System Treatment, Part Number 331-509 on tractors equipped with coolant filter conditioners.*

The coolant filter and conditioner removes foreign material from the cooling system, controls rust, and conditions the coolant to prevent corrosion and cavitation in the cooling system.

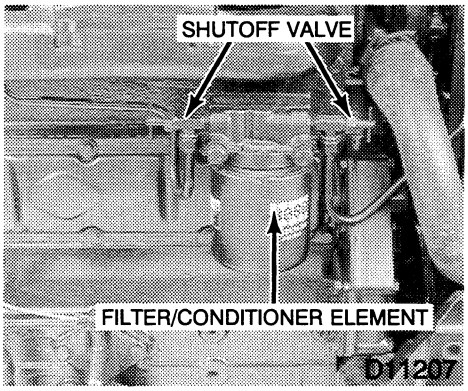
Install a new coolant filter every 400 hours of operation.

NOTE: *On tractors equipped with a Case water filter, the coolant must be changed every 2 years or 2000 hours of operation.*

NOTE: *The cooling system must be flushed and cleaned with a good chemical cleaner before filling with new coolant. Fill the cooling system with a minimum of 33% mixture of water and ehtylene glycol solution.*

To remove the filter:

1. Close the shut off valves, each side of the filter.
2. Use a strap type wrench to remove the filter element.



To install the filter:

1. Lubricate the gasket on the new filter element.
2. Turn the filter until the gasket makes contact with the filter head.
3. Tighten the filter 1/2 to 3/4 turn after the gasket makes contact with the adapter. Do not use a strap wrench to install the filter.
4. Open the shut off valves.
5. Run the engine for several minutes.
6. Stop the engine and check coolant level.

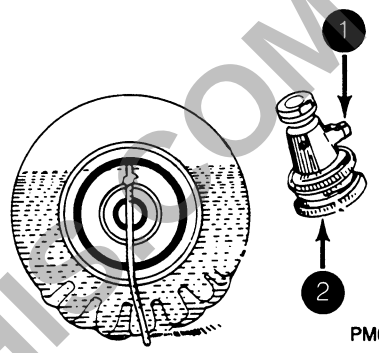
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Filling the Tires

Raise one side of the tractor, turn the wheel so that the valve is at the top, remove the valve core and screw the adaptor onto the valve. Connect a hose to the adaptor and fill either by gravity, from a tank at least 5 feet (1.5 metres) above the wheel, or by pressure using a hand pump. Measure the amount of water added to the tire and use the figures given to calculate the weight added.

When sufficient weight has been added, remove the hose and adaptor then install the valve core and inflate the tire to the correct pressure.



PM018

1. AIR BLEED HOLE
2. WATER FILL ADAPTOR

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REMOVING FROM STORAGE

It is recommended that caution be used when starting an engine that has been in storage.

1. Open the fuel filter drain valve and remove contaminated fuel. Close the drain valve.
2. Check that the grade of oil in the engine crankcase is as specified in this Manual.
3. Check the coolant level in the radiator.
4. Check that the batteries are fully charged. Connect the ground cables and tighten all terminals.
5. Check the transmission/hydraulic fluid level and linkages.
6. Check the tension on all belts.

Before starting the engine, be sure all operating controls are in neutral and the park brake applied. This will eliminate accidental movement of the machine startup of power driven equipment.

M296

7. Do not accelerate the engine rapidly, or operate at high RPM immediately after starting.
8. Inflate the tires to the correct operating pressures.
9. Make sure that all shields are in proper position.

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MODEL 895 TRACTOR
With Two Wheel Drive

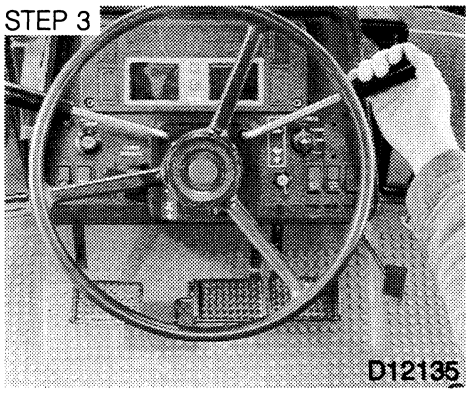


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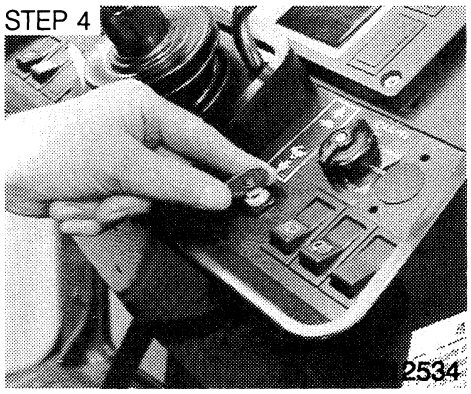
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STEP 3



Move the throttle control to 1/3rd open (1000 RPM MAX).

STEP 4



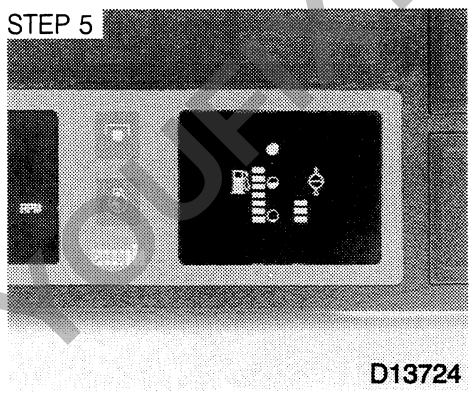
Press the clutch pedal fully down to actuate the SAFETY START SWITCH.

Turn the key switch to the start position until engine starts, but no more than 30 seconds. Release the key as soon as the engine starts. As soon as engine starts release clutch pedal and run engine at 1000 RPM (MAX) for 2 minutes.

IMPORTANT:

1. *If the engine starts and then stops wait for the starting motor to stop turning before you turn the key switch to the start position again.*
2. *DO NOT use the starting motor for more than 30 seconds without stopping. Wait three minutes between starts so the battery can charge and the starter motor can cool.*
3. *If the engine stops when operating with a load, immediately start the engine again to prevent much heat caused by stopping the flow of the oil for cooling and lubrication.*

STEP 5



After engine starts and is warm, check the coolant temperature bar indicator is in the correct area and that all indicator lamps are giving normal indications.

IMPORTANT: *If the indicator lamps of the gauges do not give the correct indications, STOP THE ENGINE AND CHECK FOR THE CAUSE.*

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Operating the Remote Hydraulic Circuits

Connect the implement hoses to the remote couplings so that the implement lowers when the control lever is pushed forward, and lifts when the lever is pulled to the rear.

NOTE: *If there is too much restriction in the implement cylinders or other attachments, the restriction can cause a back pressure in the remote valve which will cause the remote lever on the console to return to neutral before the cylinder has reached full stroke. If the condition occurs, it will be necessary to manually hold the lever in position until the cylinder has reached full stroke. It is normal for the control lever to return to neutral when the cylinders reach full stroke.*

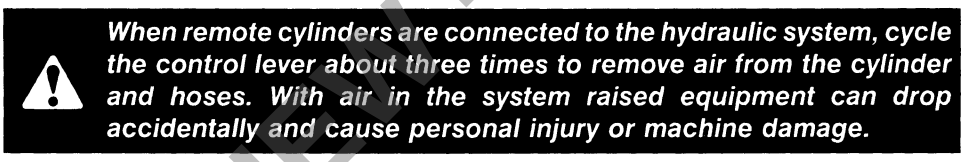
Float Operation

To operate the remote hydraulic control in a float condition push the control lever fully forward to float position.

NOTE: *Single acting cylinders can be operated in a float or no float operation at the same time that the hitch is operated.*

Hydraulic Motors

When operating hydraulic motors with the remote system, move the remote control lever to the forward position to run the motor and to the float position to stop the motor. Do not select neutral position when the motor is in operation or damage to the motor and hoses may occur. Change hoses in the remote couplings to change the direction of turn of the motor.



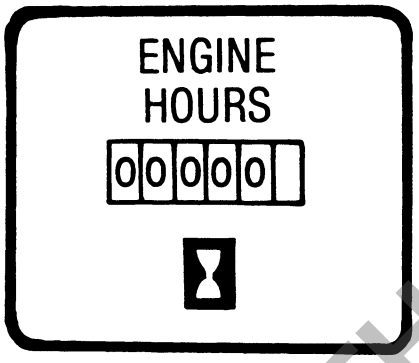
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ENGINE HOURMETER

Service your machine at the intervals and locations given in the Lubrication/ Maintenance Charts. When you service your machine, use only high quality lubricants.

The engine hourmeter shows the amount of actual hours the engine has run. The first number to the right displays tenths of an hour and the remaining numbers to the left displays hours. Use the engine hourmeter and the Lubrication/ Maintenance Charts to service your machine at the correct time periods.



EC3306C

SYSTEMGARD LUBRICATION ANALYSIS PROGRAM

Ask your Case dealer about our lubricant analysis program, Systemgard. Through this service, your lubricants are tested in an independant laboratory. You simply remove a sample of lubricant from your machine and send the sample to the independant Systemgard laboratory. After the sample is processed, the laboratory will report back to you and guide you with maintenance requirements. Systemgard can help support your equipment up time and provide you with a service that can pay back dividends when you trade for another piece of Case Equipment.



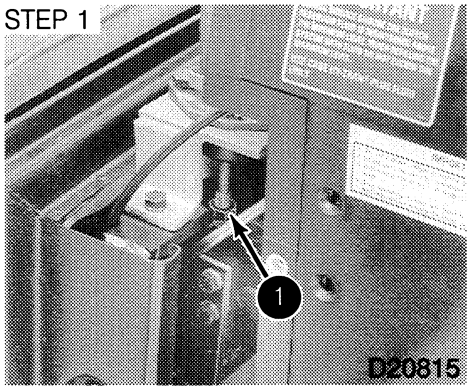
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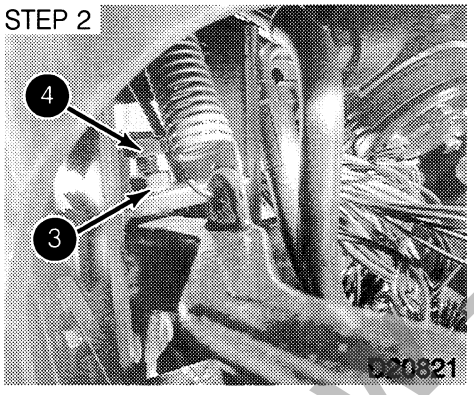
Pedal Height Adjustment (Cab Tractor)

STEP 1



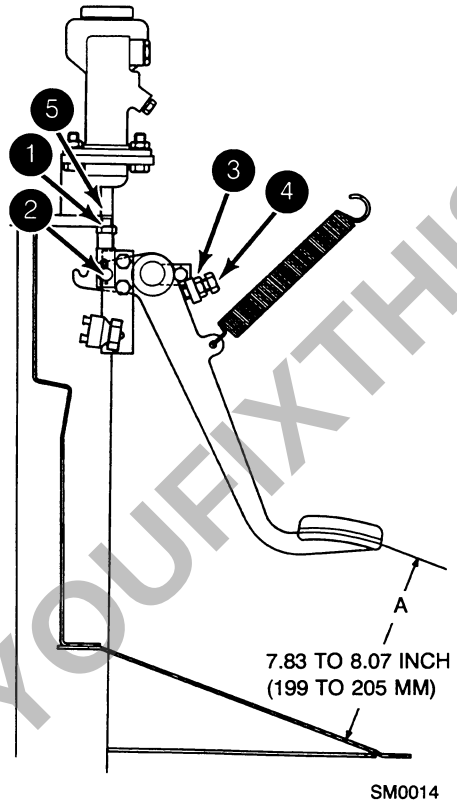
Loosen the locknut (1) and disconnect the clevis (2) from the clutch pedal. Pull the clevis away from the pedal.

STEP 2



Loosen the locknuts (3) and adjust the screw (4) to get dimension A.

STEP 3



Apply a light pressure to the pushrod (5) to hold it against the piston face, adjust the clevis until the retaining pin (2) can be easily installed. Now rotate the clevis half a turn clockwise (viewed from the rear of the tractor), install the pin and tighten the locknut (1).

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