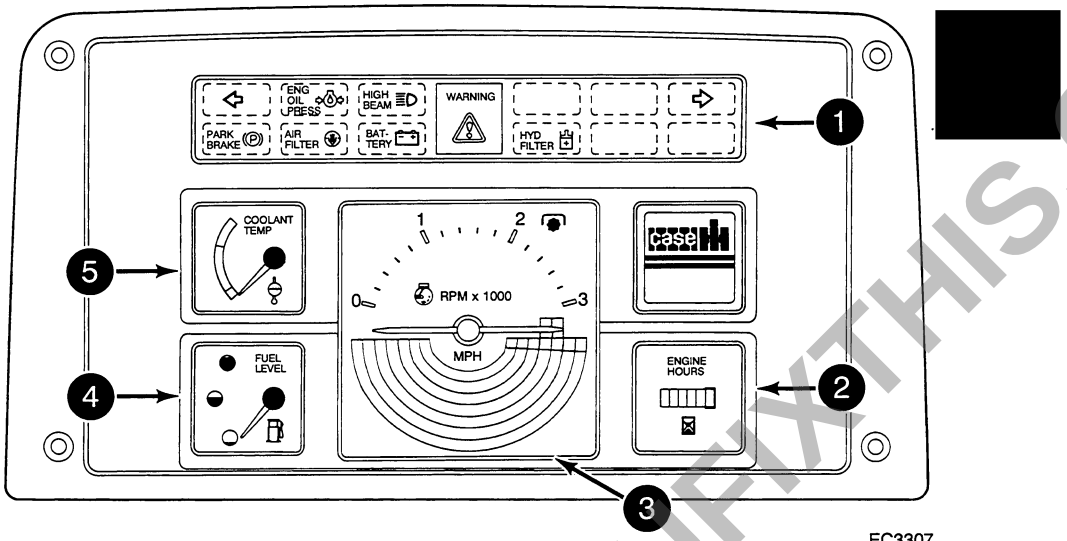
STANDARD INSTRUMENT CLUSTER



EC3307

1. INDICATOR LAMPS - These lamps illuminate to tell the operator that there is a fault in a system or that the function chosen is operating. See INDICATOR LAMPS on next page for details.

2. HOURMETER - The hourmeter shows engine running hours, white numbers, and tenths of hours, red number.

3. TACHOMETER/SPEEDOMETER - The upper part shows the engine revolutions per minute (RPM), a symbol indicates the RPM for each PTO speed. The lower part shows the tractor travel speed for each gear. The numbers indicated at the beginning of each segment on the speedometer correspond to the transmission gear positions. The numbers along each segment indicates the speed of the tractor in that gear.

4. FUEL GAUGE - The fuel gauge indicates how much fuel is in the fuel tank. The lower symbol indicates empty and the upper symbol indicates full.

5. ENGINE COOLANT TEMPERATURE GAUGE - The gauge is divided into three sections marked in three colors.
   The pointer in the yellow area indicates low temperature.
   The pointer in the green area indicates normal working temperature.
   The pointer in the red area indicates overheating. STOP THE ENGINE AND CHECK THE CAUSE.

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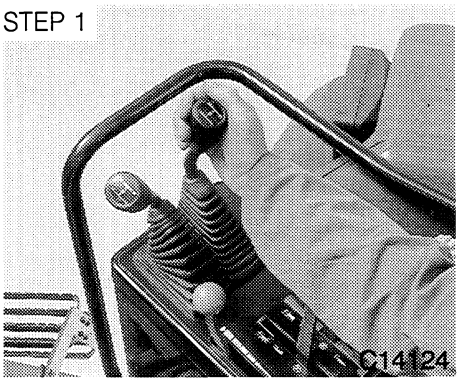
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NORMAL STARTING PROCEDURE

IMPORTANT: *It is very important to operate the engine at idle speed for a few minutes to make sure that enough lubricant reaches the engine and turbocharger bearings before operating the engine at rated speed.*

> **WARNING:** ***Operate controls only when seated in the Operators seat.***
> M137A

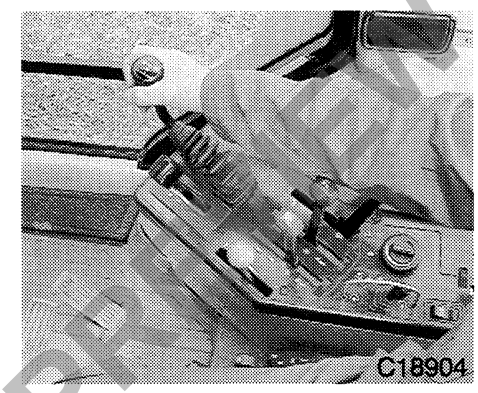
STEP 1



Fasten seat belt.

Syncromesh Transmission

Put both the Range and the Speed levers in the NEUTRAL position or the starter motor will not operate.

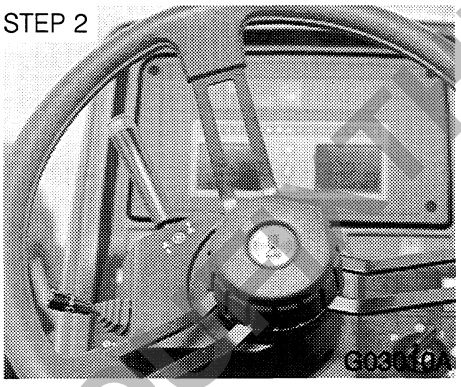


Power Shift Transmission

Put the range lever in the NEUTRAL position or the starter motor will not operate.

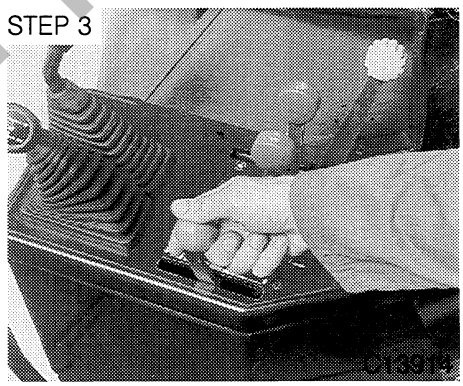
Put the Power Shift lever in the low (l) position.

STEP 2



Put the Forward/Reverse lever in the NEUTRAL position or the starter motor will not operate.

STEP 3



Move the throttle lever to 1/2 open position (1600 RPM Max)

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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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BEFORE STARTING THE ENGINE

Before starting your tractor for the first time make the following checks. Also see Lubrication and Preventive Maintenance for regular service schedule.

1. Make sure all persons that operate or do maintenance on the tractor understand that clean fuel is important
2. Check all lubrication fittings for grease as given in the Lubrication Chart.
3. Check the oil level in the engine crankcase. Check the oil level in the transmission.
4. Check the water level in the batteries.
5. Check that the tractor fuel tank is filled with clean fuel that has the specifications given in this manual.

   NOTE: *Always clean around the fuel tank filler cap before removing the cap.*
6. Check the fuel system, cooling system and engine oil pan for leaks.
7. Check that the alternator and compressor belts are adjusted correctly.
8. Remove any water or sediment from the fuel primary filter.
9. Check the air pressure of the tires.
10. If your tractor has a power takeoff, make sure the safety guard is installed.
11. Check the coolant level in the coolant recovery bottle. Add water and ethylene glycol coolant as needed.

> WARNING: *Before starting the engine, be sure all operating controls are in neutral or park lock position. This will eliminate accidental movement of the machine or start up of power driven equipment.* M106E

> WARNING: *Never start the engine in a closed building. Proper ventilation is required under all circumstances.*

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TRAILER HITCH - HIGH CLEARANCE TRACTOR

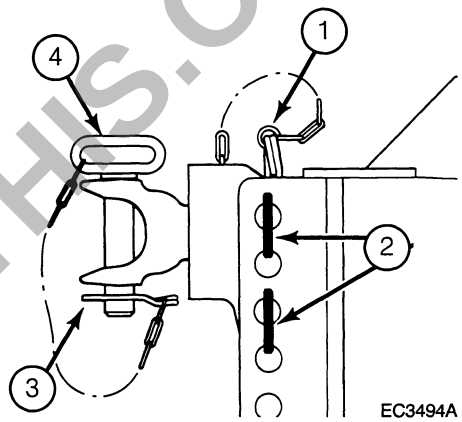
This hitch can be adjusted up or down to match the trailer/wagon hitch height.

IMPORTANT: *Only use this hitch for pulling trailers or wagons with the correct ring type drawbar. Connect all other implements to the drawbar. Keep hitch as low as possible to prevent the front of the tractor lifting.*

Remove retaining clip (3) and lift out hitch pin (4).

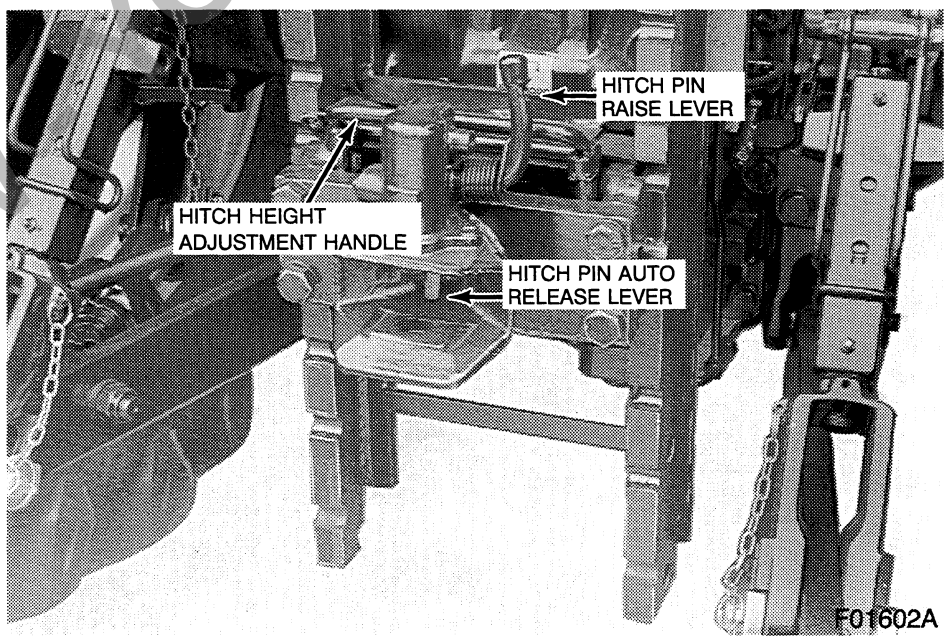
Adjust height as follows:

1. Support the hitch coupling assembly.
2. Remove the retainer clip (1) for the cross pins (2).
3. Remove the two cross pins (2).
4. Move the coupling assembly to the new position, insert cross pins and install retainer clip.



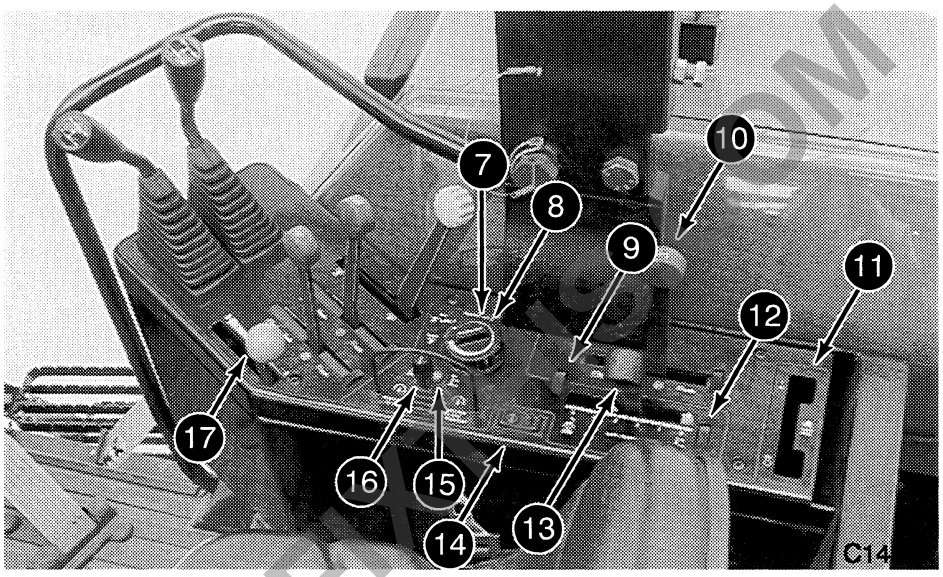
Auto Locking Hitch (if equipped)

Move the lever upwards to raise the hitch pin. When contact with the implement is made the pin will lock into position automatically. Adjust height by lifting handle while supporting hitch assembly. Move to new position and release handle.



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7. HITCH MODE SELECTOR - The mode selector allows the hydraulic system to be worked in draft control, position control or a combination of the two, and drop control in position control.

8. HITCH RATE OF LOWER CONTROL- The control is used to adjust the speed at which the hitch lowers. This control only operates when the command switch (16) is in the WORK position.

9. ADJUSTABLE STOP FOR POSITION CONTROL - With the hitch control lever in the desired position, put the adjustable stop against the lever to maintain the set maximum height.

10. REMOTE HYDRAULIC LEVER NUMBER 3 - This lever operates the third remote hydraulic valve.

11. TRANSMISSION CREEPER LEVER (IF EQUIPPED) - This lever engages the creeper gears of the transmission. Move the lever forward and to the right to engage the creeper gear.

12. ADJUSTABLE STOP FOR DEPTH CONTROL - With the hitch control lever in the desired position, put the adjustable stop against the lever to maintain the set maximum depth.

13. HITCH SETTING LEVER - The hitch setting lever is used to raise or lower hitch mounted implements in position or draft control and to select the working depth of soil entering implements. To lower the implement, move the lever forward. To raise the implement, move the lever rearward.

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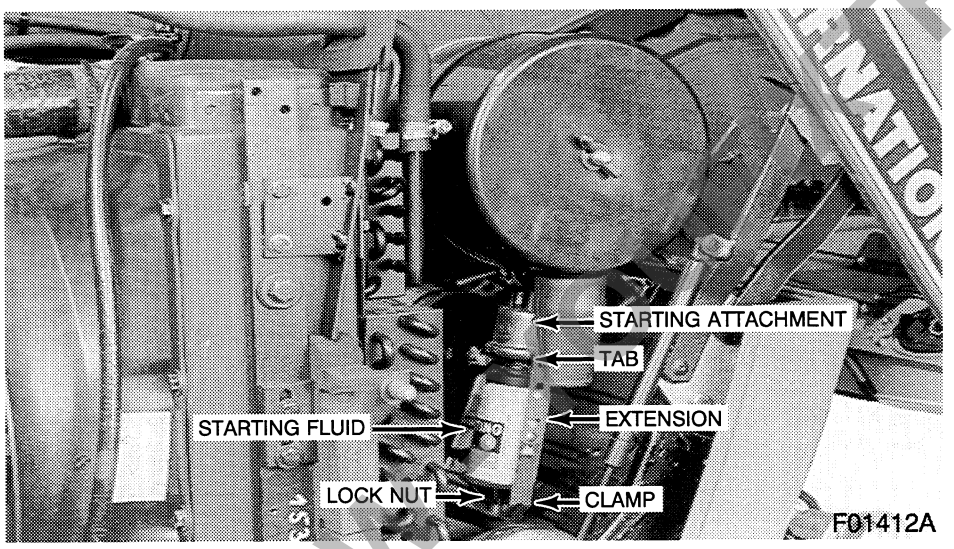
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Starting Fluid Container Replacement

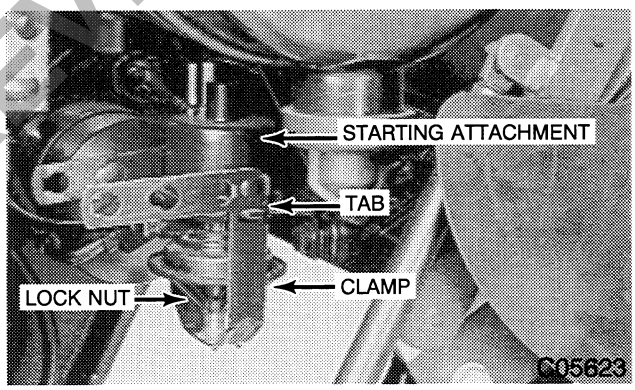
Install a 15 ounce (425 g) container of Case Starting Fluid B17072 as follows:

1. Turn the lock nut counterclockwise to loosen and then remove the empty container.
2. Always follow the instructions on canister DO NOT BURN EMPTY CANISTER.
3. Remove the safety cap and plastic nozzle from the new fluid container.
4. Put the new fluid container in the clamp and tighten the lock nut to hold the container in position.

NOTE: *To install the 15 ounce (425 g) container you must use the two clamp extensions between the starting attachment and the clamp. The clamp extensions are not used for a 12 ounce (340 g) container.*



If you operate the tractor without a fluid container in the starting attachment, connect the bottom holes of the clamp onto the locating tabs of the starting attachment and turn the lock nut clockwise until tight against the starting attachment. This will prevent dirt and dust entering the starting attachment.

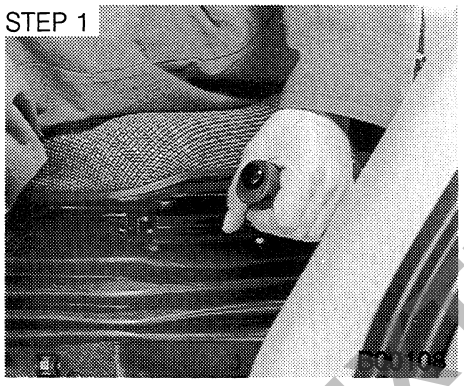


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AXLE ADJUSTMENTS

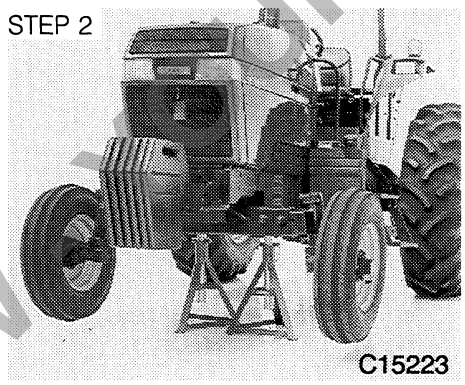
Two Wheel Drive - Front Axle Tread Widths

STEP 1



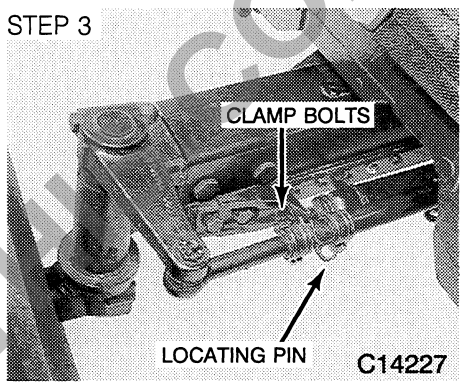
Engage the park brake and put blocks in front of and behind the rear wheels.

STEP 2



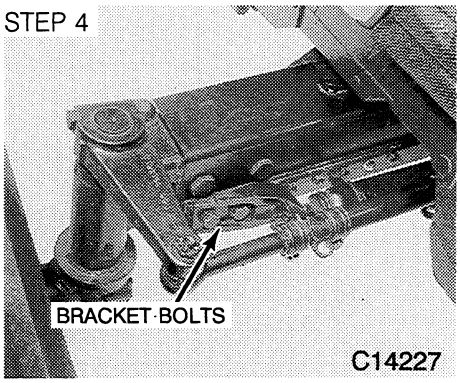
Lift the front of the tractor and install supports under the center beam of the axle.

STEP 3



Loosen the clamp bolts on the tie rod on the right hand side. Remove the locating pin.

STEP 4



Remove the steering cylinder bracket bolts.

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