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MANUAL PREVIEW

Caterpillar
Operator's Manual
955 Traxcavator
S/n 60A1 & up
72A1 & up

Operator's Manual

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TRAXCAVATOR

S/N 60A1 & UP
72A1 & UP

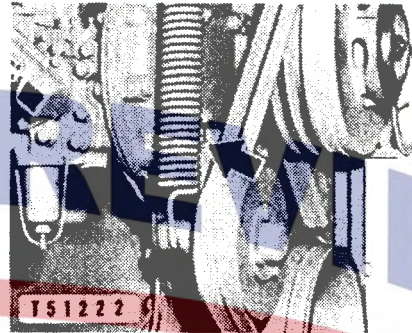
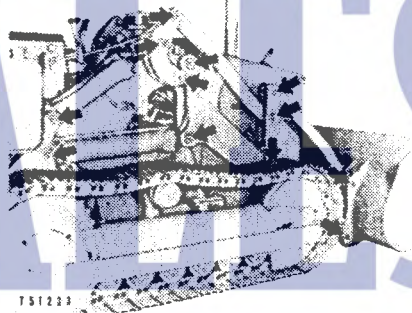
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BR Ball And Roller Bearing Lubricant**9****FAN BELT ADJUSTING PULLEY
BRACKET**

(Traxcavators effective with 60A3263)

Lubricate every 125 service hours. Wipe off
excess lubricant.**10****HYDRAULIC CYLINDERS, BUCKET
CONTROL LINKAGE, LIFT ARM
PIVOT POINTS AND BUCKET
DUMP STOPS**Lubricate bucket control linkage pivot points,
hydraulic cylinder pivot points and lift arm
pivot points every 10 service hours. Bucket
hinge pins not equipped with fittings are
properly hardened which eliminates the need
for lubrication.Lubricate each bucket dump stop face on
both sides of the machine with a small
amount of grease every 10 service hours.**12****KICKOUT LEVER**

Lubricate kickout lever every 10 service hours.



clutches engaged. Should the indicator register in the HIGH (red) range a dirty transmission control filter may be the problem. If a condition of either high or low oil pressure persists consult your Caterpillar dealer.

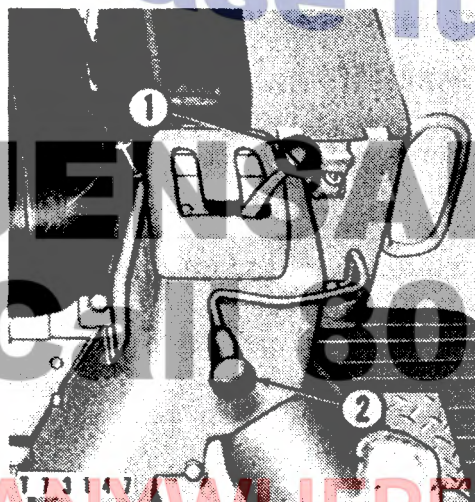
DRIVING THE TRAXCAVATOR

Shifting Gears: The Traxcavator is equipped with a power shift transmission, having four planetary gear sets with operating clutches, and is controlled by the speed selector (1) mounted at the left of the operator's seat. The lever, when moved, actuates a hydraulic control which directs oil into the chambers of the various clutches thus producing the desired speed and direction of travel. In combination with the range gears, controlled by the range selector lever (3) mounted to the right of the operator's seat, four forward speeds and four reverse speeds are provided. A safety valve in the transmission hydraulic system will automatically shift the speed selector lever to neutral position whenever the transmission oil pressure drops. This will occur normally when the engine is stopped. **The Traxcavator must be stationary and the power shift transmission in neutral to shift the range selector lever.**

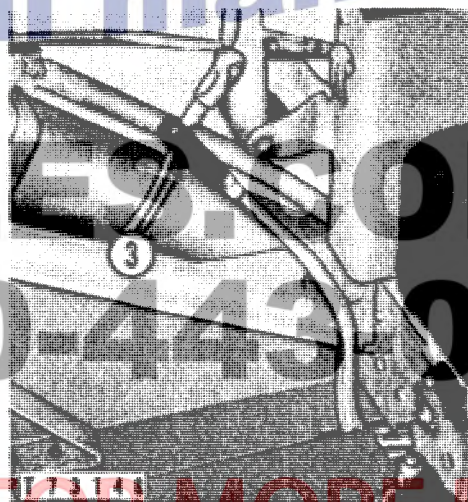
CAUTION

The safety lock control lever (2) should be pushed downward to the **safety** position whenever the Traxcavator is allowed to stand with the engine running. The safety lock prevents the accidental engagement of the transmission.

Before applying any load allow the diesel engine to warm as explained in the topic, **STARTING THE ENGINE**. During the warming period the transmission speed selector and range selector control levers should be in

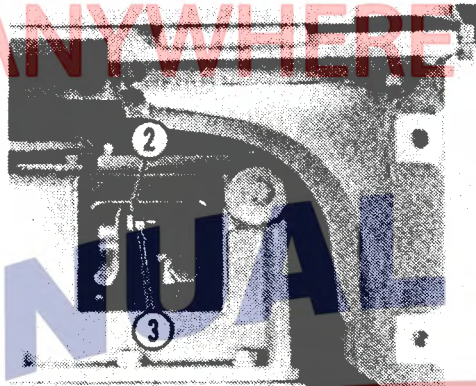


POWER SHIFT CONTROLS
1-Speed selector control lever.
2-Safety lock control lever.



RANGE SELECTOR CONTROL
3-Range selector lever.

their **neutral** positions and the safety lock control lever in the **safety** position.



STEERING CLUTCH CONTROL ADJUSTMENT

2-Adjusting nut. 3-Locknut.

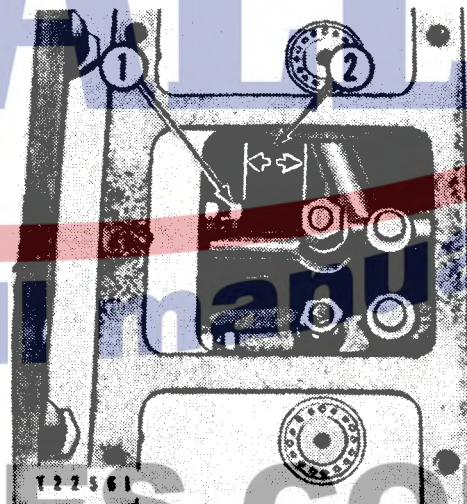
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As the steering clutches become sufficiently worn through service to prevent restoring proper control adjustment, consult your Caterpillar dealer.

Steering Clutch Control Lever Stop Adjustment: There is a stop (1) for each steering clutch control lever which limits the travel when the

STEERING CLUTCH CONTROL LEVER STOP

1-Stop. 2-There should be at least 15/16 inch (2.3 cm.) clearance at this point.



lever is pulled back from the free forward position. An adjustment is provided to increase the amount of lever travel from the free forward position. To increase the travel loosen the locknut and turn the bolt clockwise. To decrease the travel turn the bolt counterclockwise. **Do not decrease the clearance to less than 15/16 inch (2.3 cm.) at (2) between the bellcrank nut and stop when the control lever is in the free forward position, as this will prevent proper clutch disengagement.**

Steering Clutch Brake Adjustment: Keep the brakes adjusted just tight enough so the machine will turn correctly when the steering clutch is released and the brake pedal is depressed about 3 to 4 inches (7.62 to 10.16 cm.). The band should be entirely free from the drum when the pedal is in the released position.

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