

PRE-STARTING PROCEDURE

Operation & Maintenance Manual And Operator's Handbook Locations

Figure 82

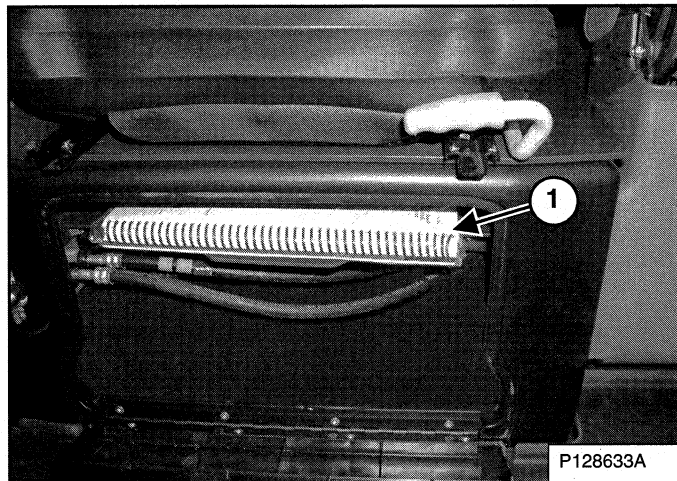
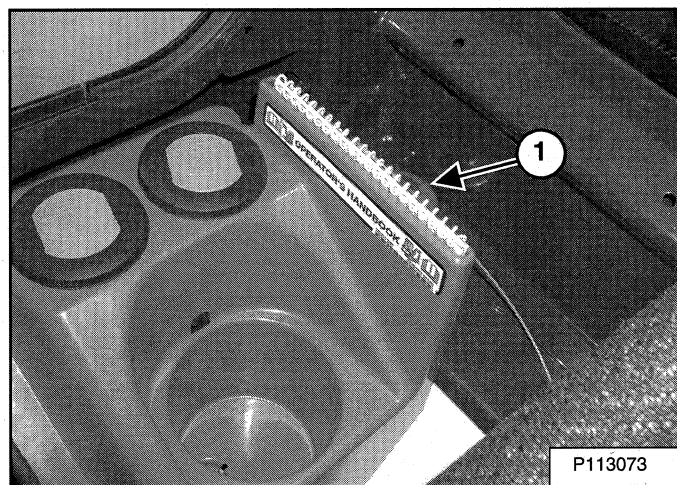


Figure 83



Read and understand the Operation & Maintenance Manual (Item 1) [Figure 82] (located inside the storage container below the operator's seat and inside the toolbox) and the Operator's Handbook (Item 1) [Figure 83] before operating.

Entering The Excavator

Figure 84



Use the grab handles and tracks to enter the canopy / cab [Figure 84].

WARNING

AVOID INJURY OR DEATH

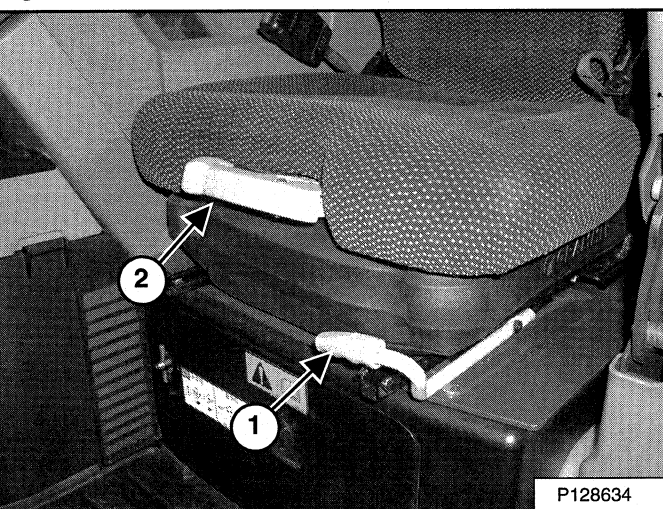
Instructions are necessary before operating or servicing machine. Read and understand the Operation & Maintenance Manual, Operator's Handbook and signs (decals) on machine. Follow warnings and instructions in the manuals when making repairs, adjustments or servicing. Check for correct function after adjustments, repairs or service. Untrained operators and failure to follow instructions can cause injury or death.

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PRE-STARTING PROCEDURE (CONT'D)

Seat Adjustment

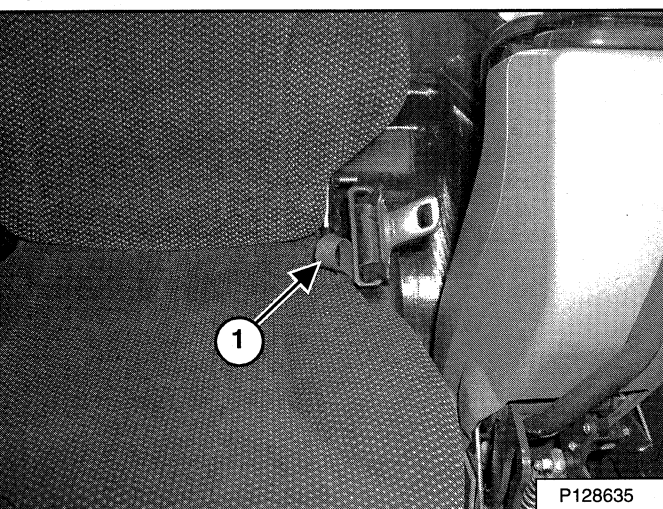
Figure 85



Release the seat lever (Item 1) [Figure 85] to adjust the seat forward or back.

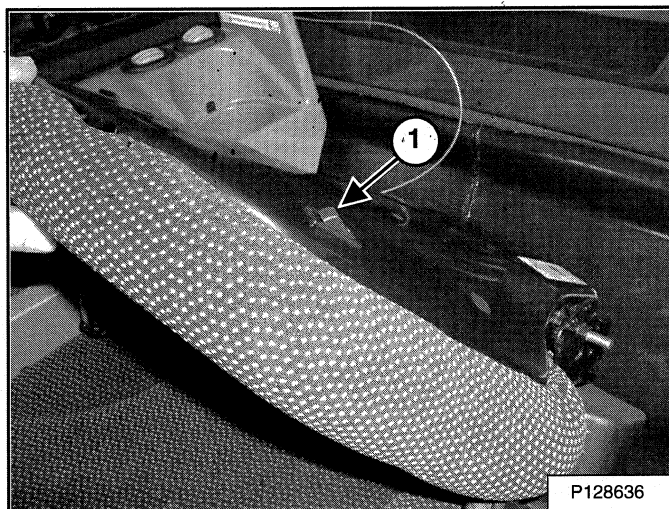
Turn the handle (Item 2) [Figure 85] to change the adjustment for operator weight.

Figure 86



Pull the strap (Item 1) [Figure 86] to change the incline of the seat back.

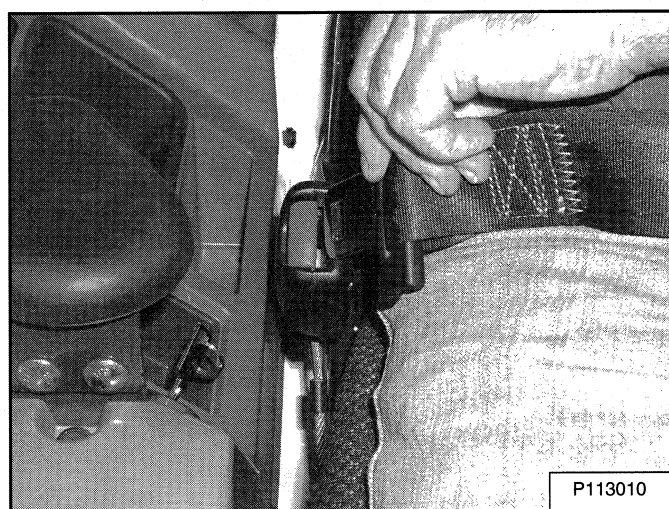
Figure 87



Press the top of the switch (Item 4) [Figure 87] to turn the heated seat ON (if equipped). Press the bottom of the switch turn OFF.

Seat Belt

Figure 88

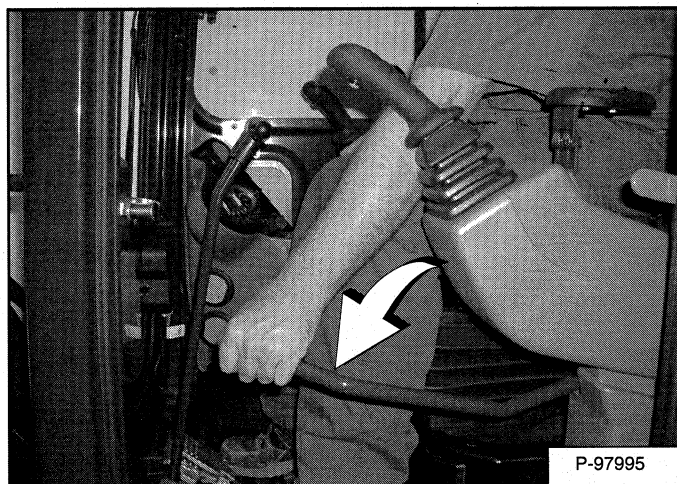


Fasten the seat belt [Figure 88].

PRE-STARTING PROCEDURE (CONT'D)

Control Console

Figure 89



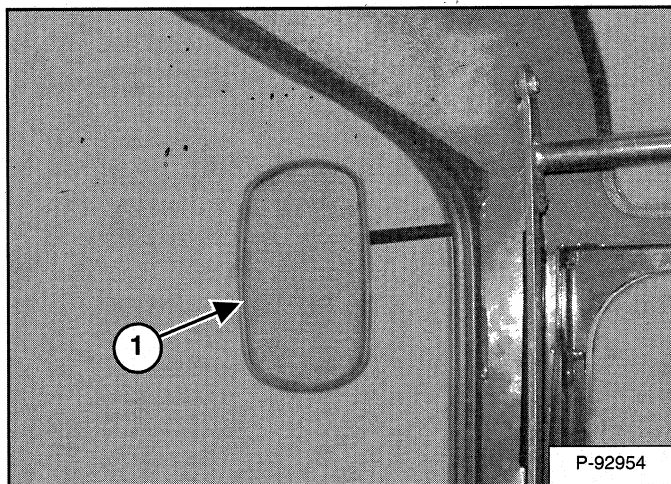
Lower the control console [Figure 89].

NOTE: There is a control lock sensor in the left console which deactivates the hydraulic control levers (joysticks) and the traction drive system when the control console is raised. The console must be in the locked down position for the hydraulic control levers (joysticks) and traction system to operate.

NOTE: If the control lock sensor does not deactivate the control levers and traction system when console is raised, see your Bobcat dealer for service.

Mirror Adjustment

Figure 90



Adjust mirrors (Item 1) [Figure 90] (if equipped).

STARTING THE ENGINE

Key Switch

! WARNING

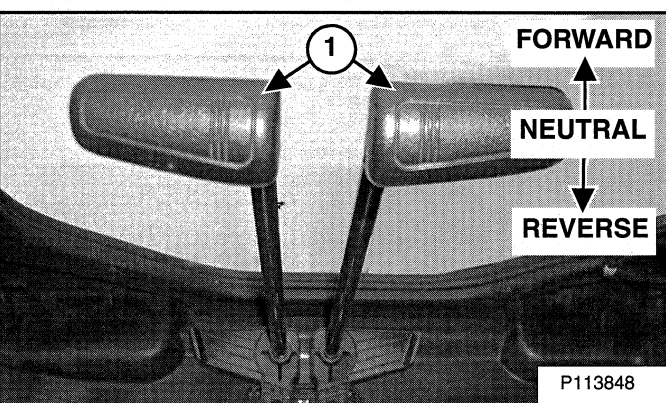
AVOID INJURY OR DEATH

- Fasten seat belt, start and operate only from the operator's seat.
- Never wear loose clothing when working near machine.

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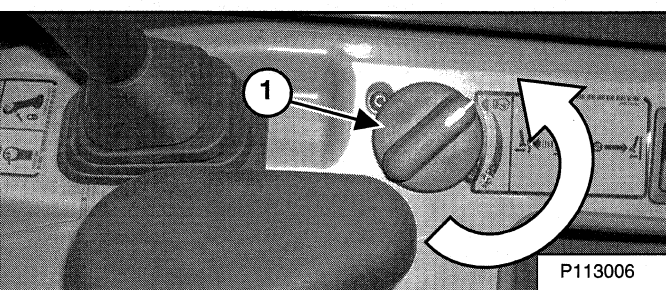
Perform the PRE-STARTING PROCEDURE. (See PRE-STARTING PROCEDURE on Page 64.)

Figure 91



Put control levers (Item 1) [Figure 91] in the NEUTRAL position.

Figure 92



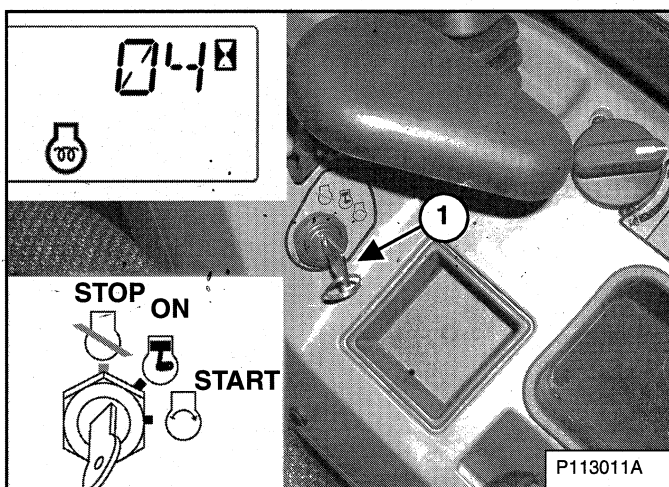
Turn the engine speed control dial (Item 1) [Figure 92] counterclockwise to low idle.

IMPORTANT

Do not engage the starter for longer than 15 seconds at a time. Longer use can damage the starter by overheating. Allow starter to cool for one minute before using starter again.

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Figure 93



Turn the key (Item 1) [Figure 93] to the ON position. If preheating is required, the glow plugs will automatically cycle and the remaining preheat time (in seconds) will show in the data display screen (see inset). (Preheat icon will be ON).

Turn the key to START and release the key when the engine starts. It will return to the ON position [Figure 93].

Stop the engine if the warning lights and alarm do not go OFF. Check for the cause before starting the engine again.

Turn the key switch OFF to stop the engine.

! WARNING

AVOID INJURY OR DEATH

When an engine is running in an enclosed area, fresh air must be added to avoid concentration of exhaust fumes. If the engine is stationary, vent the exhaust outside. Exhaust fumes contain odorless, invisible gases which can kill without warning.

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! WARNING

AVOID SERIOUS INJURY OR DEATH

- Engines can have hot parts and hot exhaust gas. Keep flammable material away.
- Do not use machines in atmosphere containing explosive dust or gases.

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