

1825/1825B UNI-LOADER

Operator's Manual

Bur 9-25773

CASE

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

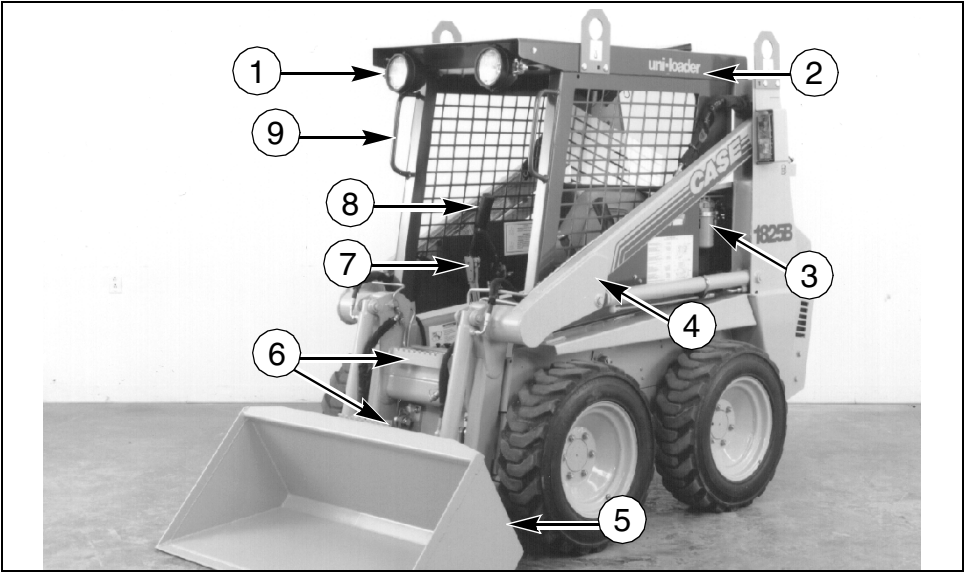
- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- Please note: If there is no response to CLICKING the link, please download this PDF first and then click on it.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

MACHINE COMPONENTS 1825B



BP96C045

1. FRONT WORK LAMPS
2. ROPS
3. ENGINE COMPARTMENT
4. LOADER LIFT ARMS
5. BUCKET
6. STEPS
7. LOADER CONTROLS
8. SEAT BARS
9. HAND RAILS

! SAFETY DECALS !



WARNING: Injury or death can result if you cannot read a safety decal or if a safety decal is missing. Replace any missing or damaged safety decal and keep all safety decals clean. See your dealer for new safety decals.

SC002

Make sure that you can read all safety decals and all instruction decals. Check these decals every day before you start. Clean these decals if you cannot read the words.

When you clean the decals, use only a cloth, water, and soap. Do not use solvent, gasoline, etc.

You must replace a decal if the decal is damaged, the decal is missing, or the decal cannot be read.

If a decal is on a part that is replaced, make sure there is a new decal on the new part. See your Case dealer for new decals.

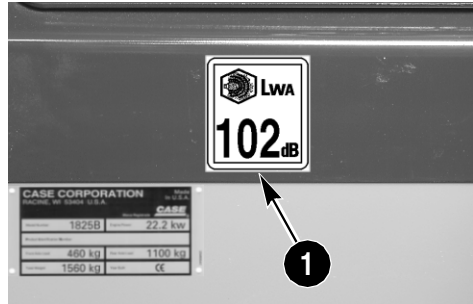
Guaranteed Sound Power Levels to E.C. Regulation Requirements



Guaranteed Sound Power Level:
1825B: 102dB
As Tested Sound Power Level:
1825B: 101dB

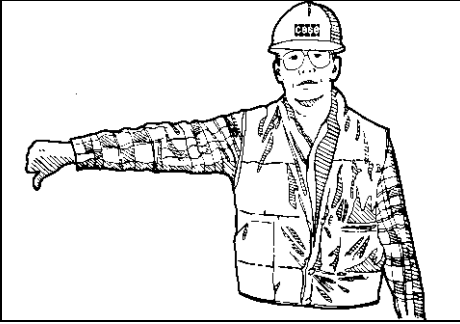
Operator Ear Levels:

Open Cab	83dB
Cab With Side Windows	81dB
Fully Enclosed Cab	N/A

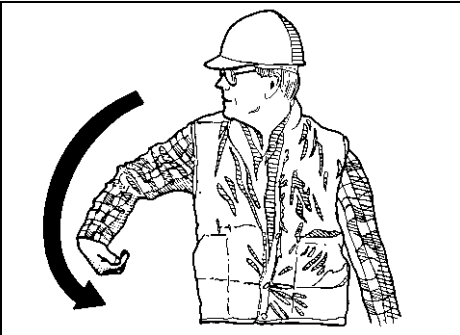


BC01N001

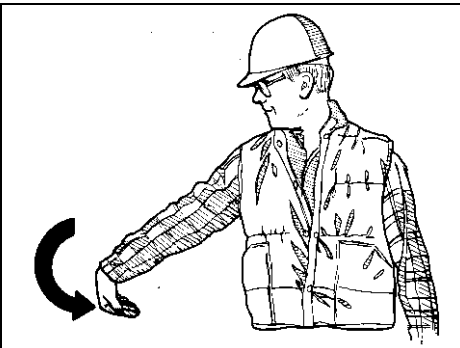
1. GUARANTEED SOUND POWER LEVEL DECAL LOCATION



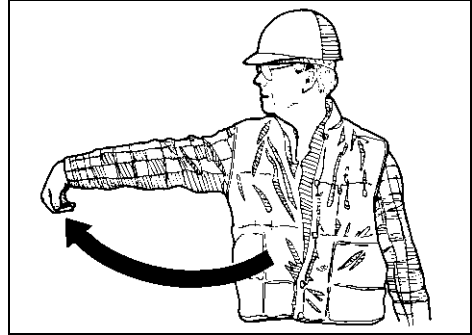
Backhoe Dipper In



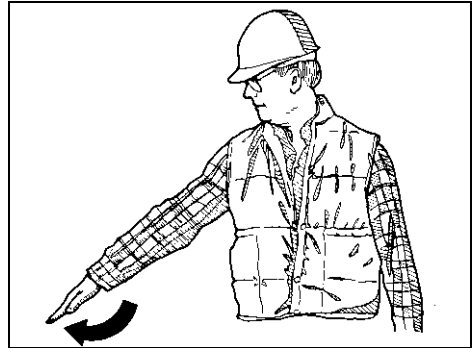
Backhoe Bucket Dig



Backhoe Dipper Out



Backhoe Bucket Dump



Recommended Times for Glow Plug Operation 1825

AIR TEMPERATURE	ACTUATE (TIME)
70°F (20°C)	15 Seconds
32°F (0°C)	20 Seconds
0°F (-18°C) & Below	30 Seconds

Recommended Times for Glow Plug Operation 1825B

AIR TEMPERATURE	ACTUATE (TIME)
ABOVE 50°F (10°C)	NOT REQUIRED
50°F (10°C) TO 23°F (-5°C)	5 Seconds
BELOW 23°F (-5°C)	10 Seconds
MAX. ENERGZE TIME	20 Seconds

Preventing Damage to the Hydrostatic Transmission in Cold Temperatures

IMPORTANT: Below 32°F (0°C), run the engine at 1/2 throttle for 10 minutes with the transmission controls in the NEUTRAL position. Do not operate the hydraulic cylinders rapidly or against the stops rapidly until the hydraulic oil is warm. Increase the engine speed to 3/4 throttle and move the transmission control levers to 1/2 forward. Move the machine at no load for one minute or until the transmission runs normally.

Engine Speed

Do not run the engine at idle speed for long periods. This can cause a low operating temperature. Low operating temperature can cause formation of acids and deposits in the engine oil. It is recommended that you run the engine at full throttle when operating conditions permit and when safe.

IMPORTANT: When you operate a backhoe, it is recommended that you run the engine at 1/2 throttle.

Parking the Machine and Stopping the Engine

IMPORTANT: If the machine must be parked on a hill, position the machine sideways to the hill and block the wheels.

1. Park on level ground and lower the loader attachment to the ground.
2. Run the engine at 1/2 speed for two or three minutes, if the engine has been working at full load. This procedure will cool the engine parts evenly.
3. Pull out the engine stop control and turn the key to the OFF position (1825), or turn the key switch to OFF (1825B) to stop the engine.
4. Remove the key, raise the seat bars, move the loader controls until locked and release the seat belt. Always use the hand rails and steps when leaving.

NOTE: The parking brake is engaged automatically.



WARNING: Jumping on or off the machine can cause an injury. Always face the machine, use the hand rails and steps, and get on or off the machine slowly.

SA038

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- Please note: If there is no response to CLICKING the link, please download this PDF first and then click on it.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

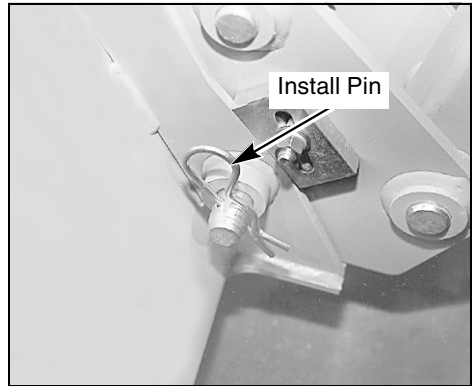
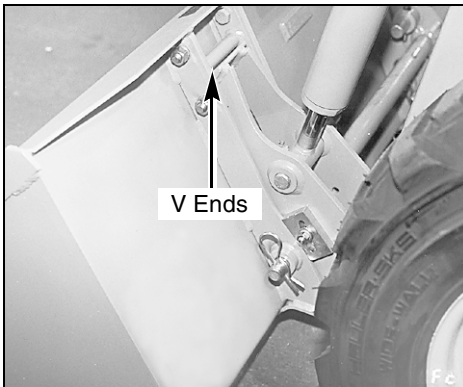
TOOL-TACH

Installing a Bucket or Attachment

IMPORTANT: Read the manufacture's instructions manual for attachments not included in this manual. DO NOT use attachments that are not approved by CASE. The use of additional equipment or accessories that are not authorized by CASE will invalidate CE certification to safety requirements. Any modification of the machine with a view to adapting any such equipment or accessory that is not authorized in this manual must receive CASE approval.

IMPORTANT: Before installing a bucket or attachment, make sure the mounting area of the bucket and the Tool-Tach are clean.

1. Start the engine and tilt the Tool-Tach forward.

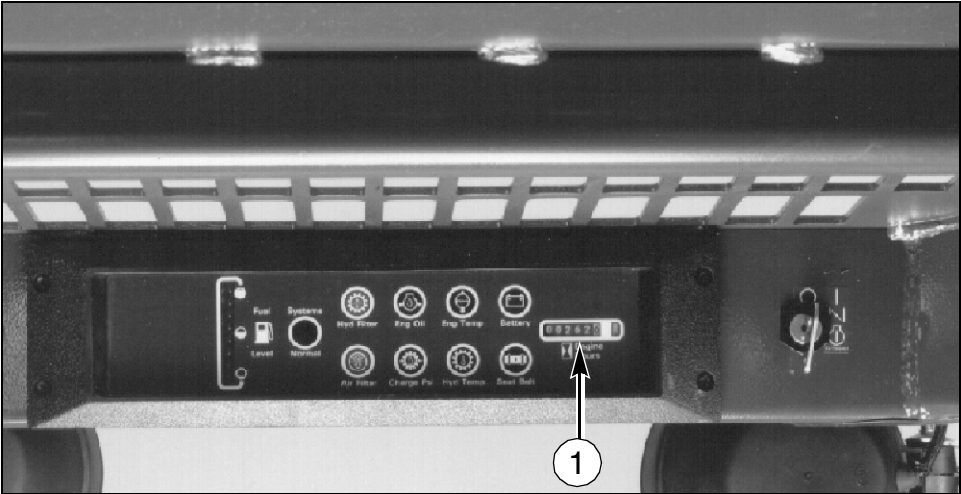


See the next page for adjustment of the Tool-Tach.

2. Move the machine forward slowly and raise the loader lift arms. The V ends of the Tool-Tach must engage the upper mounts of the bucket.
3. Roll back the bucket and install the two bucket mounting pins. See next page for the adjustment of the upper pins.
4. Install the retaining pins in the bucket mounting pins.

ENGINE HOURMETER

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 left display hours. Use the engine hourmeter along with the Lubrication/Maintenance Charts to service your machine at the correct time periods.



1. ENGINE HOURMETER

BP96C051

MAINTENANCE SCHEDULE

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

Follow the maintenance schedule for this machine to reach maximum life of the machine and attachments.



BP96C017

ENGINE LUBRICATION SYSTEM (1825B)

Service Specifications

Every 10 hours or daily Check engine oil level
Every 100 hours Replace engine oil and filter
Engine oil capacity with filter change 6.7 U.S. quarts (1.4 U.K. gallons, 6.34 litres)
Engine oil capacity w/o filter change . 6.3 U.S. quarts (1.3 U.K. gallons, 5.96 litres)
Oil type 10w-30 API CE, CD, CC/SG

Engine Oil Level

Check the engine oil level before you start the engine each day or before the start of each 10 hour shift. Always check the oil level with the engine stopped and when the machine is on level ground. Push the engine oil level dipstick completely down and pull out before you check the oil level.

If the oil level is below the ADD mark, add oil to raise the oil level up to the FULL mark.



BP96C054

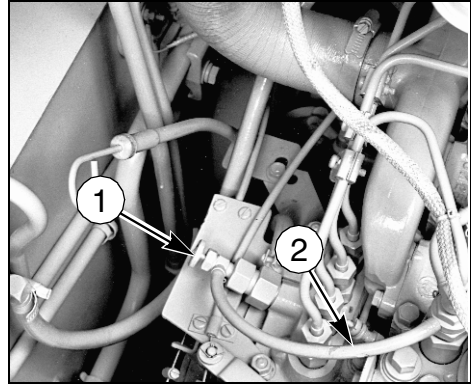
4. Remove the rubber seal from the stud on the filter head.
5. Use a cloth and clean the gasket surfaces of the filter body.
6. Apply clean engine oil to the new rubber seal.
7. Install the rubber seal on the filter head stud.
8. Apply clean oil to the gasket of the new filter. Do not fill the new filter with fuel before installation.
9. Turn the filter clockwise onto the filter body until the filter gasket makes contact with the filter body. Continue to tighten the filter with your hand for 1/2 to 3/4 turn.

IMPORTANT: Do not use a filter strap wrench to tighten the filter. You can cause a leak if the filter is dented with the wrench.

10. Turn the fuel shutoff valve completely counterclockwise to ON.
11. Fill the tank with fuel and bleed the air from the fuel system. See the topic Removing Air from the Fuel System in this manual.

Removing Air from the Fuel System

You must remove air from the fuel system if (a) the fuel tank is empty, (b) parts in the fuel system are removed for service, or (c) the machine is kept in storage for three months or more.



B877250

1. Fill the fuel tank and make sure the shutoff valve at the bottom of the tank is turned completely counterclockwise to (OPEN).
2. Loosen the air removal screw on the top of the fuel filter head. When air free fuel comes out, tighten the screw.
3. Turn the knob of the air removal valve (1) counterclockwise to ON.
4. Disconnect the return line 2.

Continued on next page

TILTING THE OPERATORS COMPARTMENT FORWARD

1. Start the engine and run at idle speed.

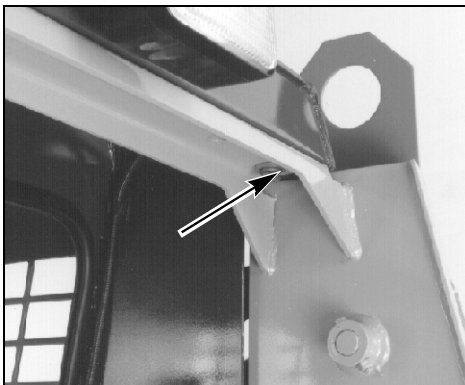


BP96C016

2. Raise the loader lift arms to full height and install the support strut.

3. Stop the engine and raise the seat bars

4. Loosen and remove the bolts, lock washers and flat washers that fasten the operators compartment to the posts on the rear of the machine.



BP96C055

5. Disconnect the seat bar locking mechanism on each side.



BP96C038

NOTE: The seat can stay with the ROPS when you rotate the ROPS forward. Do step 6 if you want to remove the seat.

6. **OPTIONAL:** Loosen and remove the two bolts that fasten the seat to the operators compartment and remove the seat.

7. Use the grab handles and pull the compartment all the way forward.



BP96C039

Damage to the ROPS

If the machine has rolled over or the ROPS has been in some other type of accident (such as hitting an overhead object during transport), you must replace the damaged ROPS components to maintain as much protection as you had originally.

After an accident, check the following for damage:

A. ROPS canopy and side screens.

B. Operator's seat.

C. Seat belt mounting bolts and seat belt.

Before you operate the machine, replace all ROPS components that are damaged.

See the parts catalog or your Case dealer for components that are replaceable.

DO NOT TRY TO WELD OR STRAIGHTEN THE ROPS.



WARNING: Do not modify ROPS in any manner. Unauthorized modifications such as welding, drilling, cutting or adding attachments can weaken the structure and reduce your protection. Replace ROPS if subjected to roll-over or damage. Do not attempt to repair.

SB026



WARNING: If you operate this machine without a ROPS and the machine rolls over, you can be injured or killed. Remove the ROPS only for service or replacement. Do not operate this machine with the ROPS removed.

SA027



WARNING: Adding additional weight (attachments, etc.) to the machine can cause injury or death. Do not exceed the gross weight printed on the ROPS label.

SA028



WARNING: The spark arrester is not intended to be used in closed areas where there is dust or vapor that can cause an explosion.

SB025



WARNING: ALWAYS fasten the seat belt and pull the seat bar down before you start the engine. Make sure the buckle for the seat belt is fastened correctly.

SB030

REMOVAL FROM STORAGE

1. Fill the fuel tank.
 2. Put coolant into the engine cooling system.
 3. Check the engine oil level.
 4. Check the condition of the engine fan belt and replace if required.
 5. Check the hydraulic fluid level.
 6. Use a petroleum base solvent and remove the Case Rust and Corrosion Preventive from the hydraulic cylinder rods and spools, etc.
 7. Install a fully charged battery.
 8. Remove air from the engine fuel lines.
- IMPORTANT:** *Before starting the engine, make sure there are no leaks, missing or broken parts.*
9. Start the engine and run at idle speed for 2 minutes. Check for leaks around the filters and drain plugs.
 10. Stop the engine and check the fluid levels of the engine cooling system and drive chain compartments. See the Engine Cooling System and Drive Chain Compartment sections for the correct procedure on checking the fluid levels.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- Please note: If there is no response to CLICKING the link, please download this PDF first and then click on it.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL