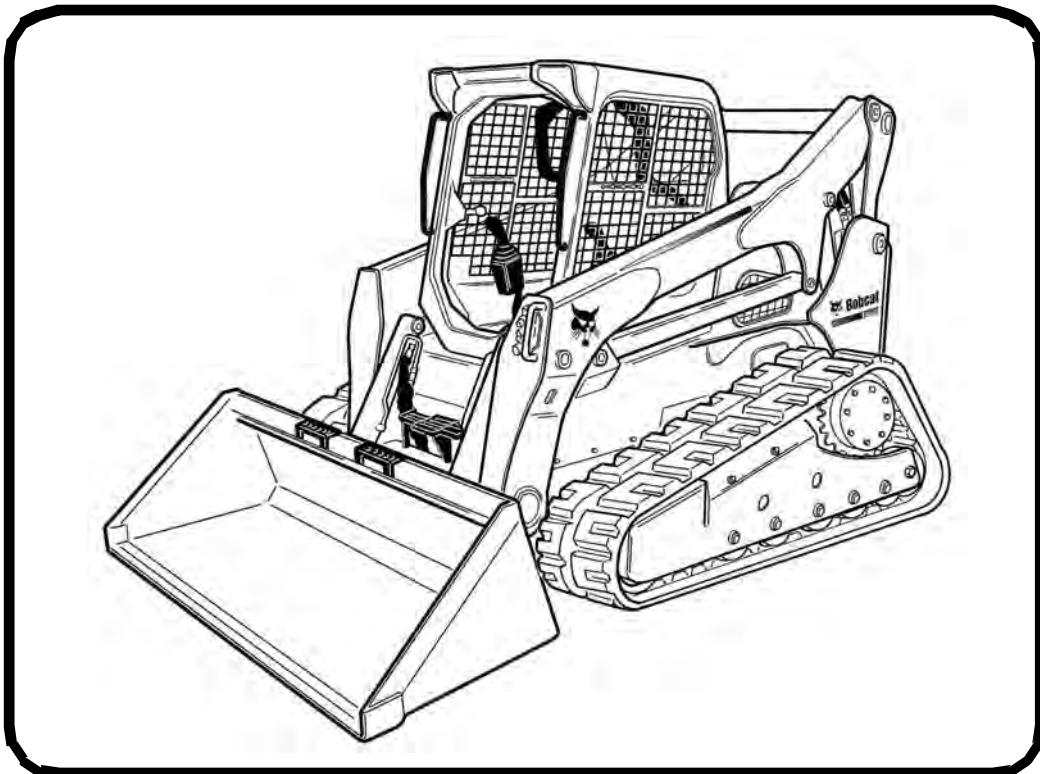




Operation & Maintenance Manual

T770 Compact Track Loader

S/N A3P811001 - A3P815999



EQUIPPED WITH
BOBCAT INTERLOCK
CONTROL SYSTEM (BICS™)



CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

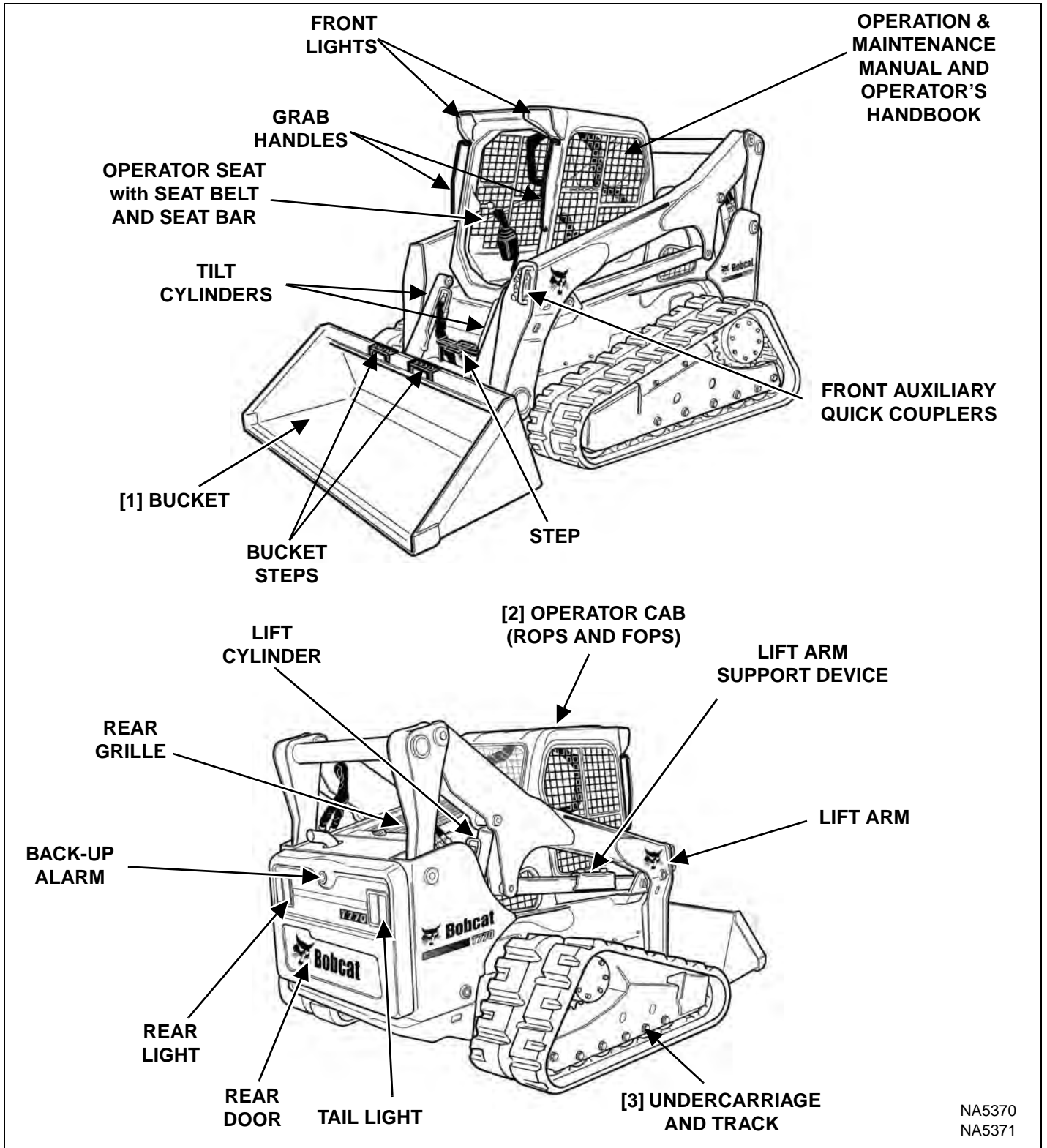
- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- 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

LOADER IDENTIFICATION



NA5370
NA5371

- [1] BUCKETS - Several different buckets and other attachments are available for the Bobcat loader.
- [2] ROPS - Roll-Over Protective Structure per ISO 3471 and FOPS - Falling-Object Protective Structure per ISO 3449, Level I. Level II is available.
- [3] UNDERCARRIAGE and TRACK - Undercarriage and Track options are available.

SAFETY INSTRUCTIONS (CONT'D)

Avoid Silica Dust



Cutting or drilling concrete containing sand or rock containing quartz may result in exposure to silica dust. Use a respirator, water spray or other means to control dust.

FIRE PREVENTION



Maintenance

The machine and some attachments have components that are at high temperatures under normal operating conditions. The primary source of high temperatures is the engine and exhaust system. The electrical system, if damaged or incorrectly maintained, can be a source of arcs or sparks.

Flammable debris (leaves, straw, etc.) must be removed regularly. If flammable debris is allowed to accumulate, it can cause a fire hazard. Clean often to avoid this accumulation. Flammable debris in the engine compartment is a potential fire hazard.

The operator's area, engine compartment and engine cooling system must be inspected every day and cleaned if necessary to prevent fire hazards and overheating.

All fuels, most lubricants and some coolants mixtures are flammable. Flammable fluids that are leaking or spilled onto hot surfaces or onto electrical components can cause a fire.

Operation

Do not use the machine where exhaust, arcs, sparks or hot components can contact flammable material, explosive dust or gases.

Electrical



Check all electrical wiring and connections for damage. Keep the battery terminals clean and tight. Repair or replace any damaged part or wires that are loose or frayed.

Battery gas can explode and cause serious injury. Use the procedure in the Operation & Maintenance Manual for connecting the battery and for jump starting. Do not jump start or charge a frozen or damaged battery. Keep any open flames or sparks away from batteries. Do not smoke in battery charging area.

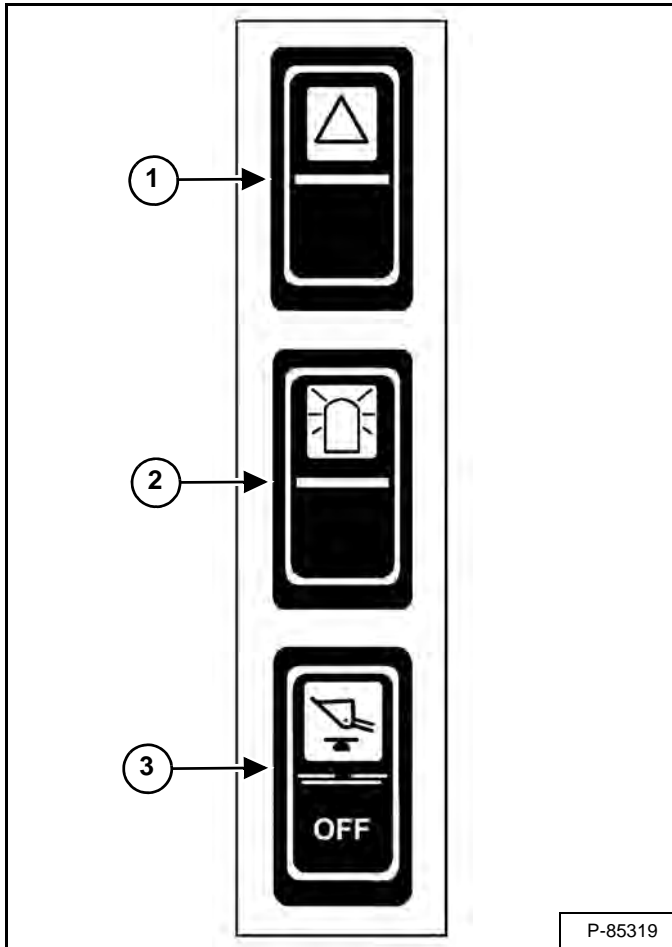
SI SSL EMEA-0913

ATTACHMENT CONTROL DEVICE (ACD)	78
Description	78
DAILY INSPECTION	79
Daily Inspection And Maintenance	79
PRE-STARTING PROCEDURE	81
Entering The Loader	81
Operation & Maintenance Manual And Operator's Handbook Locations	81
Seat Adjustment	82
Joystick Position Adjustment	83
Seat Belt Adjustment	84
Seat Bar	84
STARTING THE ENGINE	85
Standard Key Panel	85
Keyless Start Panel	87
Deluxe Instrumentation Panel	89
Cold Temperature Starting	91
Warming The Hydraulic / Hydrostatic System	91
MONITORING THE DISPLAY PANELS	92
Left Panel	92
Warning And Shutdown	92
STOPPING THE ENGINE AND LEAVING THE LOADER	93
Procedure	93
COUNTERWEIGHTS	94
Description	94
Effect On The Loader And Loader Operation	94
When To Consider Using Counterweights	94
When To Consider Removing Counterweights	94
Accessories That Affect Machine Weight	94
ATTACHMENTS	95
Choosing The Correct Bucket	95
Pallet Fork	95
Installing And Removing The Attachment (Hand Lever Bob-Tach)	96
Installing And Removing The Attachment (Power Bob-Tach)	98
TRACK UNDERCARRIAGE SYSTEM (RUBBER TRACK)	102
Introduction	102
Compact Track Loader Operating And Maintenance Tips	102
TRACK UNDERCARRIAGE SYSTEM (STEEL TRACK)	104
Introduction	104
Compact Track Loader Operating And Maintenance Tips	104

INSTRUMENT PANEL IDENTIFICATION (CONT'D)

Left Switch Panel

Figure 18

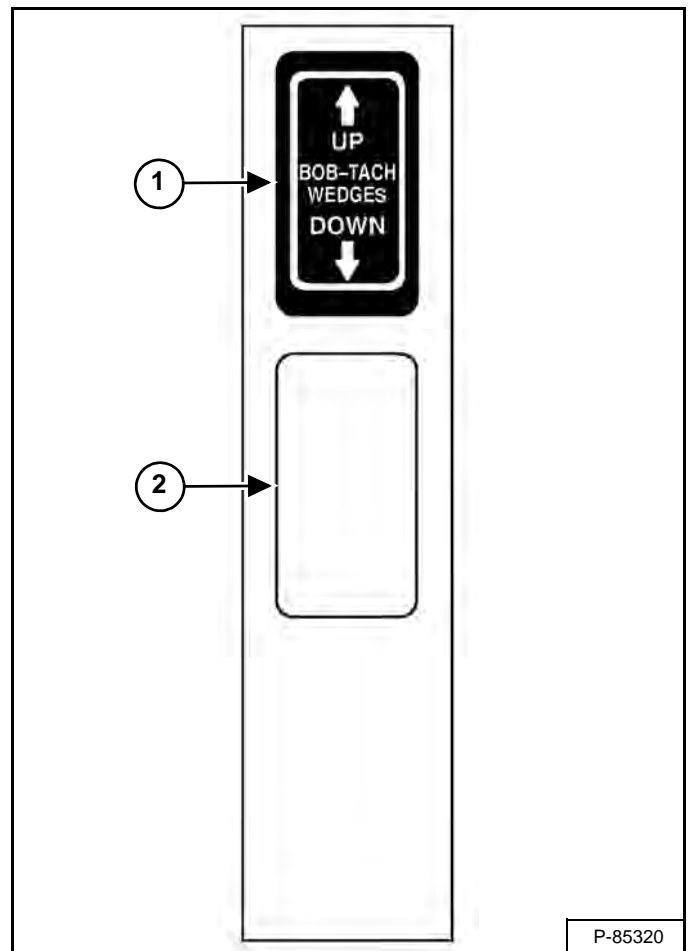


This machine may be equipped with a Left Switch Panel [Figure 18].

REF. NO.	DESCRIPTION	FUNCTION / OPERATION
1	FOUR-WAY FLASHER LIGHTS (Option)	Press the top to turn lights ON; bottom to turn OFF.
2	ROTATING BEACON (Option) <i>or</i> STROBE LIGHT (Option)	Press the top to turn light ON; bottom to turn OFF.
3	HYDRAULIC BUCKET POSITIONING (Option)	Press the top to engage Hydraulic Bucket Positioning; bottom to disengage.

Right Switch Panel

Figure 19



This machine may be equipped with a Right Switch Panel [Figure 19].

REF. NO.	DESCRIPTION	FUNCTION / OPERATION
1	POWER BOB-TACH (Option)	Press and hold the up arrow to disengage the Bob-Tach wedges. Press and hold the down arrow to engage the Bob-Tach wedges into the attachment mounting frame holes.
2	NOT USED	---

SEAT BAR RESTRAINT SYSTEM

Operation

Figure 34



The Seat Bar Restraint System has a pivoting seat bar with armrests (Item 1) [Figure 34].

The operator controls the use of the seat bar. The seat bar in the down position helps to keep the operator in the seat.

WARNING

AVOID INJURY OR DEATH

When operating the machine:

- Keep the seat belt fastened snugly.
- The seat bar must be lowered.
- Keep your feet on the pedal controls or footrests and hands on the controls.

W-2261-0909

When the seat bar is down, the engine is running, the PRESS TO OPERATE LOADER button is activated, and the brake is released, the lift, tilt, and traction drive functions can be operated.

When the seat bar is raised, the lift, tilt and traction drive functions are deactivated and both foot pedals (if equipped) will be locked when returned to NEUTRAL position.

WARNING

AVOID INJURY OR DEATH

Before you leave the operator's seat:

- Lower the lift arms and put the attachment flat on the ground.
- Stop the engine.
- Engage the parking brake.
- Raise the seat bar.
- Move all controls to the NEUTRAL / LOCKED position to make sure the lift, tilt and traction drive functions are deactivated.

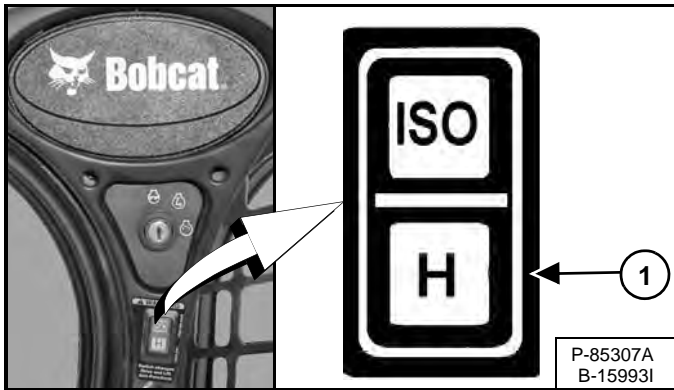
The seat bar system must deactivate these functions when the seat bar is up. See your Bobcat dealer for service if controls do not deactivate.

W-2463-1110

DRIVING AND STEERING THE LOADER (CONT'D)

Operation (SJC) In 'H' Control Pattern

Figure 61



Select the 'H' control pattern by pressing the bottom of the switch (Item 1) [Figure 61].



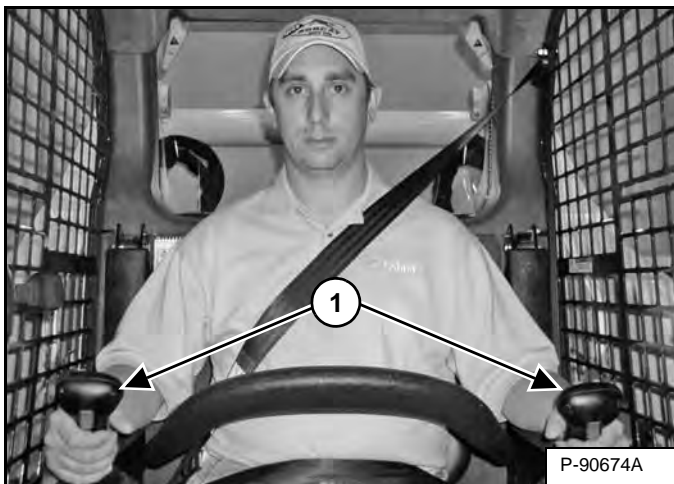
AVOID INJURY OR DEATH

When operating the machine:

- Keep the seat belt fastened snugly.
- The seat bar must be lowered.
- Keep your feet on the foot rests and hands on control levers.

W-2399-0501

Figure 62



Both joysticks control drive and steering and are located on the left and right side in front of the seat (Item 1) [Figure 62].

Move the joysticks smoothly. Avoid sudden starting and stopping.

Figure 63

Left Joystick	Right Joystick	SJC in 'H' Control Pattern
1 		FORWARD
2 		BACKWARD
3 		LEFT TURN
4 		RIGHT TURN
5 		LEFT FAST TURN
6 		RIGHT FAST TURN

B-22029A

Joystick Functions (Drive And Steering) [Figure 63]

1. **Forward Travel** - Move both joysticks forward.
2. **Backward Travel** - Move both joysticks backward.
3. **Forward Left Turn** - Move the right joystick farther forward than the left joystick.
4. **Forward Right Turn** - Move the left joystick farther forward than the right joystick.
5. **Left Fast Turn** - Move the left joystick backward and the right joystick forward.
6. **Right Fast Turn** - Move the left joystick forward and the right joystick backward.

STOPPING THE LOADER

Using The Control Levers Or Joysticks

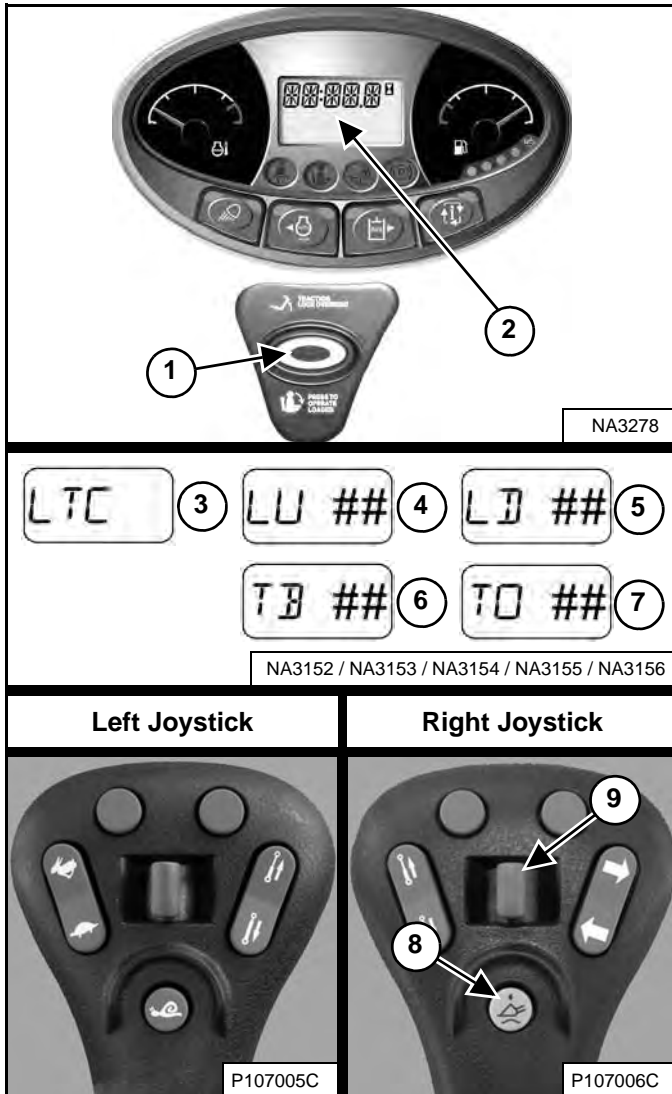
When the steering levers or joysticks are moved to the NEUTRAL position, the hydrostatic transmission will act as a *service brake* to stop the loader.

LIFT AND TILT COMPENSATION (CONT'D)

Operation (SJC)

This procedure is described using the 'H' control pattern. The procedure can be performed using the 'ISO' control pattern on SJC equipped loaders.

Figure 75



LTC - Lift and Tilt Compensation
 LU - Lift Up
 LD - Lift Down
 TB - Tilt Back
 TO - Tilt Out

1. Press and hold the float button (Item 8). Press the PRESS TO OPERATE LOADER button (Item 1). Release both buttons. This will open the lift and tilt compensation menu. **[LTC]** (Item 3) will appear in the data display (Item 2) **[Figure 75]**.

2. Move the left joystick outward and hold. **[LU ##]** (Item 4) will appear in the data display. (## will indicate the current setting.) Move the switch (Item 9) **[Figure 75]** to the right repeatedly until a slight upward movement of the lift arms is noticed. The setting will increase by one each time the switch is moved. The available range of adjustment is -25 to 35.

NOTE: If the lift arms begin to move immediately, move the switch (Item 9) **[Figure 75]** to the left repeatedly until lift arm movement stops, then move the switch to the right repeatedly until a slight upward movement of the lift arms is noticed. (This procedure also applies to the next three steps.)

3. Move the left joystick inward and hold. **[LD ##]** (Item 5) will appear in the data display. Move the switch (Item 9) **[Figure 75]** to the right repeatedly until a slight downward movement of the lift arms is noticed.
4. Move the right joystick inward and hold. **[TB ##]** (Item 6) will appear in the data display. Move the switch (Item 9) **[Figure 75]** to the right repeatedly until a slight backward tilt movement of the Bob-Tach frame is noticed.
5. Move the right joystick outward and hold. **[TO ##]** (Item 7) will appear in the data display. Move the switch (Item 9) **[Figure 75]** to the right repeatedly until a slight forward tilt movement of the Bob-Tach frame is noticed.

Saving The Lift And Tilt Compensation Setting:

The current lift and tilt compensation setting can be saved by pressing the PRESS TO OPERATE LOADER button (Item 1) **[Figure 75]**. The machine will exit from the lift and tilt compensation menu.

OR

Raise and lower the seat bar to exit from the lift and tilt compensation menu without saving. This will cancel all changes made. Press the PRESS TO OPERATE LOADER button (Item 1) **[Figure 75]** to continue machine operation.

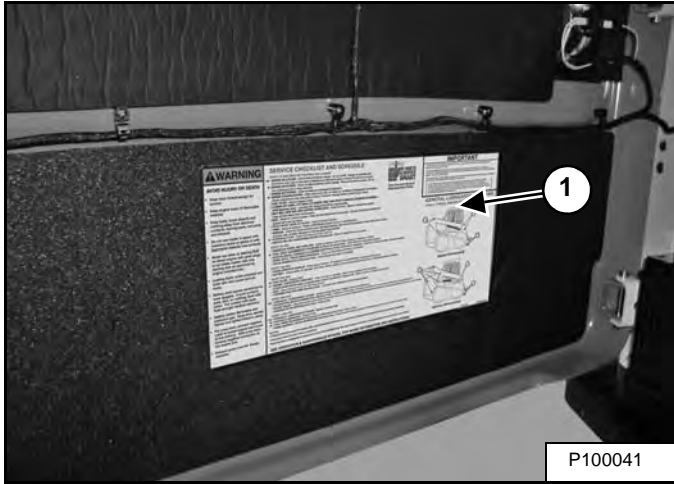
Perform several lift and tilt functions to determine if the settings match your preferences. Repeat procedure if desired.

DAILY INSPECTION

Daily Inspection And Maintenance

Maintenance work must be done at regular intervals. Failure to do so will result in excessive wear and early failures. The Service Checklist And Schedule is a guide for correct maintenance of the Bobcat loader.

Figure 103



The Service Checklist And Schedule (Item 1) [Figure 103] is located inside the rear door of the loader.

A chart format of the Service Checklist And Schedule is also available in the Preventive Maintenance section of this manual. (See SERVICE SCHEDULE on Page 125.)

WARNING

AVOID INJURY OR DEATH

- Keep door / cover closed except for service.
- Keep engine clean of flammable material.
- Keep body, loose objects and clothing away from electrical contacts, moving parts, hot parts and exhaust.
- Do not use the machine in space with explosive dusts or gases or with flammable material near exhaust.
- Never use ether or starting fluid on diesel engine with glow plugs or air intake heater. Use only starting aids as approved by engine manufacturer.
- Leaking fluids under pressure can enter skin and cause serious injury.
- Battery acid causes severe burns; wear goggles. If acid contacts eyes, skin, or clothing, flush with water. For contact with eyes, flush and get medical attention.
- Battery makes flammable and explosive gas. Keep arcs, sparks, flames and lighted tobacco away.
- For jump start, connect negative cable to the machine engine last (never at the battery). After jump start, remove negative connection at the engine first.
- Exhaust gases can kill. Always ventilate.

W-2782-0409

NOTE: Fluids such as engine oil, hydraulic fluid, coolant, etc. must be disposed of in an environmentally safe manner. Some regulations require that certain spills and leaks on the ground must be cleaned in a specific manner. See local regulations for correct disposal.

WARNING

Operator must have instructions before operating the machine. Untrained operators can cause injury or death.

W-2001-0502

STARTING THE ENGINE (CONT'D)

Deluxe Instrumentation Panel

! WARNING

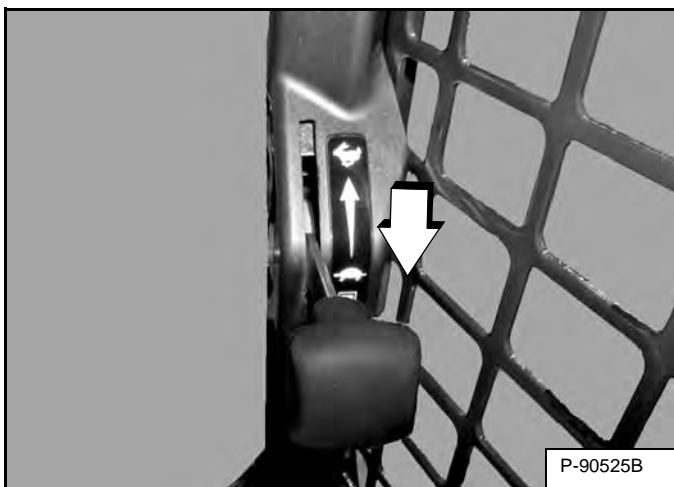
AVOID SERIOUS INJURY OR DEATH

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

W-2051-0212

Perform the PRE-STARTING PROCEDURE. (See PRE-STARTING PROCEDURE on Page 81.)

Figure 124

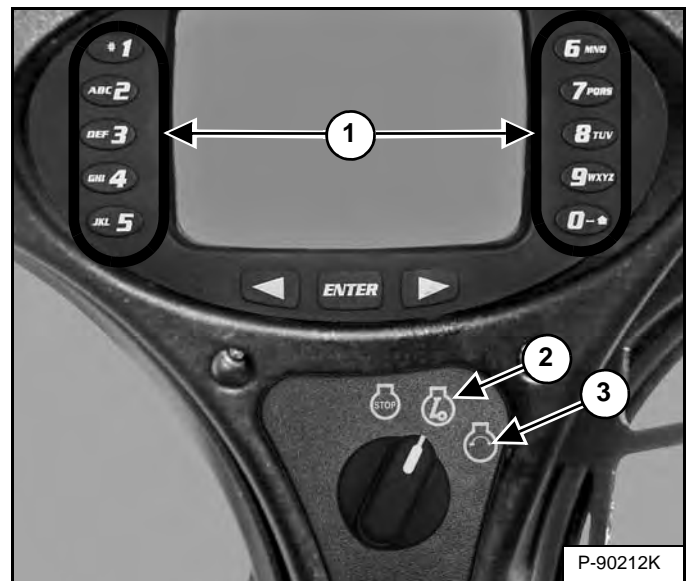


Set the engine speed control to the idle position [Figure 124].

NOTE: Loaders with a Deluxe Instrumentation Panel have a permanent, randomly generated Master Password set at the factory. Your loader will also be assigned an Owner Password. Your dealer will provide you with this password. Change the owner password to one that you will easily remember to prevent unauthorised use of your loader. (See Changing The Owner Password on Page 204.) Keep your password in a safe place for future needs.

NOTE: The Password Lockout feature can be used to allow starting of the loader without a password. (See Password Lockout Feature on Page 205.)

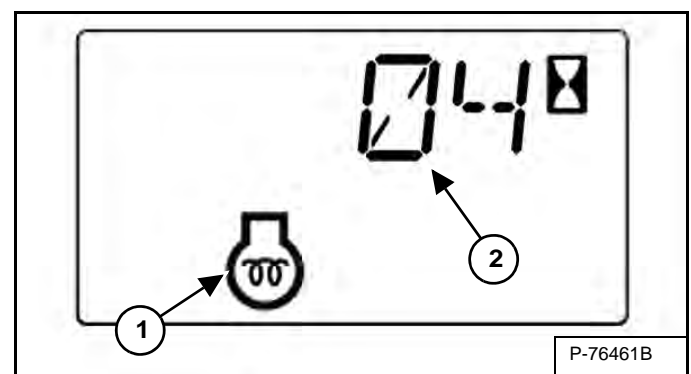
Figure 125



Turn the key switch to RUN (Item 2) [Figure 125]. The indicator lights on the left instrument panel will come ON briefly and the Instrument Panel / monitoring system will do a self test.

Use the numeric keypad (Item 1) [Figure 125] to enter the password.

Figure 126



The machine will cycle the air intake heater automatically based on temperature. The engine preheat icon (Item 1) will be ON and the cycle time remaining (Item 2) [Figure 126] will show in the data display.

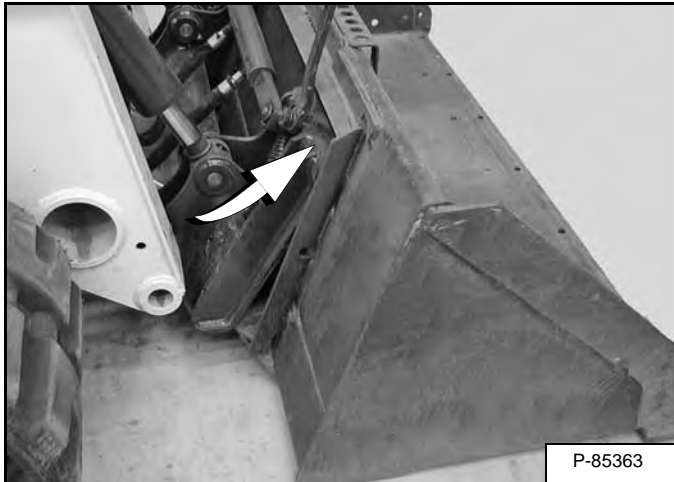
When the engine preheat icon goes OFF, turn the key switch to START (Item 3). Release the switch when the engine starts and allow it to return to the RUN position (Item 2) [Figure 125].

ATTACHMENTS (CONT'D)

Installing And Removing The Attachment (Power Bob-Tach) (Cont'd)

Installing (Cont'd)

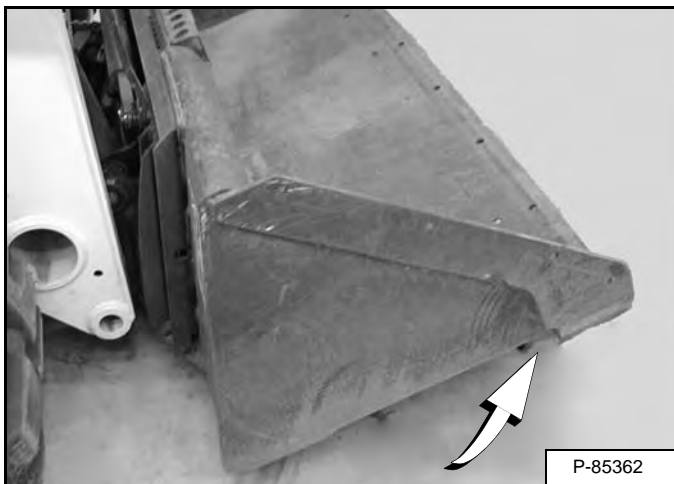
Figure 143



Drive the loader slowly forward until the top edge of the Bob-Tach is completely under the top flange of the bucket mounting frame [Figure 143] (or other attachment).

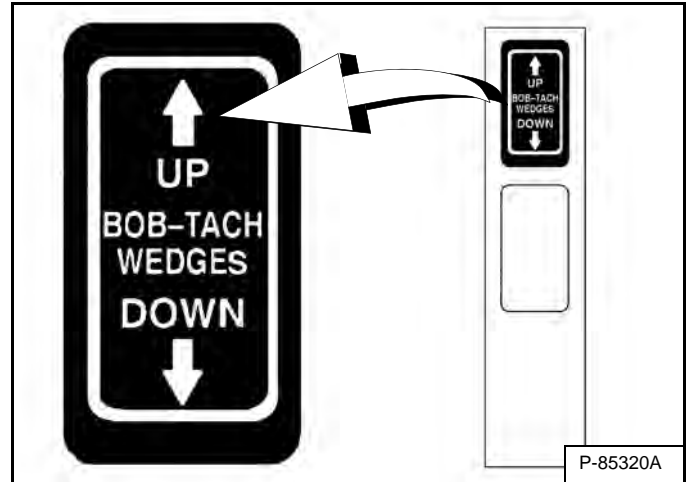
NOTE: Be sure the Bob-Tach levers do not hit the attachment.

Figure 144



Tilt the Bob-Tach backward until the cutting edge of the bucket (or other attachment) is slightly off the ground [Figure 144]. This will cause the bucket mounting frame to fit up against the front of the Bob-Tach.

Figure 145



Push and hold BOB-TACH "WEDGES UP" switch (Right Switch Panel) [Figure 145] to make sure the levers are fully raised (wedges fully raised).

NOTE: The Power Bob-Tach system has continuous pressurised hydraulic oil to keep the wedges in the engaged position and prevent attachment disengagement. Because the wedges can slowly lower, the operator may need to reactivate the switch (BOB-TACH WEDGES UP) to be sure both wedges are fully raised before installing the attachment.

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.

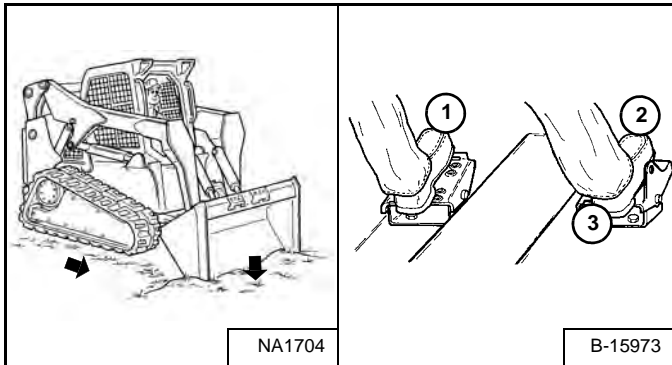
CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

OPERATING PROCEDURE (CONT'D)

Digging And Filling A Hole (Foot Pedals)

Digging

Figure 167

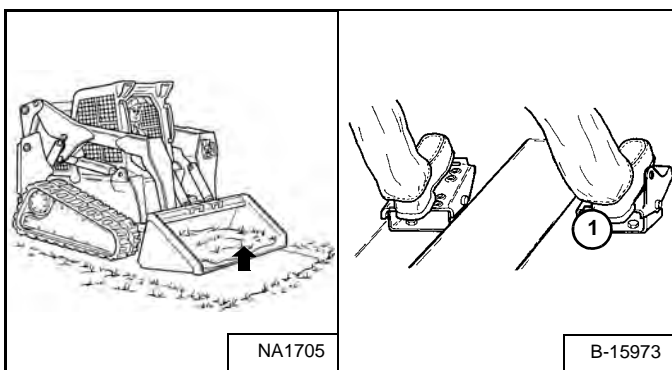


Lower the lift arms all the way (Item 1). Put the cutting edge of the bucket on the ground (Item 2) **[Figure 167]**.

Drive forward slowly and continue to tilt the bucket down (Item 2) **[Figure 167]** until it enters the ground.

Tilt the bucket backward a small amount (Item 3) to increase traction and keep an even digging depth. Continue to drive forward until the bucket is full. When the ground is hard, raise and lower the cutting edge of the bucket (Items 2 and 3) **[Figure 167]** while driving forward slowly.

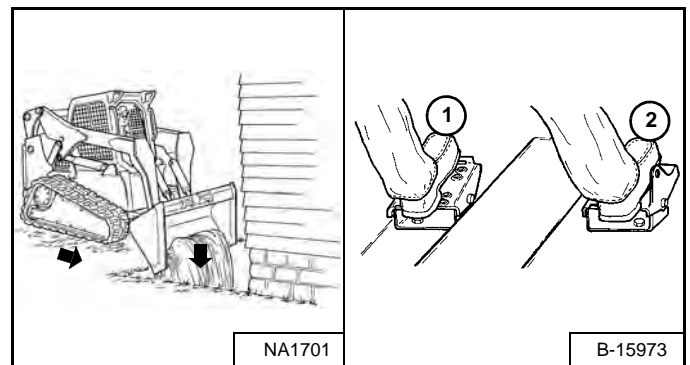
Figure 168



Tilt the bucket backward (Item 1) **[Figure 168]** as far as it will go when the bucket is full.

Filling

Figure 169



Lower the lift arms (Item 1) and put the cutting edge of the bucket on the ground (Item 2) **[Figure 169]**. Drive forward to the edge of the hole to push the material into the hole.

Tilt the bucket forward (Item 2) **[Figure 169]** as soon as it is past the edge of the hole.

If necessary, raise the lift arms to empty the bucket.

PREVENTIVE MAINTENANCE

MAINTENANCE SAFETY	123
SERVICE SCHEDULE	125
Chart	125
BOBCAT INTERLOCK CONTROL SYSTEM (BICS™)	126
Inspecting The BICS™ (Engine STOPPED - Key ON)	126
Inspecting Deactivation Of The Auxiliary Hydraulics System (Engine STOPPED - Key ON)	126
Inspecting The Seat Bar Sensor (Engine RUNNING)	126
Inspecting The Traction Lock And Parking Brake (Engine RUNNING)	126
Inspecting The Lift Arm Bypass Control	126
Inspecting Deactivation Of Lift And Tilt Functions (ACS, AHC, And SJC)	126
SEAT BAR RESTRAINT SYSTEM	127
Description	127
Inspecting	127
Maintaining	128
SEAT BELT	129
Inspection And Maintenance	129
LIFT ARM SUPPORT DEVICE	130
Installing	130
Removing	131
BACK-UP ALARM SYSTEM	132
Description	132
Inspecting	132
Adjusting Switch Position	133
OPERATOR CAB	134
Description	134
Raising	134
Lowering	135
Cab Door Sensor	136
REAR DOOR (TAILGATE)	137
Opening And Closing	137
Adjusting	137
REAR GRILLE	138
Removing	138
Installing	138

SEAT BELT

Inspection And Maintenance

WARNING

Failure to properly inspect and maintain the seat belt can cause lack of operator restraint resulting in serious injury or death.

W-2466-0703

Check the seat belt daily for correct function.

Inspect the seat belt system thoroughly at least once each year or more often if the machine is exposed to severe environmental conditions or applications.

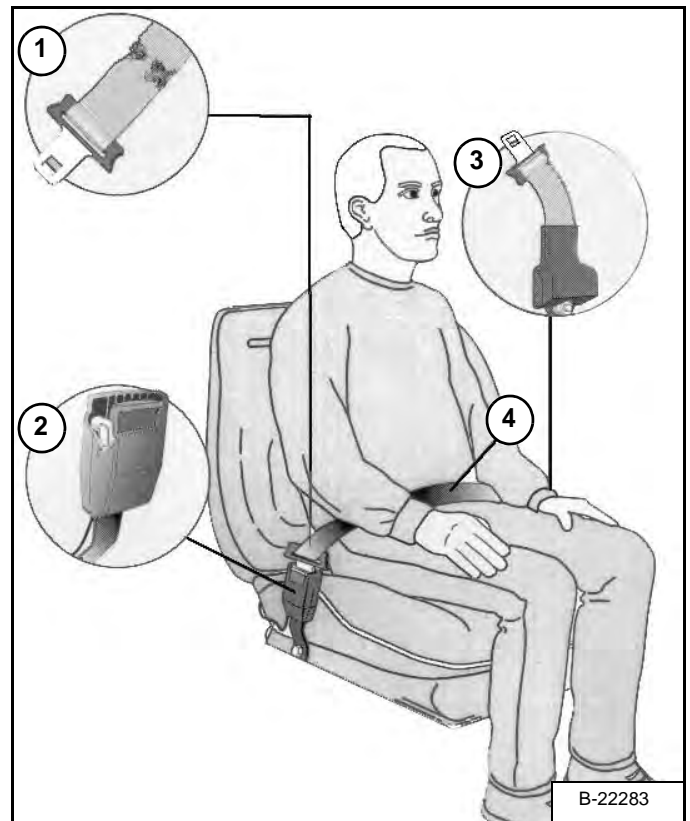
Any seat belt system that shows cuts, fraying, extreme or unusual wear, significant discolourations due to ultraviolet UV exposure, dusty / dirty conditions, abrasion to the seat belt webbing, or damage to the buckle, latch plate, retractor (if equipped), hardware or any other obvious problem should be replaced immediately.

The items below are referenced in **[Figure 191]**.

1. Check the webbing. If the system is equipped with a retractor, pull the webbing completely out and inspect the full length of the webbing. Look for cuts, wear, fraying, dirt and stiffness.
2. Check the buckle and latch for correct operation. Make sure latch plate is not excessively worn, deformed or buckle is not damaged or casing broken.
3. Check the retractor web storage device (if equipped) by extending webbing to determine if it looks correct and that it spools out and retracts webbing correctly.
4. Check webbing in areas exposed to ultraviolet (UV) rays from the sun or extreme dust or dirt. If the original colour of the webbing in these areas is extremely faded and / or the webbing is packed with dirt, the webbing strength may have deteriorated.

See your Bobcat dealer for seat belt system replacement parts for your machine.

Figure 191



HEATING, VENTILATION AND AIR CONDITIONING (HVAC)

This machine may be equipped with a Heating System or HVAC.

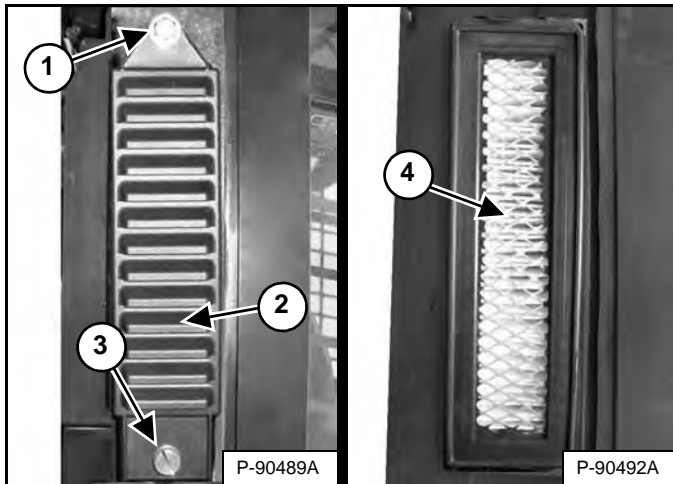
Cleaning And Maintenance

The heating and HVAC systems require regular inspection and maintenance. (See SERVICE SCHEDULE on Page 125.)

Filters

Fresh Air Filters

Figure 214



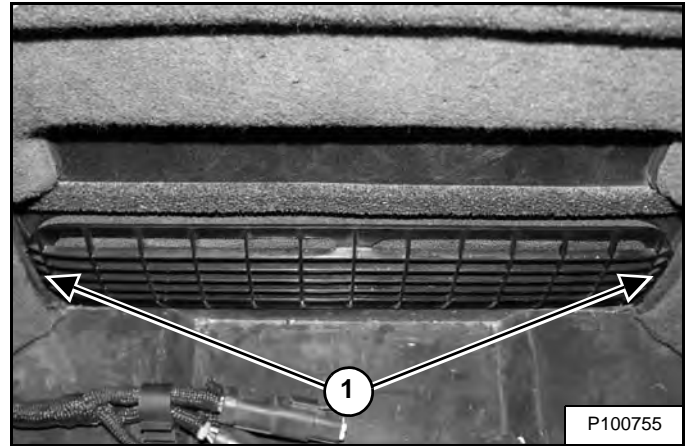
The fresh air filters are located behind the side windows outside the operator cab. (Right side shown) Remove the retaining screw (Item 3) and the filter cover (Item 2) [Figure 214]. (Lift arms shown raised for visual clarity.)

NOTE: Loosen the upper filter cover bolt (Item 1) [Figure 214] to allow removal and installation of the cover if equipped with the High-Efficiency Particulate Air (HEPA) filter kit.

Shake the filter (Item 4) [Figure 214] or use low pressure air to remove dirt. This procedure can be done several times before replacement is required. Install the filter, the filter cover, and the retaining screw.

Recirculation Filter

Figure 215



The recirculation filter is located behind the operator's seat inside the operator cab. The filter cover is held in place with three clips. Pull the cover at each end (Item 1) [Figure 215] to remove.

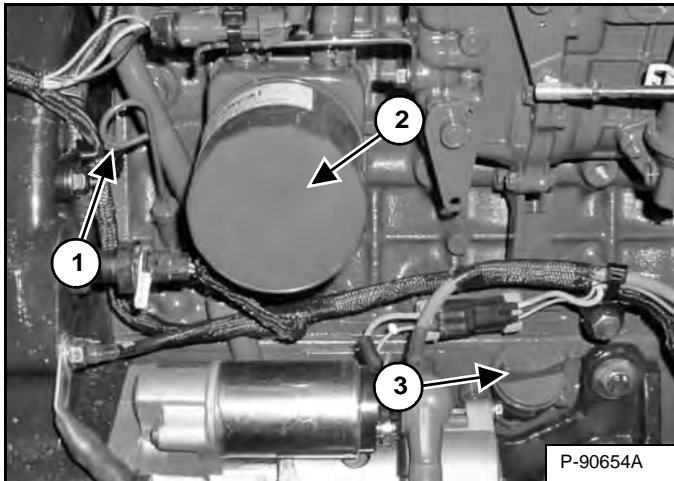
Rinse the filter elements with water or use a vacuum to clean. Do not use solvents.

Line up the clips on the filter cover with the slots provided and push the cover into place.

ENGINE LUBRICATION SYSTEM (CONT'D)

Removing And Replacing Oil And Filter (Cont'd)

Figure 237



Remove the oil filter (Item 2) [Figure 237] and clean the filter housing surface.

Use genuine Bobcat filter only.

Put clean oil on the new filter gasket, install the filter and hand tighten.

Remove the oil fill cap (Item 3) [Figure 237].

Put oil in the engine and replace the fill cap. For the correct quantity (See Capacities on Page 213.) Do not overfill.

Start the engine and let it run for several minutes. Stop the engine and check for leaks at the filter.

Remove the dipstick (Item 1) [Figure 237] and check the oil level.

Add oil as needed if it is not at the top mark on the dipstick. Install the dipstick and close the rear door.

WARNING

AVOID INJURY OR DEATH

Always clean up spilled fuel or oil. Keep heat, flames, sparks or lighted tobacco away from fuel and oil. Failure to use care around combustibles can cause explosion or fire.

W-2103-0508

ELECTRICAL SYSTEM (CONT'D)

Using A Booster Battery (Jump Starting)

If it is necessary to use a booster battery to start the engine, BE CAREFUL! There must be one person in the operator's seat and one person to connect and disconnect the battery cables.

The key switch must be OFF or the STOP button must be pressed. The booster battery must be 12 volt.

Connect the end of the second cable (Item 3) to the negative terminal of the booster battery. Connect the other end of the same cable (Item 4) [Figure 257] to the engine.

Keep cables away from moving parts. Start the engine. (See STARTING THE ENGINE on Page 85.)

After the engine has started, remove the negative (-) cable (Item 4) first. Remove the cable from the positive terminal (Item 2) [Figure 257].

WARNING

BATTERY GAS CAN EXPLODE AND CAUSE SERIOUS INJURY OR DEATH

Keep arcs, sparks, flames and lighted tobacco away from batteries. When *jumping* from booster battery make final connection (negative) at machine frame.

Do not jump start or charge a frozen or damaged battery. Warm battery to 16°C (60°F) before connecting to a charger. Unplug charger before connecting or disconnecting cables to battery. Never lean over battery while boosting, testing or charging.

W-2066-0910

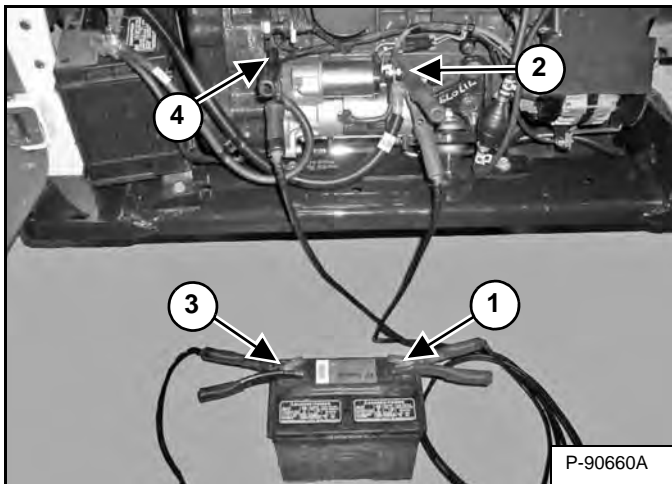
IMPORTANT

Damage to the alternator can occur if:

- Engine is operated with battery cables disconnected.
- Battery cables are connected when using a fast charger or when welding on the loader. (Remove both cables from the battery.)
- Extra battery cables (booster cables) are connected wrong.

I-2023-1285

Figure 257



Connect the end of the first cable (Item 1) to the positive (+) terminal of the booster battery. Connect the other end of the same cable (Item 2) [Figure 257] to the positive terminal on the loader starter.

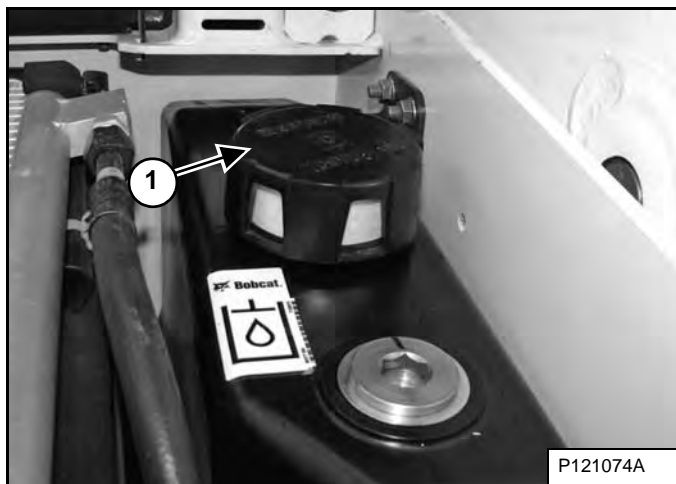
HYDRAULIC / HYDROSTATIC SYSTEM (CONT'D)

Breather Cap

See the SERVICE SCHEDULE for the correct replacement interval. (See SERVICE SCHEDULE on Page 125.)

Stop the engine and remove the rear grille. (See REAR GRILLE on Page 138.)

Figure 279



Remove the breather cap (Item 1) [Figure 279] and discard.

Install new breather cap.

Install the rear grille.

ALTERNATOR BELT

Belt Adjustment

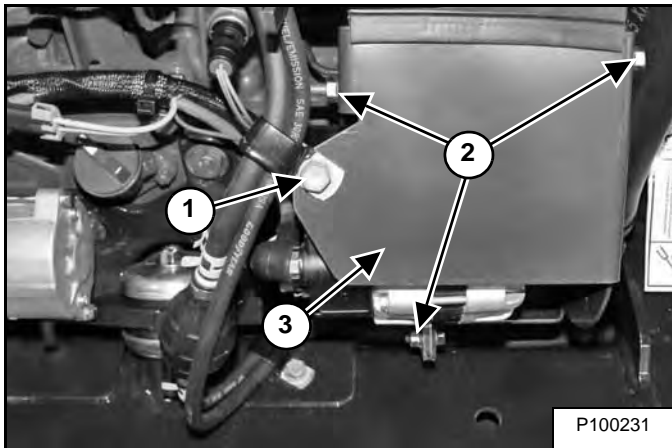
The alternator belt is a special maintenance free type that is pretensioned over the pulleys. This belt eliminates the need for a tensioning device and does not require periodic adjustment. Contact your Bobcat dealer for replacement parts.

Belt Replacement

Stop the engine and open the rear door. (See REAR DOOR (TAILGATE) on Page 137.)

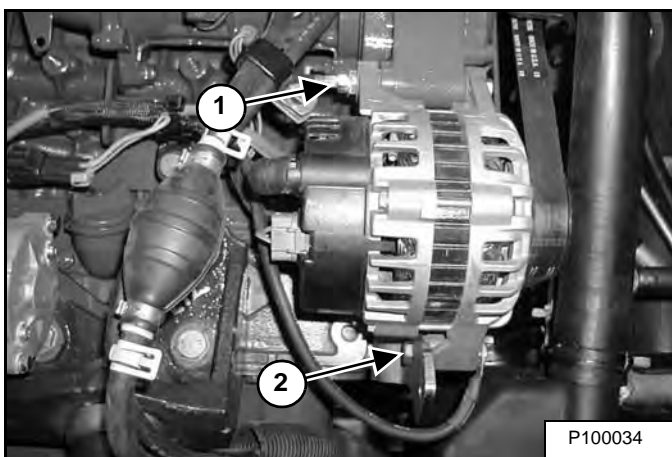
Remove the air conditioning belt. (See AIR CONDITIONING BELT on Page 180.)

Figure 304



Remove the clamp nut and bolt (Item 1). Remove the belt shield mounting nuts and bolts (Item 2) and remove the belt shield (Item 3) [Figure 304].

Figure 305

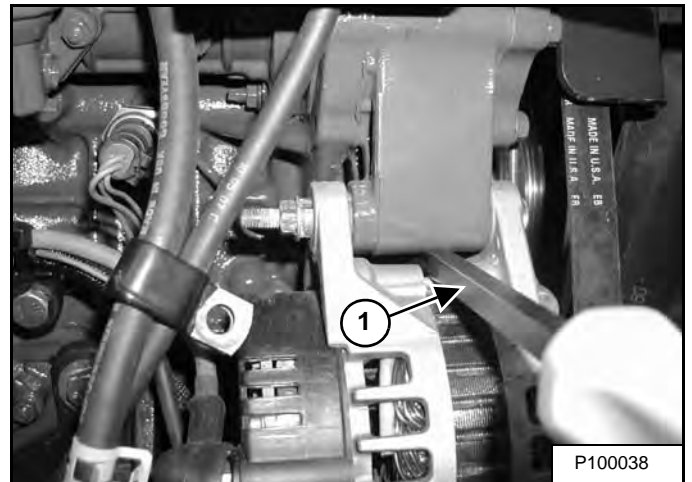


Remove the bottom alternator mounting bolt (Item 2) and loosen the top alternator mounting nut (Item 1) [Figure 305].

Move the alternator toward the engine as far as it will go and remove the belt from the pulleys. Inspect the pulleys for wear.

Install new belt.

Figure 306



Use a prybar (Item 1) [Figure 306] to move the alternator until the bottom alternator mounting bolt (Item 2) [Figure 305] can be installed.

Tighten the top alternator mounting nut (Item 1) and bottom alternator mounting bolt (Item 2) [Figure 305].

Install the air conditioning belt. (See AIR CONDITIONING BELT on Page 180.)

Install the belt shield, mounting nuts and bolts, and clamp nut and bolt [Figure 304].

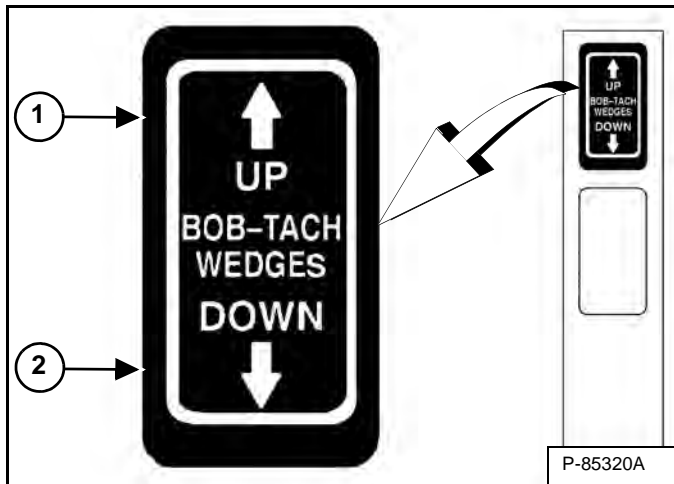
Close the rear door.

BOB-TACH (POWER)

This machine may be equipped with a Power Bob-Tach.

Inspection And Maintenance

Figure 331



Push and hold the BOB-TACH “WEDGES UP” switch (Item 1) until wedges are fully raised. Push and hold the BOB-TACH “WEDGES DOWN” switch (Item 2) [Figure 331] until the wedges are fully down.

The levers and wedges must move freely.

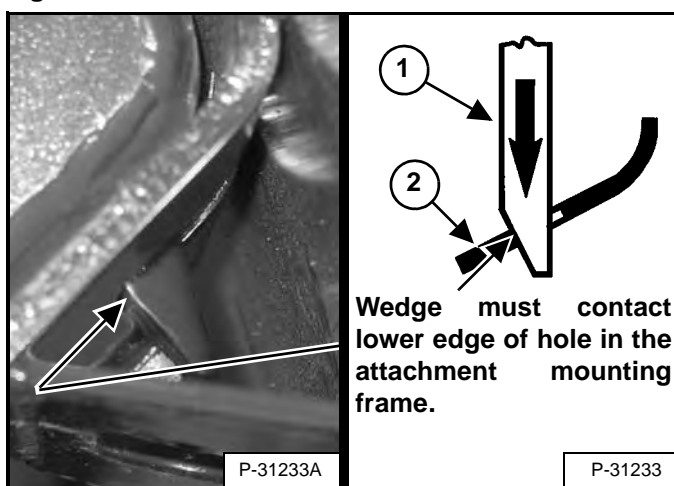
WARNING

AVOID INJURY OR DEATH

The Bob-Tach wedges must extend through the holes in the attachment mounting frame. Levers must be fully down and locked. Failure to secure wedges can allow attachment to come off.

W-2715-0208

Figure 332

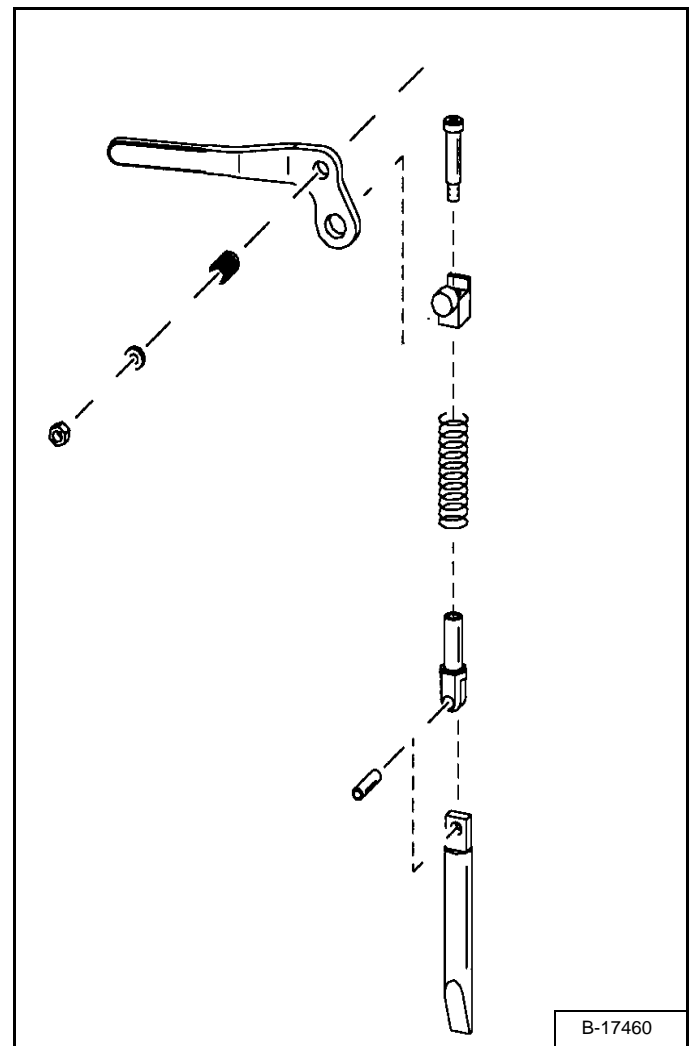


The wedges (Item 1) [Figure 332] must extend through the holes in the attachment mounting frame.

The spring loaded wedges (Item 1) must contact the lower edge of the holes in the attachment mounting frame (Item 2) [Figure 332].

If the wedges do not contact the lower edge of the holes [Figure 332], the attachment will be loose and can come off the Bob-Tach.

Figure 333



Inspect the mounting frame on the attachment and Bob-Tach, linkages and wedges for excessive wear or damage [Figure 333]. Replace any parts that are damaged, bent or missing. Keep all fasteners tight.

Look for cracked welds. Contact your Bobcat dealer for repair or replacement parts.

Lubricate the wedges. (See SERVICE SCHEDULE on Page 125.) and (See LUBRICATING THE LOADER on Page 184.)

DIAGNOSTIC SERVICE CODES (CONT'D)

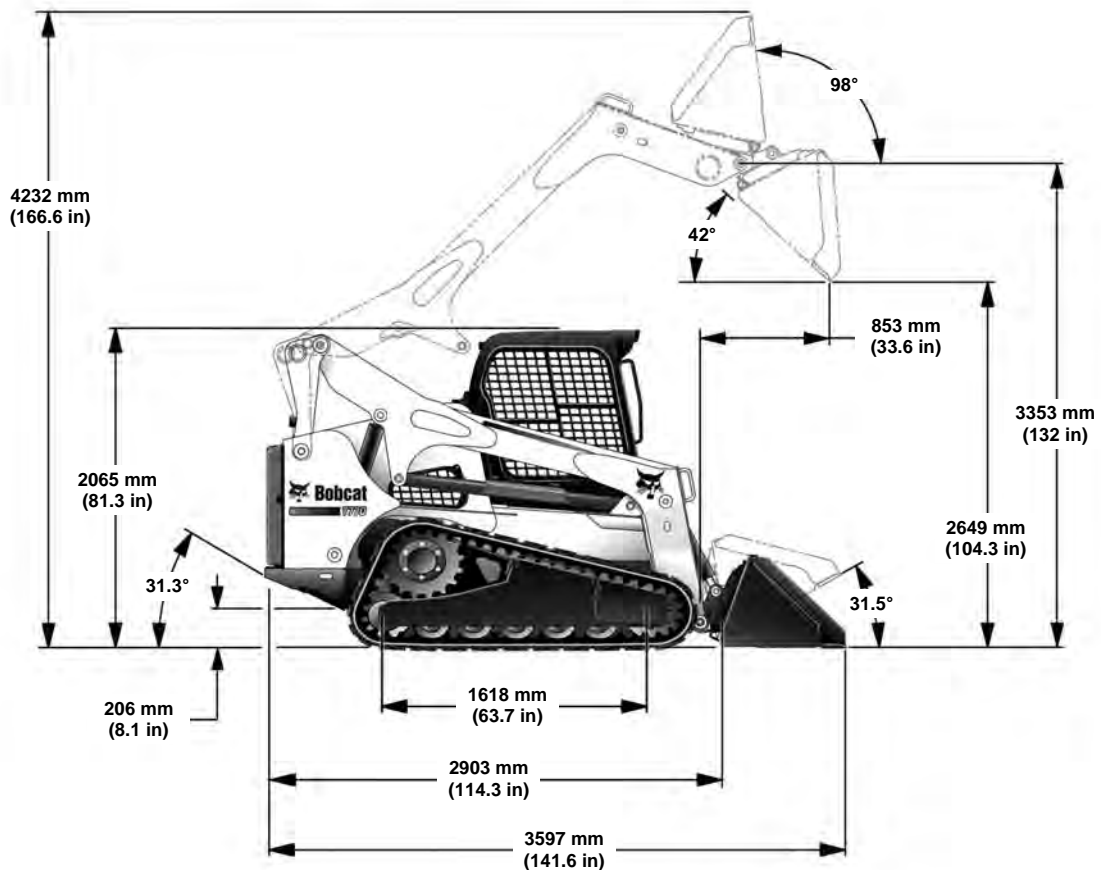
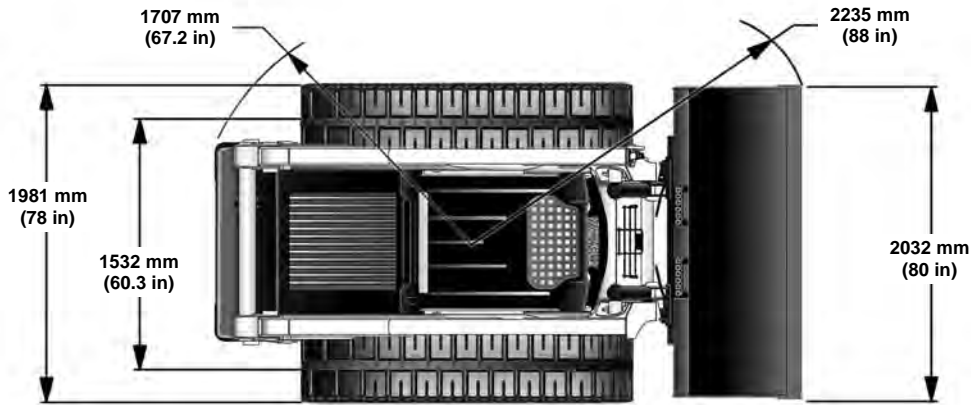
Service Codes List (Cont'd)

CODE	DESCRIPTION	CODE	DESCRIPTION
W3256	ACS (AHC) tilt handle / pedal short to battery	W3268	ACS (AHC) lift handle information error
W3257	ACS (AHC) lift actuator reduced performance	W3270	ACS (AHC) right drive handle short to earth
W3258	ACS (AHC) tilt actuator reduced performance	W3271	ACS (AHC) right drive handle short to battery
W3259	ACS (AHC) lift actuator wrong direction	W3274	ACS (AHC) left joystick X-axis out of range
W3260	ACS (AHC) tilt actuator wrong direction	W3275	ACS (AHC) interrupted unswitched power
W3261	ACS (AHC) handle lock short to earth	W3276	ACS (AHC) CAN joystick information error
W3262	ACS (AHC) handle lock short to battery	W3277	ACS (AHC) remote control information error
W3263	ACS (AHC) pedal lock short to earth	W3297	ACS (AHC) controller programmed
W3264	ACS (AHC) pedal lock short to battery	W3905	Left joystick X-axis not in NEUTRAL
W3265	ACS (AHC) sensor supply voltage out of range	W4005	Right joystick X-axis not in NEUTRAL
W3266	ACS (AHC) battery voltage out of range	W4007	Right joystick Y-axis not in NEUTRAL
W3267	ACS (AHC) switch flipped while operating		

(T770) LOADER SPECIFICATIONS

Machine Dimensions

- Dimensions are given for loader equipped with standard track and 80 in. Heavy Duty Construction and Industrial bucket and may vary with other bucket types.
- Where applicable, specifications conform to SAE or ISO standards and are subject to change without notice.



NA9522

Changes of structure or weight distribution of the loader can cause changes in control and steering response and can cause failure of the loader parts.

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