



OPERATOR'S MANUAL

LOADER LANDSCAPER

**570MXT
SERIES 3
TIER 3**



READ, UNDERSTAND, AND FOLLOW ALL SAFETY PRECAUTIONS AND INSTRUCTIONS FOUND IN THIS MANUAL BEFORE OPERATING THE MACHINE.

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


Chapter 2

SAFETY, AND SAFETY DECALS


TABLE OF CONTENTS

GENERAL AND SPECIFIC SAFETY INFORMATION	2-3
UTILITY SAFETY	2-4
OPERATOR PRECAUTIONS	2-5
Personnel Precautions	2-5
Operator - General	2-5
Proper Entry And Exit	2-5
Starting and Stopping Precautions	2-6
Operating Precautions	2-6
Maintenance Precautions	2-8
Fuel Handling Precautions	2-8
Burn Prevention	2-9
Hazardous Chemical Precautions	2-9
Transporting Precautions	2-9
Roll-Over Protective Structure	2-9
Fire Extinguisher	2-9
Seat Belt Precautions	2-9
Specific Precautions to this Machine	2-10
Installing The Support Strut For Loader Lift Arms	2-10
DECALS	2-11

DECALS

 **WARNING:** An illegible or missing decal can have far-reaching consequences. Inspect decals daily. Clean and replace damaged decals as necessary. Failure to comply can result in machine damage, injury, or death.

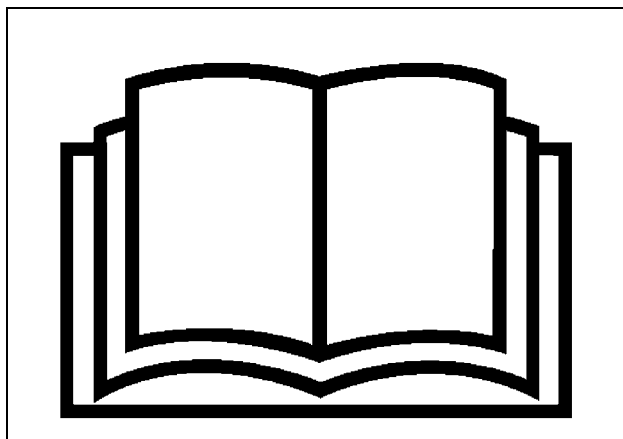
CE-NA000 Figure 17

 **WARNING:** Make sure that the decals are perfectly legible, clean them regularly and replace decals that are destroyed, lost, painted over or no longer legible with new ones. When parts bearing decals are replaced, be sure to put new decals on each new part. Failure to comply can result in machine damage, injury, or death.

CE-NA000 Figure 18

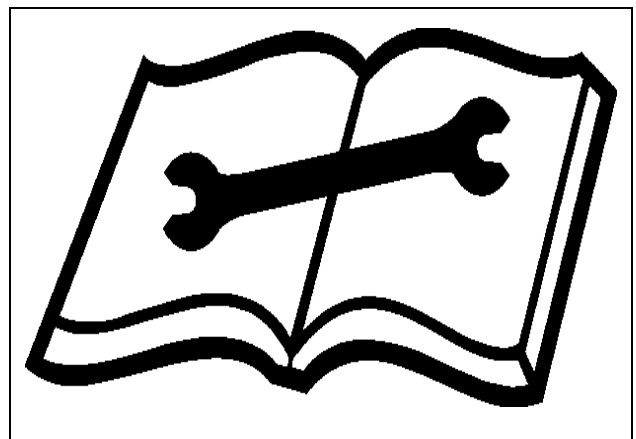
NOTE: When you clean the decals, use only a cloth, water and soap. Do not use solvents, gasoline, etc.

NOTE: This chapter only covers decals relating to safety and machine operation and servicing. For information on all decals for the machine, consult your authorized dealer.



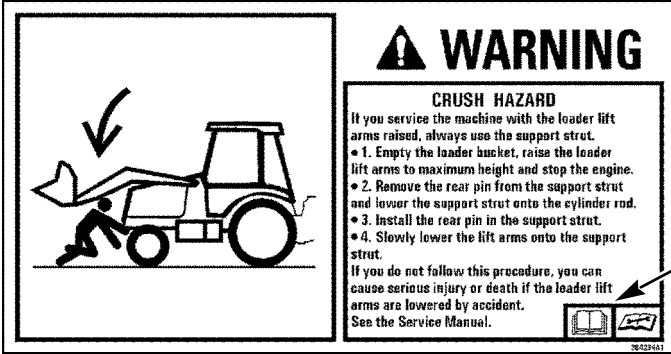
384270A1 Figure 19

This symbol instructs you to refer the Operator's Manual.



BC00G075 Figure 20

This symbol instructs you to refer to the Repair Manual.



384264A1 Figure 21

The refer to, Operator's and Repair manual symbols, may be found on the corner of Warning and Safety decals, also.

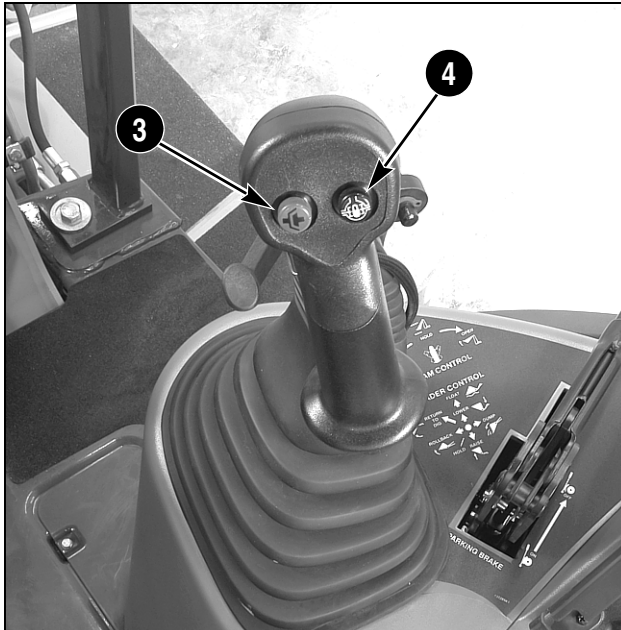
The following safety decals have been placed on your machine in the areas indicated. The following graphics are for replacement location. Safety decals are intended for the personal safety of you and those working with you. Please take this manual, walk around your machine and note the content and location of these warning decals. Review these decals with all machine operators. It is the owner's responsibility to keep the decals legible. If they are not, obtain replacements from your dealer. Part numbers are on the decal.

Chapter 3
INSTRUMENTS AND CONTROLS

TABLE OF CONTENTS

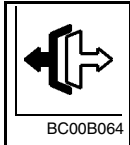
INSTRUMENTS AND CONTROLS 3-3
 OPERATOR'S COMPARTMENT CONTROLS 3-3
 TRANSMISSION CONTROLS 3-5
 PARKING BRAKE 3-7
 PARKING BRAKE ADJUSTMENT 3-7
LOADER CONTROLS 3-8
 LIFT ARM AND BUCKET CONTROL: 3-8
 CLAM CONTROL AND LOCKOUT 3-9
 LOADER CONTROL HANDLE SWITCHES 3-11
 CONSOLE CONTROLS 3-12
 INSTRUMENT CLUSTER 3-16
 THREE-POINT HITCH CONTROL 3-19
 WINDSHIELD AND CAB CONTROLS 3-25

LOADER CONTROL HANDLE SWITCHES



BI01H083

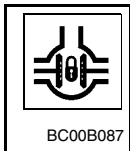
Figure 22



BC00B064

3. TRANSMISSION DISCONNECT BUTTON:

Push the transmission disconnect button to allow the engine to increase speed and supply the loader with more hydraulic oil for greater loader power and faster control function. When you push the transmission disconnect button, the transmission is disengaged from the drive wheels. Release the transmission disconnect button to engage the transmission power. The machine can move freely when the transmission disconnect button is pushed. If required, use the brake to stop the machine.



BC00B087

4. DIFFERENTIAL LOCK BUTTON

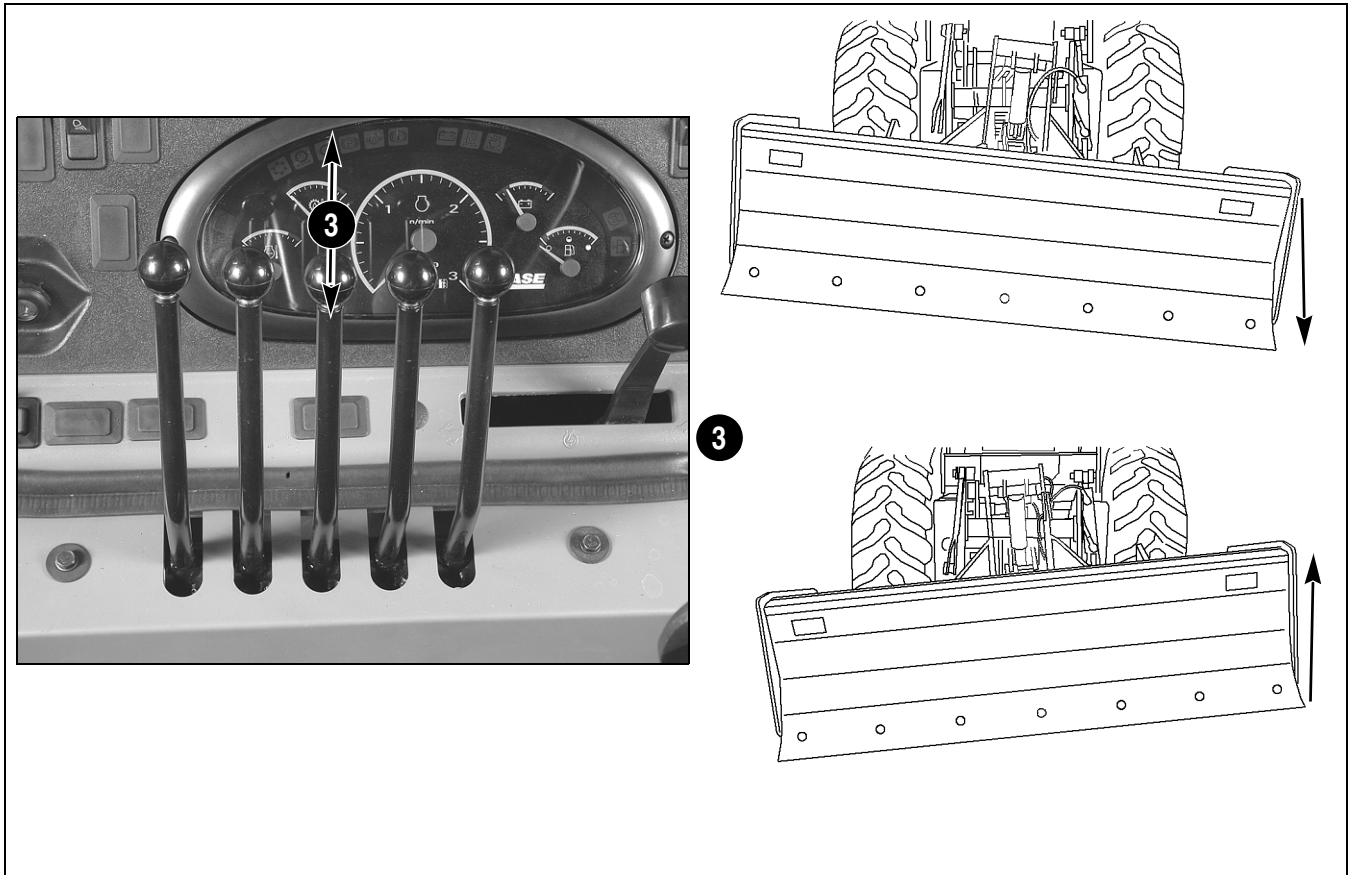
Use this momentary button for on demand differential lock situations.

To engage the differential lock use the following procedure:

- A. Before engaging the differential lock make sure that neither rear wheel is spinning freely.
- B. Press and hold the differential lock button, located on the loader control lever.
- C. To disengage the differential lock, release the differential lock button.

NOTE: *The differential lock will release automatically when the load is removed.*

Three-Point Hitch

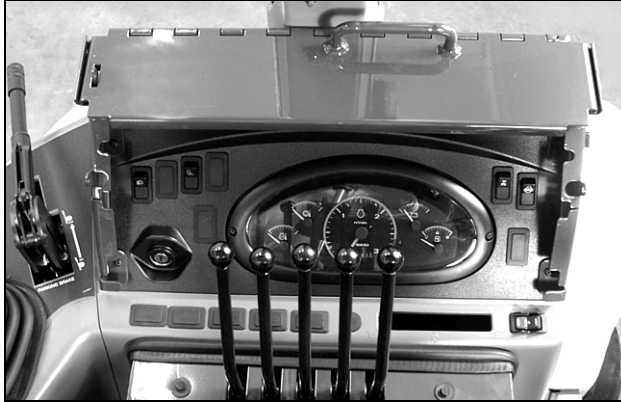


BD01D128A

Figure 21

- 3. RIGHT TILT (Standard):** Push the lever forward, away from the operator to lower the right side of the attachment. Pull the lever back to raise the right side of the attachment. The central or mid position is neutral or HOLD.

**VANDAL LOCKUP KIT FOR RIGHT SIDE
INSTRUMENT CONSOLE**



BD05J005

Figure 58



BD005J004

Figure 59

When the vandal cover is in place and locked, the console is no longer accessible.

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 OPERATION

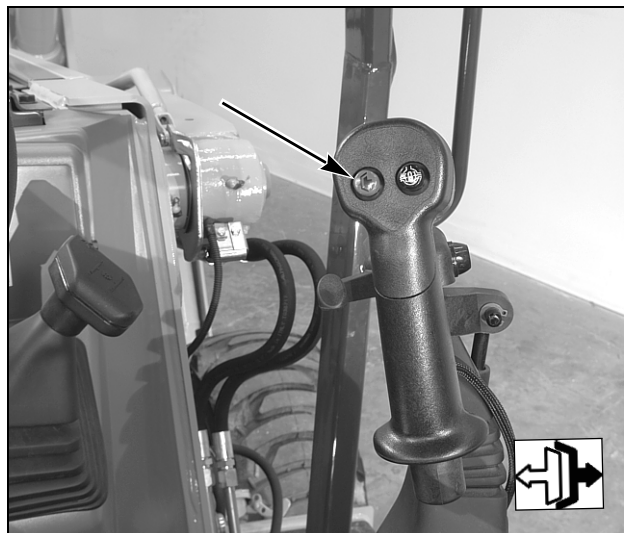
This information for loader operation does not include all possible conditions. This is basic information that is needed to operate the machine.

WARNING: *When you lower a loaded bucket, material can spill out if you do not manually roll back the bucket. The self-leveling feature does not roll back the bucket automatically when the loader is lowered. Other persons in the area can be injured if material spills from the bucket when the loader is lowered. Failure to comply could result in injury or death.*

CM101

Figure 13

Transmission Disconnect Button



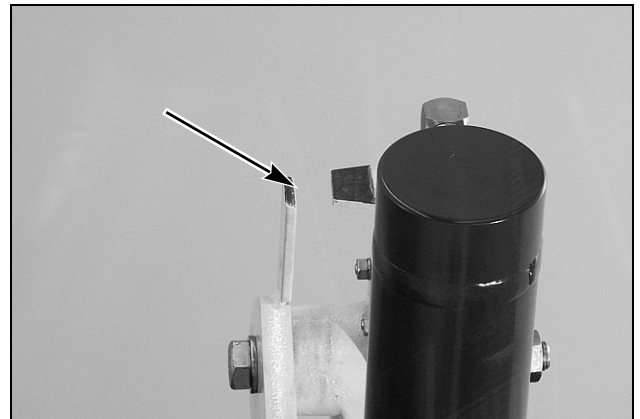
BD08C011

Figure 14

TRANSMISSION DISCONNECT BUTTON

Push the transmission disconnect button to give maximum power to the loader hydraulics. When you push the transmission disconnect button, the transmission is disengaged from the drive wheels. Release the transmission disconnect button to engage the transmission power. The machine can roll free when the transmission disconnect button is pushed. Use the brakes to stop the machine.

STANDARD BUCKET LEVEL INDICATOR



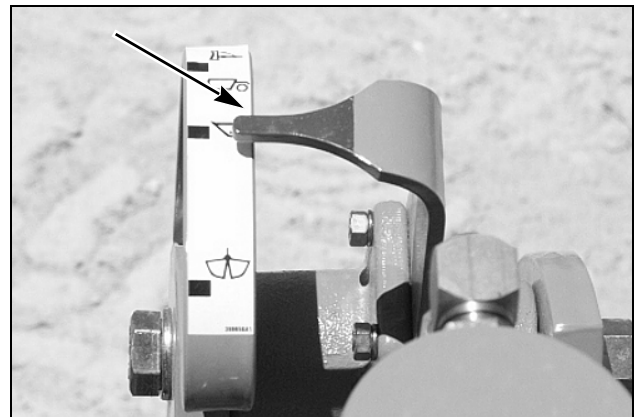
BD06A098

Figure 15

STANDARD BUCKET LEVEL INDICATOR

The bucket level indicator has two pointers on the bucket links. The bucket is level on the ground when the two pointers are opposite each other.

MULTI PURPOSE BUCKET INDICATORS



BD05E506

Figure 16

MULTI PURPOSE BUCKET POSITION INDICATOR

The bucket position indicator is located on the bucket links. This shows the correct bucket angle when the bucket is used as a clam, loader, scraper, or dozer. Put the loader bucket 12 in (0.3 m) above the ground, and tilt the bucket to the desired position.

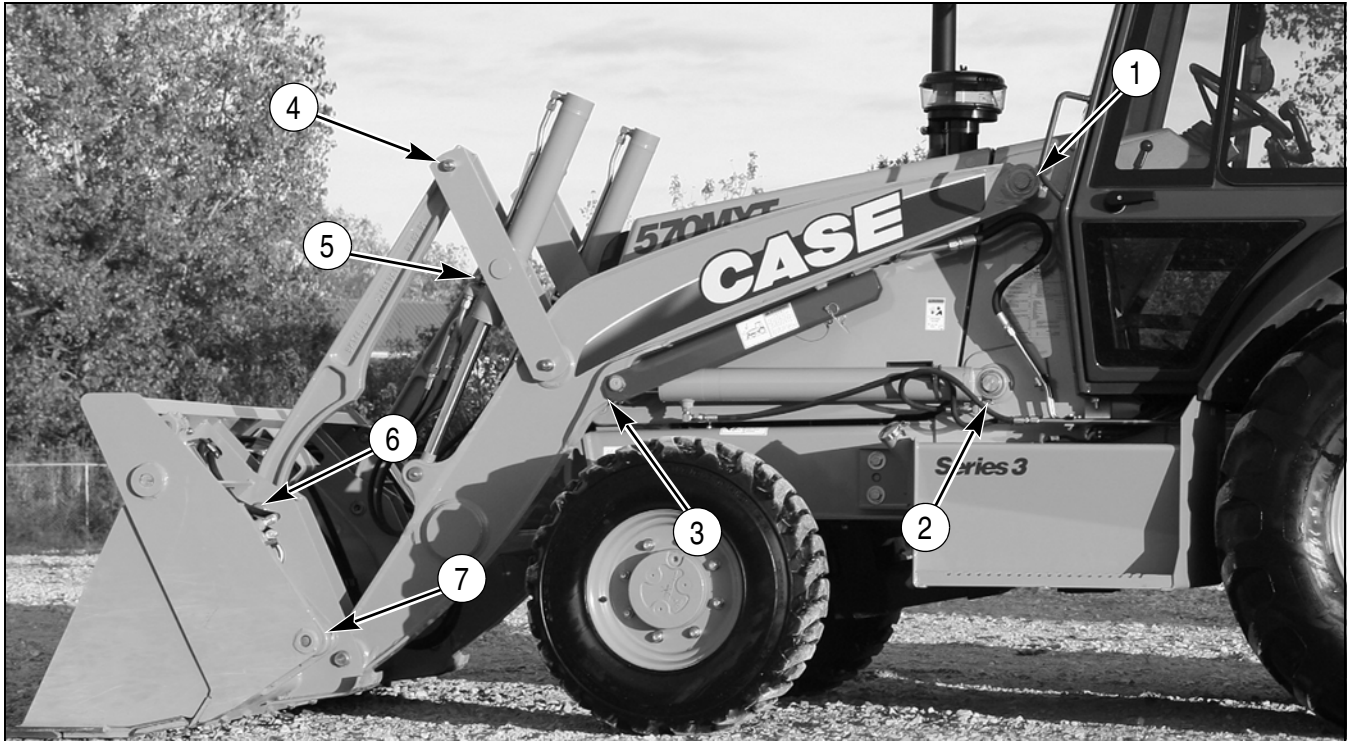
Chapter 5

LUBRICATION, FILTERS, AND FLUIDS

TABLE OF CONTENTS

LUBRICATION, FILTERS AND FLUIDS	5-3
General Safety Before You Service	5-3
Installing the Loader Lift Arm Support Strut	5-5
Relieving Hydraulic Pressure:	5-5
FLUIDS AND LUBRICANT CAPACITIES	5-6
Lubrication and Maintenance Quick Reference Chart	5-7
Lubrication and Maintenance Access	5-8
Engine Oil	5-9
10 Hour or Daily Maintenance	5-10
20 Hour Maintenance (Initial)	5-14
50 Hour Maintenance	5-16
Initial 100 hours	5-19
250 Hour Maintenance	5-22
500 Hour Maintenance	5-27
1000 Hour Maintenance	5-29
2000 Hour Maintenance	5-35

10 HOUR MAINTENANCE



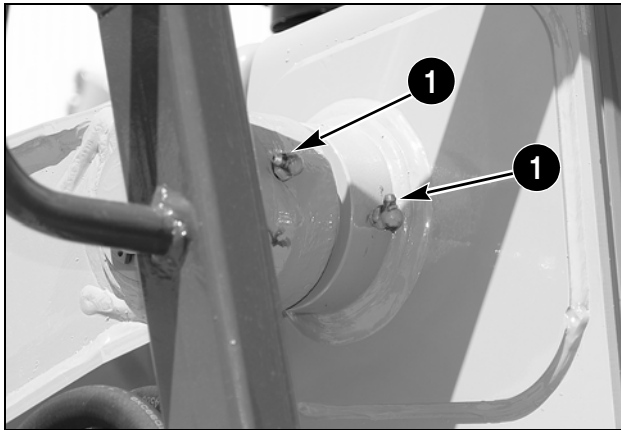
BC01G174X

Figure 21

LOADER AND MACHINE GREASE FITTINGS

Lubricate the loader pivot pins every 10 hours of operation or each day. If you operate in severe conditions, lubricate more often. Clean the fittings before lubricating.

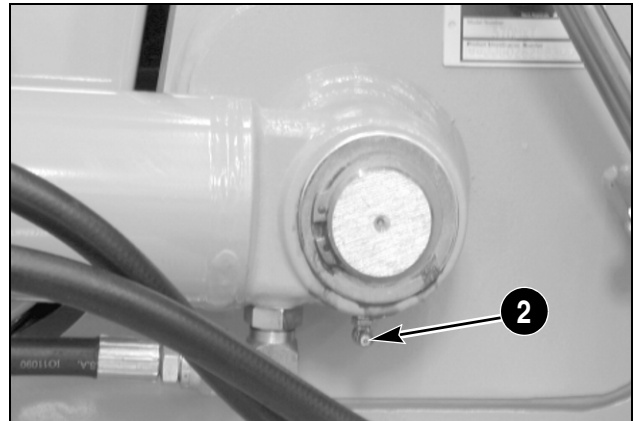
Specification Case Molydisulfide



BD08D111

Figure 22

1. Lift Arm Pivot. 2 fittings each side



BI01H013

Figure 23

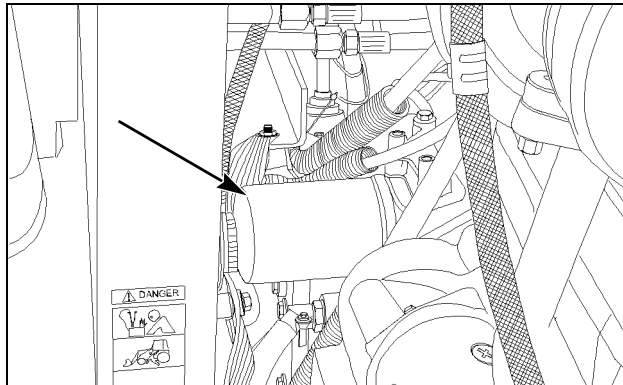
2. Lift Cylinder Closed End 1 fitting each side

INITIAL 100 HOURS

INITIAL TRANSMISSION FILTER CHANGE

Specification Hy-Tran® Ultra

1. Park the machine on firm, level ground, with the parking brake applied and a Do Not Operate tag on the key switch.
2. Have a suitable container ready to capture any fluid that might drop from the filter head or old filter.
3. Clean the area around the old filter and filter head.

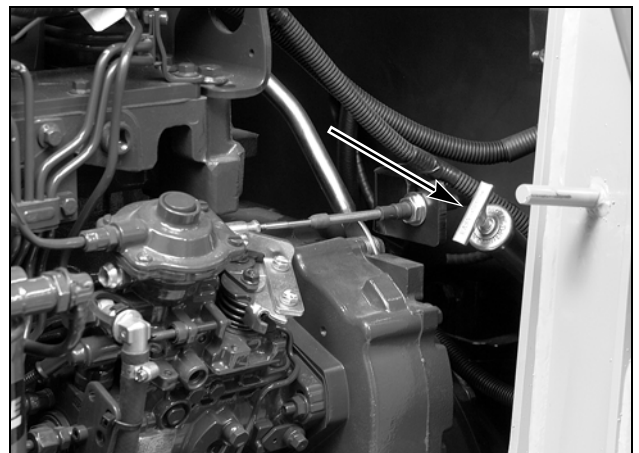


BI01H129

Figure 6

TRANSMISSION FILTER

4. Remove the old filter and clean the area around the mounting area.
5. Lubricate the gasket of the new filter with clean oil.
6. Install the new filter and turn clockwise until the gasket contacts the head of the filter assembly. Continue to tighten the filter for an additional 1/3 turn.
7. Start the engine and check for leaks around the filter.
8. Operate the machine in first and second gear for a few minutes.
9. Park the machine on a firm and level surface and apply the parking brake.



BD08D109

Figure 7

TRANSMISSION DIPSTICK AND FILL

10. Check the fluid and add more fluid if necessary.

1000 HOUR MAINTENANCE

REAR AXLE OIL CHANGE

Service Specifications

Center bowl capacity 15 qt (14.2 L)

Each wheel end 1.6 qt (1.5 L)

Type Hy-Tran® Ultra and Axle Oil Additive

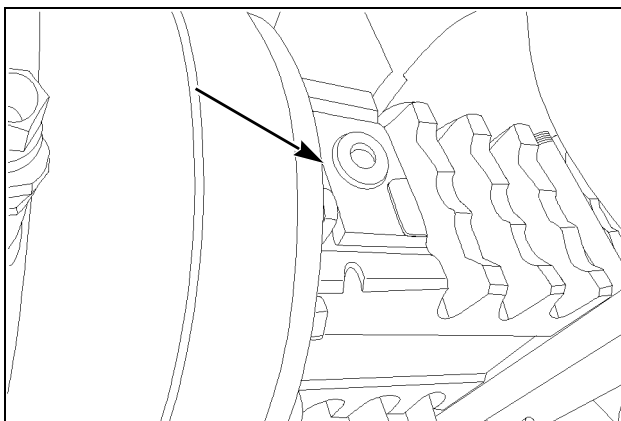
Change the rear axle oil when the hour meter registers 1000 and every 1000 hours thereafter. The oil will drain more completely when near operating temperature.



BD08D060

Figure 10

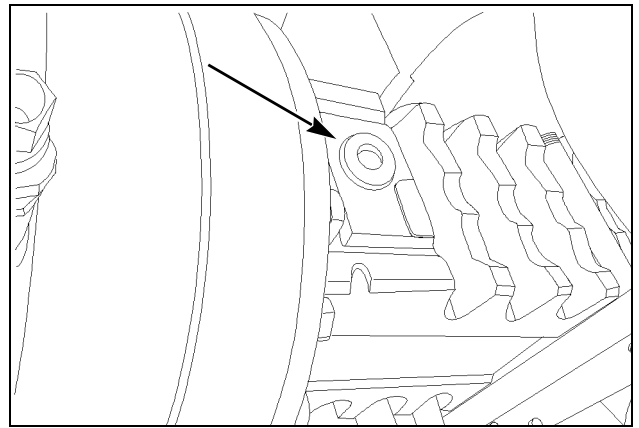
1. Keep all unauthorized personnel clear of the area. Park the machine on a firm, level surface, with the drain plug as shown, and place a Do Not Operate on the key switch.



BI01H121

Figure 11

2. Place suitable containers under the drain plug and center bowl plugs and drain the old oil.
3. After the oil is drained, install the plugs.



BI01H124

Figure 12

CENTER BOWL PLUG

4. Add Case Akcela axle oil additive and then the specified amount of new oil to the center bowl.

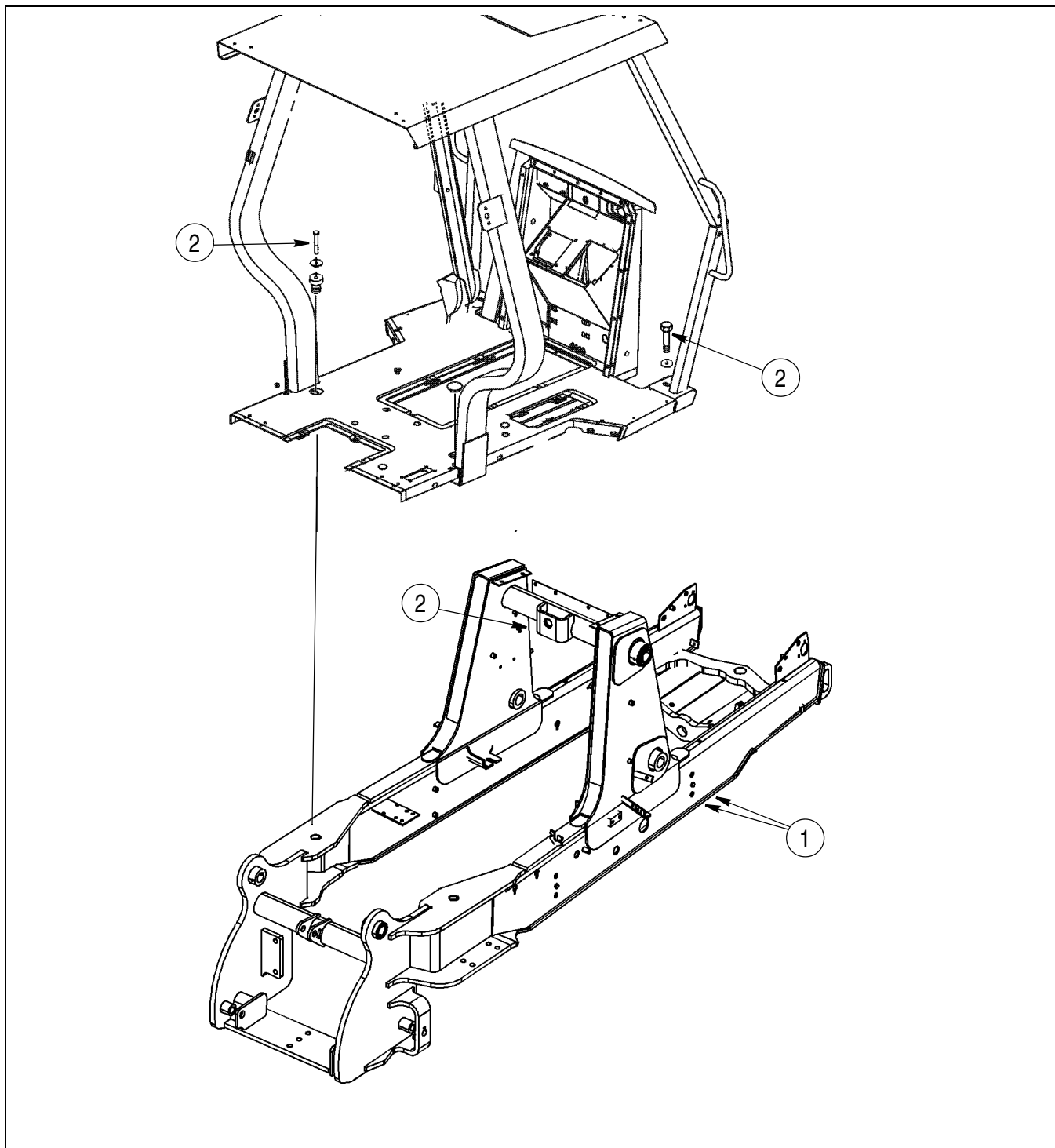


BD08D054

Figure 13

5. Rotate the plug into the fill/check position shown and add new oil until it just begins to run out of the orifice.

MOUNTING BOLTS FOR ROPS CANOPY, ROPS CAB AND LOWER FRAME



BS01H200/ BS07181A

Figure 4

TORQUE SPECIFICATIONS

Mounting bolts are the same for the ROPS canopy and the ROPS cab.

- (1) 93 to 112 pound-feet (125 to 150 Nm)
- (2) 220 to 264 pound-feet (298 to 358 Nm)

MACHINE STORAGE

LONG TERM STORAGE PREPARATION

Geographic, environmental and actual storage conditions make it difficult to follow a set storage procedure. The following procedure is for a storage period of 6 months or longer. This procedure is a good starting point but may not be all inclusive. If you have questions about storing your machine, contact your Dealer.

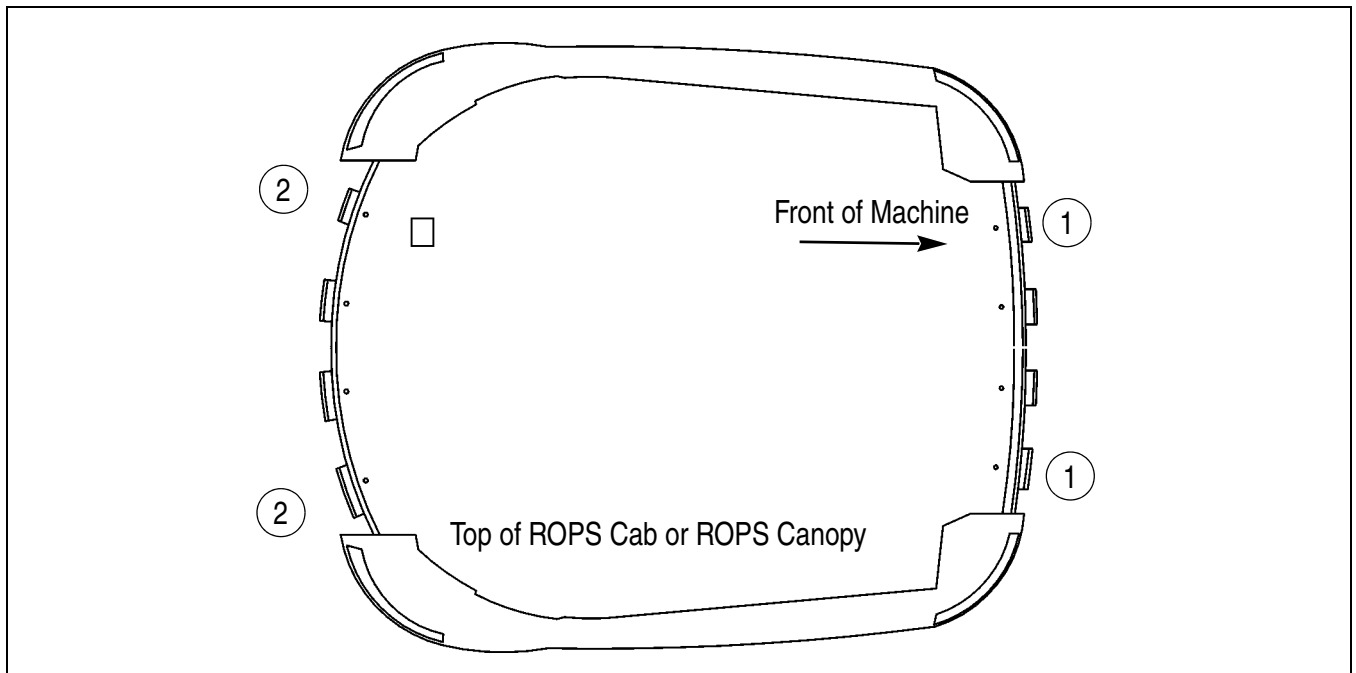
1. Wash the machine.
2. Replace any worn or damaged parts and components.
3. Park the machine inside a building. If a building is not available, park the machine in a dry area on planks, and cover the machine with a waterproof cover.
4. Lubricate the machine grease fittings.
5. Paint areas that may have been scuffed or deteriorated due to operating environments.
6. Move all hydraulic controls through their complete ranges several times to relieve pressure in the circuits.
7. Drain the fuel tank.
8. Put approximately 2 gal. (8 L) of diesel flushing oil in the fuel tank. Run the engine until exhaust smoke is blue/white.
9. Drain the flushing oil from the fuel tank.
10. Fill the fuel tank and add a diesel fuel conditioner by following the directions on the container.
11. Change the engine oil, and replace the oil filter.
12. Drain the cooling system. Leave the drain valves open and do not tighten the radiator cap.
13. Place a Do Not Operate tag on the steering wheel.
14. Cover the exposed cylinder rods, equipment valve spools, with a rust and corrosion preventive.
15. Clean and charge the battery or batteries. If necessary, move the battery(ies) to a wooden pallet in a temperature controlled environment.
16. Check the battery(ies) periodically for the correct electrolyte level. Wear face protection and test the electrolyte with a hydrometer. When the hydrometer reading is near 1.215, charge the battery (ies).
17. Block the machine up so the tires are just off the surface, if possible.

IMPORTANT: *Extreme precautions must be taken when blocking a machine up for long periods. Block the machine with the tires just off the surface. No more than 1 in (25.4 mm) above the surface.*

REMOVAL FROM STORAGE

Do not start the engine until steps 1 through 13 have been done.

1. If the machine was blocked, lower it to the ground.
2. Change the fuel filters.
3. Fill the engine cooling system.
4. Check the condition of the drive belts. Replace if necessary.
5. Check the engine oil level.
6. Check the hydraulic oil level.
7. Check the transmission oil level.
8. Replace the engine air filters. Replace cab air filters, if equipped.
9. Check the oil level of the rear axle. Check the front of the 4WD axle, if equipped.
10. Lubricate the machine grease fittings.
11. Use a petroleum based solvent, and remove the rust and corrosion preventative.
12. Install the battery(ies).
13. Lubricate the turbocharger by priming the lines with oil before starting.
14. Start the engine.

DRIVING AND FLOOD LAMPS

B9412114T

Figure 21

- 1. DRIVING LAMP
- 2. FLOOD LAMP

REPLACING LAMP

Tip the entire lamp down to access the back.

Remove the two screws holding the lamp assembly in place.

Disconnect the lamp and replace.

VERTICAL ADJUSTMENT OF DRIVING AND WORK LAMPS

The cross bolt in the lamp mounting bracket must be loosened before the lamp is moved. Moving the lamp without loosening the cross bolt can cause damage to the plastic housing.

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