

**570MXT
Series 3
Loader Landscaper
Operator's Manual**

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1st edition
English 01/10



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BD08D066

Figure 13

1. AIR INTAKE	4.FRONT TIE DOWN
2. LOADER LIFT ARMS	5.HYDRAULIC TANK - FILL AND SIGHT GAUGE
3. 4 IN 1 BUCKET	6. BATTERY BOX

Figure 14

SPECIFIC PRECAUTIONS TO THIS MACHINE

- Keep the load or tool as low as possible while moving the machine around the jobsite.
- If you service the machine with the loader lift arms raised, always use the support strut.

WARNING: *If you service the machine with the loader lift arms raised, always use the support strut.*

1. Empty the loader bucket, raise the loader lift arms to maximum height and stop the engine.
2. Remove the rear pin from the support strut and lower the support strut onto the cylinder rod.
3. Install the rear pin in the support strut.
4. Slowly lower the lift arms onto the support strut.



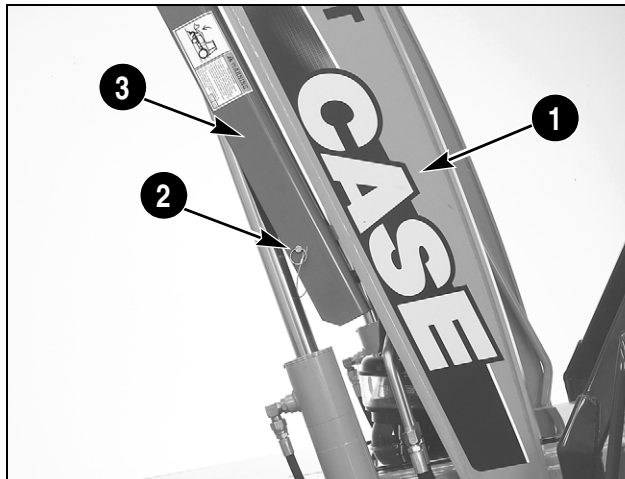
If you do not follow this procedure, you can cause death or serious injury if the loader lift arms are lowered unexpectedly.

SA068

Figure 13

INSTALLING THE SUPPORT STRUT FOR LOADER LIFT ARMS

1. Keep all unauthorized personnel clear of the area. Park the machine on firm, level ground.

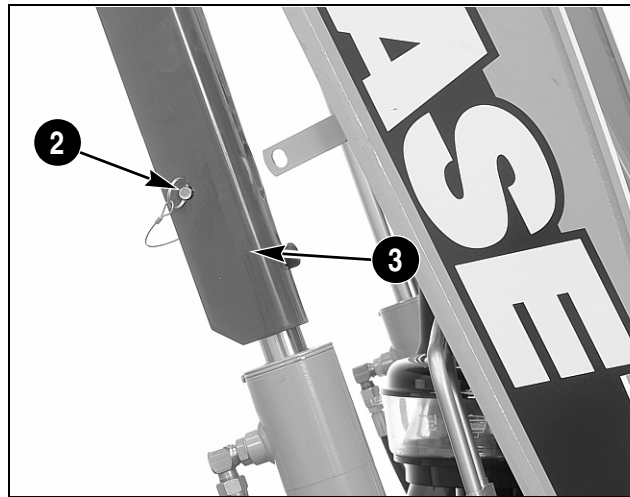


BD08D073

Figure 14

LOADER LIFT ARM

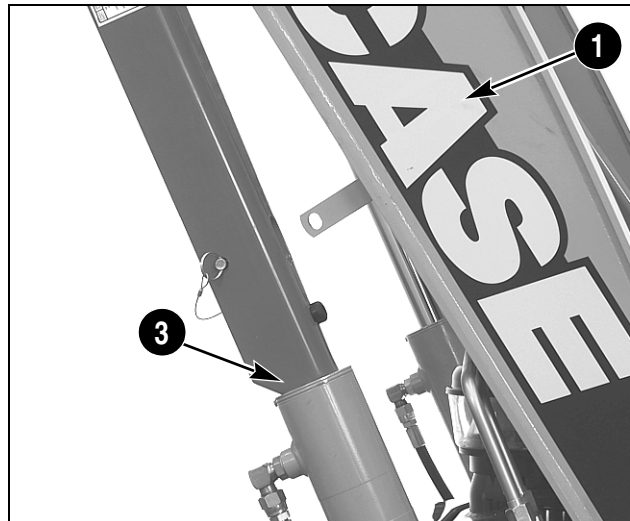
2. Raise the loader lift arms (1) to maximum height and stop the engine.
3. Remove the support strut pin (2), and lower the support strut (3) onto the cylinder rod.



BD08D074

Figure 15

4. Install the support strut pin (2) onto the support strut (3).



BD08D075

Figure 16

5. Slowly lower the lift arms (1) until the support strut (3) makes contact with the cylinder, as shown.

Removing the loader support strut:

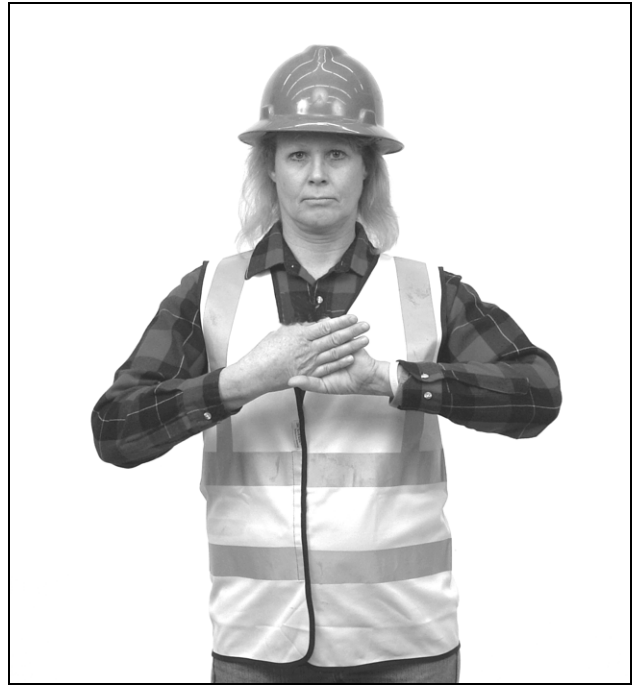
1. Raise the loader lift arms, and remove the pin from the support strut.
2. Raise the support strut up to the storage position, and install the pin.
3. Lower the attachment to the ground.



BD08B639

Figure 38

GO THIS FAR



BD08B644

Figure 40

ALL STOP AND HOLD



BD08B640

Figure 39

STOP

Move one hand back and forth.



BD08B636

FIGURE 41

EMERGENCY STOP

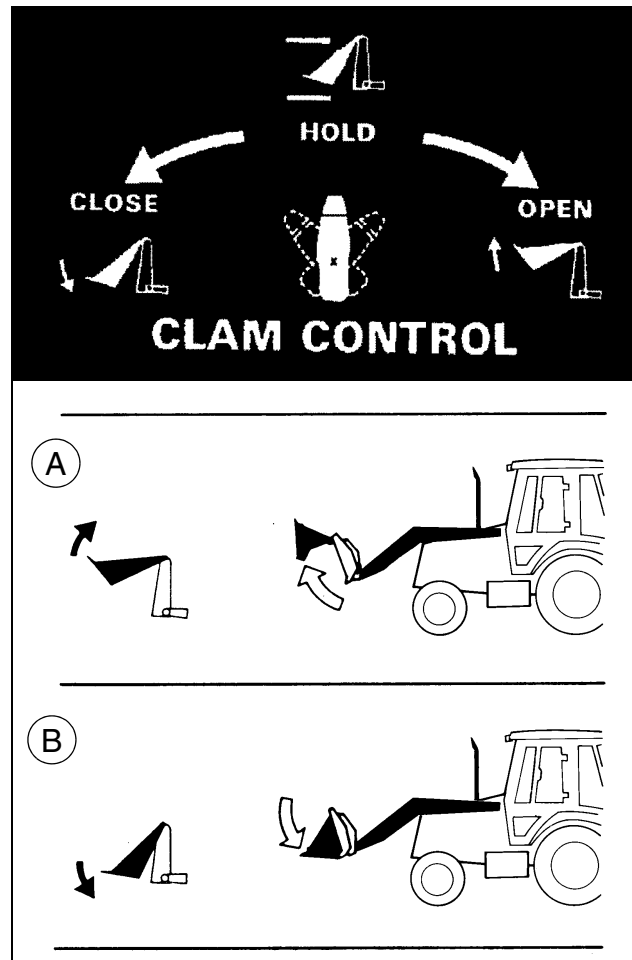
Move both hands up and down.



BD08C021

Figure 20

- H. CLAM CLOSED: Pivot the handle to the left to close the bucket.
- I. HOLD - NEUTRAL: The clam stops moving when the control handle is in HOLD. The clam control handle is equipped with a lock latch. The latch should be in the LOCKED position when the clam is not in use.

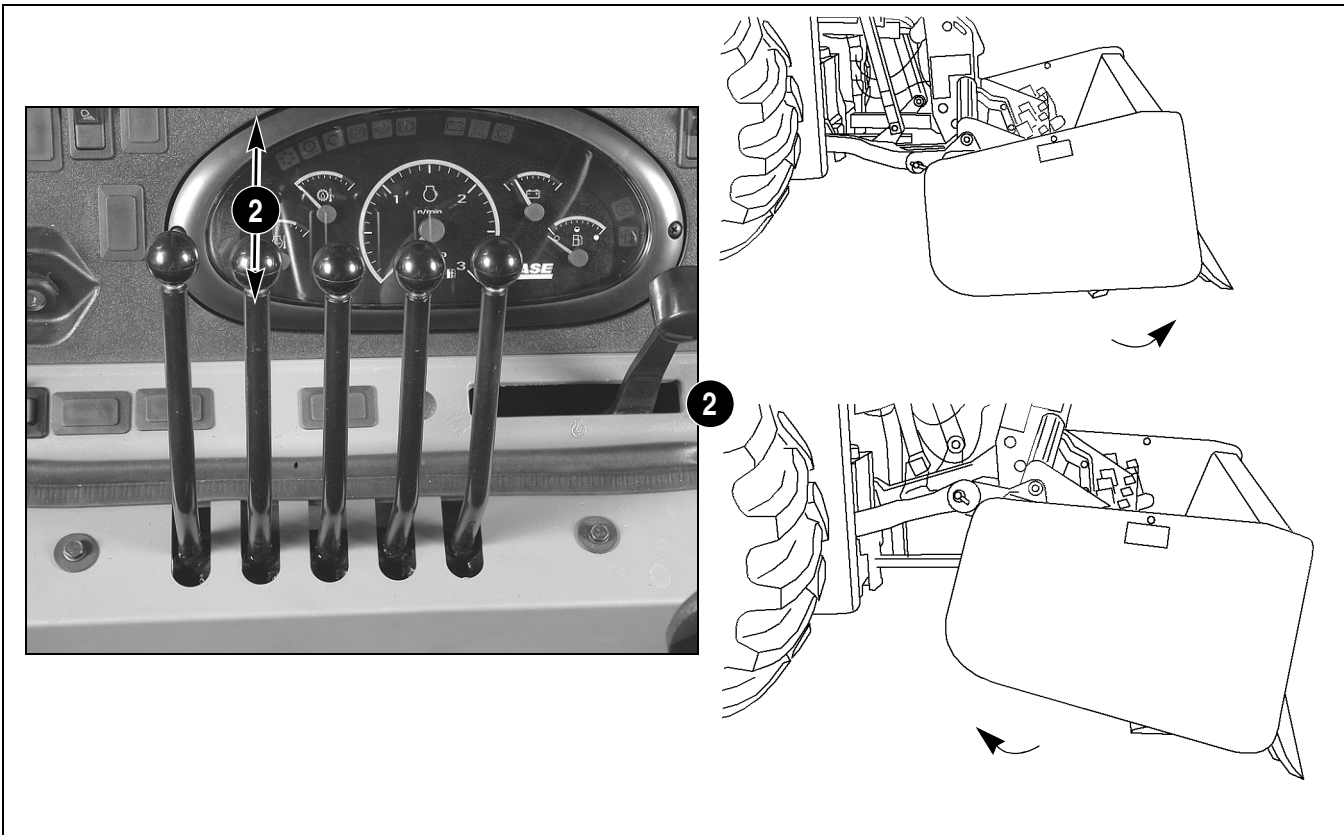


BS08D079/B9410262

Figure 21

NOTE: The lock latch is not automatic - it must be manually engaged to lockout the function.

THREE-POINT HITCH CONTROL



BD01D128A

Figure 20

2. **PITCH:** Push this lever forward, away from the operator, to pitch the attachment REARWARD. Pull the lever back toward the operator to pitch the attachment FORWARD. The central or mid position is neutral or HOLD.

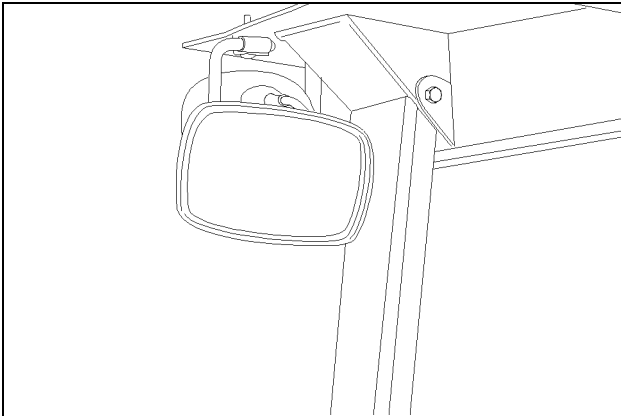


BD05H044

Figure 53

2. To release the seat belt, push the button on the buckle.

REAR VIEW MIRROR



BIO1H102

Figure 54

OPERATOR MANUAL AND STORAGE BOX



BD05H088

Figure 55

UTILITY TRAY AND CUP HOLDER



BK97K168

Figure 56

TOOL BOX



BD01D001A

Figure 57

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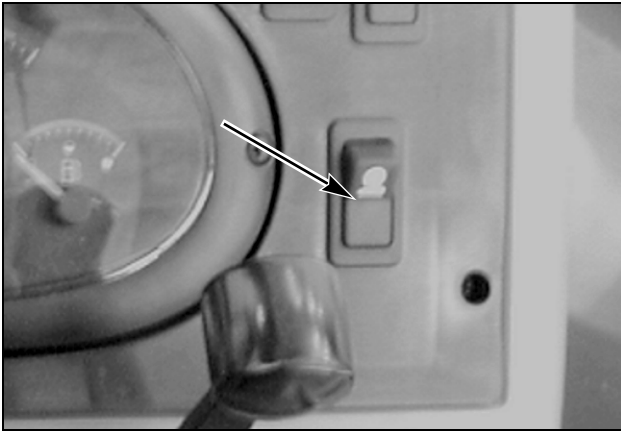
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RIDE CONTROL



BI01H088

Figure 11

RIDE CONTROL SWITCH



Ride Control is a feature that increases the ride comfort of the machine over all types of terrain with either an empty or loaded bucket. Ride Control will reduce fore and aft pitching motion during travel to allow faster speeds in load and


carry applications for increased productivity and operator comfort. It will also reduce shock loads for reduced tire flex, structural fatigue and vibrations.

To engage Ride Control, lower the loader bucket to or near the ground line.

Push the Ride Control rocker switch symbol, the switch lamp will illuminate. There can be a slight loader arm drop when the Ride Control is activated.

To disengage, push the opposite end of the Ride Control rocker switch, the lamp will go out.

Ride Control should not be used for fine grading with the loader bucket or when precise placement of the loader is required.

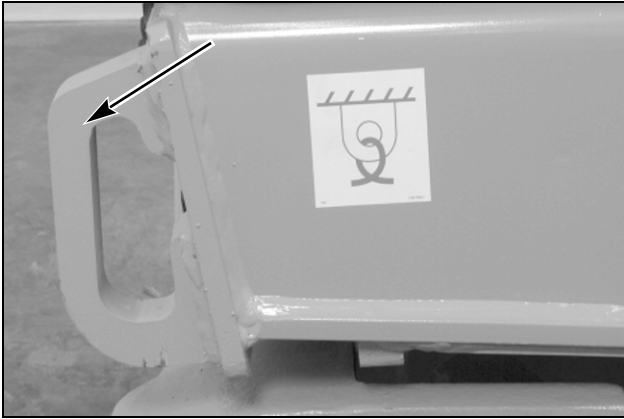


WARNING: *DO NOT attempt to lift or hold the front of the machine off the ground with the loader when Ride Control is engaged. DO NOT engage Ride Control while using the loader to lift or hold the front of the machine off the ground. Failure to comply could result in injury or death.*

Figure 12

TRANSPORTING THE MACHINE ON A TRAILER

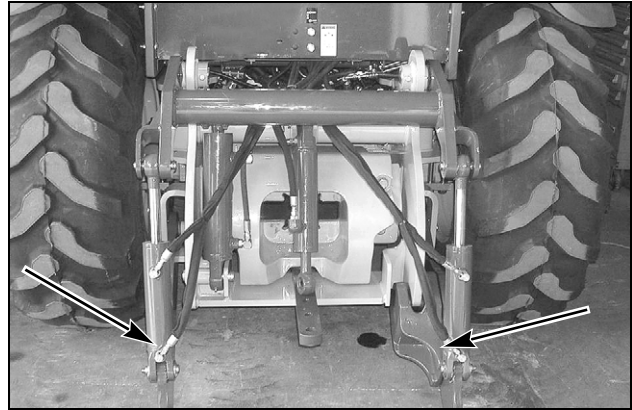
Machine Tie Down Locations



BD07A032

Figure 45

CHAINS MUST BE SECURELY FASTENED TO THE FRONT LEFT AND RIGHT TIE DOWN HOLES.



BD07A176

Figure 46

CHAINS MUST BE SECURELY FASTENED TO THE LEFT AND RIGHT REAR TIE DOWN AREAS.

Tie down location - rear chassis, both sides

Tie down location if equipped with optional rear weights, rear chassis both sides.

TRANSPORTING THE MACHINE BY RAIL

Transport by rail is subject to special regulations, consult an approved organization.

10 HOUR OR DAILY MAINTENANCE

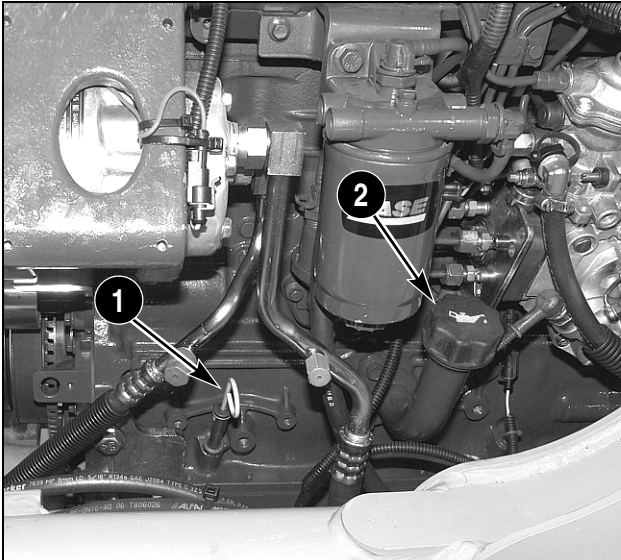
ENGINE OIL

Service Specifications

Capacity (with filter change) 11.6 qt. (11 L)

Type of oil Case Akcela No. 1

Check the engine oil level daily before beginning operation and/or every 10 hours of operation. Always check the oil with the engine stopped and when the machine is on level ground.



BD08B450

Figure 20

1. ENGINE OIL LEVEL DIPSTICK
2. ENGINE OIL FILL LOCATION

Keep all unauthorized personnel clear of the area. Park the machine on firm, level ground. This procedure is best performed at the beginning of the work day with the engine cool and all oil drained to the pan.

Make sure the engine level dipstick is pushed completely down. Remove the dipstick to check the oil level.

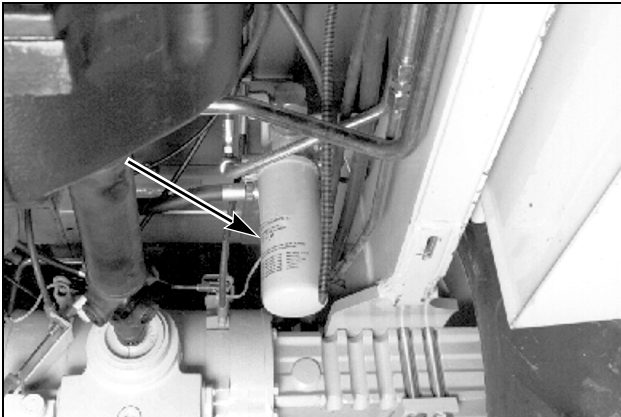
If the oil level is below the ADD mark add oil. DO NOT raise the oil level above the Full mark.

INITIAL 100 HOURS**INITIAL HYDRAULIC FILTER CHANGE**

If the machine is new or a major hydraulic component has been replaced, replace the hydraulic filter after the first 100 hours of operation.

NOTE: Always replace the filter if the hydraulic filter warning lamp illuminates.

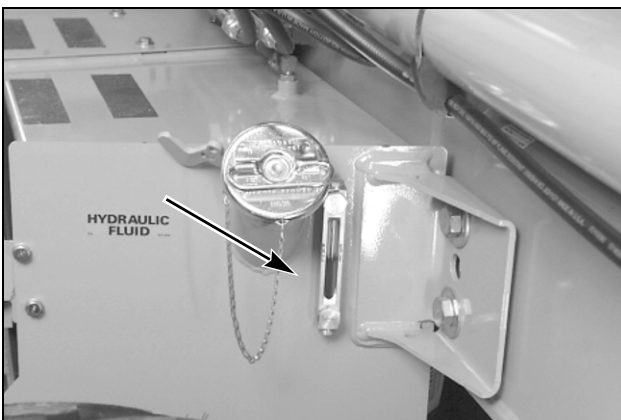
1. Keep all unauthorized personnel clear of the area. Park the machine on firm, level ground.
2. Release all pressure in the hydraulic system. Lower the loader bucket to the ground and apply the parking brake. Stop the engine.



BD07DXXX

Figure 4

3. Use a filter wrench and remove the old hydraulic filter from the machine.
4. Lubricate the gasket on the new filter with clean oil.
5. 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.



VD01D019

Figure 5

Start the engine and check for leaks at the hydraulic filter. Check the reservoir level. Oil should appear at the center of the sight gauge. Top off with fluid, if necessary.

1000 HOUR MAINTENANCE

TRANSMISSION FLUID - FILTER - BREATHER

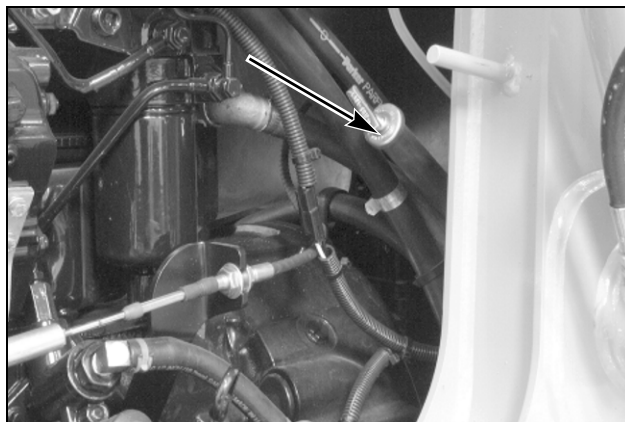
Service Specifications

2 Wheel Drive	19.5 qt (18.5 L)
4 Wheel Drive	22 qt (21 L)
Type	Hy-Tran Ultra

Change the transmission fluid, replace the transmission filter, and clean the breather every 1000 hours of operation.

Specification Hy-Tran® Ultra

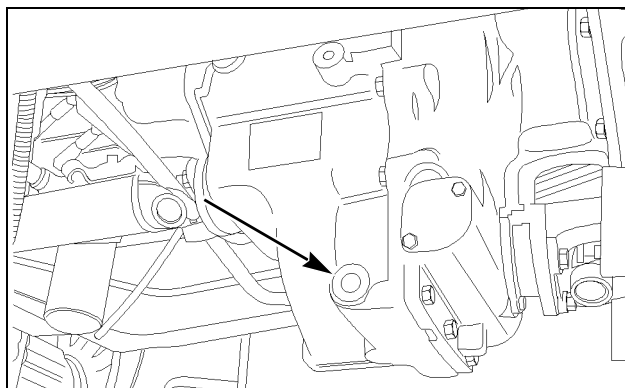
1. Keep all unauthorized personnel clear of the area. Park the machine on firm, level ground, with the parking brake applied and a Do Not Operate tag on the key switch.



BD05H028 Figure 6

TRANSMISSION FLUID DIPSTICK

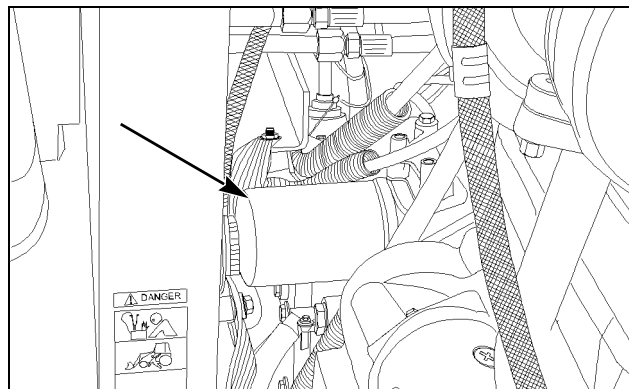
2. Have a suitable container ready to drain the fluid.



BI01H160 Figure 7

TRANSMISSION DRAIN PLUG

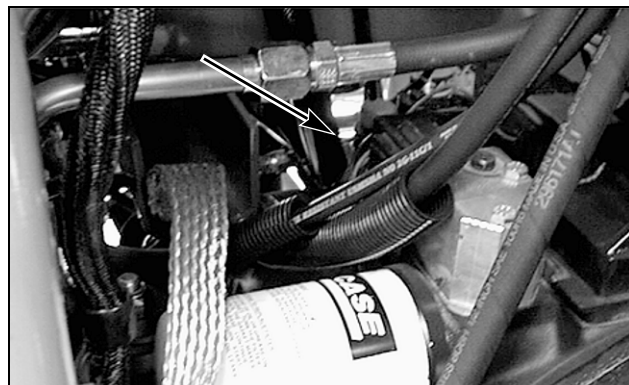
3. Remove the dipstick and drain plug. Allow the fluid to drain.



BI01H129 Figure 8

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. Install the reservoir tank drain plug and fill with new fluid.



BI01H130 Figure 9

TRANSMISSION BREATHER

8. Clean the area around the transmission breather.
9. Remove and clean the breather with solvent. Wear full face protection and blow dry with compressed air.
10. Install the breather.
11. Start the engine and check for leaks around the filter.
12. Operate the machine in first and second gear for a few minutes.
13. Park the machine on a firm and level surface and apply the parking brake.
14. Check the fluid and add more fluid if necessary.

SEAT BELT

The seat belt is an important part of your ROPS. You must wear the seat belt at all times when you operate the machine.

Before you operate this machine, always make sure that the ROPS and operator's seat belts are correctly installed. Make sure all hardware that secures the seat to the cab are torqued. Make sure all seat belt hardware is secure and torqued.



WARNING: *You are protected by the ROPS (Roll-Over Protective Structure) system on this machine. The seat belt is an important part of that ROPS system. Before you operate this machine, always fasten the seat belt. If the machine rolls over and you DO NOT have the seat belt fastened, you can be crushed by the ROPS or the machine. Failure to comply could result in injury or death.*

SA080



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. Failure to comply could result in injury or death.*

SA028



WARNING: *Improper ROPS inspection or maintenance can cause injury or death. Do the recommended ROPS inspection shown in this manual. If you must replace the ROPS, ROPS parts, or ROPS mounting hardware, use only the replacement parts shown in the parts catalog for this machine. Failure to comply could result in injury or death.*

SA029

FIRE EXTINGUISHER MOUNTING**TYPE OF FIRE EXTINGUISHER**

A fire extinguisher is recommended on board every machine. Your Dealer will assist you in the mounting and installation of the proper fire extinguisher.

The fire extinguisher will mount on the right rear of the cab, behind the operator.

FIRE EXTINGUISHER INSPECTION AND CARE

EVERY MONTH - It is recommended that you inspect the fire extinguisher once each month for damage and to insure that the gauge is working correctly.

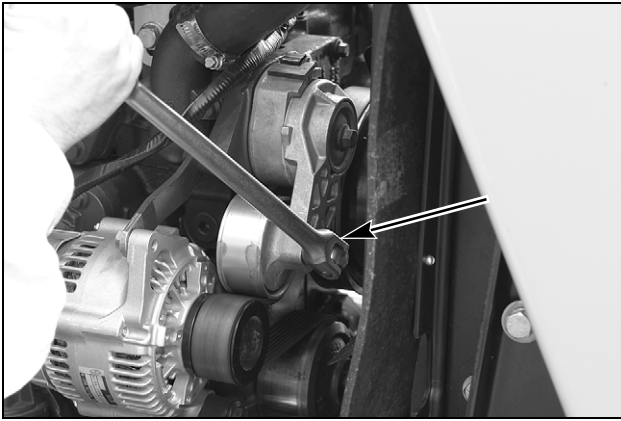
EVERY 6 MONTHS - Have the dry chemical removed and refilled by a fire equipment technician.

ONCE EACH YEAR - Have the fire equipment technician inspect the fire extinguisher.

DO NOT mount the Fire Extinguisher on any part of the ROPS or FOPS structure. DO NOT make any modifications to the ROPS or FOPS structure.

FAN DRIVE BELT REPLACEMENT

1. Keep all unauthorized personnel clear of the area. Park the machine on a firm, level surface and apply the parking brake.
2. Lower the rear attachment, if equipped, to the ground.
3. Raise the loader lift arms to full height and install the loader lift arm support strut on the cylinder rod.
4. Stop the engine, remove the key, and open the hood.
5. Install a 1/2 inch breaker bar in the tension pulley bracket.



BD08D093

Figure 23

6. Push the breaker bar forward just enough to release the tension on the drive belt. Remove the drive belt from the water pump pulley first and then from the other pulleys.
7. If equipped with air conditioning, see Adjusting the Air Compressor Belt. Move the air conditioning compressor belt out of the way.
8. Remove the four cap screws, flat washers, and lock washers that fasten the pump drive coupling to the crankshaft pulley.
9. Move the pump drive coupling toward the hydraulic pump.
10. Remove the old drive belt.
11. Install the new drive belt on the water pump pulley and crankshaft pulley.
12. If equipped with air conditioning, see Adjusting the Air Compressor Belt. Install the air conditioning compressor belt.
13. Align the coupling with the crankshaft pulley.
14. Install the cap screws, flat washers, and lock washers that fasten the coupling to the crankshaft pulley. Tighten the cap screws from 95 to 114 Nm (70 to 85 pound-feet).

15. Use the breaker bar to move the tension pulley bracket just far enough to install the drive belt on the alternator pulley.
16. Remove the breaker bar and close the hood.
17. Lower the loader bucket to the ground.

PLASTIC AND RESIN PARTS

Avoid using gasoline, paint thinner, etc., when cleaning plastic parts, console, instrument cluster, etc. Use only water, mild soap, and a soft cloth when you clean these parts.

Using gasoline, thinners, etc., can cause discoloration, cracking, or deformation of the part being cleaned.

MACHINE CLEANING

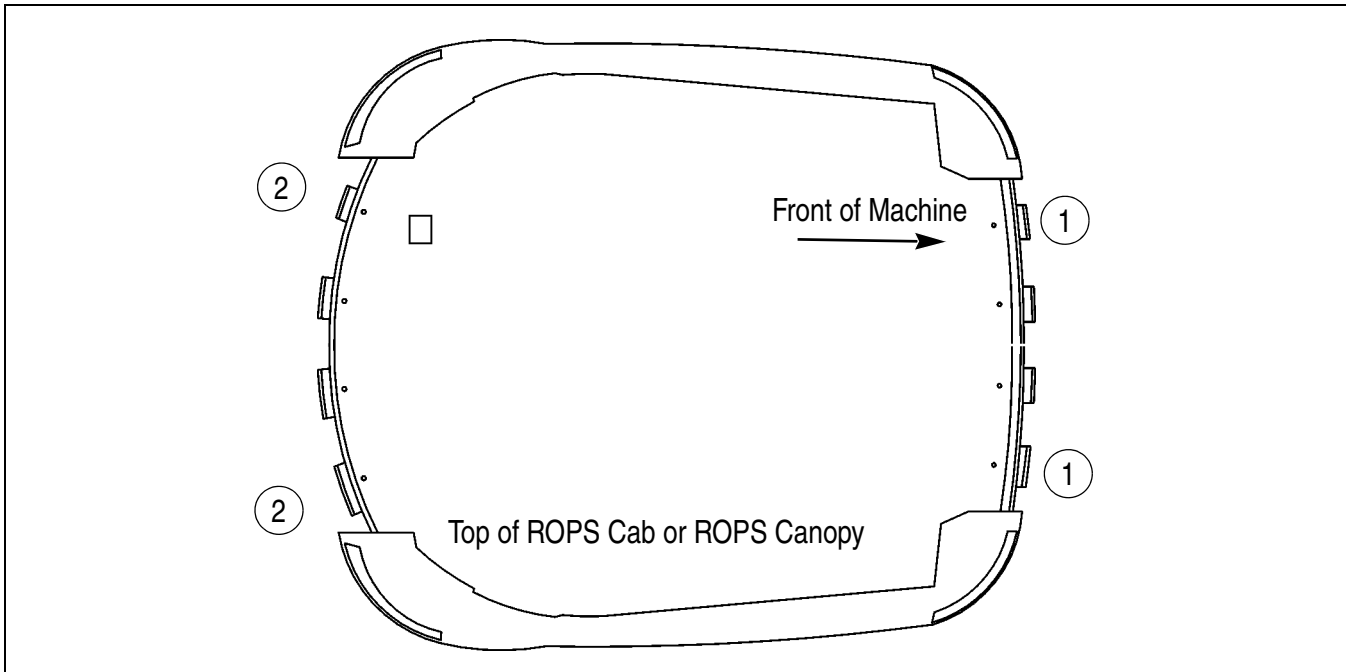
It is recommended that the complete machine be kept clean. Machine operation in water, mud, dust, landfill, land clearing or forestry will require complete machine clean up. Cleaning includes periodic removal of inspection covers and guards to gain access for cleaning and removal of dirt or debris. Clean all dirt and foreign material from the front engine guard. Dirt will cause rust on the engine oil pan and the loss of engine oil.

After cleaning is complete, install ALL covers and guards.

DO NOT operate machine with covers or guards removed.

WARNING: *Replace all covers or guards after servicing or cleaning the machine. NEVER operate the machine with covers or guards removed. Failure to comply could result in injury or death.*

Figure 24

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.

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