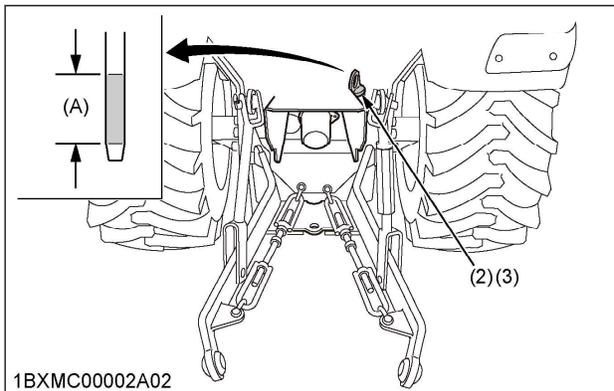
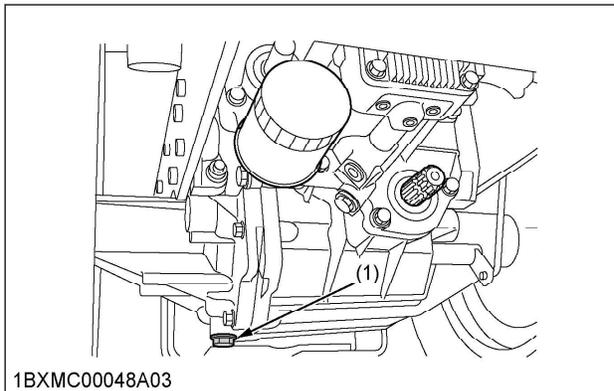


3. Clean the transmission strainer.
4. Fill with new transmission fluid up to the upper notch on the dipstick.  
See [LUBRICANTS, FUEL, AND COOLANT on page 71](#) and [4. Checking the transmission fluid level on page 76](#).
5. After running the engine for a few minutes, stop it and check the transmission fluid level again.
6. If the transmission fluid level is lower than the prescribed level shown in the following figure, add it to the prescribed level.
7. Properly dispose of used transmission fluid.



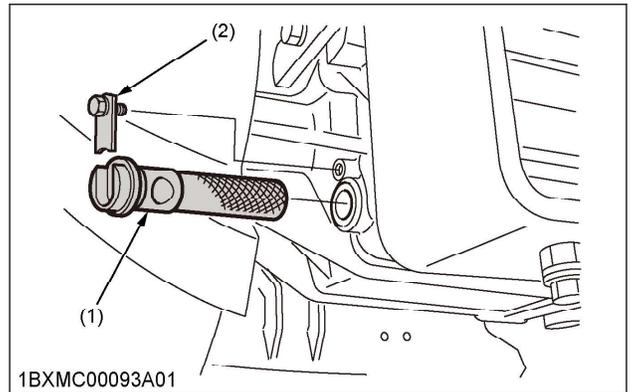
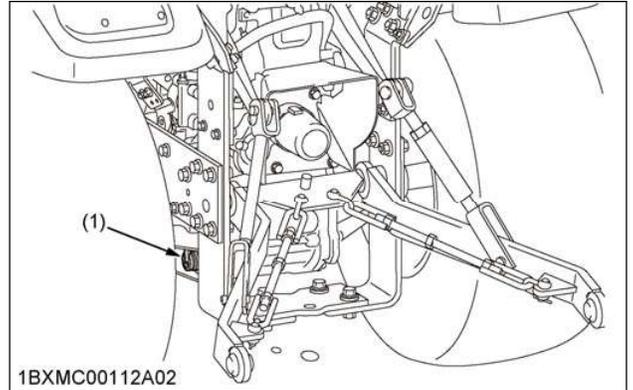
- (1) Drain plug  
 (2) Oil inlet  
 (3) Dipstick  
 (A) Transmission fluid level is acceptable within this range

**IMPORTANT :**

- Do not operate the tractor immediately after changing the transmission fluid. Run the engine at medium speed for a few minutes to prevent damage to the transmission.

**3. Cleaning the transmission strainer**

1. When changing the transmission fluid, disassemble and rinse the transmission strainer with nonflammable solvent to completely clean off filings. When reassembling the transmission strainer, be careful not to damage the parts.



- (1) Transmission strainer (2) Filter plate

**NOTE :**

- Since the fine filings in the oil can damage the precision component parts of the hydraulic system, the end of the suction line is provided with an oil strainer.

**4. Changing the front axle case oil**

**WARNING**

To avoid serious injury or death:

- Be sure to stop the engine and remove the key before changing the front axle case oil.

Oil capacity	4.7 L (5.0 U.S.qts.)
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1. Park the tractor on a firm, flat, and level place.
2. To drain the used front-axle-case-oil, remove the right and left drain plugs and oil gauge at the front axle case.
3. Drain the front-axle-case-oil completely into the oil pan.
4. After draining the front-axle-case-oil, reinstall the drain plugs.
5. Remove the right and left breather plugs.

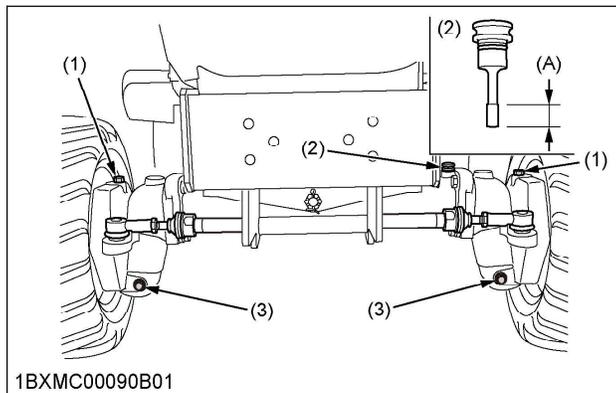
6. Fill with new front-axle-case-oil up to the upper notch on the dipstick.  
See [LUBRICANTS, FUEL, AND COOLANT on page 71](#).

**IMPORTANT :**

- After the following minutes, check the front-axle-case-oil level again. If the front-axle-case-oil level is lower than the prescribed level shown in the following figure, add the front-axle-case-oil to prescribed level.

Checking the front axle case oil level	10 minutes after filling with new front axle case oil
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7. After filling with front-axle-case-oil, reinstall the oil gauge and breather plugs.



- 1BXMC00090B01
- (1) Breather plug
  - (2) Oil gauge with dipstick
  - (3) Drain plug
  - (A) Front axle case oil level is acceptable within this range

**5. Replacing the fuel filter element**

- Consult your local KUBOTA Dealer for replacing the fuel filter element.

**SERVICE EVERY 800 HOURS**

**1. Adjusting the engine valve clearance**

- Consult your local KUBOTA Dealer for adjusting the engine valve clearance.

**SERVICE EVERY 1000 HOURS OR 1 YEAR**

**1. Replacing of the air cleaner element**

Replace the air cleaner element every 1000 hours or every 1 year whichever comes faster.  
See [2. Cleaning the air cleaner element on page 83](#).

**SERVICE EVERY 1500 HOURS**

**1. Checking the injection pressure of the fuel injection nozzle**

- Consult your local KUBOTA Dealer for checking the injection pressure of the fuel injection nozzle.

**SERVICE EVERY 2000 HOURS OR 2 YEAR**

**1. Flushing the cooling system and changing the coolant**

**WARNING**

To avoid serious injury or death:

- Do not remove the radiator cap while the coolant is hot. When the coolant is cool, slowly rotate the radiator cap to the first stop and allow sufficient time for excess pressure to escape before removing the radiator cap completely.

**IMPORTANT :**

- Do not start the engine without coolant.
- Use clean, fresh soft water and the anti-freeze to fill the radiator and the recovery tank.
- When mixing the anti-freeze with water, the anti-freeze mixing ratio is the following percentage.

Anti-freeze mixing ratio with water	50%
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- Securely tighten the radiator cap. If the radiator cap is loose or improperly fitted, water may leak out and the engine could overheat.

Be sure to flush the cooling system and to change the coolant once every 2000 hours or every two years whichever comes faster.

Coolant capacity (with recovery tank)	BX1880	2.9 L (3.06 U.S.qts.)
	BX2380	3.1 L (3.3 U.S.qts.)
	BX2680	3.3 L (3.5 U.S.qts.)

1. Stop the engine and let it cool down.
2. To drain the coolant, open the radiator-drain-plug or the engine-drain-plug and remove the radiator cap. The radiator cap must be removed to completely drain the coolant.
3. After all coolant is drained, close the drain plug.
4. Fill the radiator with clean soft water and the cooling-system-cleaner.
5. Follow directions of the instruction of cooling-system-cleaner.