

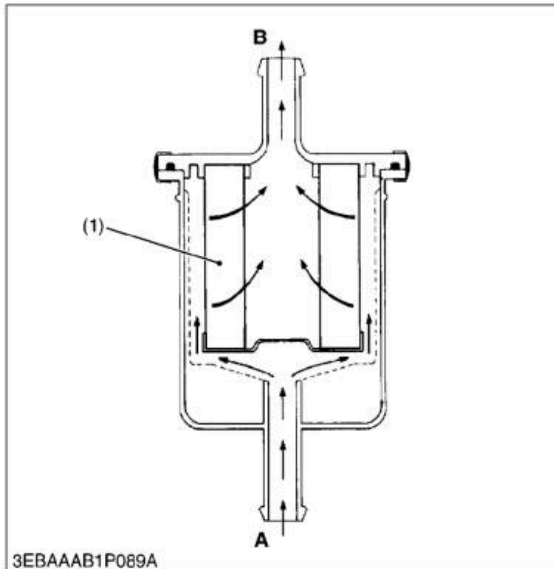
WSM

WORKSHOP MANUAL

ZG332

Kubota

[6] FUEL FILTER



The fuel filter is installed in the fuel line between the fuel tank and the feed pump.

As the fuel flows from the inlet "A" through the filter element (1), the dirt and impurities in the fuel are filtered, allowing only clean fuel to penetrate the inside of the filter element. The cleaned fuel flows out from the outlet "B".

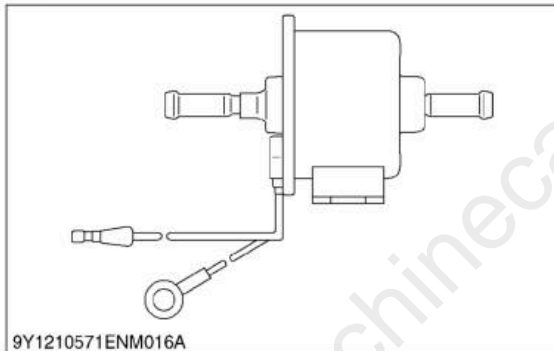
Type of filter element	Accordion-pleated paper type
Material of filter element	Cotton fiber
Filter mesh	15 μm (0.00059 in.)

(1) Filter Element

A: Inlet
B: Outlet

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[7] ELECTRO MAGNETIC FUEL FEED PUMP

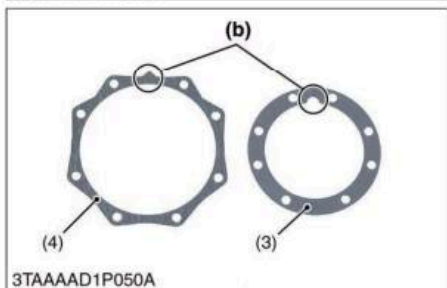
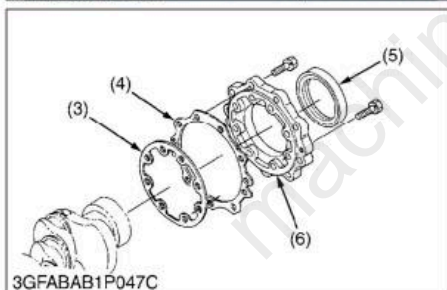
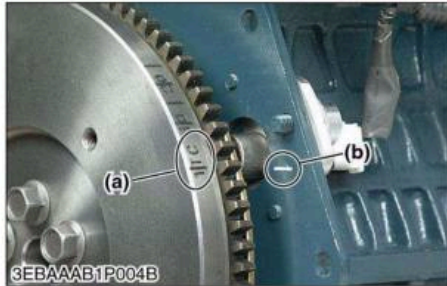
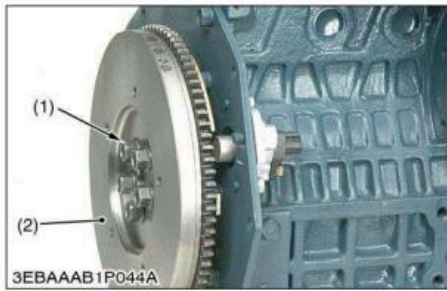


An electro magnetic pump uses a transistor that causes the pump to start pumping fuel when the main switch is on.

Therefore, fuel is supplied to the carburetor regardless of engine speed. This pump is driven by the battery. It can therefore be operated even with the engine being stopped.

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(5) Crankshaft



Flywheel

1. Secure the flywheel to keep it from turning using a flywheel stopper.
2. Remove all flywheel screws (1) and then remove the flywheel (2).

(When reassembling)

- Align the "1TC" mark (a) on the outer surface of the flywheel horizontally with the alignment mark (b) on the rear end plate. Now install the flywheel in position.
- Apply engine oil to the threads and the undercut surface of the flywheel screw and install the screw.

Tightening torque	Flywheel screw	54 to 58 N·m 5.5 to 6.0 kgf·m 40 to 43 lbf·ft
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- (1) Flywheel Screw
- (2) Flywheel

- (a) 1TC Mark
- (b) Alignment Mark

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Bearing Case Cover

1. Remove the bearing case cover mounting screws. First, remove inside screws (1) and then outside screws (2).
2. Remove the bearing case cover (6).

(When reassembling)

- Install the bearing case gasket (3) and the bearing case cover gasket (4) with correct directions.
- Install the bearing case cover (6) to put the casting mark "UP" (a) on it up.
- Apply engine oil to the oil seal (5) lip and be careful that it is not rolled when installing.
- Tighten the bearing case cover mounting screws with even force on the diagonal line.

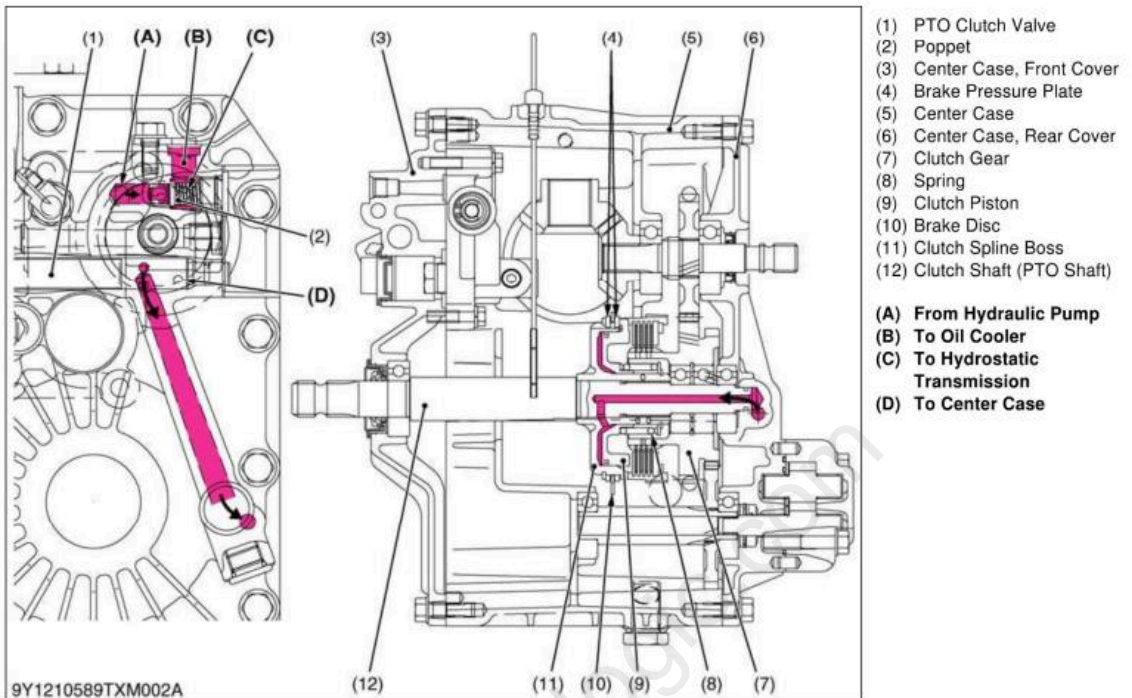
Tightening torque	Bearing case cover mounting screw	9.81 to 11.2 N·m 1.00 to 1.15 kgf·m 7.24 to 8.31 lbf·ft
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- (1) Bearing Case Cover Mounting Screw (Inside)
- (2) Bearing Case Cover Mounting Screw (Outside)
- (3) Bearing Case Gasket
- (4) Bearing Case Cover Gasket

- (5) Oil Seal
- (6) Bearing Case Cover

- (a) Top Mark "UP"
- (b) Upside

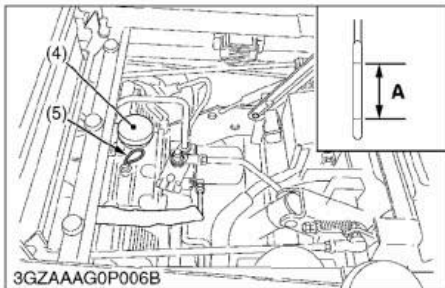
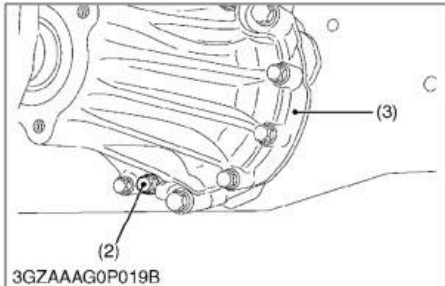
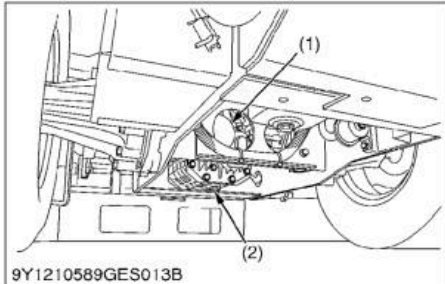
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PTO Clutch "Engaged"

When the PTO clutch lever is set at the "Engaged" position, the PTO clutch valve (1) turns and forms the oil line to the PTO clutch pack.

Oil entering the clutch pack pushes the clutch piston (9) to engage the clutch pack.

(2) Hydraulic Pump



Draining Transmission Fluid



CAUTION

To avoid personal injury:

- Be sure to stop the engine and remove the key before changing or checking the oil.
- Let the transmission case be cool sufficiently; oil can be hot and cause burns.

The fluid in the transmission case is also used for the hydrostatic drive system.

1. To drain the transmission oil, place oil pan underneath the transmission case and the rear axle gear case (RH and LH) and remove the drain plug at the bottom of the transmission case and the rear axle gear case (RH and LH).
2. After draining, reinstall the drain plugs.
3. Fill with new fluid from filling port after removing the oil plug (4) up the upper notch on the dipstick.

IMPORTANT

- Time is necessary to fill oil through the transmission case to the rear axle case (RH and LH). Fill the regulated amount of oil slowly.
4. After you operate the engine for a few minutes, stop it and check the oil level again; add oil to the prescribed level.

IMPORTANT

- Operate only at low RPM's immediately after changing the transmission fluid and filter cartridge. Keep the engine at medium speed for a few minutes to keep proper lubrication of all parts so there is no damage to transmission.
- Use only multi-grade transmission oil. Use of other oils may damage the transmission of hydraulic system. Refer to "4. LUBRICANTS, FUEL AND COOLANT" on page G-10.
- Do not mix different brands oil together.

Transmission fluid	Capacity	12.1 L 12.8 U.S.qts 10.6 Imp.qts
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- (1) Transmission Oil Filter
- (2) Drain Plug
- (3) Rear Axle Gear Case LH
- (4) Oil Plug and Breather Cup
- (5) Dipstick

A: Oil Level Acceptable within This Range.

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Full Version Available

Kubota ZG332 Zero Turn Mower Workshop Manual

This is a short preview. The complete manual contains all chapters, wiring diagrams, torque specifications and full service procedures.

VIEW THE FULL MANUAL

<https://machinecatalogic.com/kubota-zg332-zero-turn-mower-workshop-manual/>