# CONTENTS

WORKSHOP MANUAL FOR G1700/ G1800/ G1900/ G2000

WORKSHOP MANUAL FOR MOWER

PREVIEW - YOUFIXTHIS.COM

**Part Number: 9789710835**

Download full manual at youfixthis.com

# CONTENTS

MECHANISM

GENERAL

ENGINE

TRANSMISSION AND REAR AXLE

BRAKE

FRONT AXLE

STEERING

HYDRAULIC SYSTEM

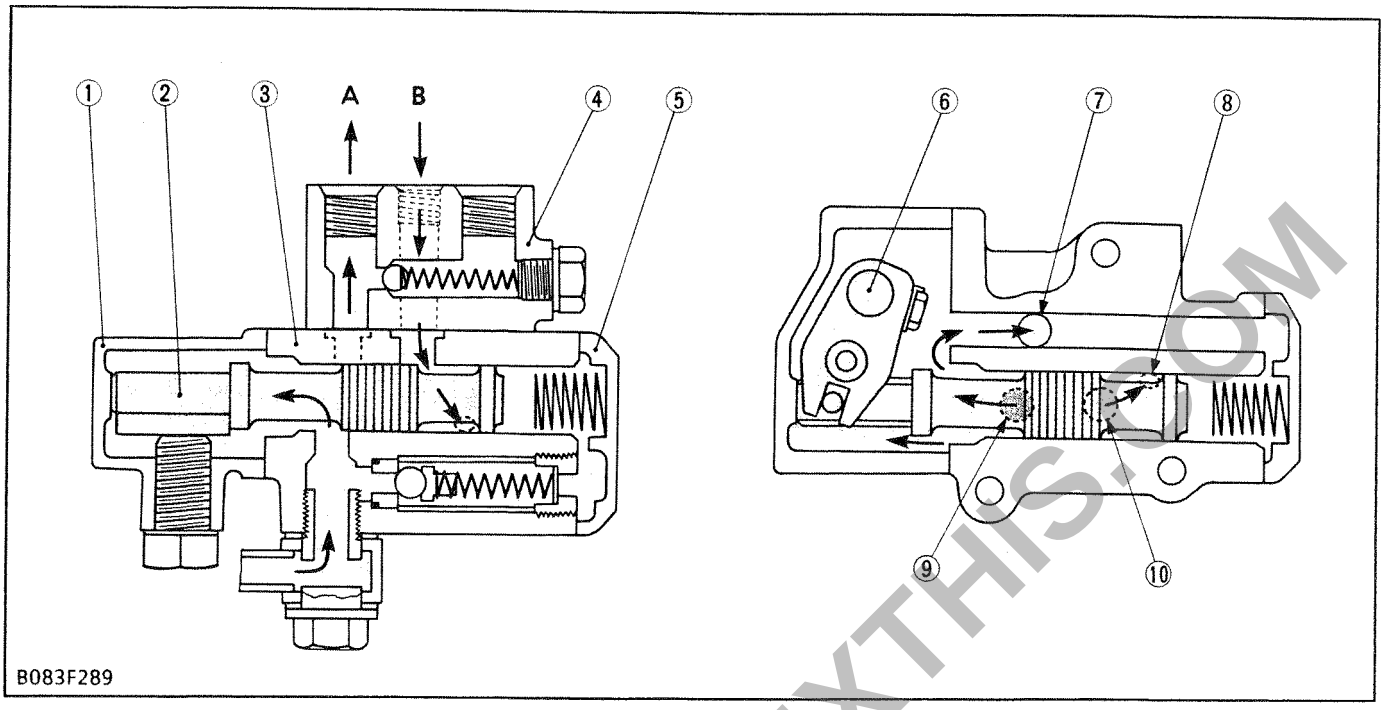
FRONT PTO SYSTEM

ELECTRICAL SYSTEM

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

■ **Down**

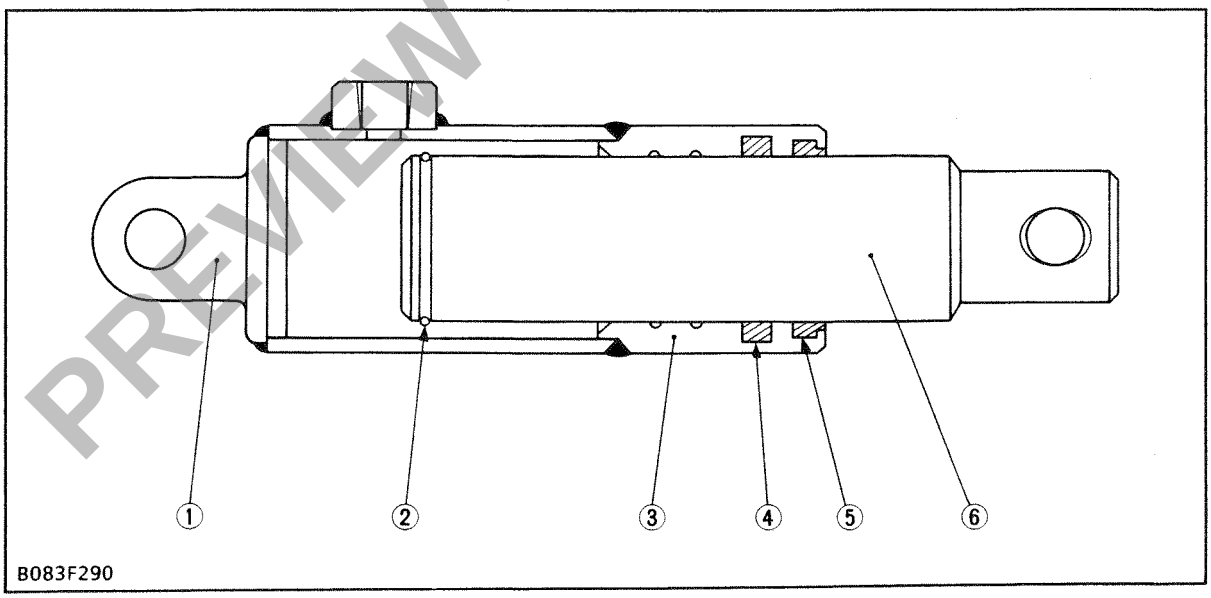



(1) Valve Cover
(2) Spool
(3) Valve Body
(4) Control Valve Adaptor
(5) Relief Cover
(6) Control Lever
(7) **R** Port
(8) **T** Port
(9) **P** Port
(10) **C** Port
**A** : To Hydrostatic Transmission
**B** : From Lift Cylinder

When the control lever (6) is set to **"DOWN"** position, the spool (2) moves to the left to form a lowering circuit. Therefore, oil in the lift cylinder is forced out by the weight of the mower and returns to the transmission case to lower the mower as shown in the figure.

Oil, pressure-fed from the auxiliary pump, goes through the clearance between the valve body (3) and spool (2), and then flows to the hydrostatic transmission through the **R** port (7) and control valve adaptor (4).

## [2] LIFT CYLINDER




(1) Tube End
(2) Snap Ring
(3) Cylinder Tube
(4) Packing
(5) Scraper
(6) Piston Rod

The lift cylinder consists of the tube end (1), cylinder tube (3), piston rod (6) and other parts as shown in the figure above.

This cylinder is single acting type.

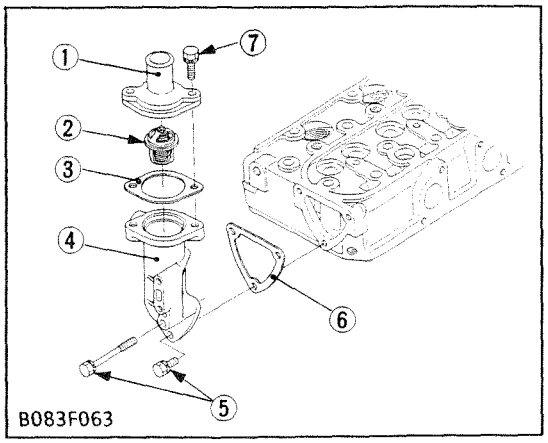
PREVIEW - YOUFIXTHIS.COM



Download full manual at youfixthis.com

# DISASSEMBLING AND ASSEMBLING

## (1) Thermostat and Water Pump



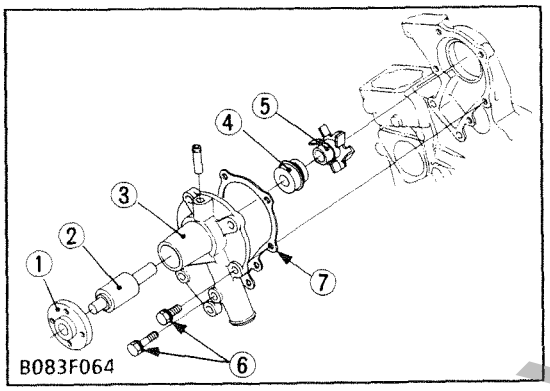

### Thermostat and Water Flange

1. Unscrew the thermostat cover mounting screws (7), and remove the thermostat cover (1).
2. Remove the thermostat (2).
3. Unscrew the water flange mounting screws (5), and remove the water flange (4).

**(When reassembling)**

- Apply liquid-type gasket (Three Bond 1141 or its equivalent) to both sides of a new thermostat cover gasket (3).
- Apply liquid-type gasket (Three Bond 1215 or its equivalent) to both sides of a new water flange gasket (6).

(1) Thermostat Cover
(2) Thermostat
(3) Thermostat Cover Gasket
(4) Water Flange
(5) Water Flange Mounting Screw
(6) Water Flange Gasket
(7) Thermostat Cover Mounting Screw




### Water Pump

1. Unscrew the water pump mounting screws (6), and remove the water pump from the gear case cover.
2. Remove the water pump flange (1).
3. Press out the water pump shaft (2) with the impeller (5) on it.
4. Remove the impeller (5) from the water pump shaft (2).
5. Remove the mechanical seal (4).

**(When reassembling)**

- Apply liquid-type gasket (Three Bond 1215 or its equivalent) to both sides of a new water pump gasket (7).
- Replace the mechanical seal (4) with a new one.

(1) Water Pump Flange
(2) Water Pump Shaft
(3) Water Pump Body
(4) Mechanical Seal
(5) Impeller
(6) Water Pump Mounting Screw
(7) Water Pump Gasket

PREVIEW - YOUFIXTHIS.COM


Download full manual at youfixthis.com

7 FRONT PTO SYSTEM ——————M.8-1

8 ELECTRICAL SYSTEM ——————M.8-1

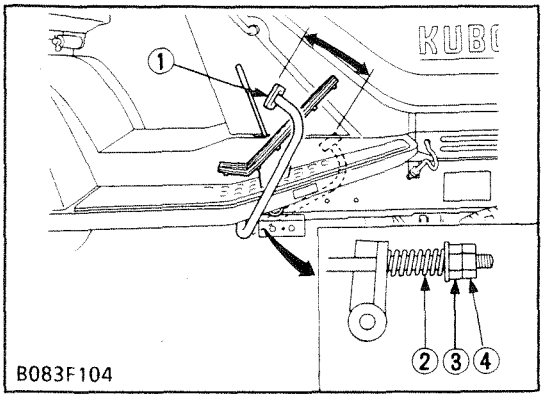
[1] WIRING DIAGRAM AND ELECTRICAL CIRCUIT .....M.8-1
(1) Wiring Diagram .....M.8-1
(2) Electrical Circuit .....M.8-4
[2] STARTING SYSTEM [G1700·G1800·G1900] .....M.8-7
(1) Starting Circuit .....M.8-7
(2) Starter .....M.8-9
(3) Glow Plug .....M.8-11
[3] STARTING SYSTEM [G2000] .....M.8-12
(1) Starting Circuit .....M.8-12
(2) Starter .....M.8-13
[4] ENGINE KEY SWITCH SHUT-OFF SYSTEM [G1700·G1800·G1900] .....M.8-15
[5] ENGINE KEY SWITCH SHUT-OFF SYSTEM [G2000] .....M.8-16
[6] CHARGING SYSTEM [AC DYNAMO TYPE] .....M.8-17
(1) AC Dynamo .....M.8-17
(2) Regulator .....M.8-18
(3) Operation of Charging System .....M.8-18
[7] CHARGING SYSTEM [ALTERNATOR TYPE] .....M.8-22
(1) Alternator .....M.8-22
[8] COMBINATION BOX [G1700·G1800·G1900] .....M.8-26
[9] RELAY BOX [G2000] .....M.8-26
[10] LIGHTING SYSTEM .....M.8-27
[11] EASY CHECKER .....M.8-27
[12] GAUGE .....M.8-28
[13] STARTING SYSTEM (Reduction Type) [G1700·G1800·1900] ..... M.8-29
(1) Starting Circuit .....M.8-29
(2) Starter .....M.8-31

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

# CHECKING, DISASSEMBLING AND SERVICING

## CHECKING AND ADJUSTING




### Brake Pedal Travel

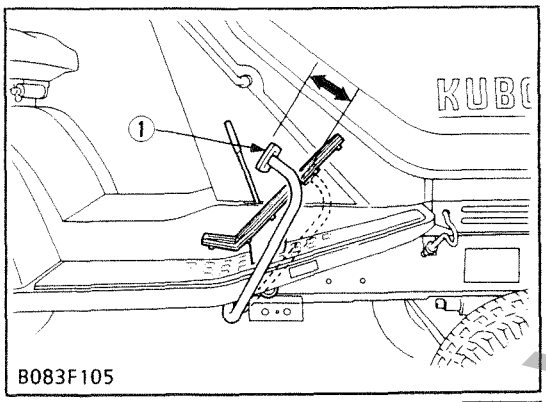
1. Depress the center of the brake pedal (1) with a force of approx. 147 N (15 kgf, 33 lbs), and measure the brake pedal travel.
2. If the measurement is not within the factory specifications, loosen the lock nut (4) and turn the adjusting nut (3) to adjust.

| | | |
|---|---|---|
| Brake pedal travel | Factory spec. | 80 to 130 mm<br>3.15 to 5.12 in. |

■ **NOTE**

- **After adjustment, secure the adjusting nut (3) with the lock nut (4).**

(1) Brake Pedal
(2) Spring
(3) Adjusting Nut
(4) Lock Nut




### Brake Pedal Play

1. Depress the center of the brake pedal (1) with a force of approx. 29 N (3kgf, 7 lbs), and measure the brake pedal play.
2. If the measurement is not within the factory specifications, loosen the stopper mounting screw (4) and move the stopper (3) to adjust.

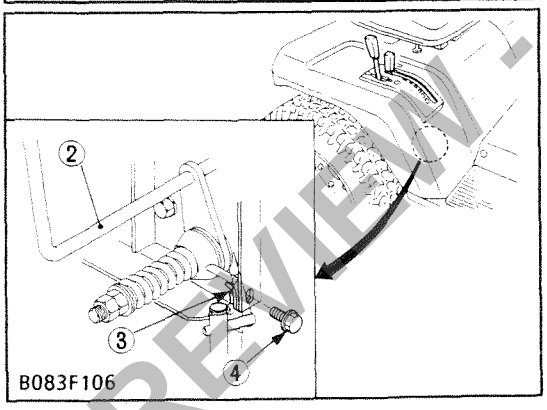
| | | |
|---|---|---|
| Brake pedal play | Factory spec. | 20 to 40 mm<br>0.79 to 1.57 in |

■ **NOTE**

- **After adjustment, fix the stopper (3) with the stopper mounting screw (4).**

| | | |
|---|---|---|
| Tightening torque | Stopper mounting screw | 19.6 to 29.4 N·m<br>2.0 to 3.0 kgf·m<br>14.5 to 21.7 ft-lbs |

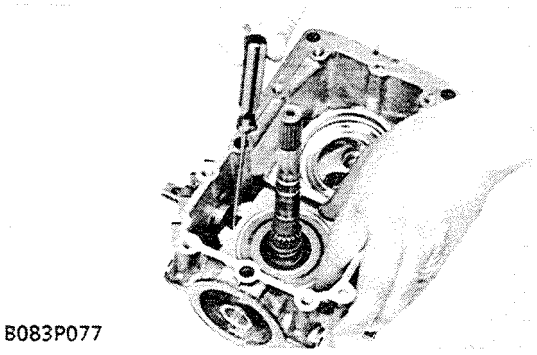
(1) Brake Pedal
(2) Cruise Control Lever
(3) Stopper
(4) Stopper Mounting Screw




PREVIEW - YOUFIXTHIS.COM



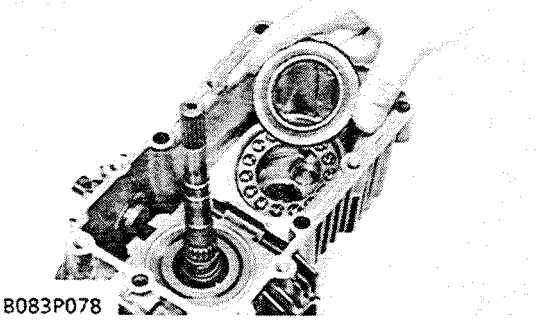
Download full manual at youfixthis.com



B083P077

## Swashplate

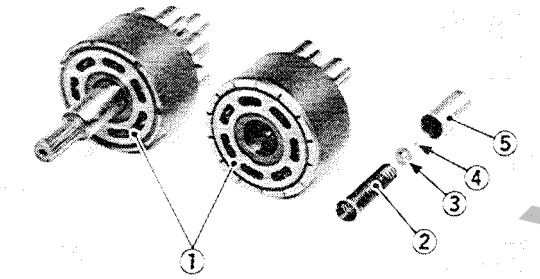
1. Place the swashplate into the housing, keeping the slot guide from moving with a screwdriver.



B083P078

## Thrust Ball Bearing

1. Install the thrust ball bearing.




P083P079

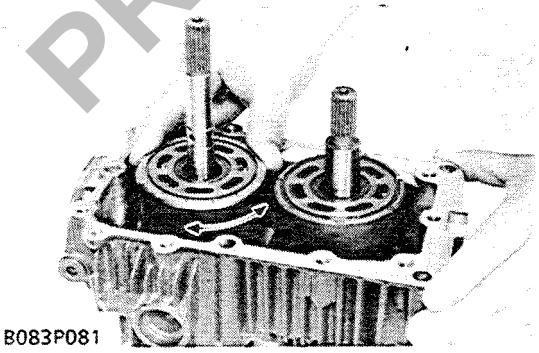
## Cylinder Block Assembly

1. Check cylinder blocks (1) and pistons (5) for scratches and wear. If deep scratch or excessive wear is found, replace the cylinder block assembly.
2. Check that the piston (5), spring (2), spring seat (3) and ball (4) are in each cylinder bore.
3. Check the pistons for their free movement in the cylinder block bores. If the piston or cylinder block bore is scored, replace the cylinder block assembly.
4. Lay the housing on its side, and slide the cylinder block assembly (pump) into the housing.
5. Slide the cylinder block assembly (motor) into the housing.
6. After installing the cylinder block assembly, check it to rotate lightly.

(1) Cylinder Block
(2) Spring
(3) Spring Seat
(4) Ball
(5) Piston



B083P080



B083P081

PREVIEW - YOUFIXTHIS.COM



Download full manual at youfixthis.com

# TO THE READER

This Workshop Manual has been prepared to provide servicing personnel with information on the mechanism, service and maintenance of KUBOTA G1700, G1800, G1900, G2000. It is divided into two parts, "Mechanism" and "Disassembling and Servicing".

■ **Mechanism**

Information on the construction and function are included in this section. This part should be understood before proceeding with troubleshooting, disassembling and servicing.

■ **Disassembling and Servicing**

Under the heading "General" comes general precautions, check and maintenance and special tools. For each section, there are troubleshooting, servicing specification lists, checking and adjusting, disassembling and assembling, and servicing which cover procedures, precautions, factory specifications and allowable limits.

All information, illustrations and specifications contained in this manual are based on the latest production information available at the time of publication.

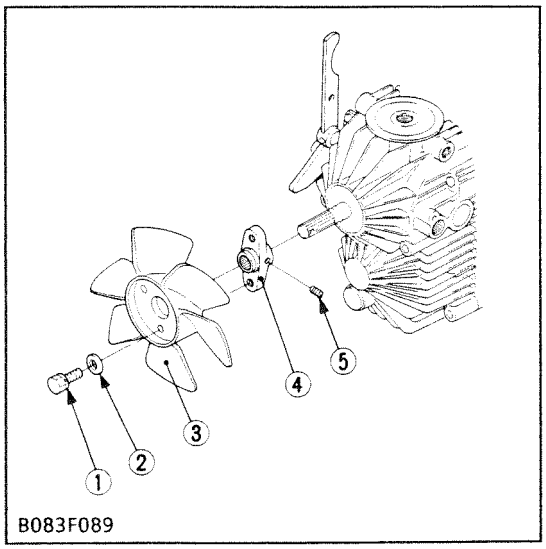
The right is reserved to make changes in all information at any time without notice.

**August '89**

© KUBOTA Corporation 1990

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com



B083F089

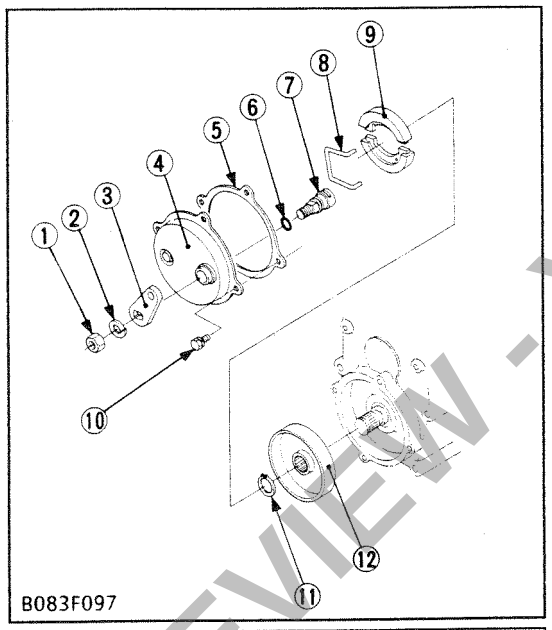
**HST Fan**

1. Install the flange (4) on the pump shaft.
2. Apply liquid lock (Three Bond 1324 or its equivalent) to the set screw (5), and tighten it.
3. Install the HST fan (3) on the flange.

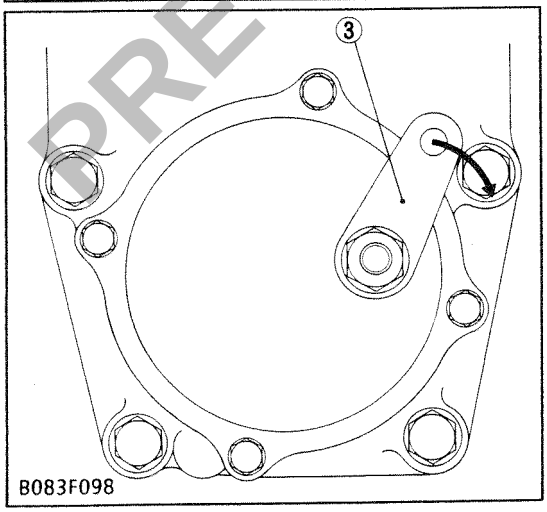
(1) HST Fan Mounting Screw
(2) Plain Washer
(3) HST Fan
(4) Flange
(5) Set Screw

## [3] TRANSMISSION CASE AND REAR AXLE CASE DISASSEMBLING AND ASSEMBLING

### (1) Transmission Case



B083F097



B083F098

**Brake Assembly**

1. Unscrew the brake assembly mounting screws (10), and remove the brake assembly.
2. Remove the external snap ring (11), and pull out the brake drum (12).

**(When reassembling)**

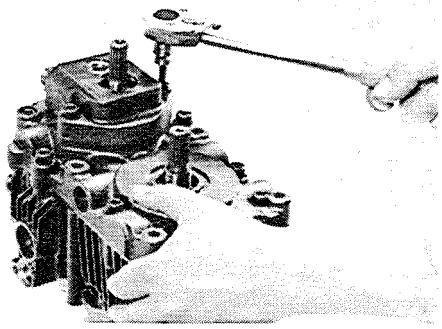
- Pushing the brake lever (3) as shown in the figure, tighten the brake assembly mounting screws to the specified torque.

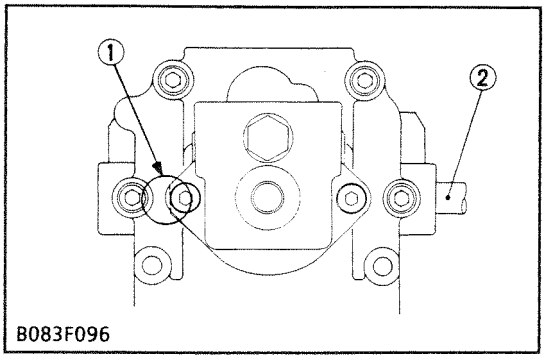
| | | |
|---|---|---|
| Tightening torque | Brake assembly mounting screw | 7.8 to 11.8 N·m<br>0.8 to 1.2 kgf·m<br>5.8 to 8.7 ft-lbs |

(1) Brake Lever Mounting Nut
(2) Spring Washer
(3) Brake Lever
(4) Brake Cover
(5) Gasket
(6) O-ring
(7) Brake Cam Shaft
(8) Shoe Return Spring
(9) Brake Shoe
(10) Brake Assembly Mounting Screw
(11) External Snap Ring
(12) Brake Drum

PREVIEW - YOUFIXTHIS.COM


Download full manual at youfixthis.com


B083P086



B083F096

## Auxiliary Pump Spacer and Auxiliary Pump Housing

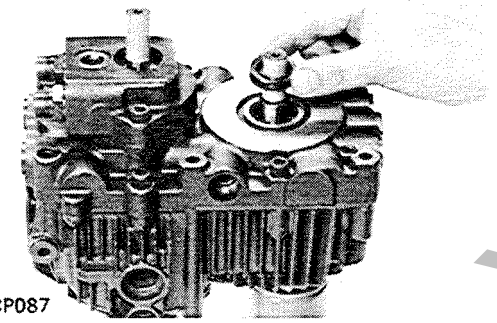
1. Insert the dowel pins into housing.
2. Place the O-ring into the auxiliary pump spacer, and install the auxiliary pump spacer.
3. Place the O-ring into the auxiliary pump housing.
4. Install the auxiliary pump housing, and tighten the hex socket cap screws to the specified torque.

■ **NOTE**

- **Take care not to damage the O-rings.**
- **When installing the auxiliary pump spacer, place the flat portion (1) of the spacer on the opposite side of the trunnion arm (2).**

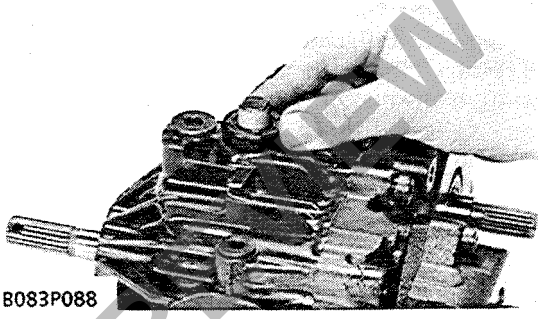
| | | |
|---|---|---|
| Tightening torque | Hex socket cap screw | 25.4 to 29.4 N·m<br>2.5 to 3.0 kgf·m<br>18.1 to 21.7 ft-lbs |

(1) Flat Portion (2) Trunnion Arm


B083P087

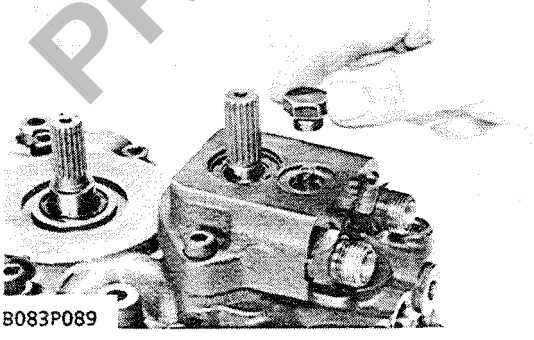
## Oil Seals (Pump Shaft Seal and Motor Shaft Seal)

1. Cover the pump shaft and motor shaft with thin tape to protect oil seal lips.
2. Coat new oil seal lip with grease, and press the oil seal into the auxiliary pump housing.
3. Install the internal snap ring in groove in the housing.
4. Coat new oil seal lip with grease, and press the oil seal into the center section.


B083P088

## Oil Seal (Trunnion Arm Seal)

1. Cover the trunnion arm with thin tape to protect oil seal lip.
2. Coat new oil seal lip with grease, and press the oil seal into the housing.


B083P089

## Charge Relief Valve

1. Inspect the charge relief cone and the seat in the auxiliary pump housing for damage.
2. If defects are found, replace them.
3. Install the charge relief cone, spring and relief plug in that order.
4. Tighten the relief plug.

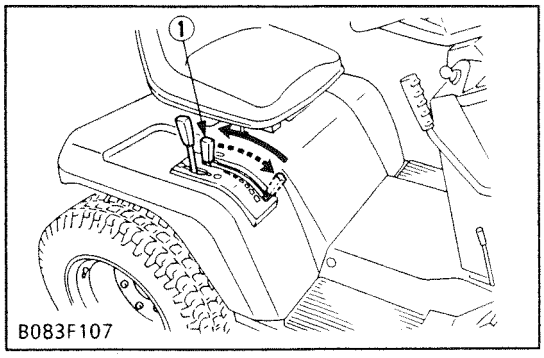
■ **NOTE**

- **If shims are placed at the bottom of the relief plug bore, place them as they are.**
- **Take care not to damage the O-ring on the relief plug.**

PREVIEW - YOUFIXTHIS.COM



Download full manual at youfixthis.com



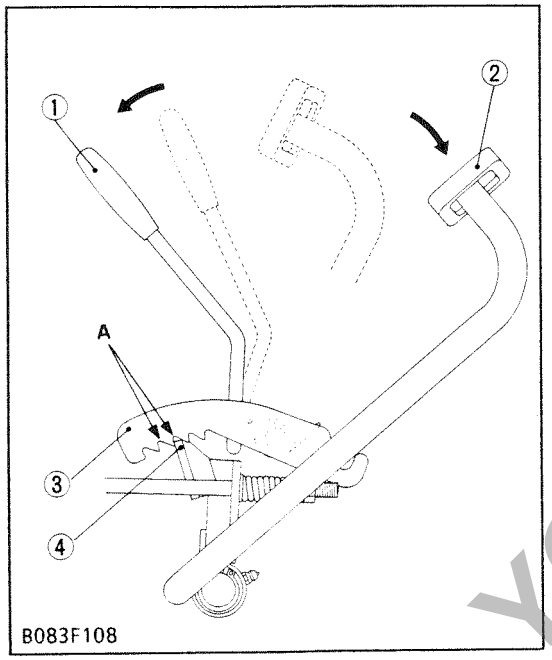

## Automatic Release System

**■ IMPORTANT**

- **After adjusting the brake pedal travel and play, be sure to check the automatic release system.**

1. Set the cruise control lever (1) to the Hi-speed position.
2. Check that the cruise control lever release automatically when the brake pedal is depressed fully.
3. If the lever cannot release automatically, readjust the brake pedal travel and play.

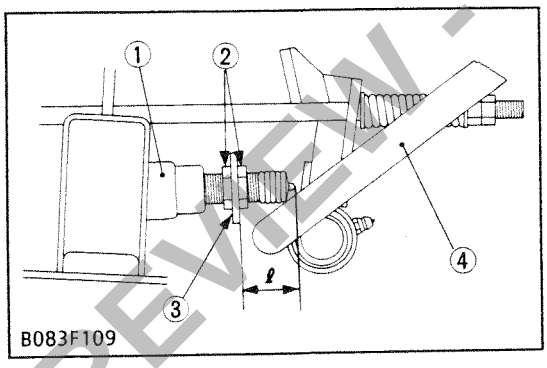
(1) Cruise Control Lever




## Parking Brake

1. Depress the brake pedal (2) fully, and pull the parking brake knob (1).
2. Check that the stopper (4) of the brake pedal hooks on the brake lock (3) as shown in the figure.
3. If the hooked position is not good, readjust the brake pedal travel.

(1) Parking Brake Knob
(2) Brake Pedal
(3) Brake Lock
(4) Stopper
**A: Hooked Position**




## Brake Switch Setting Length

1. Depress the brake pedal (4) fully, and measure the setting length (ℓ) between the brake switch mounting plate (3) and the tip of brake switch (1).
2. If the measurement is not factory specification, adjust with the brake switch mounting nuts (2).

| | | |
|---|---|---|
| Brake switch setting length | Factory spec. | Approx. 32 mm 1.26 in. |

**■ IMPORTANT**

- **After adjustment, be sure to check the brake switch continuity. (See page S.8-26)**

(1) Brake Switch
(2) Brake Switch Mounting Nut
(3) Brake Switch Mounting Plate
(4) Brake Pedal

PREVIEW - YOUFIXTHIS.COM

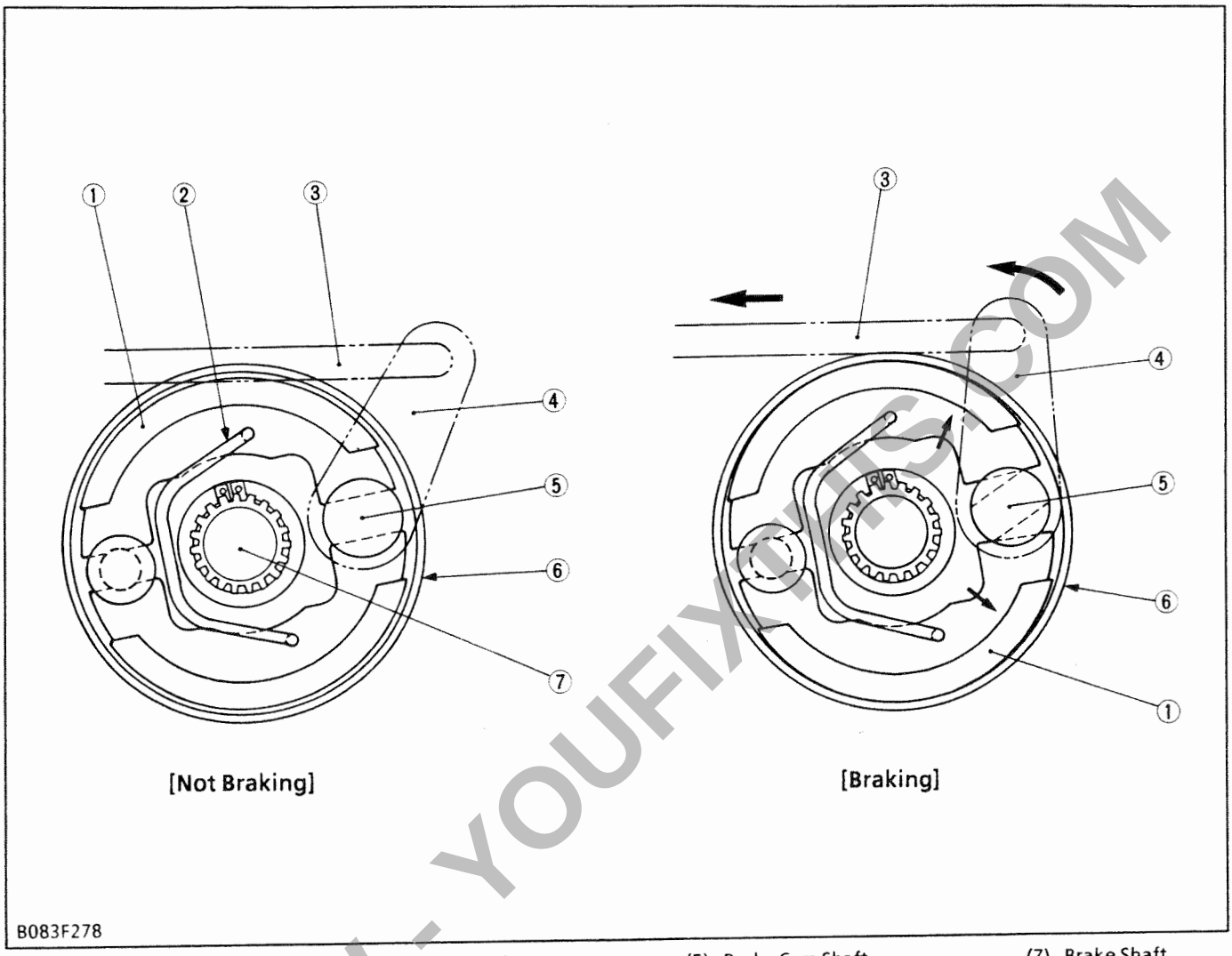


Download full manual at youfixthis.com

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

## ■ Traveling Brake




(1) Brake Shoe
(2) Shoe Return Spring
(3) Brake Rod 2
(4) Brake Lever
(5) Brake Cam Shaft
(6) Brake Drum
(7) Brake Shaft

The brake drum (6) is splined to the brake shaft (7), which in meshes with the 53T gear on the 6T bevel pinion shaft.

Pressure against the brake pedal is transferred through the brake lever (4). Movement of the brake lever causes the brake cam shaft (5) to rotate, expanding the brake shoes (1) outward against the brake drum (6).

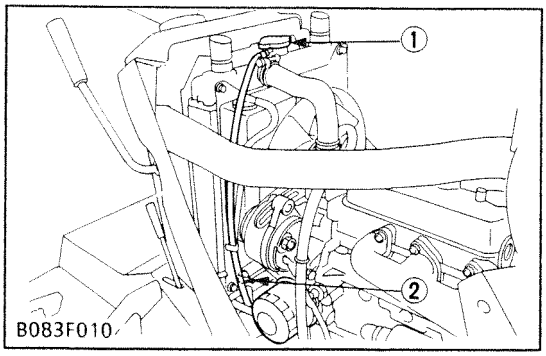
The same amount of braking force is produced in both forward and reverse motion.

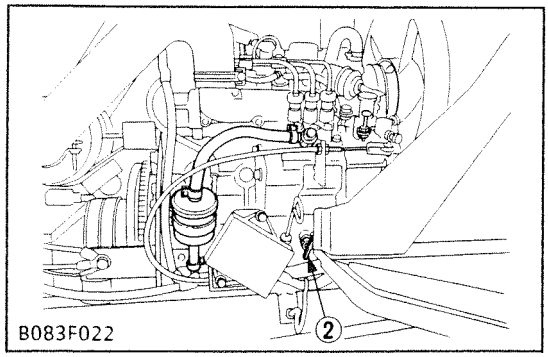
As the brake shoes (1) are pressed against the brake drum (6), the rotation of the brake shaft (7) is retarded, which in turn stops, or slows the 53T gear on the 6T bevel pinion shaft.

PREVIEW - YOUFIXTHIS.COM



Download full manual at youfixthis.com




## Changing Anti-freeze and Coolant

**CAUTION**

- **Before changing the coolant, be sure to stop the engine.**
- **Never open the pressure cap while the engine is running under heavy loads or immediately after the engine has stopped. Otherwise, hot water may spray out, scalding the operator.**
  **So make it a habit to wait for about 10 minutes before opening the cap.**

1. To drain the used coolant, open the drain cock (2) and remove radiator cap (1). The radiator cap must be removed to completely drain the radiator.
2. Radiator should be filled with 50/50 part of anti-freeze and water at all times as recommended by the anti-freeze manufacturer. The anti-freeze contains a corrosion inhibitor and will allow a higher operating temperature in the radiator during the hot season.
3. Be sure to close the pressure cap securely. If the cap is loose or improperly closed, water may leak out and the engine could overheat.
4. Don't use an anti-freeze and scale inhibitor at the same time.

(1) Radiator Cap (2) Drain Cock

**(Anti-freeze)**

If the cooling water freezes, the engine cylinder and radiator may crack. In cold weather before the temperature drops below 0°C (32°F), drain out the water or add a proper amount of anti-freeze when the machine is shut down.

- There are two types of anti-freeze solutions, permanent type (PT) and semi-permanent type (SPT). For the Kubota Engine, be sure to use the permanent type.
- When anti-freeze is used for the first time, fill and drain clean water two or three times so as to completely clean the inside of the radiator.
- Mix the anti-freeze and the water, then pour the mixture into the radiator.
- When the cooling water mixed with anti-freeze decreases due to evaporation, replenish with water only. If loss has been due to leaking, add water and anti-freeze mixture with the same mix ratio as the original preparation.
- Anti-freeze solutions absorb moisture, so be sure to securely close the container after use.
- Anti-freeze and coolant should be changed every year.
- Do not use an anti-freeze and a scale inhibitor at the same time. This may cause sludge to form adversely affecting the engine parts.

## Cleaning Cooling System

1. The cooling system should be cleaned on the following occasions:
   - Every one year service.
   - When adding anti-freeze solution.
   - When changing from water containing anti-freeze to pure water.
2. When cleaning the cooling system, KUBOTA Scale Inhibitor No.20 or its equivalent, is recommended to effectively wash away scale build up.

PREVIEW - YOUFIXTHIS.COM



Download full manual at youfixthis.com

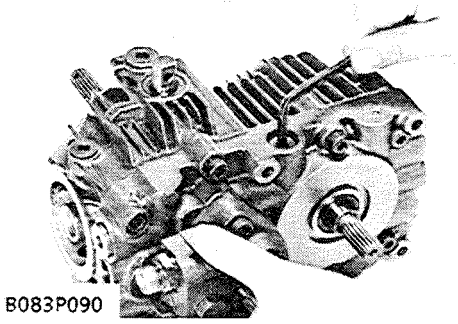
## ENGINE BODY (Continued)

| Item | | Factory Specification | Allowable Limit |
|---|---|---|---|
| Top Compression Ring to Ring Groove | Clearance | 0.020 to 0.060 mm<br>0.00079 to 0.00236in. | 0.15 mm<br>0.0059 in. |
| Second Compression Ring to Ring Groove | Clearance | 0.020 to 0.060 mm<br>0.00079 to 0.00236in. | 0.15 mm<br>0.0059 in. |
| Oil Ring to Ring Groove | Clearance | 0.020 to 0.060 mm<br>0.00079 to 0.00236in. | 0.15 mm<br>0.0059 in. |
| Connecting Rod | Bend | – | 0.05 mm (0.0020 in.)<br>per 100 mm (3.94 in.) |
| Idle Gear to Crank Gear | Backlash | 0.043 to 0.124 mm<br>0.00169 to 0.00488 in. | 0.15 mm<br>0.0059 in. |
| Idle Gear to Cam Gear | Backlash | 0.047 to 0.123 mm<br>0.00185 to 0.00484 in. | 0.15 mm<br>0.0059 in. |
| Idle Gear to Distributor Drive Gear | Backlash | 0.046 to 0.124 mm<br>0.00181 to 0.00488 in. | 0.15 mm<br>0.0059 in. |
| Oil Pump Gear to Crank Gear | Backlash | 0.041 to 0.123 mm<br>0.00161 to 0.00484 in. | 0.15 mm<br>0.0059 in. |
| Idle Gear | Side Clearance | 0.20 to 0.51 mm<br>0.0079 to 0.0201 in. | 0.60 mm<br>0.0236 in. |
| Idle Gear Shaft to Idle Gear Bushing | Oil Clearance | 0.020 to 0.084 mm<br>0.00079 to 0.00331 in. | 0.1 mm<br>0.0039 in. |
| Idle Gear Shaft | O.D. | 19.967 to 19.980 mm<br>0.78610 to 0.78661 in. | – |
| Idle Gear Bushing | I.D. | 20.000 to 20.051 mm<br>0.78740 to 0.78941 in. | – |
| Camshaft Journal to Cylinder Block Bore | Oil Clearance | 0.050 to 0.091 mm<br>0.00197 to 0.00358 in. | 0.15 mm<br>0.0059 in. |
| Camshaft Journal | O.D. | 32.934 to 32.950 mm<br>1.29662 to 1.29725 in. | – |
| Cylinder Block Bore | I.D. | 33.000 to 33.025 mm<br>1.29921 to 1.30020 in. | – |
| Camshaft | Circle runout | – | 0.08 mm<br>0.0031 in. |
| Cam (Intake and Exhaust) | Height | 26.88 mm<br>1.0583 in. | 26.83 mm<br>1.0563 in. |
| Crankshaft | Circle runout | – | 0.08 mm<br>0.0031 in. |
| Crankshaft | Side Clearance | 0.15 to 0.31 mm<br>0.0059 to 0.0122 in. | 0.5 mm<br>0.020 in. |

PREVIEW - YOUFIXTHIS.COM



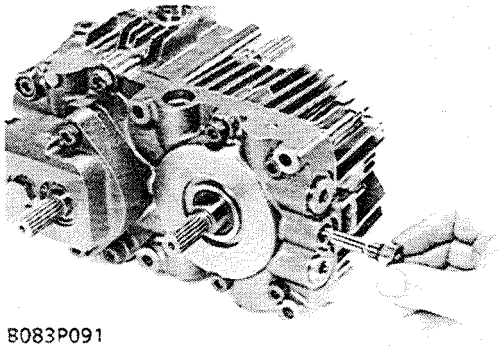
Download full manual at youfixthis.com


B083P090

### Check Valve

1. Lay the housing on its side.
2. Inspect the check valve and the seat in the center section for damage.
3. If defects are found, replace them.
4. Install the check valve, spring and plug.
5. Tighten the plug.

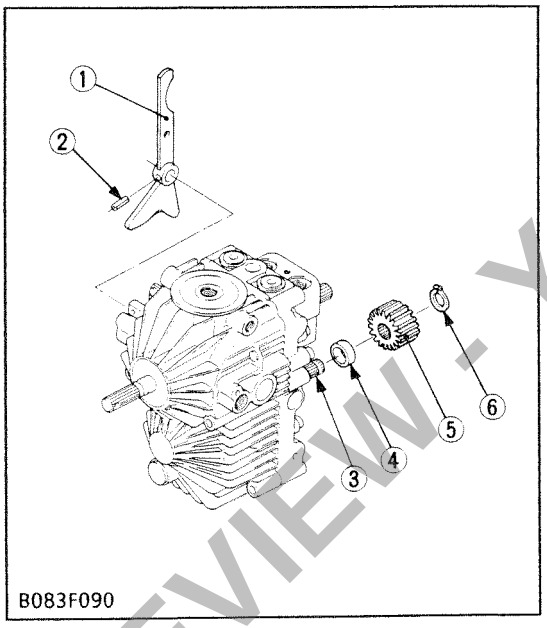
**■ NOTE**
- **Take care not to damage the O-ring on the plug.**


B083P091

### By-pass Valve

1. Install the by-pass valve and plug in the center section.
2. Tighten the plug.

**■ NOTE**
- **Take care not to damage the O-ring on the by-pass valve.**
- **Take care not to damage the O-ring on the plug.**



B083F090

### 16T Gear and Speed Change Arm

1. Install the collar (4), 16T gear (5) and external snap ring (6) on the motor shaft (3).
2. Install the speed change arm (1) on the trunnion arm.

(1) Speed Change Arm
(2) Spring Pin
(3) Motor Shaft
(4) Collar
(5) 16T Gear
(6) External Snap Ring

PREVIEW - YOUFIXTHIS.COM

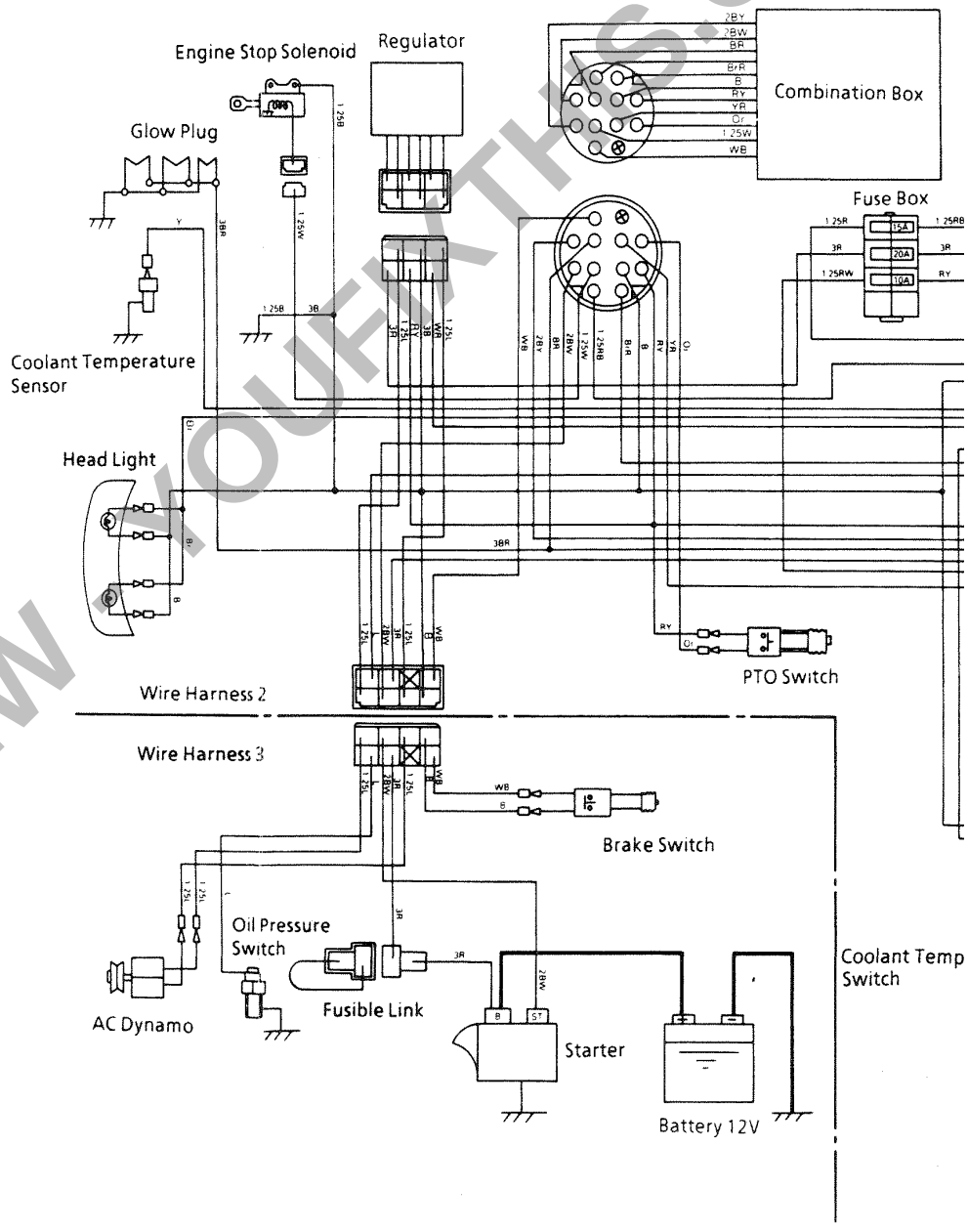

Download full manual at youfixthis.com

## ■ G1700·G1800·G1900 [AC DYNAMO TYPE]

[G1700 : above 10095, G1700S : above 10001
G1800 : above 11582, G1800S : above 11920
G1900 : above 10926, G1900S : above 11320]

- **Color of Wiring**

| | | | | |
|---|---|---|---|---|
| B ---------- Black | R ---------- Red | BY --------- Black / Yellow | RY --------- Red / Yellow | WY--------- White / Yellow |
| Br --------- Brown | W --------- White | BrR --------- Brown / Red | WB --------- White / Black | LW--------- Blue / White |
| G ---------- Green | Y ---------- Yellow | GR --------- Green / Red | WR --------- White / Red | |
| L ---------- Blue | BR --------- Black / Red | RB --------- Red / Black | YL --------- Yellow / Blue | |
| Or --------- Orange | BW --------- Black / White | RW --------- Red / White | YR --------- Yellow / Red | |




B083F324

PREVIEW YOUFIXTHIS.COM

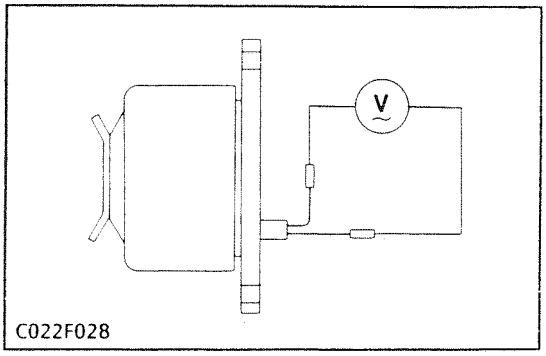


Download full manual at youfixthis.com

# [3] CHARGING SYSTEM

## CHECKING

### (1) AC Dynamo Type [G1700·G1800·G1900·G2000]

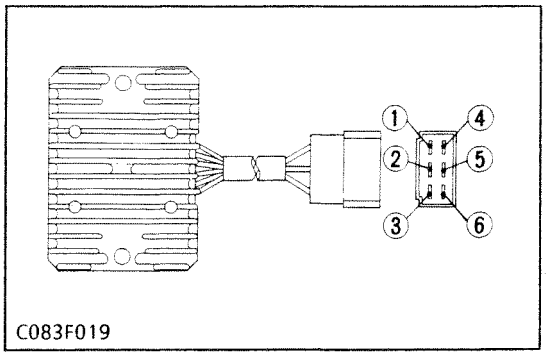


C022F028

#### No-Load Dynamo Output

1. Disconnect two 1P connectors for the AC dynamo.
2. Start the engine, and operate the AC dynamo at the specified speed.
3. Measure the output voltage with a voltmeter.
4. If the measurement is not within the factory specifications, replace the AC dynamo.

| | | |
|---|---|---|
| No-load dynamo output | Factory spec. | AC 20 V or more at 5200 rpm |



C083F019

(1) Blue Lead Wire
(2) Black Lead Wire
(3) Blue Lead Wire
(4) Red Lead Wire
(5) Yellow Lead Wire
(6) Green Lead Wire

#### Continuity across Regulator's Terminals

1. Disconnect the 6P connector for the regulator.
2. Remove the regulator from the panel assembly.
3. Using an ohmmeter, check that the regulator is not faulty.
4. If the resistance values specified below are not indicated, the regulator is faulty.

■ **NOTE**

- Use a high-resistance tester as far as possible.

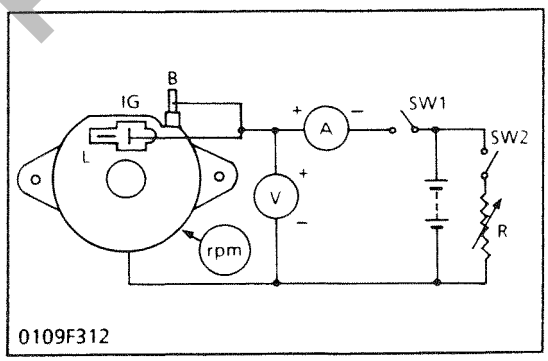
| Ohmmeter (+) probe / Ohmmeter (−) probe | | Wiring colors | | | | | |
|---|---|---|---|---|---|---|---|
| | | Blue | Blue | Red | Black | Yellow | Green |
| Wiring colors | Blue | | OFF | ON | OFF | OFF | OFF |
| | Blue | OFF | | ON | OFF | OFF | OFF |
| | Red | OFF | OFF | | OFF | OFF | OFF |
| | Black | OFF | OFF | OFF | | OFF | OFF |
| | Yellow | ON | ON | ON | ON | | OFF |
| | Green | OFF | OFF | OFF | OFF | OFF | |

* OFF : Infinity ON : Continuity

### (2) Alternator Type [G1700·G1900]

**(Precaution when checking)**

- **Do not directory connect the terminal "L" with the terminal "B". Otherwise, the three exciting diodes may be damaged.**
  **When connecting the terminal "L", insert a 3.4 W lamp between the terminals "L" and "B".**
- **Always use a fully charged battery.**
- **Be careful to observe the proper polarity of the battery. Never install the battery in the wrong direction.**
- **Never disconnect the battery while the alternator is operating.**



0109F312

#### Regulating Voltage

1. Make the connections as shown in the figure, and turn on switch **"SW1"**.
2. Increase the alternator speed to 5000 rpm.
3. Turn on switch **"SW2"**. Adjust load resistance **"R"** so that the ammeter shows 10 A.
4. Check that the voltage reading on the voltmeter is within the factory specifications.

| | | |
|---|---|---|
| Regulating voltage | Factory spec | 14.2 to 14.8 V |



PREVIEW - YOUFIXTHIS.COM
Download full manual at youfixthis.com

# PREVIEW ONLY

You're viewing 18 of 422 pages

## The full manual includes:

- All 422 pages, complete
- Searchable PDF (find any keyword)
- No watermarks
- Instant download
- Print-ready quality

GET FULL MANUAL NOW

**Kubota G1700, G1800, G1900, G2000 Workshop Manual**



**Scan or click anywhere**
**youfixthis.com**

*Click anywhere on this page to get the full manual*