SAFETY DECALS

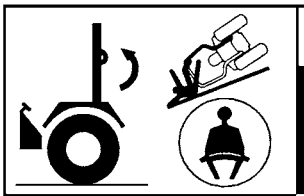
The following safety decals are installed on the machine.
If a decal becomes damaged, illegible or is not on the machine, replace it. The decal part number is listed in the parts list.

(1) Part No. TA040-4965-2

⚠ DANGER

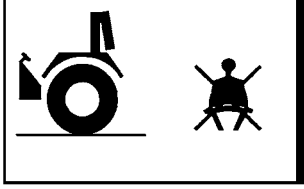
TO AVOID POSSIBLE INJURY OR DEATH FROM A MACHINE RUNAWAY.
1. Do not start engine by shorting across starter terminals or bypassing the safety start switch. Machine may start in gear and move if normal starting circuitry is bypassed.
2. Start engine only from operator's seat with transmission and PTO OFF. Never start engine while standing on the ground.

(2) Part No. 3A111-9848-2 (for North America and Oceania)



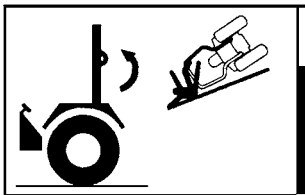
⚠ WARNING

TO AVOID INJURY OR DEATH FROM ROLL-OVER:
- Keep Roll-Over Protective Structures (ROPS) in the upright and locked position.
- Fasten SEAT BELT before operating.



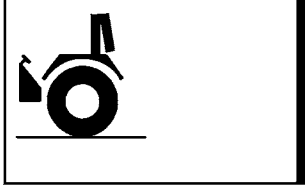
THERE IS NO OPERATOR PROTECTION WHEN THE ROPS IS IN THE FOLDED POSITION.
- Check the operating area and fold the ROPS only when absolutely necessary.
- Do not wear SEAT BELT if ROPS is folded.
- Raise and lock ROPS as soon as vertical clearance allows.
- Read ROPS related instructions and warnings.

(2) Part No. 3A114-9848-1 (for Euro and Asia)



⚠ WARNING

TO AVOID INJURY OR DEATH FROM ROLL-OVER:
- Keep Roll-Over Protective Structures (ROPS) in the upright and locked position.



THERE IS NO OPERATOR PROTECTION WHEN THE ROPS IS IN THE FOLDED POSITION.
- Check the operating area and fold the ROPS only when absolutely necessary.
- Raise and lock ROPS as soon as vertical clearance allows.
- Read ROPS related instructions and warnings.

(3) Part No. TA040-4935-1

⚠ WARNING

TO AVOID PERSONAL INJURY:
1. Attach pulled or towed loads to the drawbar only.
2. Use the 3-point hitch only with equipment designed for 3-point hitch usage.

(5) Part No. 3A111-9544-1

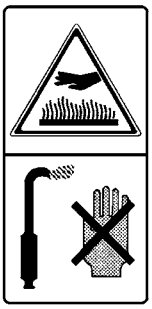
⚠ WARNING

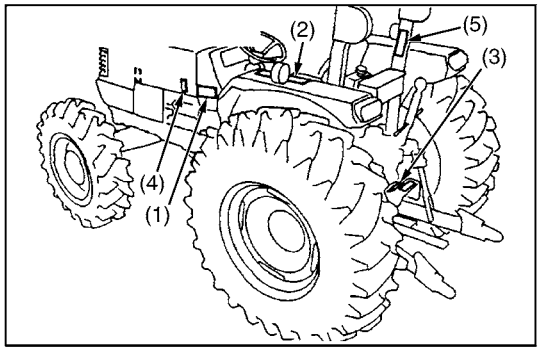
Never modify or repair a ROPS because welding, grinding, drilling or cutting any portion may weaken the structure.

⚠ CAUTION

TO AVOID INJURY WHEN RAISING OR FOLDING ROPS:
- Set parking brake and stop engine.
- Remove any obstruction that may prevent raising or folding of the ROPS.
- Do not allow any bystanders.
- Always perform function from a stable position at the rear of the tractor.
- Hold the top of the ROPS securely when raising or folding.
- Make sure all pins are installed and locked.

(4) Part No. 32310-4958-1
Do not touch hot surface like muffler, etc.





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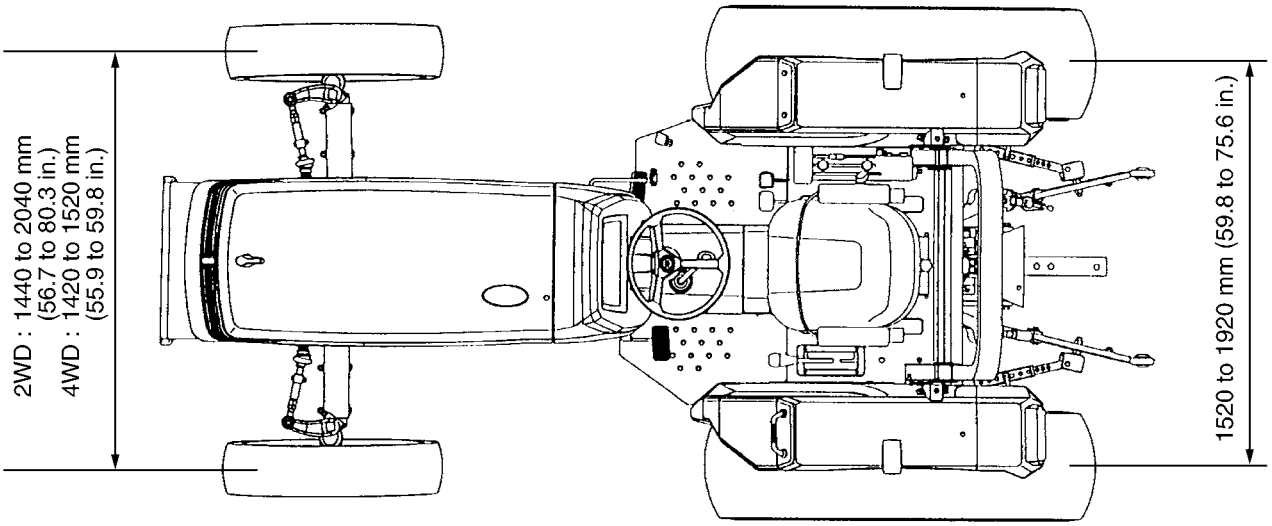
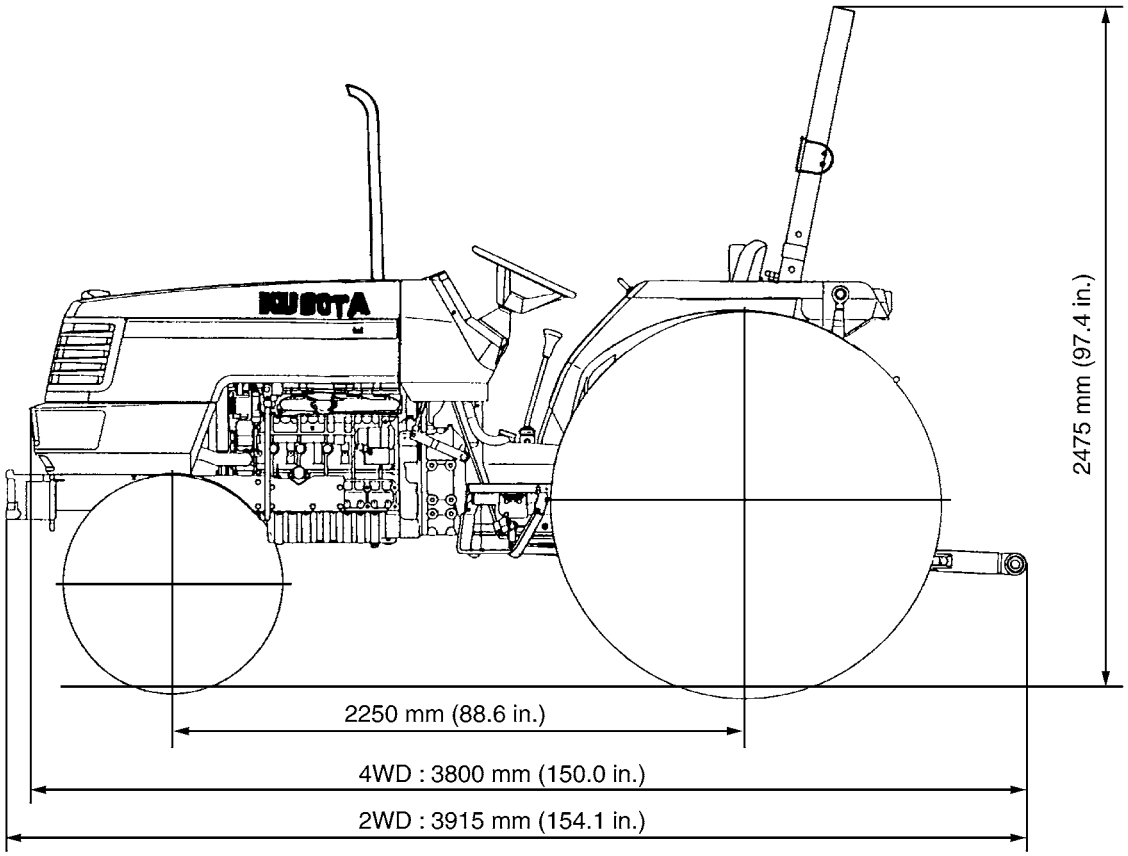
M8200





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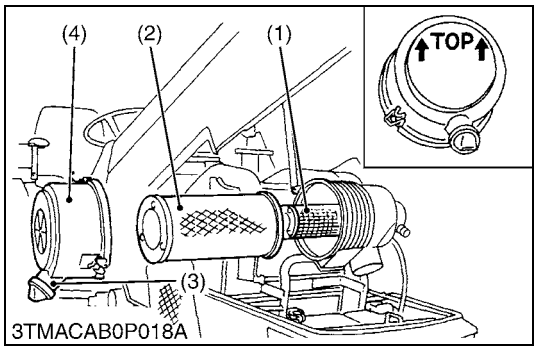
Directions for Storage

CAUTION

- **When connecting the battery, do not reverse the polarities. Connection with reverse polarities will cause spark and troubles to the battery and electrical system in the tractor.**
- **When disconnecting the cable from the battery, start with the negative terminal first.**
- **When connecting the cable to the battery, start with the positive terminal first.**
- **Reversing the steps may cause shortcircuiting, should a metallic tool touch the terminals.**
- **When storing the tractor for long periods of time, remove the battery from the tractor and store in a cool, dry place.**

W1024462



Cleaning Air Cleaner Element

1. Remove the air cleaner cover (4) and primary element (2).
2. Clean the primary element if:
   - When dry dust adheres to the element, blow compressed air from the inside turning the element. Pressure of compressed air must be under 205 kPa (2.1 kgf/cm^2, 30 psi).
   - When carbon or oil adheres to the element, soak the element in detergent for 15 minutes then wash it several times in water, rinse with clean water and dry it naturally. After element is fully dried, inspect inside of the element with a light and check if it is damaged or not.
3. When replacing the air cleaner primary element (2), replace the secondary element (1) as well :
   Once a year or after every six times of cleaning, whichever comes first.

■ **IMPORTANT**

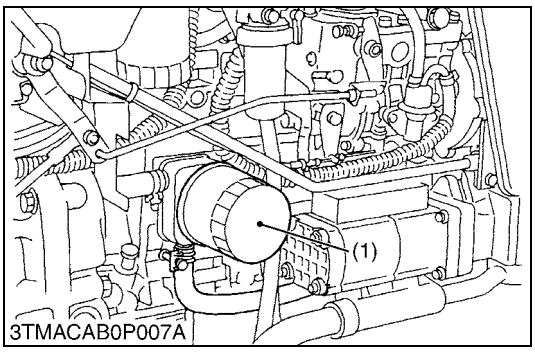
- **The air cleaner uses a dry element, never apply oil.**
- **Do not run the engine with filter element removed.**
- **Be sure to refit the dust cup with the arrow ↑ (on the rear of cup) upright. If the dust cup is improperly fitted, evacuator valve will not function and dust will adhere to the element.**
- **Do not touch the secondary element except in cases where replacing is required.**

■ **Evacuator Valve**

Open evacuator valve once a week under ordinary conditions or daily when used in a dusty place to get rid of large particles of dust and dirt.

(1) Secondary (Safety) Element
(2) Primary Element
(3) Evacuator Valve
(4) Cover

W1024610



Replacing Engine Oil Filter

CAUTION

- **Be sure to stop the engine before changing the oil filter cartridge.**
- **Allow engine to cool down sufficiently, oil can be hot and can burn.**

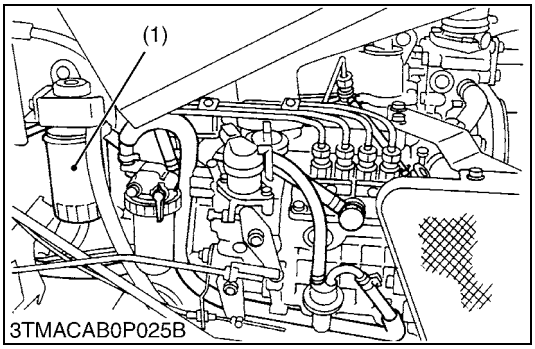
1. Remove the oil filter (1).
2. Put a film of clean engine oil on rubber seal of new filter.
3. Tighten the filter until it contacts the mounting surface. Tighten filter by hand an additional 1/2 turn only.
4. After the new filter has been replaced, the engine oil normally decreases a little. Make sure that the engine oil does not leak through the seal and be sure to check the oil level on the dipstick. Then, replenish the engine oil up to the prescribed level.

IMPORTANT

- **To prevent serious damage to the engine, use only a KUBOTA genuine filter.**

(1) Engine Oil Filter

W1026591

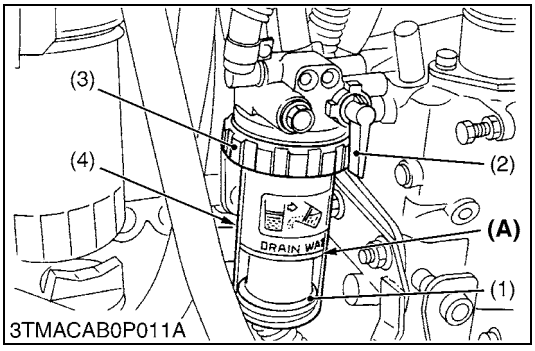


Replacing Fuel Filter

1. Remove the fuel filter (1).
2. Put a film of clean fuel on rubber seal of new filter.
3. Tighten the filter until it contacts the mounting surface. Tighten filter by hand an additional 1/2 turn only.
4. Bleed the fuel system.
   (See **"Bleeding Fuel System"** in as required maintenance.)

(1) Fuel Filter

W1026760



Checking Water Separator

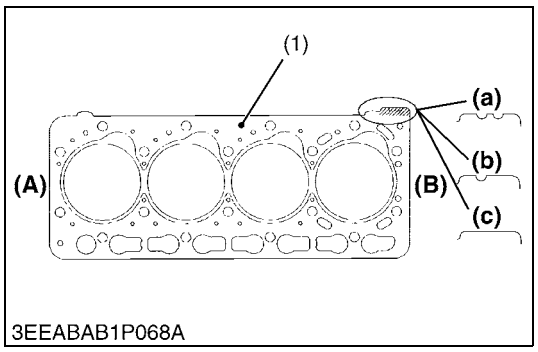
1. As water is collected in the water separator, the red float (1) is raised.
2. When the red float has reached the white line level, close the fuel cock (2), loosen the retainer ring (3), and take out and empty the cup (4). Be careful not to break the element.
3. Place the cup (4) back into position. Vent air out of the fuel system.
   (See **"SERVICE AS REQUIRED"** in periodic service section.)

IMPORTANT

- **If water is drawn through to the fuel pump, extensive damage will occur.**

(1) Red Float
(2) Fuel Cock
(3) Retaining Ring
(4) Cup
(A) "WHITE LINE"

W1026874



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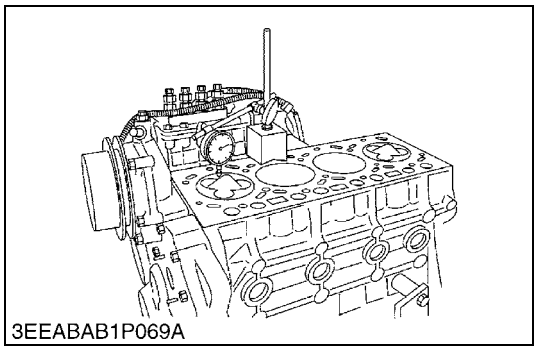
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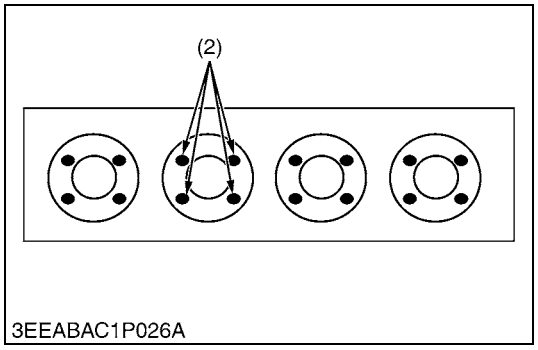

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Selecting Cylinder Head Gasket

■ **IMPORTANT**

- **Selecting cylinder head gasket is affected with above YY0471 of engine serial number.**
- **Cylinder Head Gasket between Engine Serial Number : below YY0470 and above YY0471 are NOT convertible. The Pistons and Piston Ring Assembly are also NOT convertible between Engine Serial Number : below YY0470 and above YY0471.**

■ **Replacing the Cylinder Head Gasket**

1. Make sure to note the notch **(a)**, **(b)** or **(c)** of cylinder head gasket (1) in advance.
2. Replace the same notch **(a)**, **(b)** or **(c)** as the original cylinder head gasket (1).

■ **Selecting the Cylinder Head Gasket**

- Select the cylinder head gasket (1) thickness to meet with the top clearance when replacing the piston, piston pin bush, connecting rod or crankpin bearing.

1. Measure the piston head's protrusion or recessing from the crankcase cylinder face 4 spots per each piston (average of four pistons) using the dial gauge as shown in figure.
2. Select the suitable cylinder head gasket refer to the table below.

Engine Serial Number : above YY0471

Notch of Cylinder Head Gasket	Thickness of cylinder head gasket		Part Code	Piston Head's protrusion or recessing from the level of Crankcase cylinder face. (average of 4 pistons)	
	Before tightening	After tightening		V3300-E V3300-E2	V3300-TE V3300-TE2 V3300-TIE V3300-TIE2
2 notches **(a)**	0.90 mm 0.0354 in.	0.80 mm 0.0315 in.	1C020-03310	-0.07 to +0.0490 mm -0.0028 to +0.0019 in.	-0.27 to -0.151mm -0.0110 to -0.0059 in.
1 notch **(b)**	1.00 mm 0.0394 in.	0.90 mm 0.0354 in.	1C020-03600	+0.050 to +0.149 mm -0.0020 to +0.0058 in.	-0.15 to -0.051 mm -0.0059 to -0.0020 in.
Without notch **(c)**	1.05 mm 0.0413 in.	0.95 mm 0.0374 in.	1C020-03610	+0.150 to +0.20 mm +0.0059 to +0.0078 in.	-0.05 to 0 mm -0.0019 to 0 in.

(1) Cylinder Head Gasket
(2) Measuring Poing

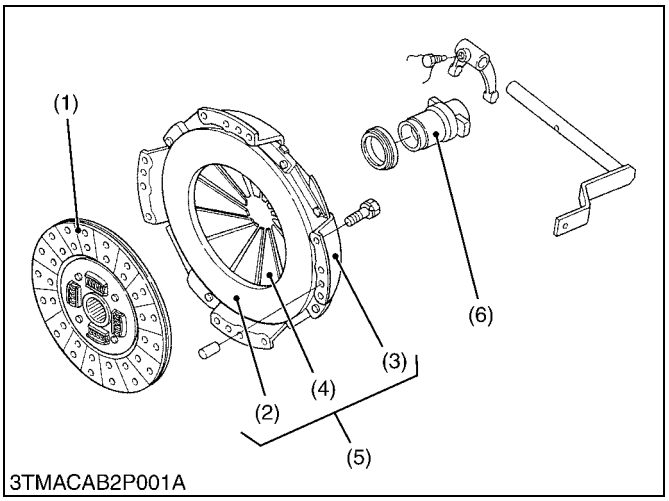
(a) 2 Notches
(b) 1 Notch
(c) Without Notch

(A) Gear Case Side
(B) Flywheel Side

W1022965

1. TRAVELLING CLUTCH

[1] FEATURES



3TMACAB2P001A

This tractor is used dry single plate type clutch.

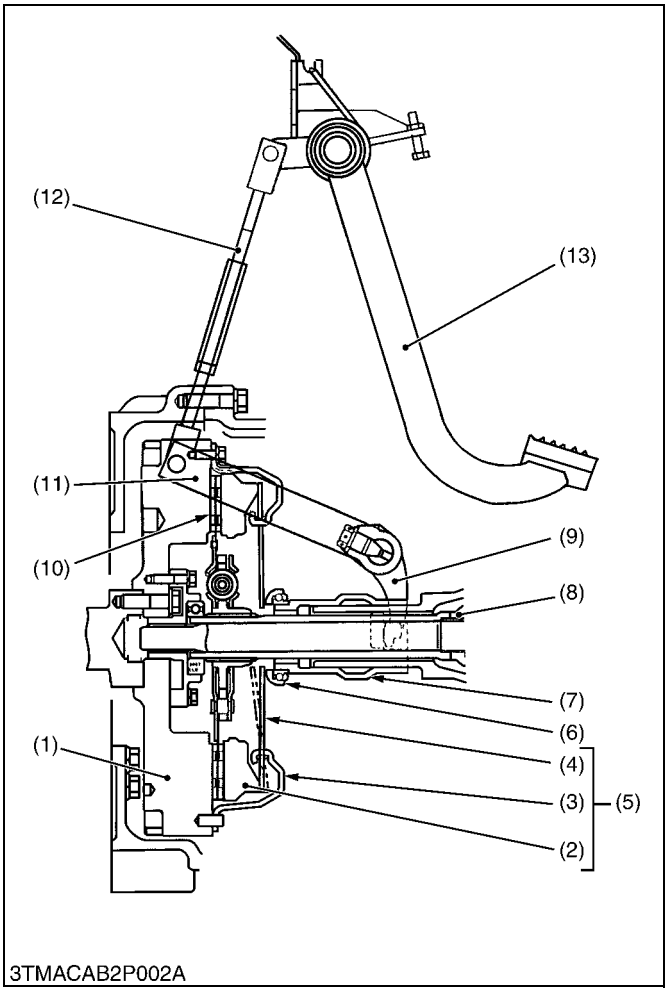
The clutch is located between the engine and transmission and is operated by stepping on the clutch pedal.

When the clutch pedal is depressed, the clutch is disengaged and when it is released, the clutch is engaged and power from the engine is transmitted to the transmission.

(1) Clutch Disc
(2) Pressure Plate
(3) Clutch Cover
(4) Diaphragm Spring
(5) Pressure Plate Assembly
(6) Release Hub

W1012651

[2] TRAVELLING CLUTCH LINKAGE



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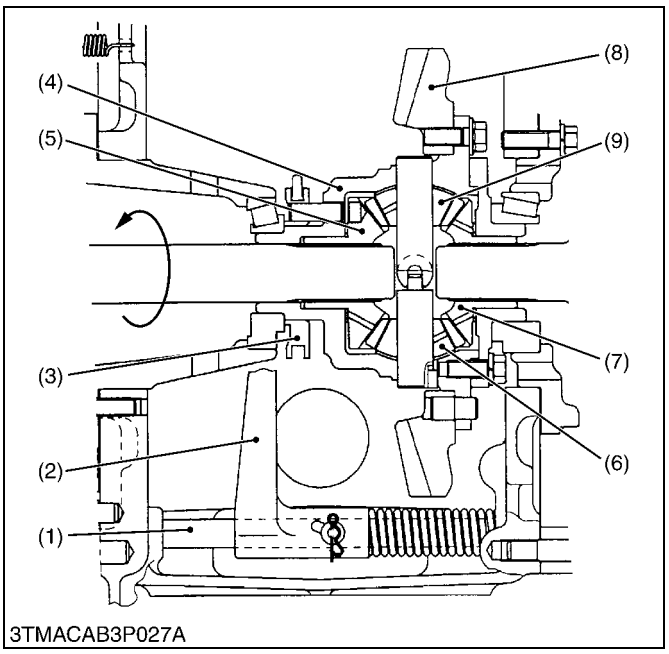
This tractor uses hanging type clutch pedal to have wider space about the platform.

(1) Flywheel
(2) Pressure Plate
(3) Clutch Cover
(4) Diaphragm Spring
(5) Pressure Plate Assembly
(6) Release Bearing
(7) Release Hub
(8) Gear Shaft
(9) Release Fork
(10) Clutch Disc
(11) Clutch Lever
(12) Clutch Rod
(13) Clutch Pedal

W1012740



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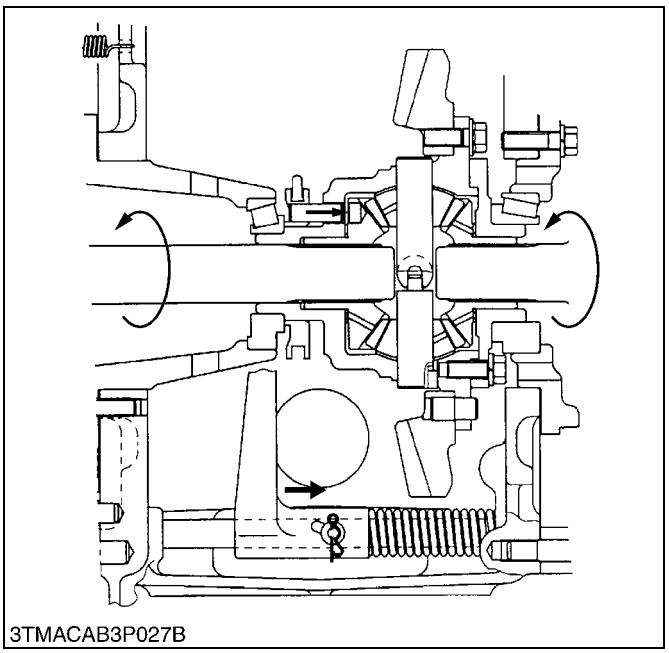
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■ Differential Lock

When resistances to the right and left tires are different due to ground conditions or type of work, the wheel with less resistance slips and prevents the tractor from moving ahead. To compensate for this, the differential lock restricts the differential function and causes both rear axles to rotate as a unit.

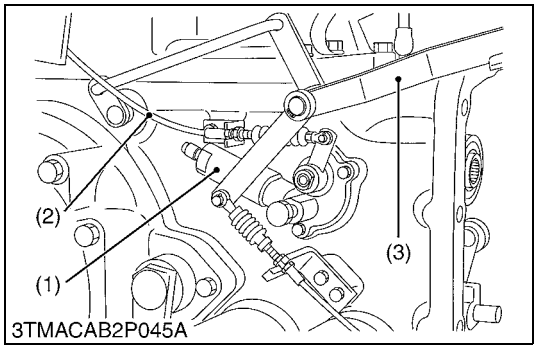
When the differential lock pedal is stepped on, it causes the differential lock cam shaft (1), differential lock shift fork (2) and differential lock shifter (3) are moved forward the ring gear (8).

The pins on the differential lock shifter (3) go into the holes in the differential side gear (5) through the holes in the differential case (4) to cause the differential case, differential lock shifter and differential side gear to rotate as a unit. Therefore the differential pinions (6), (9), can not rotate on their axles, and the rotation of the spiral bevel pinion is transmitted to the both rear axles evenly. It means the tractor going straight ahead.

When the drive wheels regain equal traction, the lock will disengage automatically by the force of differential lock pedal return spring, while released differential lock pedal.

(1) Differential Lock Cam Shaft
(2) Differential Lock Shift Fork
(3) Differential Lock Shifter
(4) Differential Case
(5) Differential Side Gear
(6) Differential Pinion
(7) Differential Side Gear
(8) Ring Gear
(9) Differential Pinion

W1018768



PTO Clutch Valve

1. Remove the differential lock pedal (3).
2. Disconnect the PTO clutch valve cable (2).
3. Remove the PTO clutch valve (1).

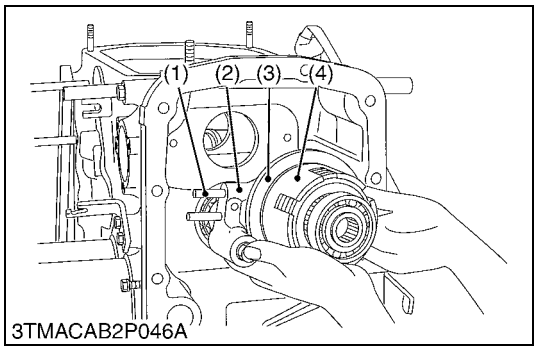
(When reassembling)

- Apply transmission fluid to O-ring.
- Remove the two hydraulic pipes from the PTO clutch holder.
- Insert both the hydraulic pipes into the PTO clutch valve holes down to the bottom.
- Now while aligning the hydraulic pipe ends with the PTO clutch holder holes, assemble the PTO clutch valve (1) to the transmission case.

Tightening torque	PTO clutch valve mounting screw	23.5 to 27.5 N·m 2.4 to 2.8 kgf·m 17.4 to 20.3 ft-lbs

(1) PTO Clutch Valve
(2) PTO Clutch Valve Cable
(3) Differential Lock Pedal

W1023008



PTO Clutch and Holder

1. Remove the PTO clutch holder mounting screws.
2. Remove the PTO clutch (4) with holder.

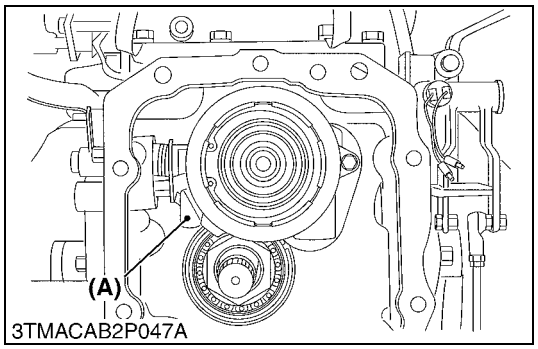
(When reassembling)

- Apply transmission fluid to O-ring.
- Take care not to damage the oil pipes (1).

Tightening torque	PTO clutch holder mounting screw	23.5 to 27.5 N·m 2.4 to 2.8 kgf·m 17.4 to 20.3 ft-lbs

■ **IMPORTANT**

- **When reassembling the PTO clutch assembly, direct the projection part of brake plate (A) as a figure [M6800(S)].**
- **After assembling the PTO clutch assembly, be sure to check the piston operation by air-blowing.**



(1) Oil Pipe
(2) Holder
(3) Brake Plate
(4) PTO Clutch Pack

W1027164

[4WD TYPE]

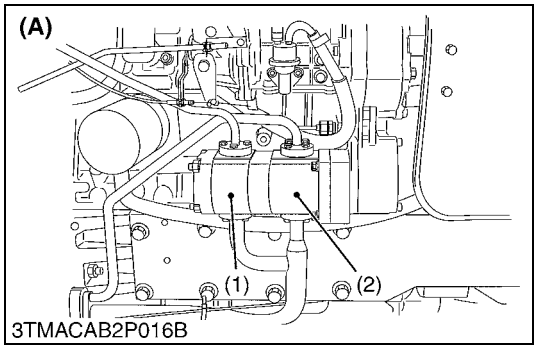
Item		Factory Specification	Allowable Limit
Front Wheel Alignment	Toe-in	2.0 to 8.0 mm 0.078 to 0.315 in.	–
Front Wheel	Steering Angle	0.840 to 0.873 rad 48 to 50 °	–
	Axial Sway	5.0 mm 0.197 in.	–
	Radial Sway	4.0 mm 0.157 in.	–
Bevel Gear Case and Stopper	Clearance	Below 0.5 mm 0.02 in.	–
Front Axle	Swing Angle	0.122 to 0.192 rad 7 to 11 °	–
	Rocking Force	98 to 147 N 10 to 15 kgf 22 to 33 lbs	–
Differential Case to Differential Side Gear	Clearance	0.050 to 0.091 mm 0.00197 to 0.00358 in.	0.35 mm 0.0138 in.
Differential Case	I.D.	32.025 to 32.050 mm 1.26083 to 1.26181 in.	–
Differential Side Gear	O.D.	31.959 to 31.975 mm 1.25823 to 1.25886 in.	–
Differential Pinion Shaft to Differential Pinion Gear	Clearance	0.016 to 0.052 mm 0.00063 to 0.00205 in.	0.25 mm 0.0098 in.
Differential Pinion Shaft	O.D.	15.966 to 15.984 mm 0.62858 to 0.62929 in.	–
Differential Pinion Gear	I.D.	16.000 to 16.018 mm 0.62992 to 0.63063 in.	–
Bevel Pinion Shaft to Bevel Gear	Backlash	0.20 to 0.30 mm 0.0079 to 0.0118 in.	0.4 mm 0.016 in.
Bevel Gear in Bevel Gear Case	Backlash	0.20 to 0.30 mm 0.0079 to 0.0118 in.	0.4 mm 0.016 in.
Bevel Gear in Front Wheel Case	Backlash	0.20 to 0.30 mm 0.0079 to 0.0118 in.	0.4 mm 0.016 in.
Bearing Retainer	O.D.	64.970 to 65.000 mm 2.55787 to 2.55906 in.	–
Bevel Gear Case	O.D.	49.975 to 50.000 mm 1.96752 to 1.96850 in.	–
Internal Gear to Planetary Gear	Backlash	0.10 to 0.30 mm 0.0039 to 0.0118 in.	0.5 mm 0.020 in.

W1013874

4. CHECKING, DISASSEMBLING AND SERVICING

[1] POWER STEERING HYDRAULIC PUMP

(1) Checking and Adjusting



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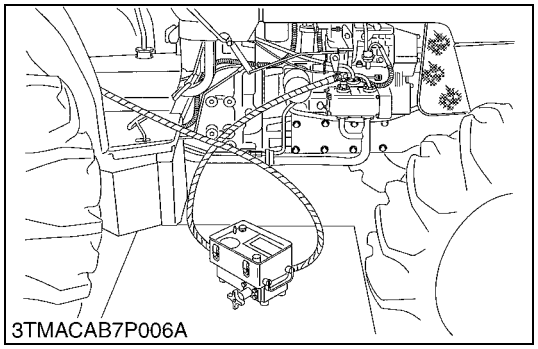
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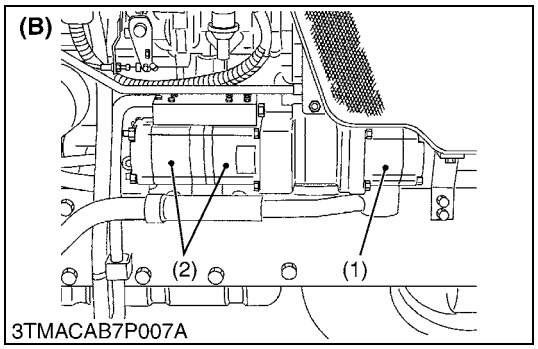

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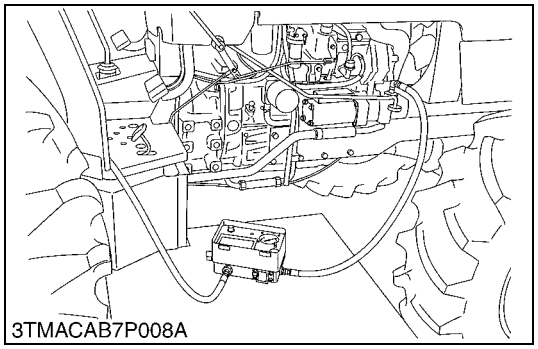
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Hydraulic Flow Test

■ **IMPORTANT**

- **When using flowmeter other than KUBOTA specified flowmeter, be sure to use the instructions with the flowmeter.**
- **Do not close the flowmeter loading valve completely, before testing, because it has no relief valve.**

1. Disconnect the delivery pipe which is connected from hydraulic pump to steering controller.
2. Install the adaptor **53** and **54** to the pump discharge port. [Adaptor **53** and **54** are included in adaptor set (Code No. 07916-54301).]
3. Connect the hydraulic test hose to the adaptor **53** and flowmeter inlet port.
4. Connect the other hydraulic test hose to the flowmeter outlet and put the end of the hose into the transmission oil port.
5. Open the flowmeter loading valve completely. (Turn counterclockwise.)
6. Start the engine and set the engine speed at 2000 to 2200 min^{-1} (rpm).
7. Slowly close the loading valve to generate pressure approx. 9.8 MPa (100 kgf/cm^2, 1422 psi). Hold in this condition until oil temperature reaches approx. 50 °C (122 °F).
8. Open the loading valve completely.
9. Set the engine speed. (Refer to condition.)
10. Read and note the pump delivery at no pressure.
11. Slowly close the loading valve to increase rated pressure. (Refer to condition.) As the load is increased, engine speed drops, therefore, reset the engine speed.
12. Read and note the pump delivery at rated pressure.
13. Open the loading valve completely and stop the engine.
14. If the pump delivery does not reach the allowable limit, check the pump suction line, oil filter or hydraulic pump.

Condition

- Engine speed ..... Approx. 2600 min^{-1} (rpm)
- Rated pressure ..... 17.7 MPa
  180 kgf/cm^2
  2560 psi
- Oil temperature ..... 45 to 55 °C
  113 to 131 °F

Hydraulic pump delivery at no pressure	Factory spec.	21.2 L/min. 5.6 U.S.gals./min. 4.7 Imp.gals./min.
Hydraulic pump delivery at rated pressure	Factory spec.	20.8 L/min. 5.5 U.S.gals./min. 4.6 Imp.gals./min.
	Allowable limit	17.3 L/min. 4.6 U.S.gals./min. 3.8 Imp.gals./min.

(1) Power Steering Pump
(2) Three Point Hydraulic Pump
(A) Individual Flow Type
(B) Combined Flow Type

W1011741

10. AUXILIARY CONTROL VALVE

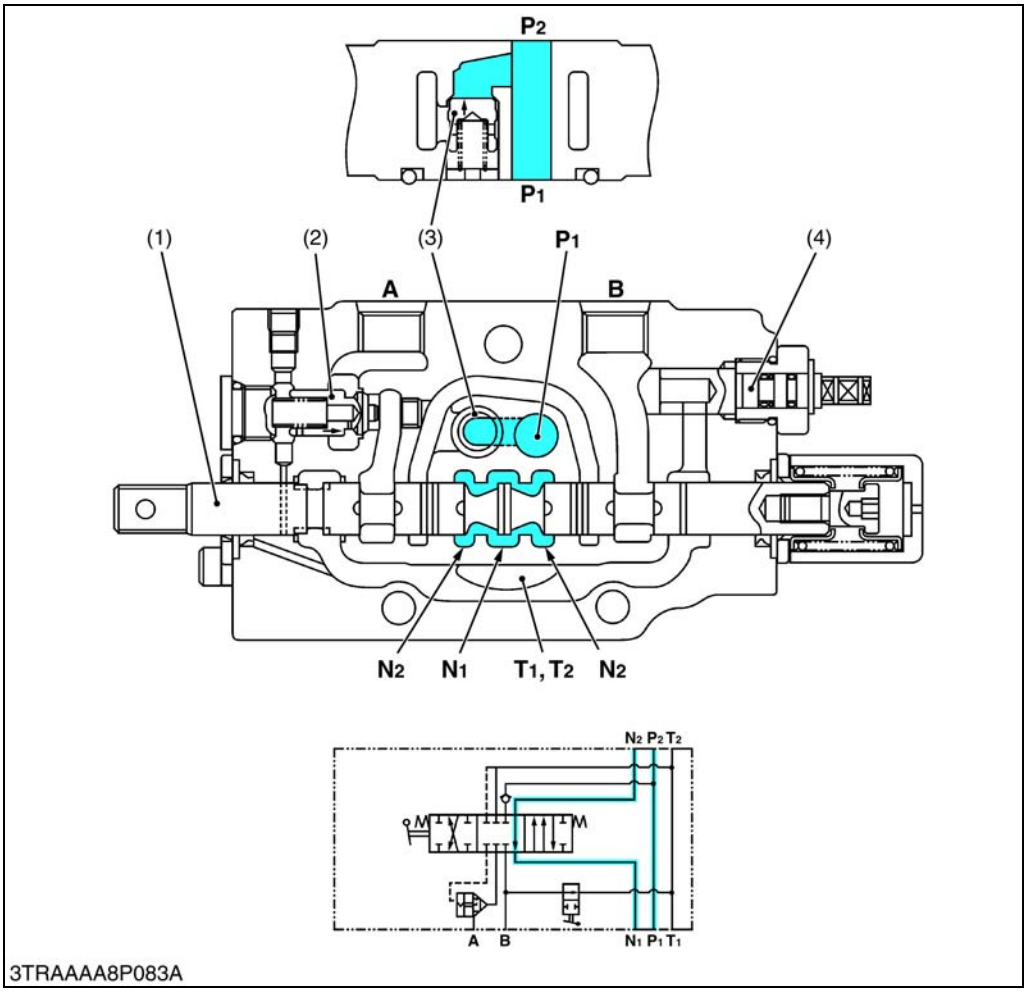
If necessary, hydraulic power for implements can be taken out using auxiliary control valves and quick couplers.

■ **IMPORTANT**

- **When taking out hydraulic power, replenish transmission oil in the quantity equal to the flow rate required for the implement cylinder.**

[1] SINGLE / DOUBLE ACTING TYPE

■ **Neutral**



(1) Spool
(2) Check Valve 1
(3) Check Valve 2
(4) Selecting Valve

A : A Port
B : B Port
P_1 : P_1 Port (From Hydraulic Pump)
P_2 : P_2 Port (To Auxiliary Control Valve)
N_1 : N_1 Port (To Transmission Case)
N_2 : N_2 Port (From Auxiliary Control Valve)
T_1 : T_1 Port (To Transmission Case)
T_2 : T_2 Port (From Auxiliary Control Valve)

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Pressure-fed oil from the hydraulic pump is delivered into the **P_1** port.

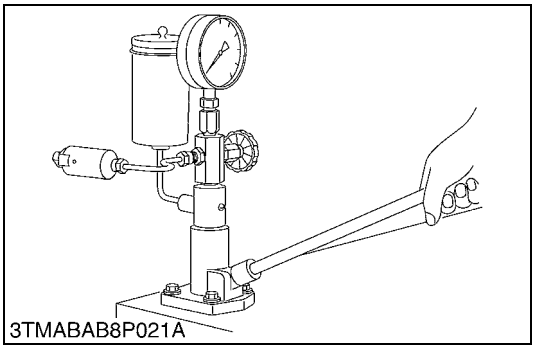
As the passage from the **P_1** port to the **A** port or **B** port is blocked by the spool (1), the oil in the **P_1** port flows across the valve body to **P_2** port.

When the double acting auxiliary control valve is in neutral mode, the oil flows from **P_2** port to **N_2** port via the auxiliary control valve and its cover to **N_2** port.

Then, the oil in the **N_2** port flows along the notched section of the spool (1) to the **N_1** port to the transmission case.

(2) Servicing

(A) Cylinder Safety Valve



Operating Pressure of Cylinder Safety Valve

1. Attach the cylinder safety valve to an injection nozzle tester with a safety valve setting adaptor. (Refer to **"9. SPECIAL TOOLS"** at GENERAL Section.)
2. Measure the operating pressure of the cylinder safety valve.
3. If the operating pressure is not within the factory specifications, adjust by turning the adjusting screw. (See page 8-S27.)
4. After adjustment, tighten the lock nut firmly.

Cylinder safety valve operating pressure	Factory spec.	M6800 (S)	21.1 to 22.6 MPa 215 to 230 kgf/cm^2 3058 to 3271 psi
		M8200 M9000	23.1 to 24.5 MPa 235 to 250 kgf/cm^2 3342 to 3556 psi

■ **NOTE**

- **Use specified transmission fluid (refer to "5. LUBRICANTS, FUEL AND COOLANT" at GENERAL Section) to test the operating pressure of the cylinder safety valve.**

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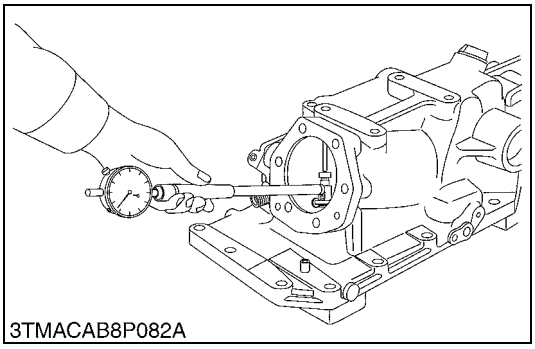
(B) Hydraulic Cylinder Assembly



Hydraulic Cylinder Bore

1. Check the cylinder internal surface for scoring or damage.
2. Measure the cylinder I.D. with a cylinder gauge.
3. If the measurement exceeds the allowable limit, replace it.

[M6800(S)]

Cylinder I.D.	Factory spec.	90.000 to 90.050 mm 3.54330 to 3.54527 in.
	Allowable limit	90.15 mm 3.5492 in.

[M8200 · M9000]

Cylinder I.D.	Factory spec.	100.036 to 100.071 mm 3.93843 to 3.93980 in.
	Allowable limit	100.15 mm 3.94291 in.

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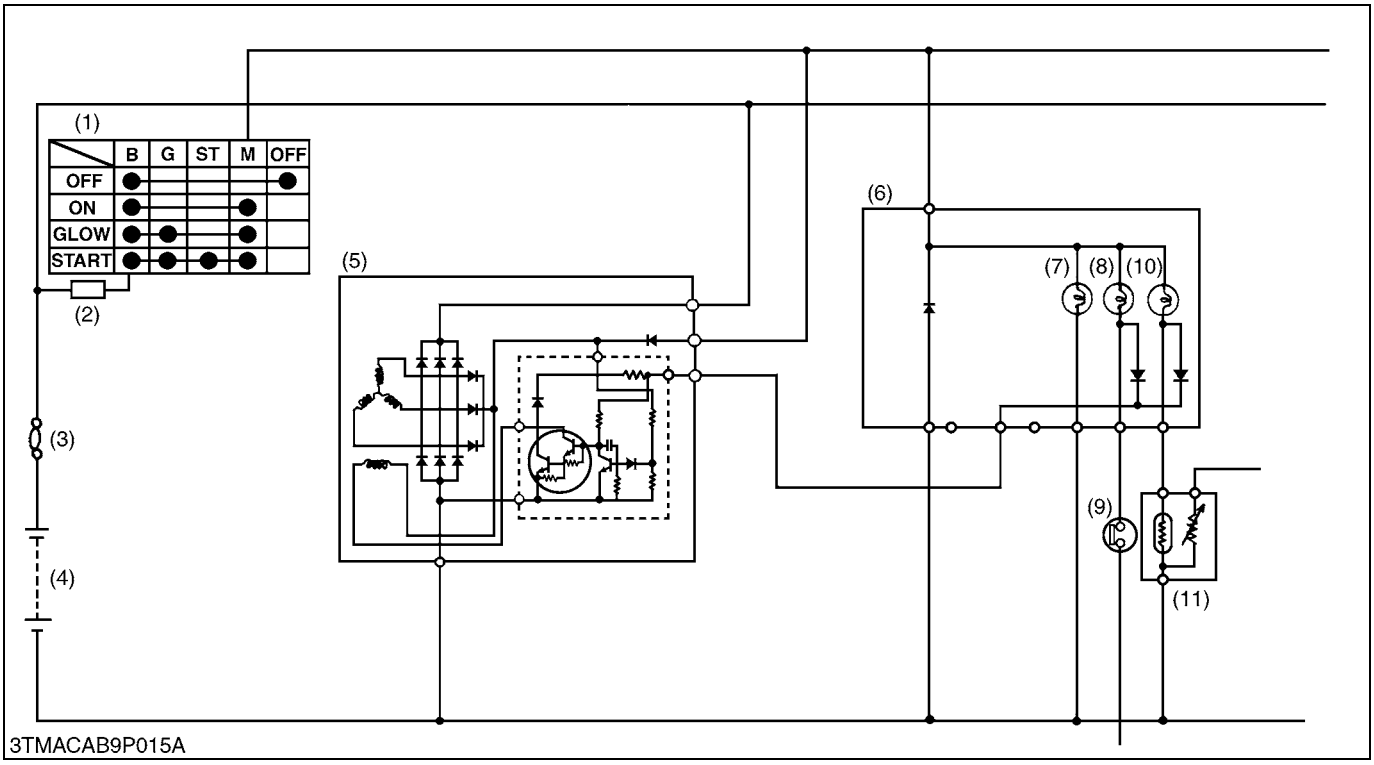
6. EASY CHECKER

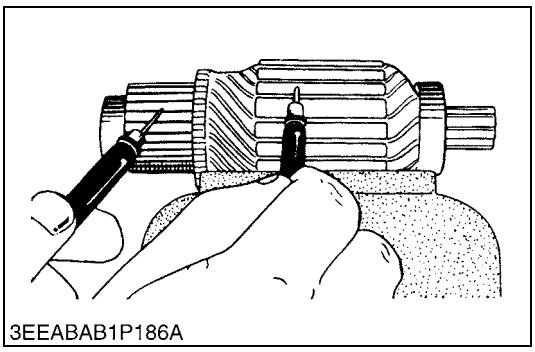
[1] DESTINATION

(1) For North America, Oceania, Asia and Other Country



(1) Main Switch
(2) Fuse (20 A)
(3) Slow Blow Fuse
(4) Battery
(5) Alternator
(6) Panel Board
(7) PTO Lamp
(8) Engine Oil Pressure Lamp
(9) Engine Oil Pressure Switch
(10) Fuel Limit Lamp
(11) Fuel Limit Sensor

The operator must check the conditions of the tractor before and during operation. To facilitate checking, the Easy Checker-combination of lamps on the panel board is provided.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Armature Coil

1. Check the continuity across the commutator and armature coil core with an ohmmeter.
2. If it conducts, replace the armature.
3. Check the continuity across the segments of the commutator with an ohmmeter.
4. If it does not conduct, replace the armature.

Resistance	Commutator – Armature coil core	Infinity
	Commutator segment	0 Ω

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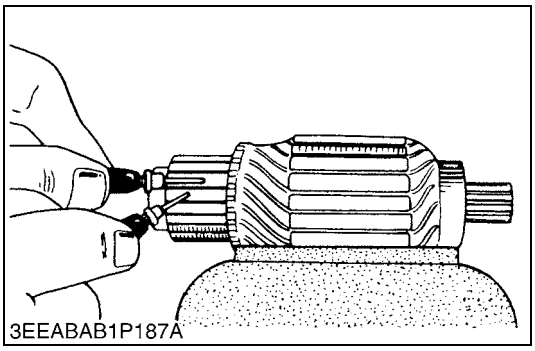
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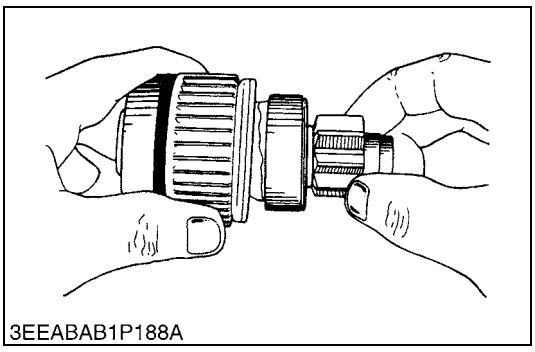
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Overrunning Clutch

1. Inspect the pinion for wear or damage.
2. If there is any defect, replace the overrunning clutch assembly.
3. Check that the pinion turns freely and smoothly in the overrunning direction and does not slip in the cranking direction.
4. If the pinion slips or does not rotate in the both directions, replace the overrunning clutch assembly.

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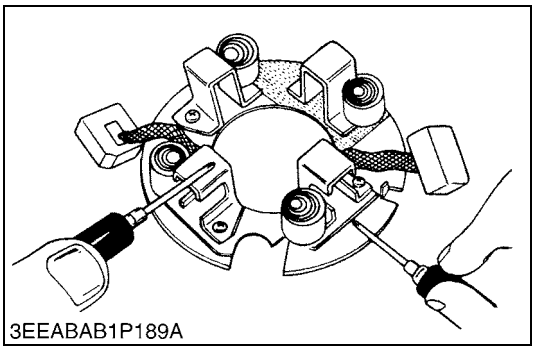
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Brush Holder

1. Check the continuity across the brush holder and the holder support with an ohmmeter.
2. If it conducts, replace the brush holder.

Resistance	Brush holder – Holder support	Infinity

W1017672

Model			M8200Q		M9000Q	
			2WD	4WD	2WD	4WD
Engine	Model		V3300-TE / V3300-TE2		V3300-TIE / V3300-TIE2	
	Type		Vertical, water-cooled, 4-cycle diesel engine			
	Number of cylinders		4			
	Total displacement		3318 cm^3 (202.5 cu.in.)			
	Bore and stroke		98 × 110 mm (3.9 × 4.3 in.)			
	Net power		61.2 kW (82 HP)*		67.2 kW (90 HP)*	
	PTO power (factory observe)		54.5 kW (73 HP)* / 2600 min^{-1} (rpm)		59.7 kW (80 HP)* / 2600 min^{-1} (rpm)	
	Maximum torque		285 N·m (29.1 kgf·m, 210.2 ft-lbs) / 1300 to 1500 min^{-1} (rpm)		311 N·m (31.7 kgf·m, 229.4 ft-lbs) / 1400 to 1600 min^{-1} (rpm)	
	Battery capacity		12 V, CCA : 1000 A			
	Fuel		Diesel fuel No. 1 [below –10 °C (14 °F], Diesel fuel No. 2-D [above –10 °C (14 °F)]			
	Fuel tank capacity		110 L (29.1 U.S.gals., 24.2 Imp.gals.)			
	Engine oil capacity		10.7 L (11.3 U.S.qts., 9.4 Imp.qts.)			
	Coolant capacity		9.0 L (9.5 U.S.qts., 7.9 Imp.qts.)			
Dimensions	Overall length**		Refer to next page			
	Overall width (min. tread)		1980 mm (78.0 in.)			
	Overall height (with CABIN)		Refer to next page			
	Wheel base		2250 mm (88.6 in.)			
	Tread	Front	1440 to 2040 mm (56.7 to 80.3 in.)	1420 to 1520 mm (55.9 to 59.8 in.)	1440 to 2040 mm (56.7 to 80.3 in.)	1520 to 1620 mm (59.8 to 63.8 in.)
		Rear	1520 to 1920 mm (59.89 to 75.6 in.)			
	Minimum ground clearance		430 mm (16.9 in.) (BRACKET DRAWBAR)		450 mm (17.7 in.) (BRACKET DRAWBAR)	
Weight (with CABIN)			Refer to next page			
Travelling system	Standard tire size		Refer to next page			
	Clutch		Single dry plate			
	Steering		Hydrostatic power steering			
	Braking system		Multiple wet disc mechanical			
	Differential		Bevel gears with differential lock (Front, Rear)			
Hydraulic system	Hydraulic control system		Position, draft and mix control			
	Pump capacity	Individual flow type	41.6 L (44.0 U.S.qts., 36.6 Imp.qts.) / min.			
		Combine flow type	64.3 L (67.9 U.S.qts., 56.6 Imp.qts.) / min.			
	Three point hitch		SAE Category II			
	Max. lift force	At lift points**	Standard : 2500 kg (5560 lbs) with assist cylinder : 3400 kg (7497 lbs)			
		24 in. behind lift points	Standard : 2100 kg (4630 lbs) with assist cylinder : 2900 kg (6395 lbs)			
	System pressure		Individual flow type pump : 19.1 MPa (195 kgf/cm^2, 2775.4 psi) Combine flow type pump : 19.6 MPa (200 kgf/cm^2, 2846.6 psi)			
PTO	Live PTO (Indipendent)	Direction of turning	Clockwise, viewed from tractor rear			
		PTO / engine speed	Fixed PTO shaft type with 1 speed : 540 min^{-1} (rpm) at 2205 min^{-1} (rpm) Fixed PTO shaft type with 2 speeds : 540 min^{-1} (rpm) at 2035 min^{-1} (rpm) 540E min^{-1} (rpm) at 1519 min^{-1} (rpm) Interchangeable PTO shaft type : 540 min^{-1} (rpm) at 2035 min^{-1} (rpm) 1000 min^{-1} (rpm) at 2389 min^{-1} (rpm)			

Note : * Manufacture's estimate

** The overall length showing 2WD type is with front weight bracket and 4WD type is without front weight bracket.

The company reserves the right to change the specifications without notice.

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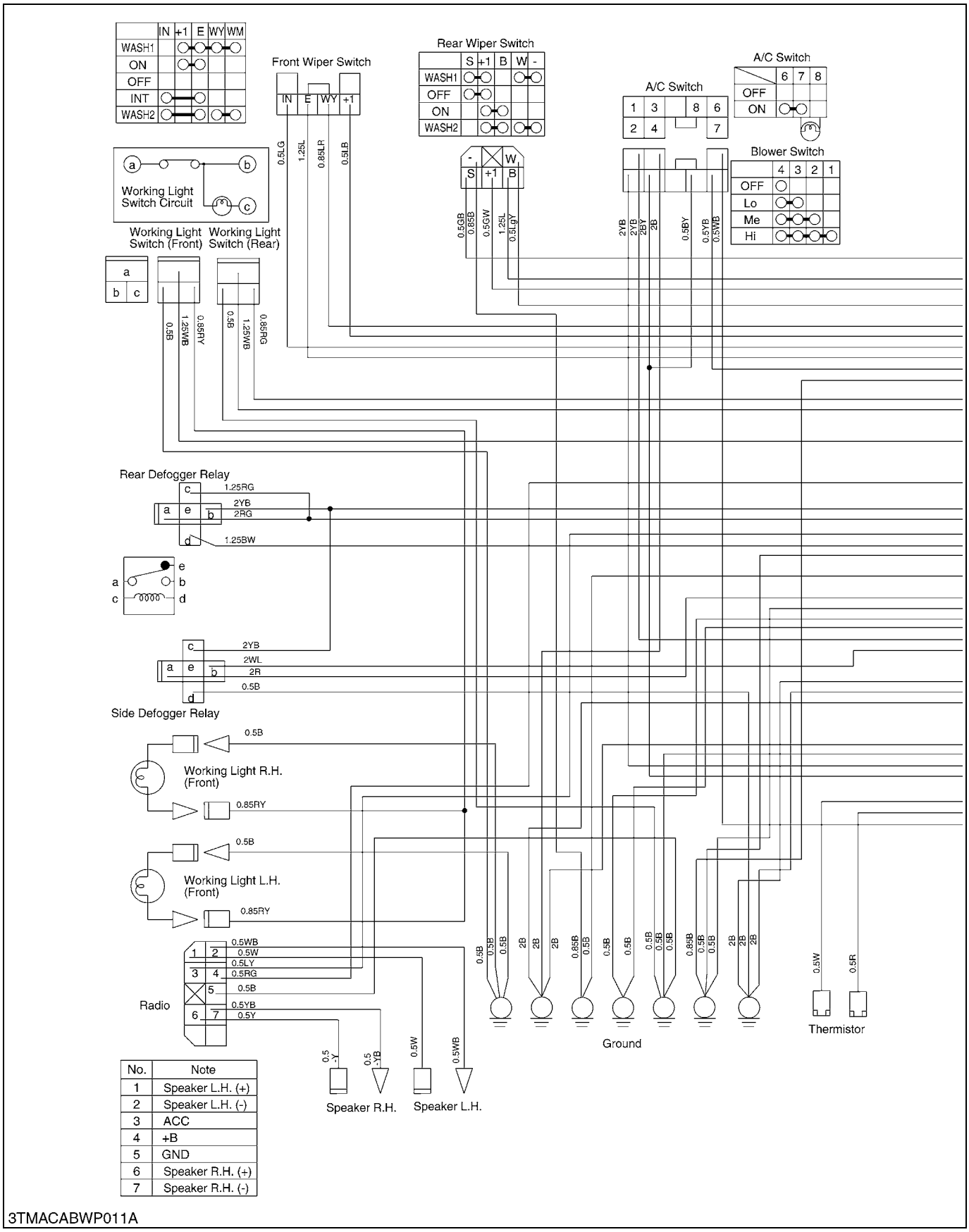
■ For Canada (Cabin)
Type 1



No.	Note
1	Speaker L.H. (+)
2	Speaker L.H. (-)
3	ACC
4	+B
5	GND
6	Speaker R.H. (+)
7	Speaker R.H. (-)

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