PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

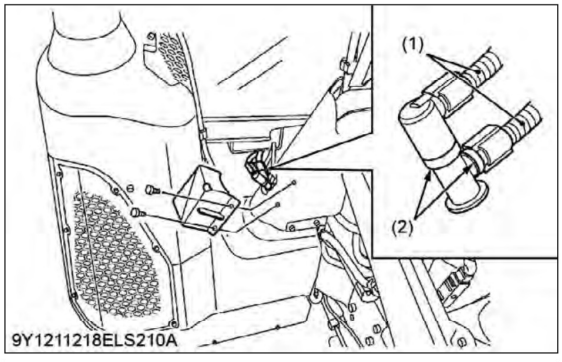
PREVIEW - YOUFIXTHIS.COM

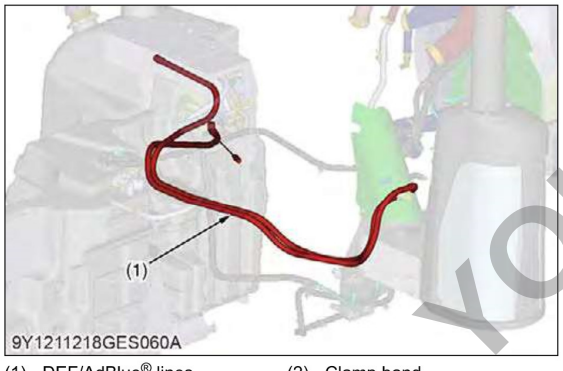
Download full manual at youfixthis.com

EGR cooler leakage test pressure	Factory specification	250 kPa 2.5 kgf/cm^2 36 psi

4. If there are air leaks, replace the EGR cooler.

12.4 Checking DEF/AdBlue® line

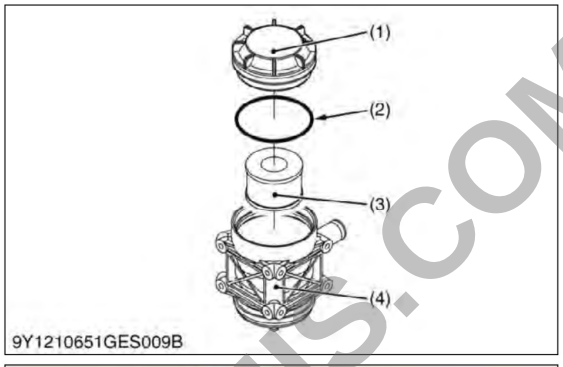




(1) DEF/AdBlue® lines (2) Clamp band

1. Check to see that all lines from the DEF/AdBlue® injector to the tank are securely connected and not damaged.
2. If hoses and clamps are found worn or damaged, replace or repair them at once.

12.5 Checking positive crankcase ventilation (PCV) valve





(1) Cover (3) Element
(2) O-ring (4) Body

1. Remove the cover (1) and element (3).
2. Press on the PCV valve and check that it moves smoothly.
3. If it does not move smoothly, replace the oil separator.

12.6 Replacing oil separator element

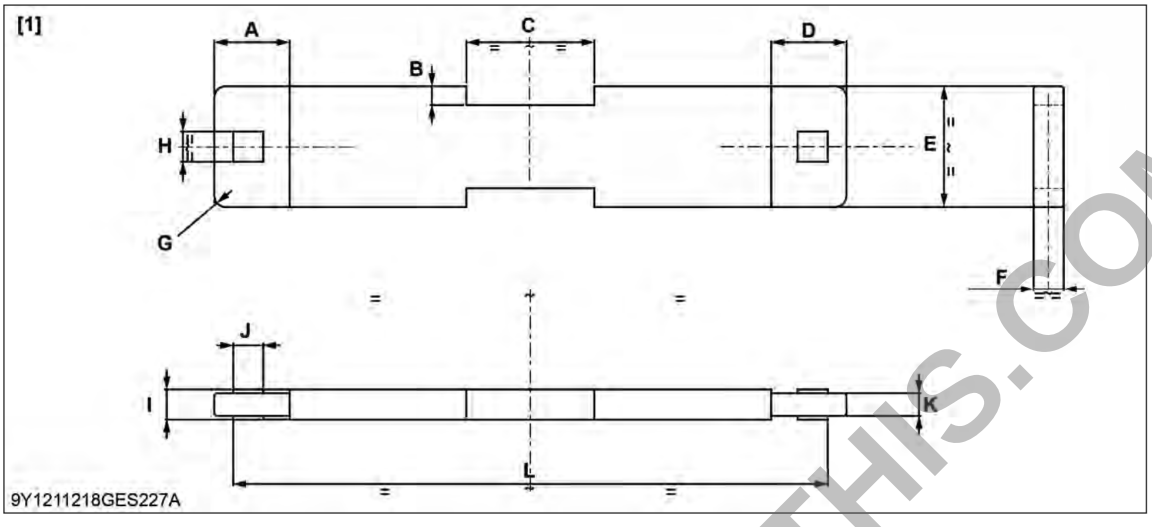
⚠ WARNING

- **Be sure to stop the engine before replacing the oil separator element.**

PREVIEW - YOUFIXTHIS.COM

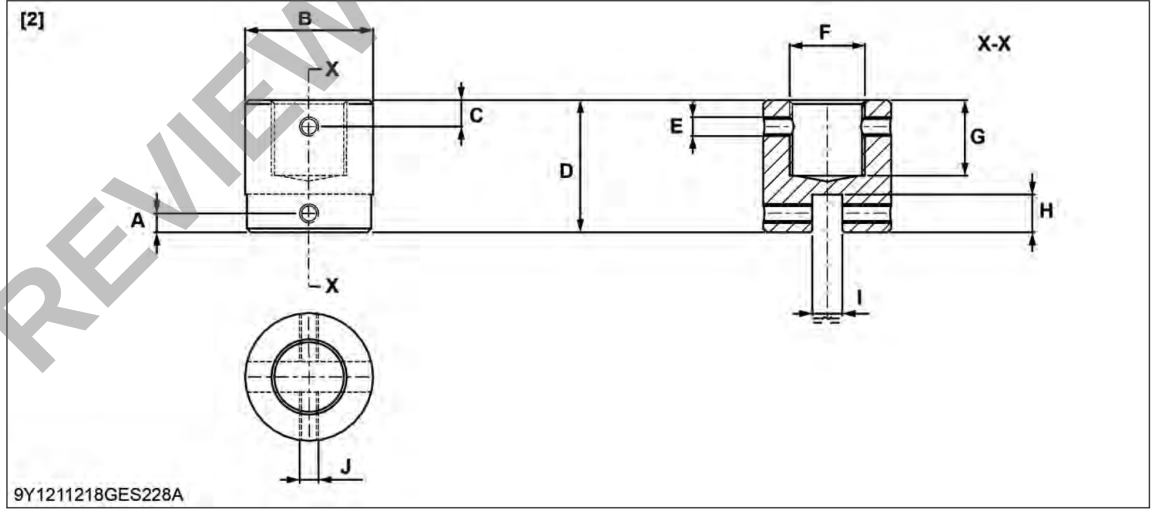
Download full manual at youfixthis.com

[1]



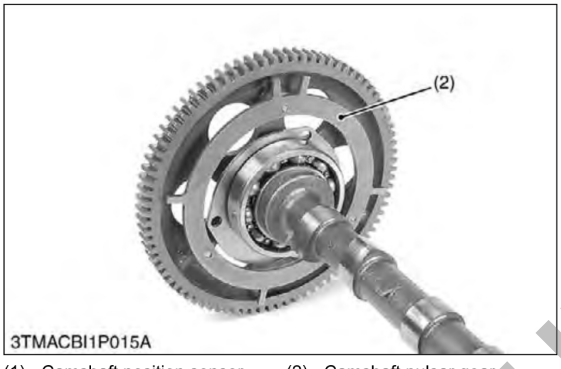
A	20 mm (0.78 in.)
B	5 mm (0.19 in.)
C	34.00 to 34.02 mm (1.338 to 1.339 in.)
D	20 mm (0.78 in.)
E	32 mm (1.25 in.)
F	7.95 to 8.00 mm (0.312 to 0.314 in.)
G	Radius 3 mm (Radius 0.11 in.)
H	8 mm (0.31 in.)
I	7.95 to 8.00 mm (0.312 to 0.314 in.)
J	8 mm (0.31 in.)
K	6 mm (0.23 in.)
L	150 mm (5.90 in.)

[2]



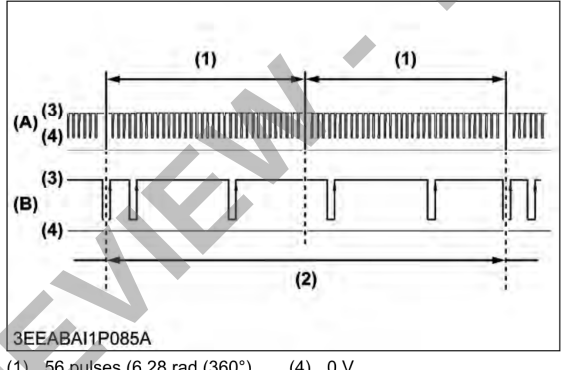
PREVIEW - YOUFIXTHIS.COM
Download full manual at youfixthis.com





(1) Camshaft position sensor (2) Camshaft pulsar gear

5.6.3.3 The pulse chart of the crankshaft position sensor output signal and camshaft position sensor output signal



(1) 56 pulses (6.28 rad (360°) crank angle)
(2) 5 pulses (12.6 rad (720°) crank angle)
(3) 5 V
(4) 0 V
A: Crankshaft position sensor output voltage
B: Camshaft position sensor output voltage

This figure shows the pluse chart of the crankshaft position sensor output signal and camshaft position sensor output signal.
The camshaft pulsar gear rotates once when the crankshaft pulsar gear rotates twice (12.6 rad (720°) crank angle).

There is a gearless section in the crankshaft pulsar gear. The ECU determines whether it is T.D.C. if the camshaft position sensor signal is detected while the crankshaft position sensor is passing this gearless section.

5.6.3.4 Function of foot throttle sensor

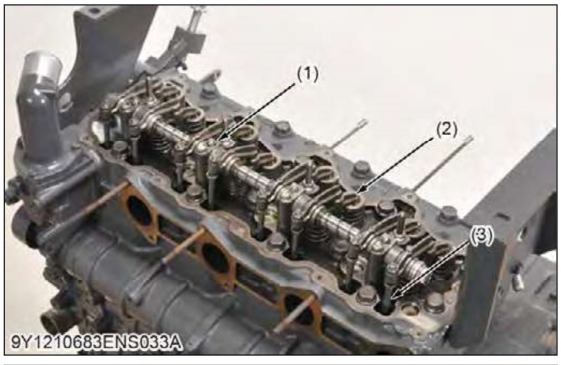
The foot throttle sensor (1) detects the opening angle of the accelerator pedal and converts the accelerator opening angle into an electric signal and outputs it to the main ECU.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

4.3.7.4 Removing rocker arm and push rod

1. Remove the rocker arm (1) as a unit.
2. Remove the push rods (3).
3. Remove the bridge arm (2).





(1) Rocker arm
(2) Bridge arm
(3) Push rod

(When reassembling)

■ IMPORTANT

- **After reassembling the rocker arm, make sure to adjust the valve clearance.**
- When putting the push rods onto the tappets, check to see if their ends are properly engaged with the grooves.
- When putting the bridge arm onto the valve, check to see if the groove (a) is installed to the exhaust manifold side.



(a) Groove

Nut part number : 02751-5008*, Screw part number : 01754-5087*

Tightening torque	Rocker arm bracket mounting screw and nut	24 to 27 N·m 2.5 to 2.7 kgf·m 18 to 19 lbf·ft

Nut part number : 02756-5008*, Screw part number : EG505-9106*

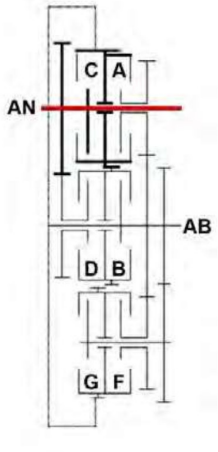
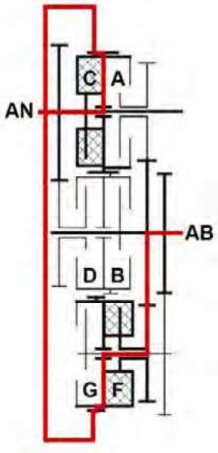
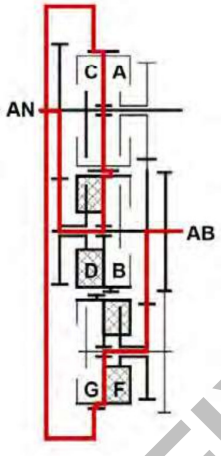
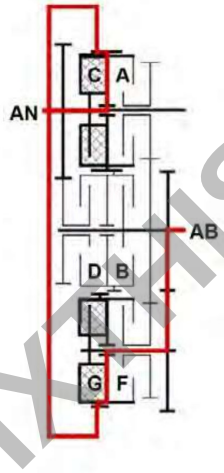
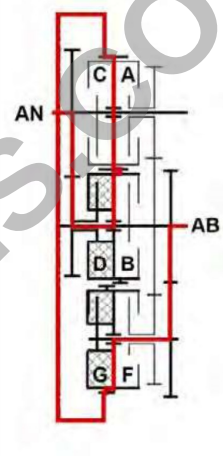
Tightening torque	Rocker arm bracket mounting screw and nut	33 to 37 N·m 3.4 to 3.7 kgf·m 25 to 27 lbf·ft

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

1.2.1.2 Operation of reverse speed

The reverse range uses 2 hydraulic clutches out of 4 (C, D, G and F) which are switched over by turning on and off the proportional solenoid valve.

Neutral	Reverse 1	Reverse 2	Reverse 3	Reverse 4
 9Y1211218TRM022A	 9Y1211218TRM023A	 9Y1211218TRM024A	 9Y1211218TRM025A	 9Y1211218TRM026A

AN:
Input
AB:
Output

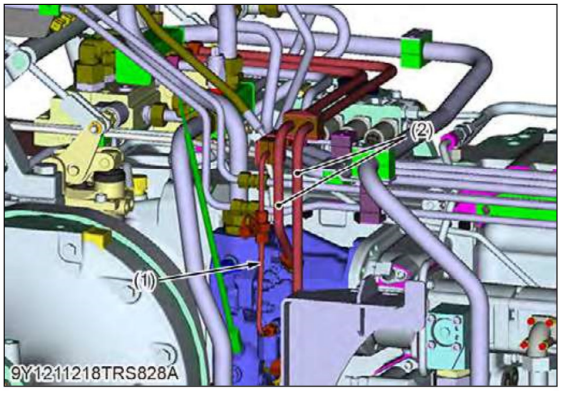
Drive direction	Reverse				Neutral
Main gear position	1	2	3	4	N
Clutch activation	F C	F D	G C	G D	*

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

1.5.1.9.3 Removing return pipes and LS pipe

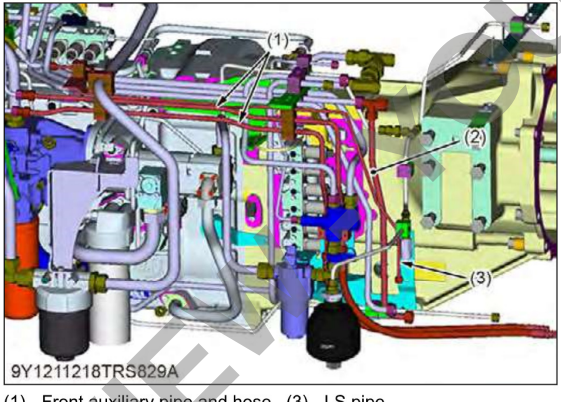
1. Remove the return pipes (2) and LS pipe (1).



(1) LS pipe (2) Return pipe

1.5.1.9.4 Removing front auxiliary pipes, hoses, return pipe and LS pipe

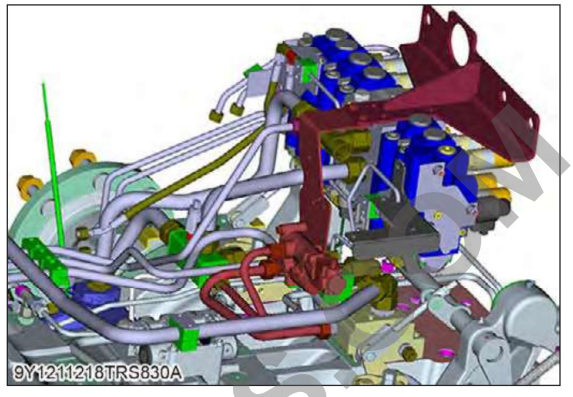
1. Remove the front auxiliary pipes and hoses (1), return pipes (2) and LS pipe (3).



(1) Front auxiliary pipe and hose (3) LS pipe
(2) Return pipe

1.5.1.9.5 Removing trailer hydraulic control valve and pipes

1. Remove the trailer hydraulic control valve and the highlighted pipes.

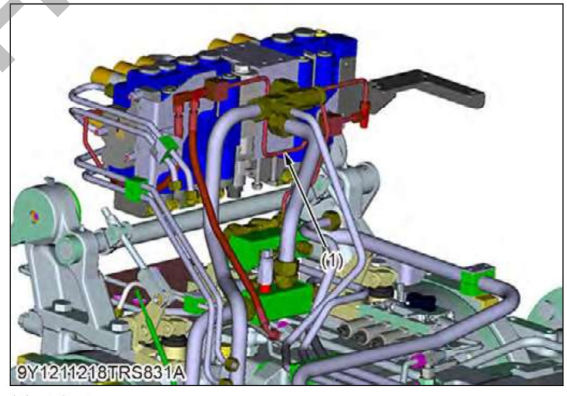


(When reassembling)

Tightening torque	Trailer hydraulic control valve mounting bolts	23.5 to 27.5 N·m 2.40 to 2.80 kgf·m 17.4 to 20.2 lbf·ft

1.5.1.9.6 Removing LS pipes

1. Remove the LS pipes (1).



(1) LS pipe

PREVIEW ONLY

Download full manual at youfixthis.com

1.7.3 Main transmission

1.7.3.1 Preparation

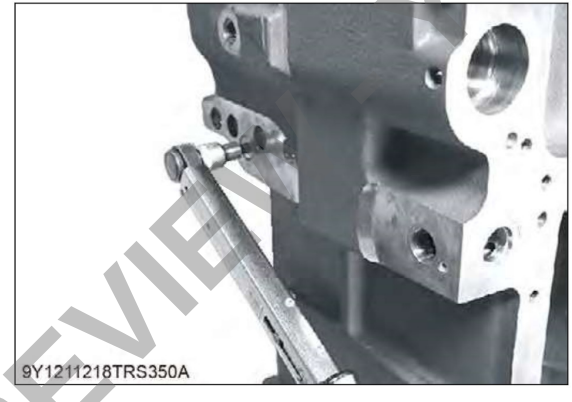
1.7.3.1.1 Preparing main transmission assembling

1. If a new transmission housing is mounted, pay attention to the plug of the auxiliary hole (see arrow).

CAUTION
- **New transmission housings are delivered with sealed holes.**



2. Provide the screw plug with a new O-ring, then mount it.



Tightening torque	Screw plug for main transmission	35 N·m 3.6 kgf·m 26 lbf·ft

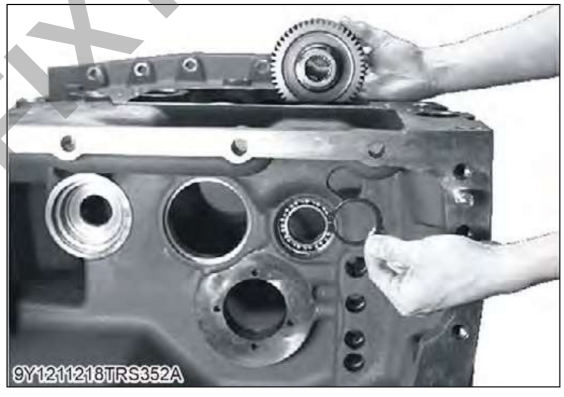
1.7.3.2 Pump drive gear

1.7.3.2.1 Assembling pump drive gear

1. Insert the ball bearing into the housing hole by means of a suitable mandrel. Engage the retaining ring into the annular groove of the transmission housing.



2. Heat bearing inner ring. Insert spur gear and fix it by engaging the retaining ring into the annular groove of the spur gear.



PREVIEW YOUFIXTHIS.COM

Download full manual at youfixthis.com

3. Fix the spider shafts with a slotted pin.

CAUTION
- **Mount the slotted pin with the opening showing upwards.**



4. Mount two locating pins (S) and place the crown wheel. Then mount axle bevel gear and thrust washer. Optional: Mount axle bevel gear, sleeve and thrust washer.

CAUTION
- **Pay attention to the installation position of the thrust washer.**
  Mount the thrust washer with the chamfer on the inner diameter showing upwards.

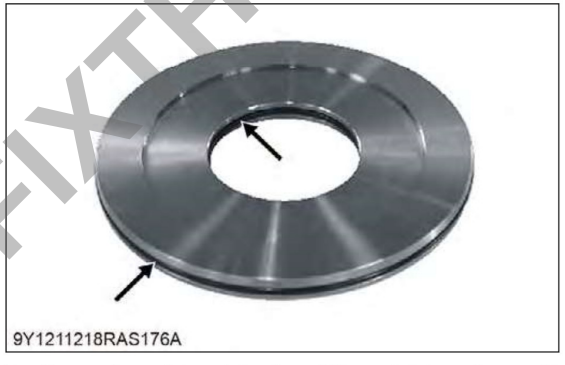


5. Mount the disc package.

CAUTION
- **For the number of discs and disc arrangement please refer to the relating spare parts list.**
- **Observe installation position of the outer discs with one-sided coating.**
  Install outer discs with the coating facing inwards towards the inner disc.



6. Oil the O-rings (see arrows) and insert them into the annular grooves of the piston.



7. Press the piston into the differential housing until contact is obtained.

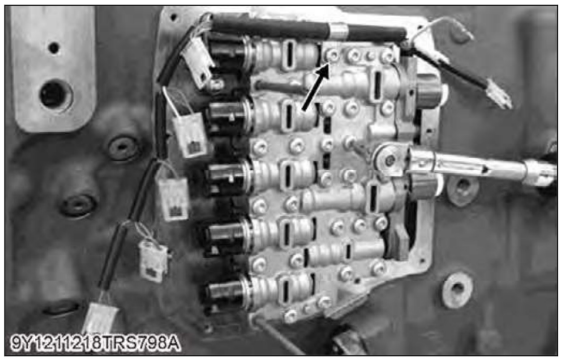
CAUTION
- **Pay attention to the installation position, refer to figure.**



PREVIEW - YOUFIXTHIS.COM

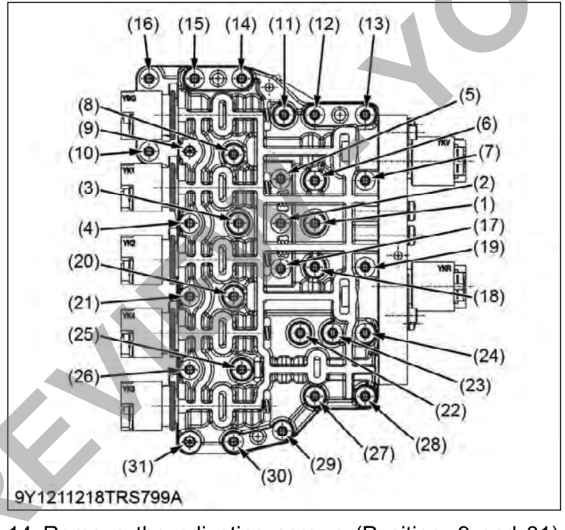
Download full manual at youfixthis.com

12. Fix the control unit by means of Torx screws (Position 1 to 31 in the specified order, see figure). Position the wiring harness with a clamp (see arrow) and fix it.



Tightening torque	Clutch control unit mounting screw	7.5 N·m 0.76 kgf·m 5.5 lbf·ft

13. Tighten the screws in the following order:
    Step 1: Position. 1 to 6
    Step 2: Position. 8
    Step 3: Position. 11 to 15
    Step 4: Position. 17 and 18
    Step 5: Position. 20 to 30
    Step 6: Position. 7 and 19
    Step 7: Position. 10 and 16



14. Remove the adjusting screws (Position. 9 and 31) and replace them by Torx screws.



Tightening torque	Adjusting screws	7.5 N·m 0.76 kgf·m 5.5 lbf·ft

15. Retighten the Torx screws (Position 1 to 31) in ascending order (see figure).
    Step 1: Position. 1 to 6
    Step 2: Position. 8 and 9
    Step 3: Position. 11 to 15
    Step 4: Position. 17 and 18
    Step 5: Position. 20 to 31
    Step 6: Position. 7 and 19
    Step 7: Position. 10 and 16



Tightening torque	Clutch control unit mounting screw (re-tighten)	9.5 N·m 0.97 kgf·m 7.0 lbf·ft

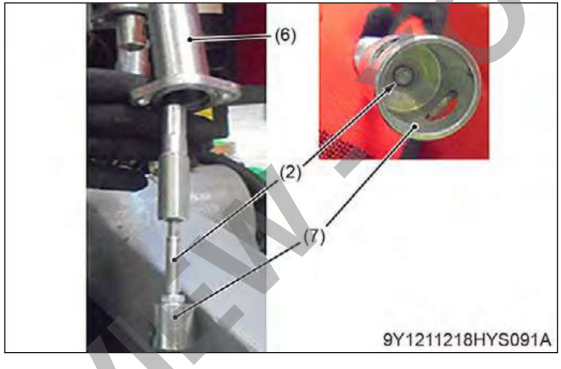
PREVIEW ONLY YOUFIXTHIS.COM

Download full manual at youfixthis.com

4.2.2.1.4.9 Adjusting wire of auxiliary control valve (Standard model)









(1) Auxiliary control valve lever
(2) Cable
(3) Clamp
(4) Joint
(5) Set bolt
(6) Adapter 1
(7) Adapter 2

(Lever side)

1. Be sure to adjust the set bolt (5) length (L1).

Set bolt length (L1)	Factory specification	2.5 to 3.0 mm 0.099 to 0.11 in.

2. The end of the cable (2) is adjusted so that the surface flush joint (4).
3. Clamp (3) the point that is recessed with cable (2).

(Valve side)

1. The end of the cable (2) is adjusted so that the surface flush adapter 2 (7).
2. Be sure to adjust the screw of cable (2) length (L2).

Screw of wire length (L2)	Factory specification	15 mm 0.59 in.

4.2.2.1.4.10 Removing hydraulic pipe

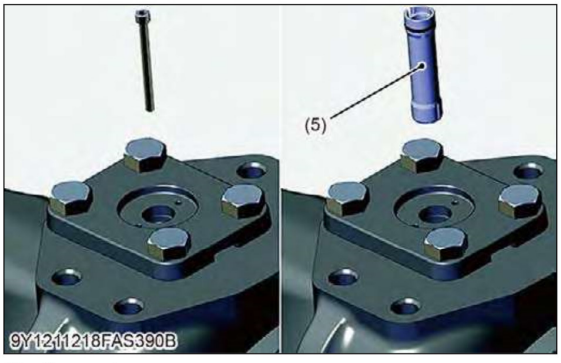
1. Remove hydraulic pipes in engine left side.



PREVIEW - YOUFIXTHIS.COM

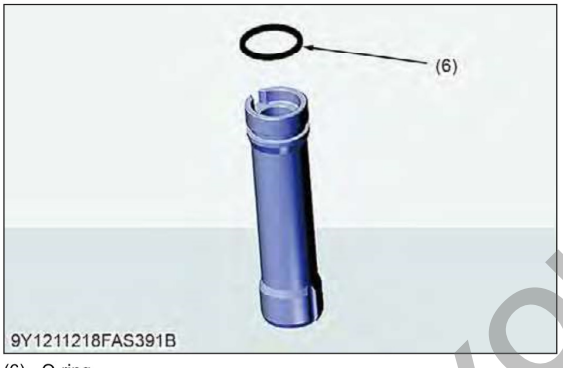
Download full manual at youfixthis.com

5. Remove the sensor pin (5).



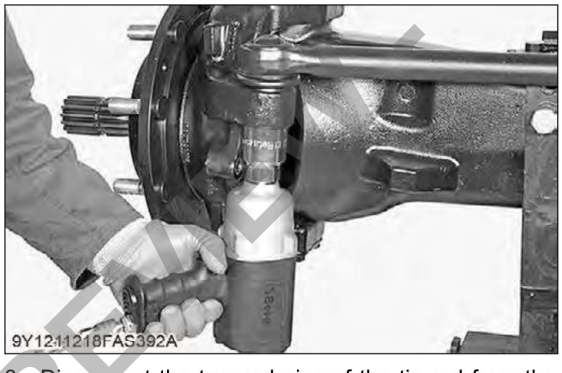
(5) Sensor pin

6. Use a screwdriver to remove the O-ring (6).



(6) O-ring

7. Remove the tie rod nuts.

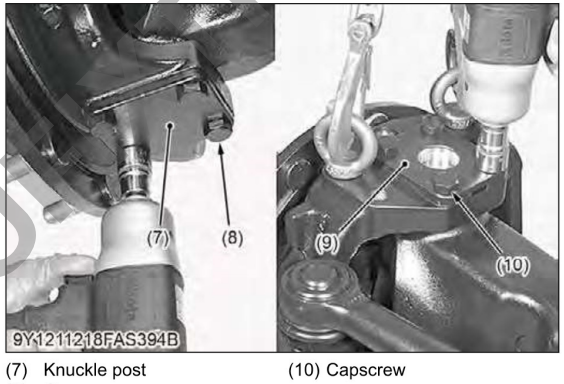


8. Disconnect the tapered pins of the tie rod from the steering knuckle using a puller.



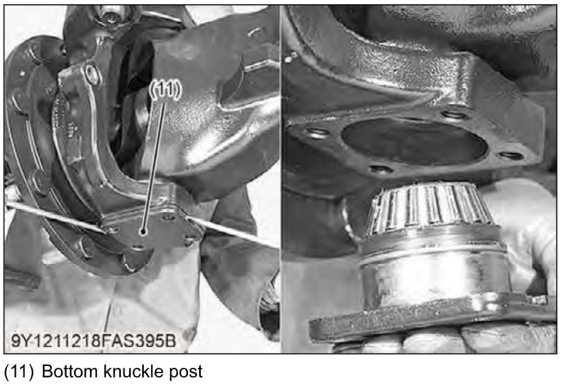
9. Loosen and remove the capscrews (8), (10) from the knuckle post (7), (9).

■ **NOTE**
- **Screws cannot be re-used.**



(7) Knuckle post
(8) Capscrew
(9) Knuckle post
(10) Capscrew

10. Remove the bottom knuckle post (11).



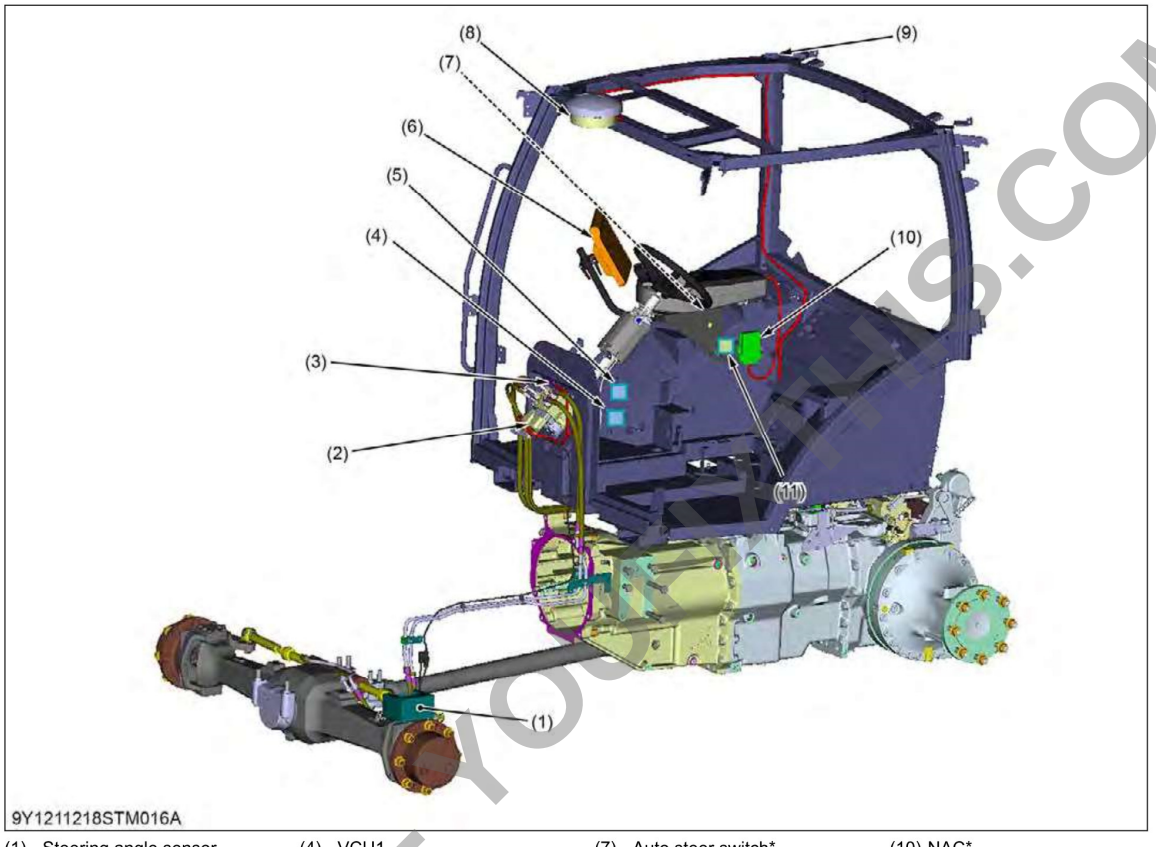
(11) Bottom knuckle post

PREVIEW ONLY YOUFIXTHIS.COM

Download full manual at youfixthis.com

2. Auto steering

2.1 Structure of auto steering



(1) Steering angle sensor
(2) Electric steering control valve
(3) SASA sensor
(4) VCU1
(5) VCU2
(6) Terminal
(7) Auto steer switch*
(8) GPS*
(9) Antenna*
(10) NAC*
(11) Modem*
* Field option

The auto steering system shall be defined as comfort and supporting system for the operator in order to reduce workload and to improve performance during field work such as seeding, planting, etc. It is definitely not intended as relied of the operator's responsibilities concerning the operation of the tractor.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

1.2 Servicing specifications for hydraulic system

Hydraulic pump for 3-point hydraulic system

Item		Factory specification	Allowable limit
Hydraulic pump **Condition** • Engine speed: 2200 min^{-1} (rpm) • Oil temperature: 50 to 60 ℃ (122 to 140 ℉)	Delivery (at no pressure)	Above 80 L/min. 21 U.S.gals/min. 18 Imp.gals/min.	–

Relief valve for 3-point hydraulic system

Item		Factory specification	Allowable limit
Relief valve **Condition** • Engine speed: 2200 min^{-1} (rpm) • Oil temperature: 50 to 60 ℃ (122 to 140 ℉)	Setting pressure	19.11 to 20.09 MPa 194.9 to 204.8 kgf/cm^2 2772 to 2913 psi	–

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

5. Armrest

5.1 Outline of standard model armrest







Blurred on purpose. The manual you buy has this page in full quality.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

P-Code	xCU	SPN No.	FMI No.	Probable part	Problem description	Name	DTC	Detection item
P0409	ECU	523572	4	EGR position sensor failure	• EGR position sensor error signal received via CAN	EGR actuator abnormality	EGR position sensor failure	• EGR position sensor failure
P041A	ECU	523615	2	LP-EGR (DC motor) overheat	• LP-EGR (DC motor) temperature error signal (thermistor: 125 ℃ (257 ℉) or more) received via CAN	LP-EGR (DC motor) abnormality	LP-EGR (DC motor) overheat	• LP-EGR (DC motor) overheat
P041B	ECU	5264	2	LP-EGR (DC motor) temperature sensor failure	• LP-EGR (DC motor) temperature sensor error signal received via CAN	LP-EGR (DC motor) abnormality	LP-EGR (DC motor) temperature sensor failure	• LP-EGR (DC motor) temperature sensor failure
P0543	ECU	3242	4	Exhaust gas temperature sensor 1: Low	• DPF inlet temperature sensor (T1) voltage: 0.08 V or less	Exhaust gas temperature sensor 1 (T1) abnormality	Exhaust gas temperature sensor 1: Low	• Ground short circuit of sensor / harness
P0544	ECU	3242	3	Exhaust gas temperature sensor 1: High	• DPF inlet temperature sensor (T1) voltage: 4.92 V or more	Exhaust gas temperature sensor 1 (T1) abnormality	Exhaust gas temperature sensor 1: High	• Open circuit or +B short circuit of sensor / harness
P0546	ECU	4765	4	Exhaust gas temperature sensor 0: Low	• DOC inlet temperature sensor (T0) voltage: 0.08 V or less	Exhaust gas temperature sensor 0 (T0) abnormality	Exhaust gas temperature sensor 0: Low	• Ground short circuit of sensor / harness
P0547	ECU	4765	3	Exhaust gas temperature sensor 0: High	• DOC inlet temperature sensor (T0) voltage: 4.92 V or more	Exhaust gas temperature sensor 0 (T0) abnormality	Exhaust gas temperature sensor 0: High	• Open circuit or +B short circuit of sensor / harness
P0562	ECU	168	4	Battery voltage: Low	• ECU recognition of battery voltage is below 8 V (internal recognition value: 1.0 V) in 12 V system	Battery voltage abnormality	Battery voltage: Low	• Open circuit, short circuit or damage of harness • Failure of battery
P0563	ECU	168	3	Battery voltage: High	• ECU recognition of battery voltage is above 16 V (internal recognition value: 2.0 V) in 12 V system	Battery voltage abnormality	Battery voltage: High	• Open circuit, short circuit or damage of harness • Failure of battery
P0602	ECU	523538	2	QR data error	• QR data read error from EEPROM	QR data abnormality	QR data error	• QR data read error
P0602	ECU	523538	7	No QR data	• Area of QR data on EEPROM is vacant.	QR data abnormality	No QR data	• QR data is unwritten
P0605	ECU	628	2	ECU FLASH ROM error	• Check-sum error	ECU FLASH ROM and CPU abnormality	ECU FLASH ROM error	• FLASH ROM error (main-CPU)

(Continued)

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

4.12 Diagnosis trouble code (VCU1)

CU	SPN	FMI	Probable part	Problem description	DTC set precondition	DTC set parameter	System reaction
VCU1	1086	5	Pneumatic Pressure sensor	Current Below Normal or Open Circuit	Trailer loses braking system because of error. You stop vehicle.	Wire harness is open.	Lamp RED
VCU1	1086	6	Pneumatic Pressure sensor	Current Above Normal or Grounded Circuit	Trailer loses braking system because of error. You stop vehicle.	Wire harness contacts ground	Lamp RED
VCU1	520350	19	CAN Communication Error (DBM)	CANInvalid	DBM is no sense.	CAN communication harness has problem or the XCU's breaks down.	Lamp Amber
VCU1	520351	19	CAN Communication Error (VCU2)	CANInvalid	DBM cannot update indicators.	CAN communication harness has problem or the XCU's breaks down.	Lamp Amber
VCU1	520352	19	CAN Communication Error (ECU)	CANInvalid	No one controls engine.	CAN communication harness has problem or the XCU's breaks down.	Lamp RED
VCU1	520353	19	CAN Communication Error (SWP)	CANInvalid	You can not operate DBM.	CAN communication harness has problem or the XCU's breaks down.	Lamp off
VCU1	520354	19	CAN Communication Error (TCU)	CANInvalid	VCU1 can not receive requested engine speed from TCU.	CAN communication harness has problem or the XCU's breaks down.	Lamp RED
VCU1	520355	19	CAN Communication Error (VDC)	CANInvalid	VCU1 can not receive requested engine speed from VDC.	CAN communication harness has problem or the XCU's breaks down.	Lamp Amber
VCU1	520358	19	CAN Communication Error (ACU)	CANInvalid	VCU1 have no information about SCR system.	CAN communication harness has problem or the XCU's breaks down.	Lamp Amber
VCU1	520400	25	Control Unit (VCU1 EEPROM)	CRC Checksum Error for CAN reception	VCU1 uses default value. Vehicle can move temporary.	Not calibrated or someone changes the EEPROM setting.	Lamp Amber
VCU1	91	5	Foot Throttle Pedal Sensor	Current Below Normal or Open Circuit	You can not use foot pedal. So, you use hand throttle.	Wire harness is open.	Lamp RED
VCU1	91	6	Foot Throttle Pedal Sensor	Current Above Normal or Grounded Circuit	You can not use foot pedal. So, you use hand throttle.	Wire harness contacts ground	Lamp RED
VCU1	91	8	Foot Throttle Pedal Sensor	Abnormal Frequency or Pulse Width or Period	You can not use foot pedal. So, you use hand throttle.		Lamp RED

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

CU	SPN	FMI	Probable part	Problem description	DTC set precondition	System reaction	Instruction for error resolving
VCU2	522073	6	Solenoid Valves Front loader Jib Common Return	Shortcut to ground	Short to GND, current <Ubat/ 12 Ohm, for 100 msec	Jib shall go to fault state jib is switched OFF jib icons on terminal shall show ERROR state	1. Check wiring harness from VCU2 to front loader solenoid valve (Up) and front loader solenoid valve (Down) (Y51) 2. Check resistance of front loader solenoid valve (Up) and front loader solenoid valve (Down) (both shall be around 4.8 Ω)
VCU2	522073	12	Solenoid Valves Front loader Jib Common Return	Not plausible	Current deviation between High Side and Low Side is out of range (100 mA < iSet * 15% < 400 mA)	Jib shall go to fault state jib is switched OFF jib icons on terminal shall show ERROR state	1. Check wiring harness from VCU2 to front loader solenoid valve (Up) and front loader solenoid valve (Down) (Y51) 2. Check resistance of front loader solenoid valve (Up) and front loader solenoid valve (Down) (both shall be around 4.8 Ω)
VCU2	522074	3	Solenoid Valves Front loader Bucket Common Return	Shortcut to power	Shortcut to Ubat detected, current > Ubat/ 1.5 Ohm, for 100 msec	Bucket shall go to fault state bucket is switched OFF bucket icons on terminal shall show ERROR state	1. Check wiring harness from VCU2 to front loader solenoid valve (Dump) (Y52) and front loader solenoid valve (Rollback) (Y53) 2. Check resistance of front loader solenoid valve (Dump) and front loader solenoid valve (Rollback) (both shall be around 4.8 Ω)
VCU2	522074	5	Solenoid Valves Front loader Bucket Common Return	Open circuit (+short to Ubatt)	Open load detected > 12 Ohm, current < 15 mA, for 100 msec	Bucket shall go to fault state bucket is switched OFF bucket icons on terminal shall show ERROR state	1. Check wiring harness from VCU2 to front loader solenoid valve (Dump) (Y52) and front loader solenoid valve (Rollback) (Y53) 2. Check resistance of front loader solenoid valve (Dump) and front loader solenoid valve (Rollback) (both shall be around 4.8 Ω)
VCU2	522074	6	Solenoid Valves Front loader Bucket Common Return	Shortcut to ground	Short to GND, current <Ubat/ 12 Ohm, for 100 msec	Bucket shall go to fault state bucket is switched OFF bucket icons on terminal shall show ERROR state	1. Check wiring harness from VCU2 to front loader solenoid valve (Dump) (Y52) and front loader solenoid valve (Rollback) (Y53) 2. Check resistance of front loader solenoid valve (Dump) and front loader solenoid valve (Rollback) (both shall be around 4.8 Ω)
VCU2	522074	12	Solenoid Valves Front loader Bucket Common Return	Not plausible	Current deviation between High Side and Low Side is out of range (100 mA < iSet * 15% < 400 mA)	Bucket shall go to fault state bucket is switched OFF bucket icons on terminal shall show ERROR state	1. Check wiring harness from VCU2 to front loader solenoid valve (Dump) (Y52) and front loader solenoid valve (Rollback) (Y53) 2. Check resistance of front loader solenoid valve (Dump) and front loader solenoid valve (Rollback) (both shall be around 4.8 Ω)

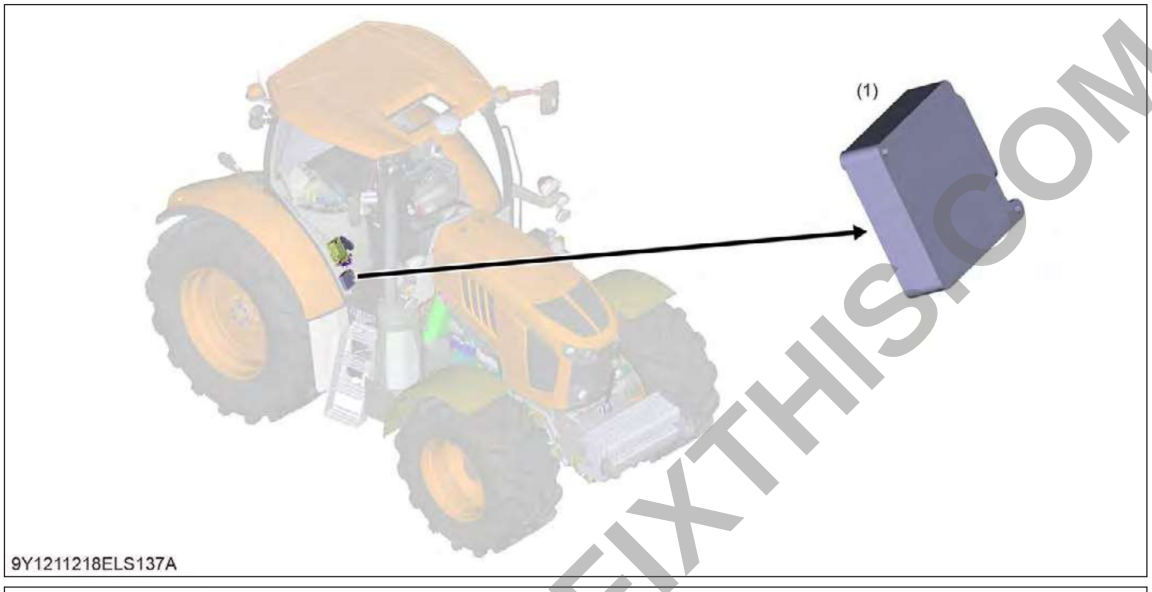
(Continued)

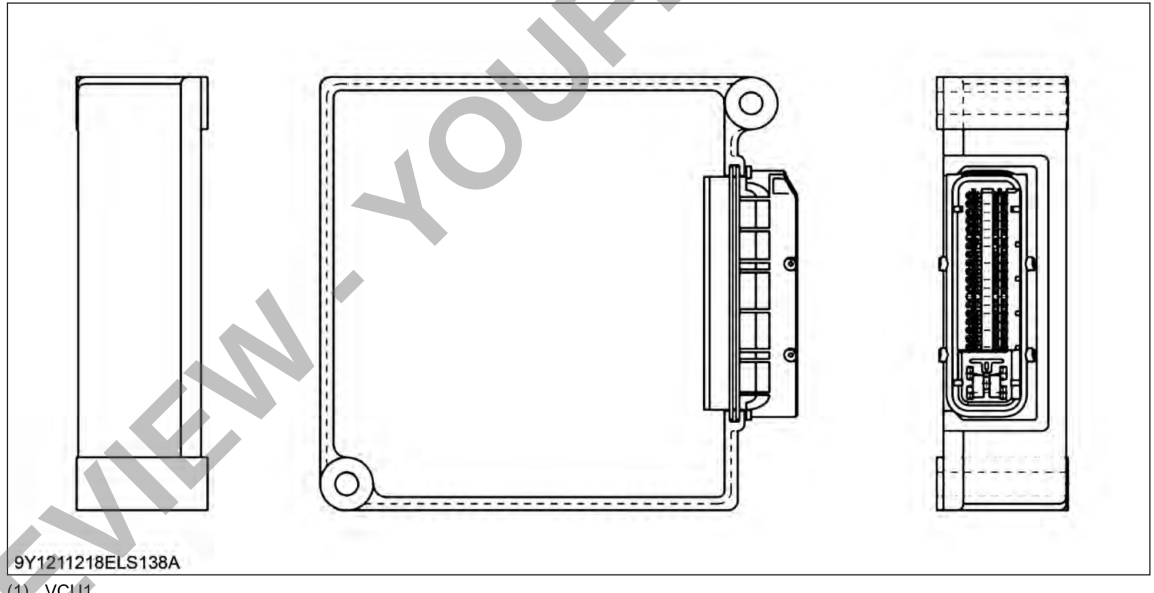
PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

4.18.2 Vehicle control unit1 (VCU1)

4.18.2.1 Location of VCU1





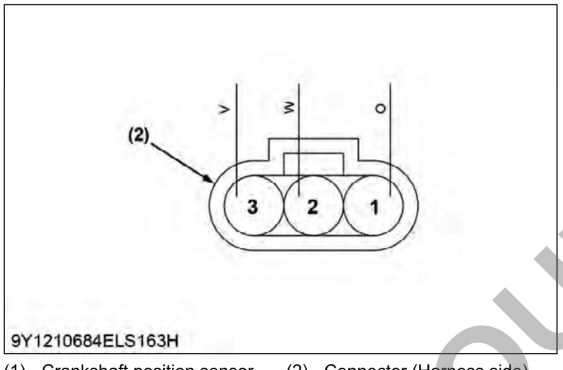
(1) VCU1

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

4.20.9.1 Checking connector voltage of crankshaft position sensor





(1) Crankshaft position sensor (2) Connector (Harness side)

1. Disconnect the connector, and turn the main key switch to on position.
2. Measure the voltage with a voltmeter across the terminals shown in the table.
3. If the reference value is not indicated as shown in the table, check the relating electric circuit.

Voltage	Main switch at on	Terminal 1 - Chassis	Approx. 5 V

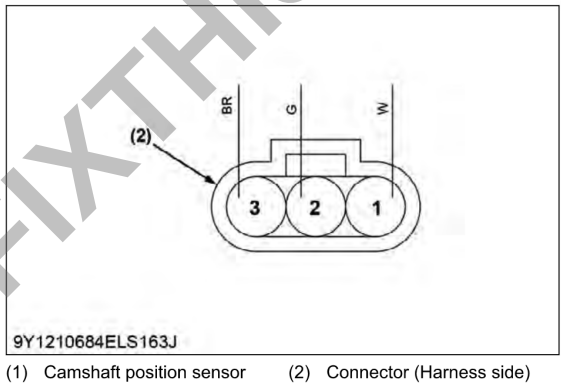
4.20.10 Camshaft position sensor (G sensor)

■ NOTE

- **Since it is not possible to do unit checking for this sensor, judge the sensor damaged if the relating electric circuit is normal.**

4.20.10.1 Checking connector voltage of camshaft position sensor





(1) Camshaft position sensor (2) Connector (Harness side)

1. Disconnect the connector, and turn the main key switch to on position.
2. Measure the voltage with a voltmeter across the terminals shown in the table.
3. If the reference value is not indicated as shown in the table, check the relating electric circuit.

Voltage	Main switch at on	Terminal 1 - Chassis	Approx. 5 V

4.20.11 Intake air flow sensor

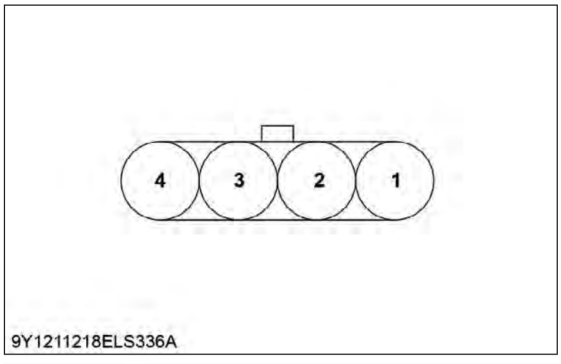
■ NOTE

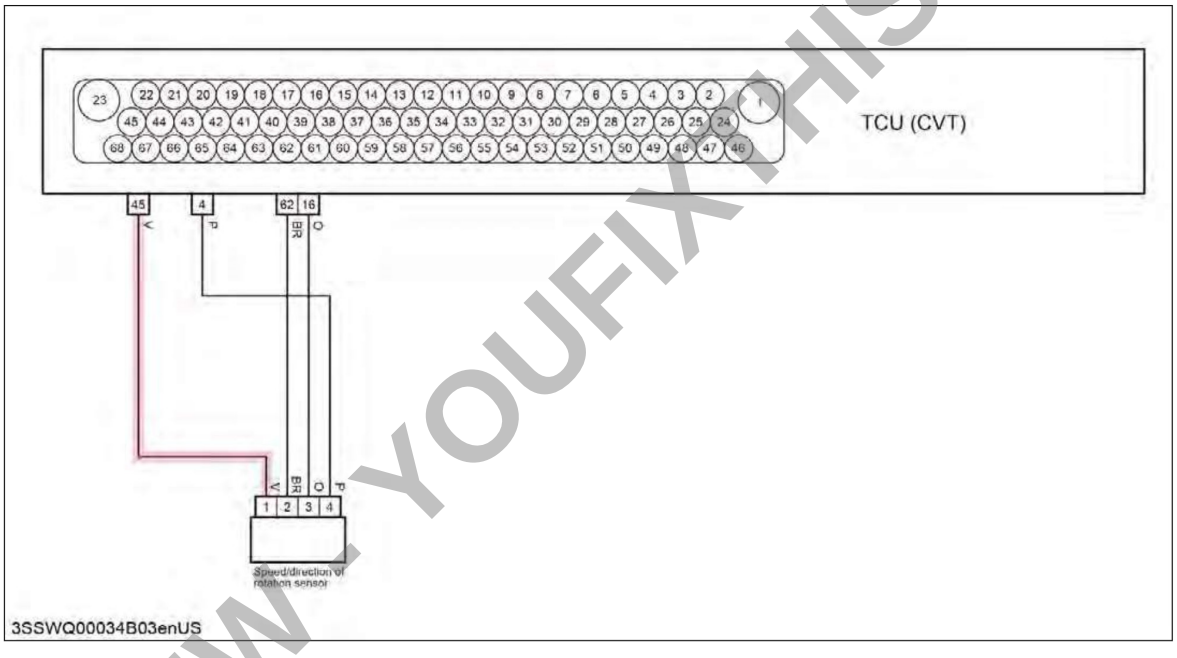
- **Since it is not possible to do unit checking for this sensor, judge the sensor damaged if the relating electric circuit is normal.**

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Speed/direction of rotation sensor at harness side





Pin	Name
1	Supply voltage
2	Signal
3	Redundant Signal
4	Ground

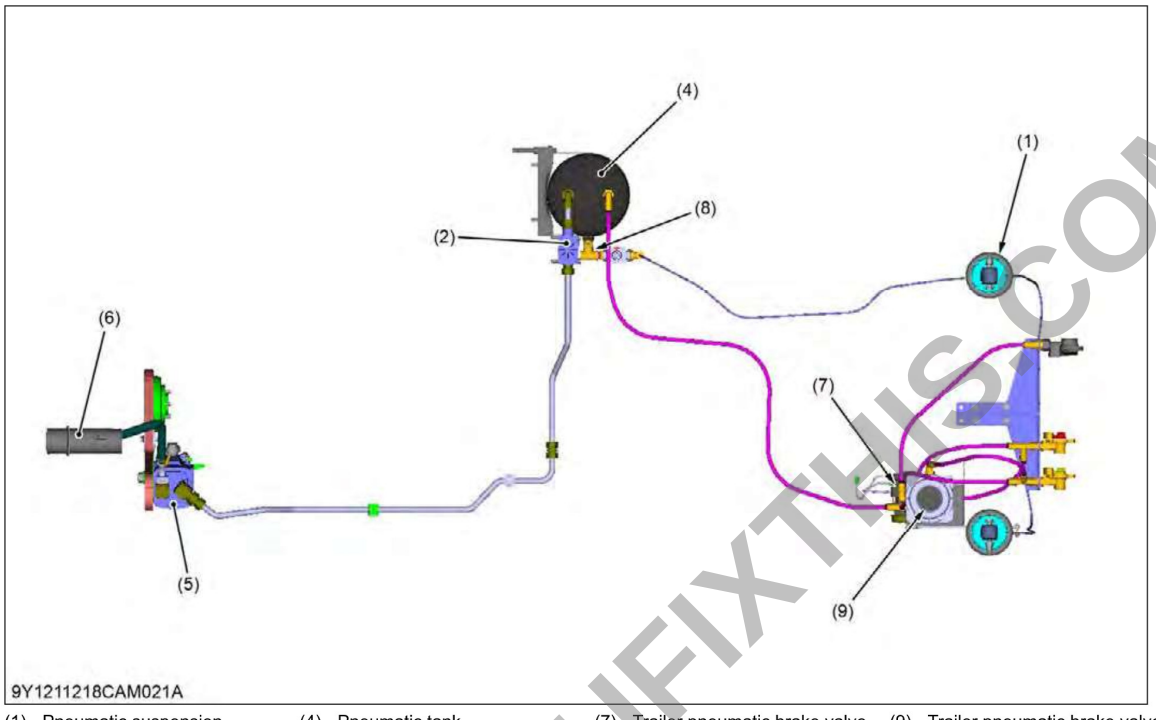
1. Disconnect the connector, and turn the main key switch to on position.
2. Measure the voltage with a voltmeter across the terminals shown in the table below.

Voltage	Main switch at on	Terminal 1 – 4 or chassis	Approx. battery voltage

3. If the reference value is not indicated as shown in the table, check the relating electric circuit.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com



(1) Pneumatic suspension
(2) Pneumatic valve (Suspension)
(3) Roll bar
(4) Pneumatic tank
(5) Compressor
(6) Pneumatic sensor
(7) Trailer pneumatic brake valve (2 way)
(8) Cab suspension valve
(9) Trailer pneumatic brake valve (1 way)

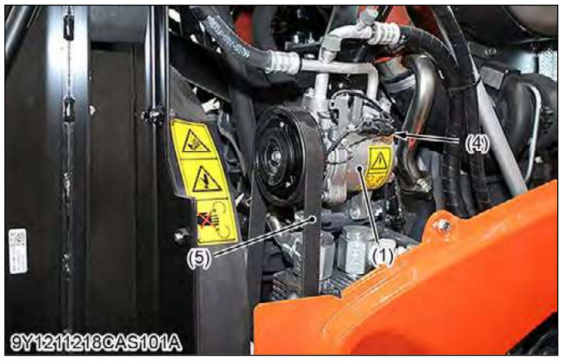
PREVIEW - YOUFIXTHIS.COM

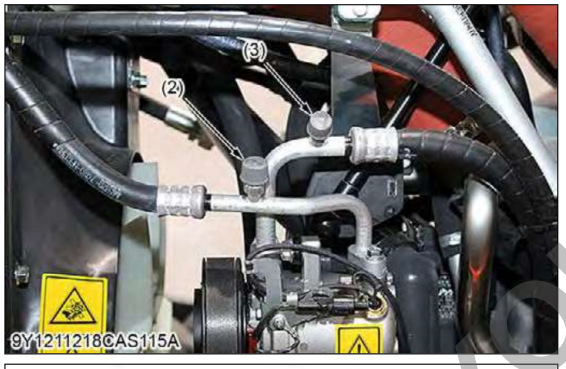
Download full manual at youfixthis.com

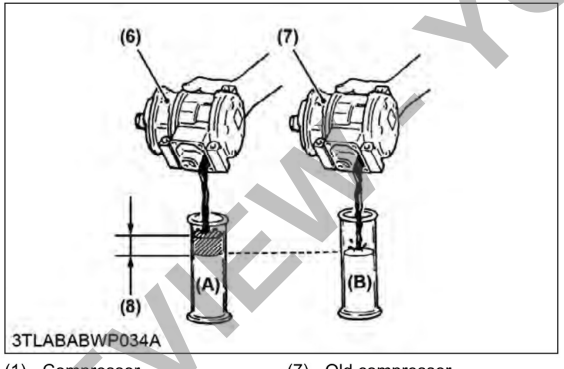
7.3 Air conditioning system

7.3.1 Compressor

7.3.1.1 Removing compressor assembly







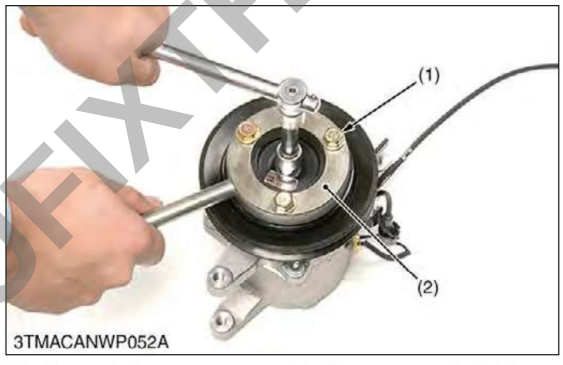
(1) Compressor
(2) High pressure pipe
(3) Low pressure pipe
(4) 1P connector
(5) Fan belt
(6) New compressor
(7) Old compressor
(8) Remove the excess oil (A) – (B)
(A) Oil flow new compressor
(B) Oil flow old compressor

1. Discharge the refrigerant from the system.
2. Disconnect the low pressure pipe (suction) and high pressure pipe (discharge) from the compressor, then cap the open fittings immediately to keep moisture out of the system.
3. Disconnect the 1P connector of magnetic clutch.
4. Remove the fan belt and remove the compressor with stay.

(When reassembling)

- After reassembling the compressor, be sure to adjust the air conditioner belt tension and recharge the refrigerant to the system.
- Apply compressor oil (DENSO CO. ND-OIL8 or equivalent) to the O-rings and be careful not to damage them.
- **[S]** letter is marked on the compressor for connecting the low pressure pipe (suction side).
- **[D]** letter is marked on the compressor for connecting the high pressure pipe (discharge side).
- When replacing the compressor with a new one, meet the oil amount with old one.

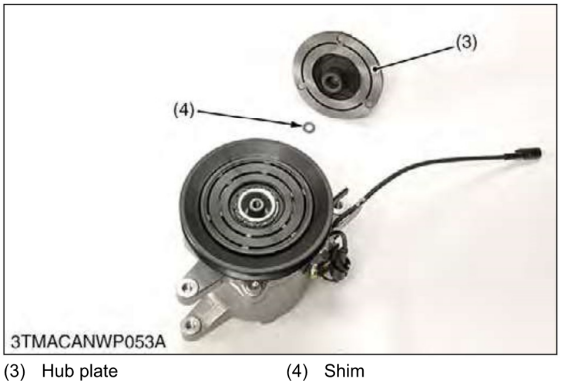
7.3.1.2 Removing hub plate



(1) Stopper bolt
(2) Stopper magnetic clutch

- Three stopper bolts (1) are set in stopper magnetic clutch (2) at the position corresponding to the shape of compressor.
- The stopper magnetic clutch (2) is hung on hub plate (3) and it is fixed that the compressor rotates.

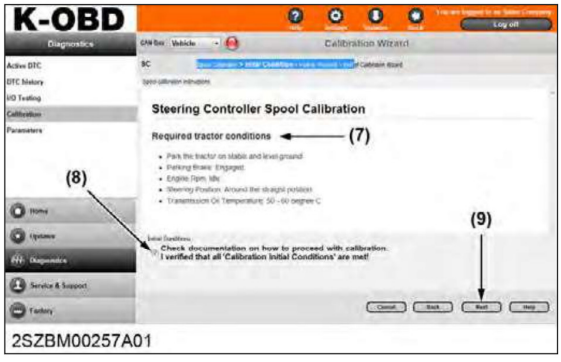
1. Remove the magnetic clutch mounting screw.
2. Remove the hub plate (3) and air gap adjustment shim (4).



(3) Hub plate
(4) Shim

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

12. Click **[Next]**.



(7) Procedure
(8) Check Box
(9) Next

13. Confirm the calibration procedure.
14. Click **[Start Calibration]**.



(10) Message
(11) Start Calibration

15. Steer the steering wheel follow the calibration message.
16. Turn the wheel at once.



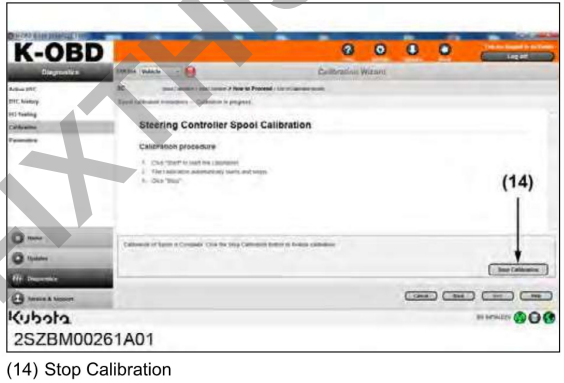
(12) Message

17. Calibration is automatically started for 3~4 min.
    * Front axle is automatically steered during this calibration.
    Do not operate the steering wheel during calibration.



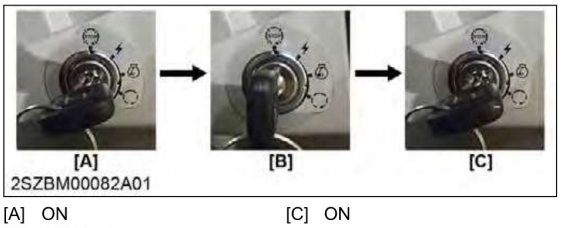
(13) Message

18. Click **[Stop Calibration]**.



(14) Stop Calibration

19. Check the message if the calibration was done successfully.
20. Turn ignition key **OFF** for 5 sec and then switch **ON** to complete the calibration.



[A] ON
[B] OFF for 5 sec
[C] ON

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

PREVIEW ONLY

You're viewing 25 of 1661 pages

The full manual includes:

- All 1661 pages, complete
- Searchable PDF (find any keyword)
- No watermarks
- Instant download
- Print-ready quality

GET FULL MANUAL NOW

Kubota M7-131, M7-151, M7-171 Workshop Manual

Scan or click anywhere
youfixthis.com

Click anywhere on this page to get the full manual