WSM

WORKSHOP MANUAL
UTILITY VEHICLE

RTV-X1140

Kubota

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

KiSC issued 11, 2015 A

INFORMATION

CONTENTS

1. SAFETY FIRST I-1
2. SAFETY DECALS I-4
3. SPECIFICATIONS I-9
4. TRAVELLING SPEEDS I-10
5. DIMENSIONS I-11

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

1. SAFETY FIRST

⚠ SAFETY FIRST

- **This symbol, the industry's "Safety Alert Symbol", is used throughout this manual and on labels on the machine itself to warn of the possibility of personal injury. Read these instructions carefully.**
- **It is essential that you read the instructions and safety regulations before you try to repair or use this unit.**

⚠ DANGER
- **Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.**

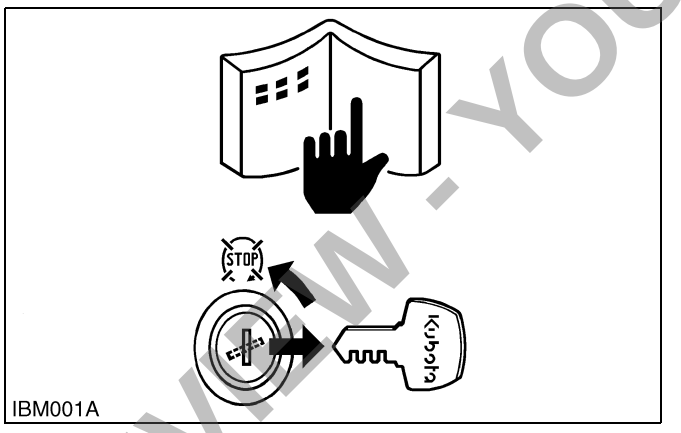
⚠ WARNING
- **Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.**

⚠ CAUTION
- **Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury.**

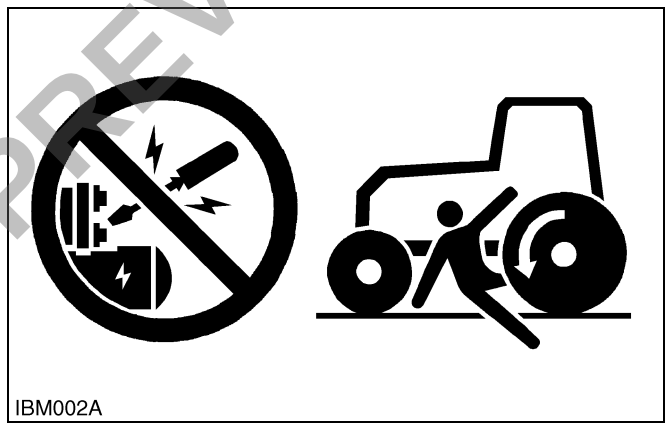
■ IMPORTANT
- **Indicates that equipment or property damage could result if instructions are not followed.**

■ NOTE
- **Gives helpful information.**

WSM000001INI0001US1



IBM001A


IBM002A

BEFORE YOU START SERVICE

- Read all instructions and safety instructions in this manual and on your machine safety decals.
- Clean the work area and machine.
- Park the machine on a stable and level ground, and set the parking brake.
- Lower the implement to the ground.
- Stop the engine, then remove the key.
- Disconnect the battery negative cable.
- Hang a **"DO NOT OPERATE"** tag in the operator station.

WSM000001INI0010US0

START SAFELY

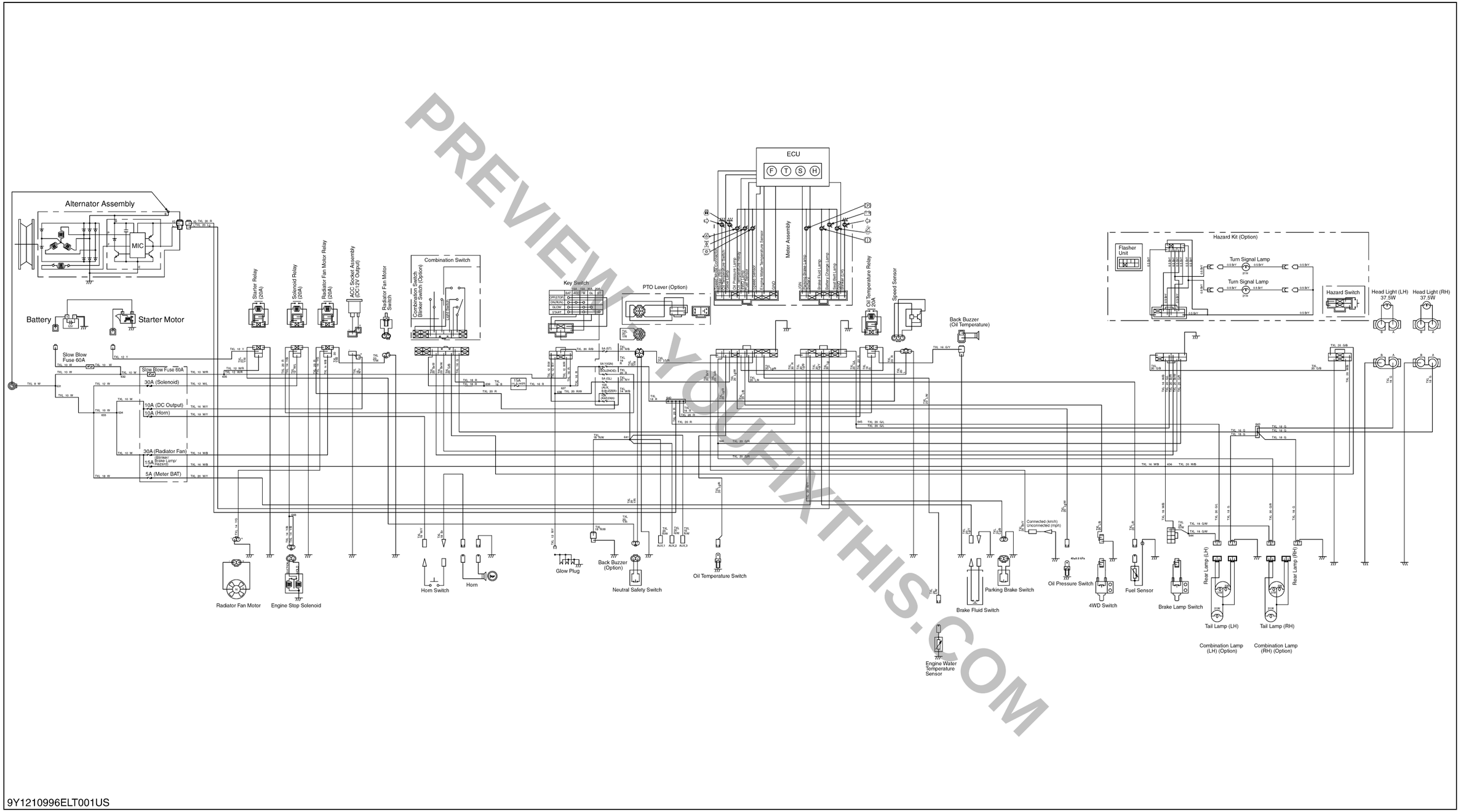
- Do not do the procedures below when you start the engine.
  - short across starter terminals
  - bypass the safety start switch
- Do not alter or remove any part of machine safety system.
- Before you start the engine, make sure that all shift levers are in neutral positions or in disengaged positions.
- Do not start the engine when you stay on the ground. Start the engine only from operator's seat.

WSM000001INI0015US0

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

1. WIRING DIAGRAM

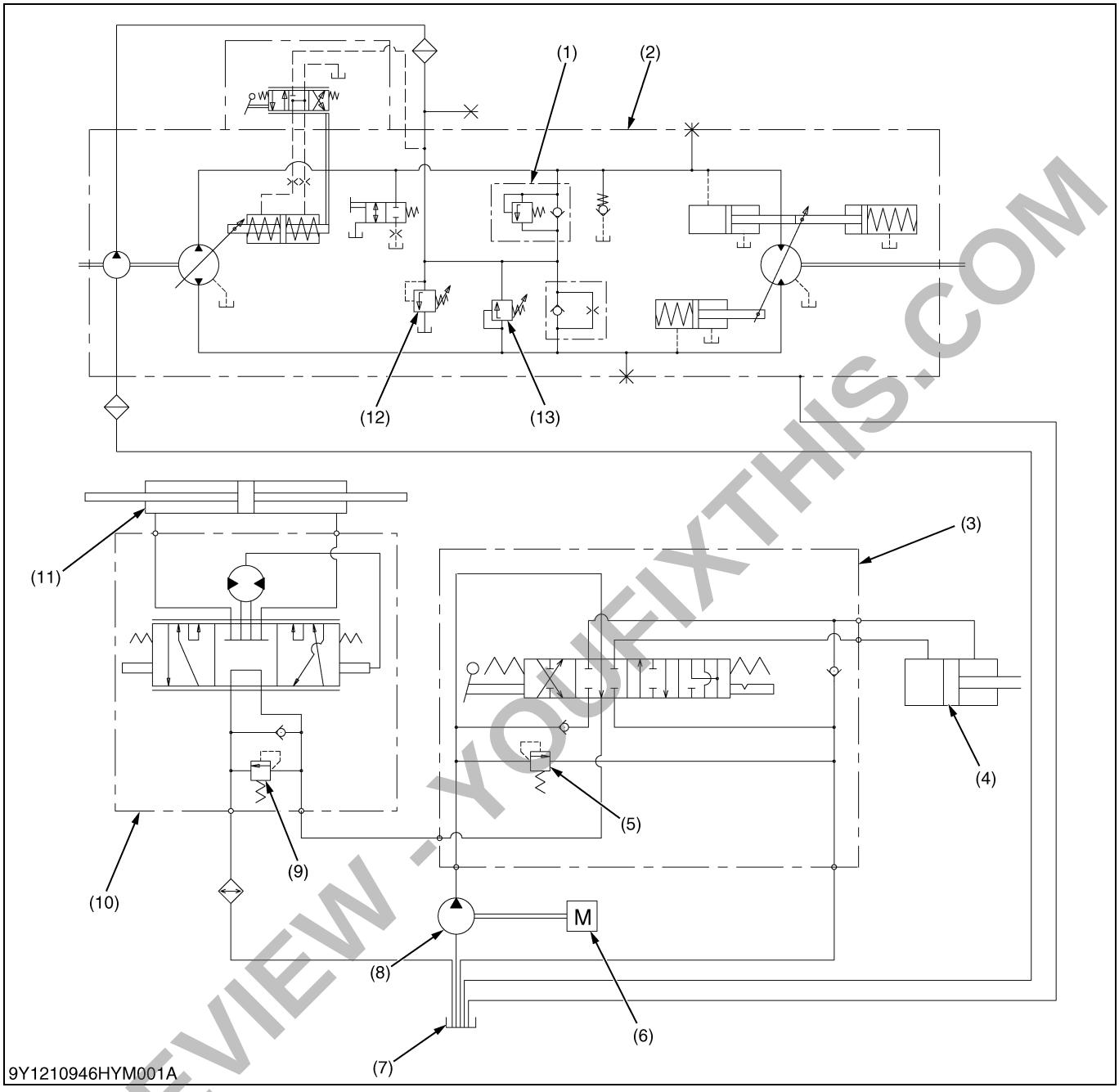


9Y1210996ELT001US

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

2. HYDRAULIC CIRCUIT



(1) Check and High Pressure Relief Valve
(2) HST Assembly
(3) Control Valve
(4) Hydraulic Lift Cylinder
(5) Control Valve Relief Valve
(6) Engine
(7) Oil Tank
(8) Hydraulic Pump
(9) Power Steering Unit Relief Vale
(10) Power Steering Unit
(11) Power Steering Cylinder
(12) Charge Relief Vale
(13) High Pressure Relief Valve

Specifications

(1)	24.5 to 27.5 MPa (250 to 280 kgf/cm2, 3560 to 3980 psi)	(9)	8.00 to 9.00 MPa (81.6 to 91.7 kgf/cm^2, 1160 to 1300 psi) at 3000 min^{-1} (rpm)
(5)	12.5 to 13.5 MPa (128 to 137 kgf/cm^2, 1820 to 1950 psi) at 3000 min^{-1} (rpm)	(12)	0.43 to 0.85 MPa (4.4 to 8.6 kgf/cm^2, 63 to 120 psi)
(8)	11.2 L/min. (2.96 U.S.gals/min, 2.0 Imp.gals/min.) at 3000 min^{-1} (rpm)	(13)	15.0 to 17.0 MPa (153 to 173 kgf/cm^2, 2180 to 2460 psi)

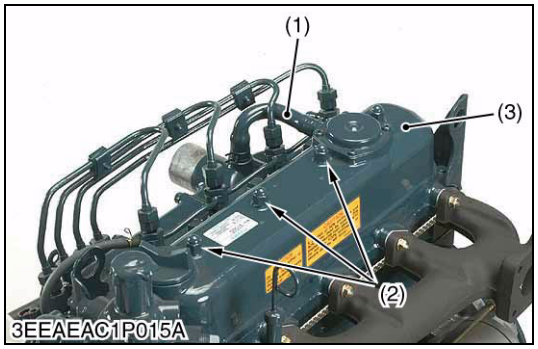
9Y1210996HYM0002US0

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

[3] DISASSEMBLING AND ASSEMBLING

(1) Cylinder Head and Valve



Cylinder Head Cover

1. Disconnect the breather hose (1).
2. Remove the cylinder head cover screw (2).
3. Remove the cylinder head cover (3).

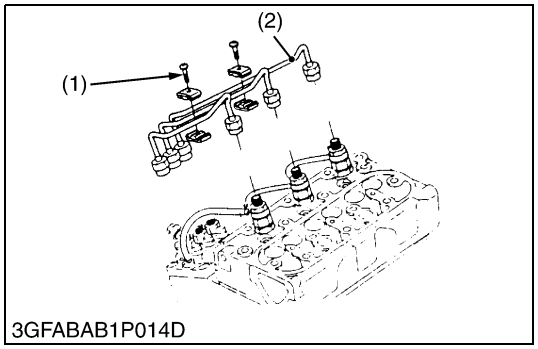
(When reassembling)

- Check to see if the cylinder head cover gasket is not damaged.

Tightening torque	Cylinder head cover screw	7 to 8 N·m 0.7 to 0.9 kgf·m 5 to 6 lbf·ft

(1) Breather Hose
(2) Cylinder Head Cover Screw
(3) Cylinder Head Cover

9Y1210996ENS0054US0



Injection Pipes

1. Loosen the screws to the pipe clamp (1).
2. Remove the injection pipes (2).

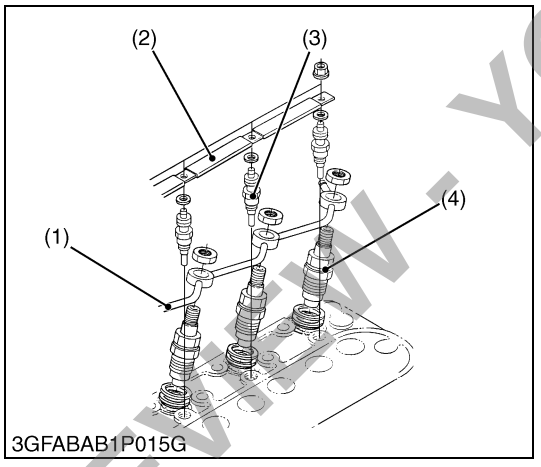
(When reassembling)

- Send compressed air into the pipes to blow out dust. Then, reassemble the pipes in the reverse order.

Tightening torque	Injection pipe retaining nut	25 to 34 N·m 2.5 to 3.5 kgf·m 18 to 25 lbf·ft

(1) Pipe Clamp
(2) Injection Pipe

9Y1210996ENS0055US0



Nozzle Holder Assembly and Glow Plug

1. Remove the overflow pipe (1).
2. Remove the nozzle holder assemblies (4).
3. Remove the copper gasket (5) and heat seal (6).
4. Remove the lead (2) from the glow plugs (3).
5. Remove the glow plugs (3).

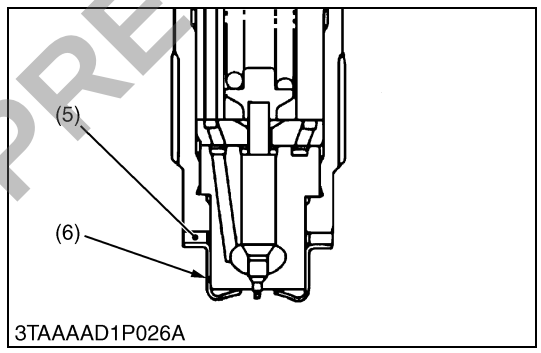
(When reassembling)

- Replace the copper gasket and heat seal with new one.

Tightening torque	Overflow pipe retaining nut	35 to 39 N·m 3.5 to 4.0 kgf·m 26 to 28 lbf·ft
	Nozzle holder assembly	49 to 68 N·m 5.0 to 7.0 kgf·m 37 to 50 lbf·ft
	Glow plug	7.9 to 14 N·m 0.80 to 1.5 kgf·m 5.8 to 10 lbf·ft

(1) Overflow Pipe
(2) Lead
(3) Glow Plug
(4) Nozzle Holder Assembly
(5) Copper Gasket
(6) Heat Seal

9Y1210996ENS0056US0



PREVIEW - YOUFIXTHIS.COM

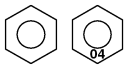
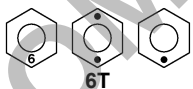
Download full manual at youfixthis.com

5. TIGHTENING TORQUES

Tighten screws, bolts and nuts whose tightening torques are not specified in this Workshop Manual according to the table below.

WSM000001GEG0116US0

[1] GENERAL USE SCREWS, BOLTS AND NUTS

Indication on top of bolt	 No-grade or 4T						 7T						 9T		
Indication on top of nut	 No-grade or 4T												 6T		
Material of opponent part	Ordinariness			Aluminum			Ordinariness			Aluminum			Ordinariness		
Unit	N·m	kgf·m	lbf·ft	N·m	kgf·m	lbf·ft	N·m	kgf·m	lbf·ft	N·m	kgf·m	lbf·ft	N·m	kgf·m	lbf·ft
M6	7.9 to 9.3	0.80 to 0.95	5.8 to 6.8	7.9 to 8.8	0.80 to 0.90	5.8 to 6.5	9.81 to 11.2	1.00 to 1.15	7.24 to 8.31	7.9 to 8.8	0.80 to 0.90	5.8 to 6.5	12.3 to 14.2	1.25 to 1.45	9.05 to 10.4
M8	18 to 20	1.8 to 2.1	13 to 15	17 to 19	1.7 to 2.0	13 to 14	24 to 27	2.4 to 2.8	18 to 20	18 to 20	1.8 to 2.1	13 to 15	30 to 34	3.0 to 3.5	22 to 25
M10	40 to 45	4.0 to 4.6	29 to 33	32 to 34	3.2 to 3.5	24 to 25	48 to 55	4.9 to 5.7	36 to 41	40 to 44	4.0 to 4.5	29 to 32	61 to 70	6.2 to 7.2	45 to 52
M12	63 to 72	6.4 to 7.4	47 to 53	–	–	–	78 to 90	7.9 to 9.2	58 to 66	63 to 72	6.4 to 7.4	47 to 53	103 to 117	10.5 to 12.0	76.0 to 86.7
M14	108 to 125	11.0 to 12.8	79.6 to 92.5	–	–	–	124 to 147	12.6 to 15.0	91.2 to 108	–	–	–	167 to 196	17.0 to 20.0	123 to 144
M16	167 to 191	17.0 to 19.5	123 to 141	–	–	–	197 to 225	20.0 to 23.0	145 to 166	–	–	–	260 to 304	26.5 to 31.0	192 to 224
M18	246 to 284	25.0 to 29.0	181 to 209	–	–	–	275 to 318	28.0 to 32.5	203 to 235	–	–	–	344 to 402	35.0 to 41.0	254 to 296
M20	334 to 392	34.0 to 40.0	246 to 289	–	–	–	368 to 431	37.5 to 44.0	272 to 318	–	–	–	491 to 568	50.0 to 58.0	362 to 419

WSM000001GEG0117US0

[2] STUD BOLTS

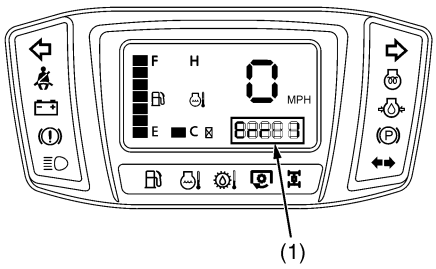
Material of opponent part	Ordinariness			Aluminum		
Unit	N·m	kgf·m	lbf·ft	N·m	kgf·m	lbf·ft
M8	12 to 15	1.2 to 1.6	8.7 to 11	8.9 to 11	0.90 to 1.2	6.5 to 8.6
M10	25 to 31	2.5 to 3.2	18 to 23	20 to 25	2.0 to 2.6	15 to 18
M12	30 to 49	3.0 to 5.0	22 to 36	31	3.2	23
M14	62 to 73	6.3 to 7.5	46 to 54	–	–	–
M16	98.1 to 112	10.0 to 11.5	72.4 to 83.1	–	–	–
M18	172 to 201	17.5 to 20.5	127 to 148	–	–	–

WSM000001GEG0002US0

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

[2] ERROR CODE DISPLAY



9Y1210946ELM022A

If trouble should occur at the meter panel, the indicator flashes and error code appears as a warning.

If the trouble is not corrected by restarting the machine, solve the problem according to the following table.

(1) Error Code

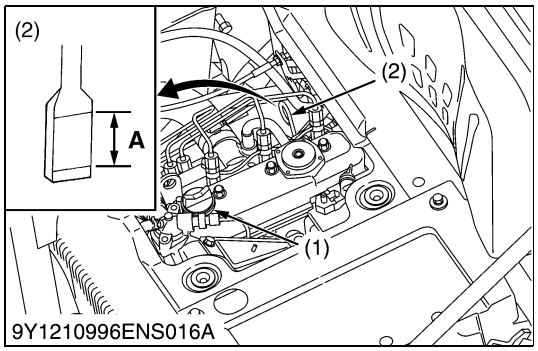
Error code	Trouble	Check point or solution
Err 1	Water temperature sensor power circuit trouble	Checking battery voltage or replacing meter panel
Err 2	Fuel sensor power circuit trouble	Checking battery voltage or replacing meter panel
Err 3	Meter panel memory reading trouble	Replacing meter panel

9Y1210996ELM0027US0

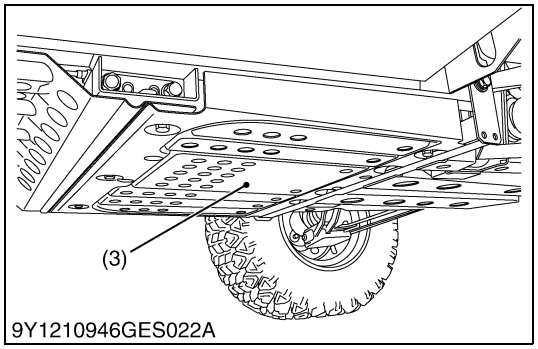
PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

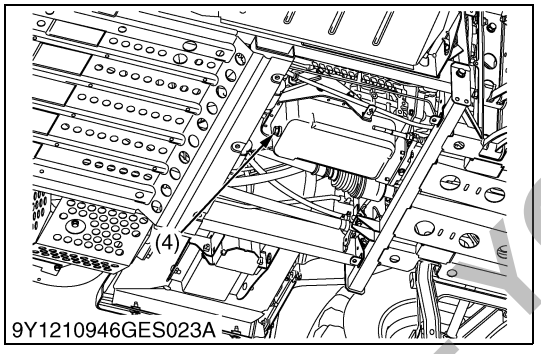
[2] CHECK POINTS OF INITIAL 50 HOURS



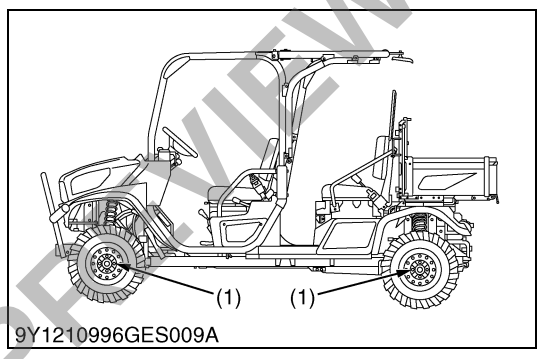
9Y1210996ENS016A



9Y1210946GES022A



9Y1210946GES023A



9Y1210996GES009A

Changing Engine Oil

WARNING

To avoid serious injury:

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

1. Park the vehicle on a level surface.
2. In 1 row seating mode, raise the cargo bed and mount the safety support.
3. Stop the engine.
4. Remove the rear skid plate.
5. To drain the used oil, remove the drain plug at the bottom of the engine and completely drain the oil into an oil pan.
   All the used oil can be drained out easily when the engine is still warm.
6. After draining, reinstall the drain plug.
7. In 2 row seating mode, raise the rear seat.
8. Remove the rear cover.
9. Fill with the new oil up to the upper line on the dipstick.
   (Refer to "4. LUBRICANTS, FUEL AND COOLANT" on page G-8.)

Engine oil	Capacity	[Filter exchanged] 4.1 L 4.3 U.S.qts 3.6 Imp.qts
		[Filter non-exchanged] 3.8 L 4.0 U.S.qts 3.3 Imp.qts

(1) Oil Inlet
(2) Dipstick
(3) Rear Skid Plate
(4) Drain Plug

A: Oil level is acceptable within this range.

9Y1210996GEG0025US0

Checking Wheel Fastener Torque

WARNING

To avoid serious injury:

- **Never operate vehicle with a loose wheel bolts.**
- **Any time bolts are loosened, retighten to the specified torque.**
- **Check all bolts frequently and keep them tight.**

Check wheel bolts regularly especially when new. If they are loose, tighten them as follows.

Tightening torque	Aluminum wheel mounting bolt	90 to 110 N·m 9.2 to 11.2 kgf·m 66.4 to 81.1 lbf·ft
	Steel wheel mounting bolt and nut	108 to 130 N·m 11.1 to 13.2 kgf·m 79.7 to 95.8 lbf·ft

(1) Wheel Mounting Bolts

9Y1210996GEG0026US0

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

1. TROUBLESHOOTING

Symptom	Probable Cause and Checking Procedure	Solution	Reference Page
Engine Does Not Start	1. No fuel	Fill fuel	G-8
	2. Air in the fuel system	Bleed	G-53
	3. Water in the fuel system	Change fuel and repair or replace fuel system	G-37
	4. Fuel pipe clogged	Clean	G-37
	5. Fuel filter clogged	Change	G-37
	6. Excessively high viscosity of fuel or engine oil at low temperature	Use specified fuel or engine oil	G-8, G-10, G-11
	7. Fuel with low cetane number	Use specified fuel	G-8, G-10, G-11
	8. Fuel leak due to loose injection pipe retaining nut	Tighten retaining nut	1-S37
	9. Incorrect injection timing	Adjust	1-S18
	10. Fuel camshaft worn	Replace	1-S43
	11. Injection nozzle clogged	Repair or replace	1-S14
	12. Injection pump malfunctioning	Replace	1-S42
	13. Seizure of crankshaft, camshaft, piston, cylinder or bearing	Replace	1-S44, 1-S46
	14. Compression leak from cylinder	Replace head gasket, tighten cylinder head screw, glow plug and nozzle holder	1-S11, 1-S39
	15. Improper valve timing	Correct or replace timing gear	1-S43
	16. Piston ring and cylinder worn	Replace	1-S45, 1-S64
	17. Excessive valve clearance	Adjust	1-S12
	18. Engine stop solenoid malfunctioning	Replace	8-S13
Starter Does Not Run	1. Battery discharged	Charge	8-S8
	2. Starter malfunctioning	Repair or replace	8-S11
	3. Key switch malfunctioning	Repair or replace	8-S9
	4. Safety switch malfunctioning	Adjust or replace	8-S12
	5. Wiring disconnected	Connect	8-M1, 8-M3

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

3. SPECIFICATIONS

Model			RTV-X1140	
			Worksite / Orange	Worksite / Camo
Engine	Make		D1105	
	Type		3 cylinders, 4-cycle, diesel, OHV	
	Displacement		1.123 L (68.530 cu. in.)	
	Horsepower		18.5 kw (24.8 HP)	
	Rated revolution		3000 min^{-1} (rpm)	
	Low idling revolution		1350 to 1450 min^{-1} (rpm)	
Fuel Capacity			30 L (7.9 U.S.gals, 6.6 Imp.gals)	
Transmission			Continuously variable hydro transmission (VHT)	
Wheels, Drive system			4, Rear 2WD or 4WD	
Differential lock			Standard; foot operated with mechanical holder	
Gear selection			Hi-Low range forward, neutral, reverse	
Brakes	Front / Rear		Wet disk brake	
	Parking brake		Rear wheel, hand lever	
Steering			Hydrostatic power	
Suspension	Front		Independent, Dual A-Arm type	
	Rear			
Dimensions	Length		3640 mm (143.3 in.)	
	Width		1605 mm (63.2 in.)	
	Height, overall		2035 mm (80.1 in.)	
	Front tread centers		1280 mm (50.4 in.) HDWS, ATV	
	Rear tread centers			
	Wheelbase		2495 mm (98.2 in.)	
	Ground clearance	front axle	275 mm (10.8 in.)	
		rear axle	235 mm (9.3 in.)	
	Turning diameter		10.4 m (34.1 ft)	
Max. Rolling weight (Towing capacity)			Rear: 590 kg (1300 lbs), Front: 295 kg (650 lbs)	
Payload capacity			739 kg (1629 lbs)	
Weight			1075 kg (2370 lbs)	
Gross Vehicle Weight Rating (GVWR)			1814 kg (4000 lbs)	
Cargo bed	Width		1465 mm (57.7 in.)	
	Length (1 row / 2 row)		1300 mm (50.1 in.) / 660 mm (26.0 in.)	
	Depth		285 mm (11.2 in.)	
	Volume (1 row / 2 row)		0.54 m^3 (19.1 cu.ft.) / 0.28 m^3 (9.9 cu.ft.)	
	Bed height (unloaded)		900 mm (39.4 in.)	
	Cargo bed capacity (1 row / 2 row)		500 kg (1102 lbs) / 300 kg (66 lbs)	
Sound level, operator ear			84 db (A)	
Tire	Front		25 × 10-12 ATV, 6PLY, 25 × 10-12 HDWS, 6PLY	
	Rear		25 × 10-12 ATV, 6PLY 25 × 10-12 HDWS, 6PLY	
Tilt steering wheel			Standard	
Seat belt			3 point type	
Front deluxe guard			–	–
Front deluxe guard with light guard			Standard	Standard
Body color			Orange	Camo
Bed lift			Standard	Standard
Speedometer			Standard	Standard
Seat slide			Standard	Standard

■ **NOTE**
- **The company reserves the right to change the specifications without notice.**
- **The values in "Ground clearance" and "Weight" are those of the machine equipped with the tires in the table above.**

9Y1210996INI0007US0

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

6. MAINTENANCE CHECK LIST

WARNING

To avoid serious injury and vehicle damage:

- **Be sure you have sufficient knowledge, experience, the proper replacement parts and tools before you attempt any vehicle maintenance task.**

SERVICE INTERVALS

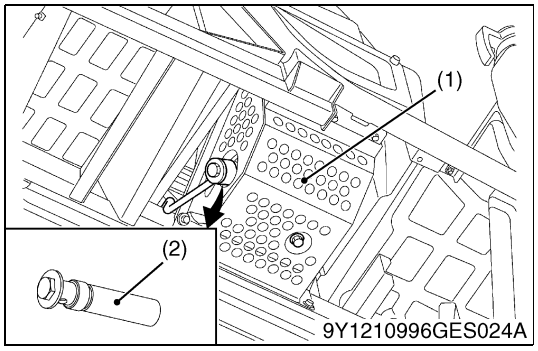
■ **IMPORTANT**

- **The jobs indicated by ★ must be done after the first 50 hours of operation.**
  ***1 The initial 50 hours should not be a replacement cycle.**
  ***2 Air cleaner should be cleaned more often in dusty conditions than in normal conditions.**
  ***3 Replace if any deterioration (crack, hardening, scar, or deformation) or damage occurred.**
- **The items listed below (@marked) are registered as emission related critical parts by KUBOTA in the U.S.EPA non road emission regulation. As the engine owner, you are responsible for the performance of the required maintenance on the engine according to the below instruction. Please see Warranty Statement in detail.**

No.	Item		Service Interval														After 700 hrs	Reference page		
			50	100	150	200	250	300	350	400	450	500	550	600	650	700				
1	Engine start system	Check	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	every 50 hrs	G-29		
2	Greasing (Except DT shaft bearing)	Apply	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	every 50 hrs	G-30		
3	Greasing (DT shaft bearing)	Apply				☆			☆					☆			every 200 hrs	G-39		
4	Engine oil	Change	★			☆				☆				☆			every 200 hrs	G-39	*1	
5	Muffler [Spark arrester]	Clean		☆		☆		☆		☆		☆		☆		☆	every 100 hrs	G-32		
6	Wheel fastener torque	Check	★	☆		☆		☆		☆		☆		☆		☆	every 100 hrs	G-32	*1	
7	Battery condition	Check		☆		☆		☆		☆		☆		☆		☆	every 100 hrs	G-33		
8	Alternator belt	Adjust		☆		☆		☆		☆		☆		☆		☆	every 100 hrs	G-35		
9	VHT neutral spring	Check		☆		☆		☆		☆		☆		☆		☆	every 100 hrs	G-35		
10	VHT pressure release	Check		☆		☆		☆		☆		☆		☆		☆	every 100 hrs	G-36		
11	Toe-in	Adjust		☆		☆		☆		☆		☆		☆		☆	every 100 hrs	G-36		
12	Fuel filter element	Check		☆		☆		☆		☆		☆		☆		☆	every 100 hrs	G-37		
		Replace								☆							every 400 hrs	G-45		@
13	Fuel line	Check															every 1 year	G-37	*3	@
		Replace															every 4 years	G-46		
14	Air cleaner element	Clean		☆		☆		☆		☆		☆		☆		☆	every 100 hrs	G-38	*2	@
		Replace															every 1000 hrs or 1 year	G-46		
15	Engine oil filter	Replace	★			☆				☆				☆			every 200 hrs	G-40	*1	
16	Transmission oil filter (VHT) (Yellow color)	Replace	★			☆				☆				☆			every 200 hrs	G-40	*1	
17	Transmission oil filter (Suction) (Black color)	Replace	★			☆				☆				☆			every 200 hrs	G-41	*1	
18	Brake pedal	Check	★			☆				☆				☆			every 200 hrs	G-41	*1	

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com



Checking Hydraulic Tank Suction Strainer

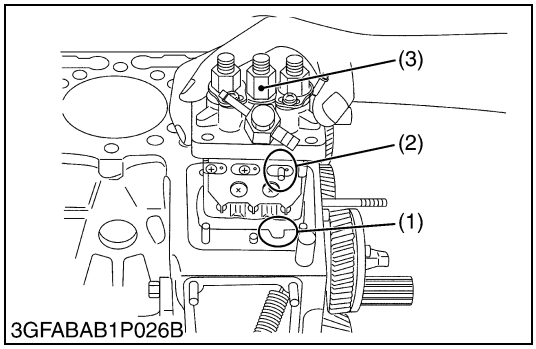
1. Make sure that the hydraulic tank is not damaged and the oil does not leak out of the hydraulic tank.
2. Make sure that the water is not mixed with the oil.
3. When the suction strainer is dirty, wash it with the light oil.

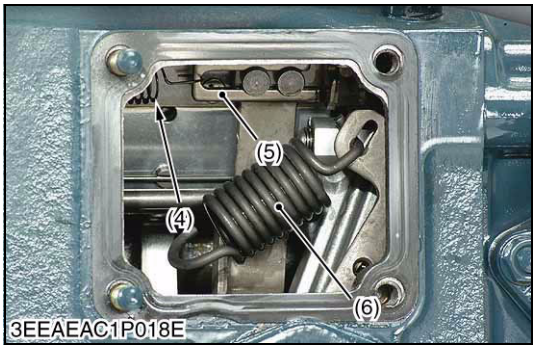
(1) Hydraulic Tank (2) Suction Strainer

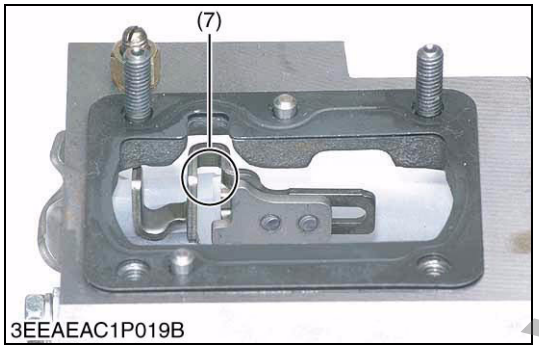
9Y1210996GEG0077US0

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com







Injection Pump

1. Disconnect the start spring (4) on the thrust lever side (5).
2. Align the control rack pin (2) with the notch (1) on the crankcase, and remove the injection pump (3).
3. Remove the injection pump shims.
4. In principle, the injection pump should not be disassembled.

(When reassembling)

- When installing the injection pump, insert the control rack pin (2) firmly into the groove (7) of the thrust lever of fork lever.

■ **NOTE**

- **Addition or reduction of shim (0.05 mm, 0.0020 in.) delays or advances the injection timing by approx. 0.0087 rad (0.5 °).**
- **In disassembling and replacing, be sure to use the same number or new gasket shims with the same thickness.**

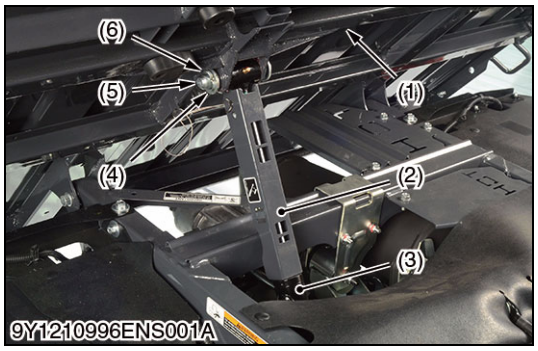
(1) Notch
(2) Control Rack Pin
(3) Injection Pump
(4) Start Spring
(5) Thrust Lever
(6) Governor Spring
(7) Groove

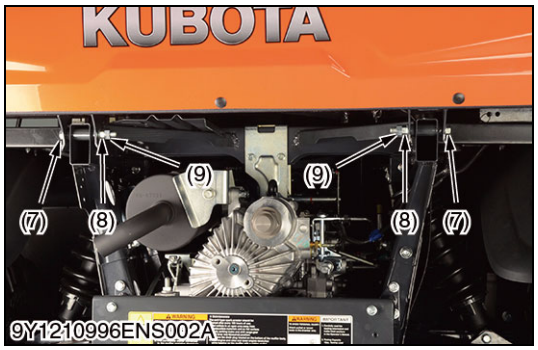
9Y1210996ENS0067US0

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

[2] DISMOUNTING TRANSMISSION AND ENGINE





Cargo Bed

CAUTION

- **Work with two people or a hoist when removing the cargo bed.**

1. Lift the cargo bed (1) to the rasied position and support it so that the hydraulic cylinder (3) does not drop.
2. Remove the cotter pin (2), washer (4), and clevis pin (3).
3. With the cargo bed supported in the rasied position, remove the cylinder lock (3) and compress the hydraulic cylinder. Slowly lower the cargo bed.
4. Remove the lock nuts (9), flange nuts (8), and remove the bolts (7).
5. Remove the cargo bed (1).

(When reassembling)

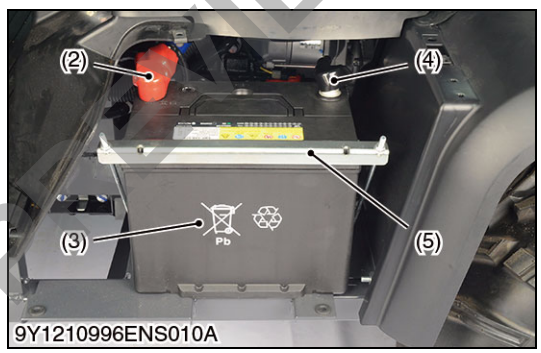
- Install the cotter pin both side bending.
- Torque the lock nut (9) while holding the flange nut (8) with a wrench.

Tightening torque	Cargo bed lock nut	77.5 to 90.2 N·m 7.91 to 9.19 kgf·m 57.2 to 66.5 lbf·ft

(1) Cargo Bed
(2) Cylinder Lock
(3) Hydraulic Cylinder
(4) Washer
(5) Clevs Pin
(6) Cotter Pin
(7) Bolt
(8) Flange Nut
(9) Lock Nut

9Y1210996ENS0009US0





Battery

CAUTION

- **When disconnecting the battery cables, disconnect the negative cable from the battery first. When connecting, connect the positive cable to the battery first.**

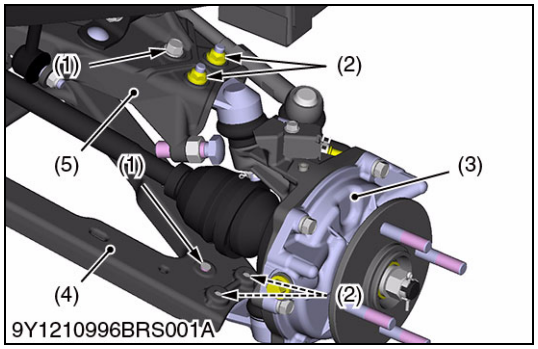
1. Remove the L.H. side cover (1).
2. Disconnect the negative cable (4) from the battery.
3. Disconnect the positive cable (2) from the battery.
4. Remove the battery stay (5).
5. Remove the battery (3).

(1) L.H. Side Cover
(2) Positive Cable
(3) Battery
(4) Negative Cable
(5) Battery Stay

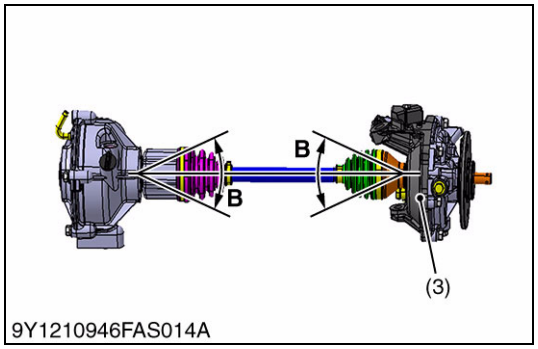
9Y1210996ENS0029US0

PREVIEW ONLY YOUFIXTHIS.COM

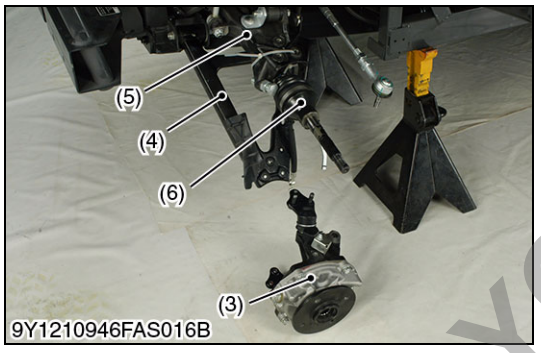
Download full manual at youfixthis.com



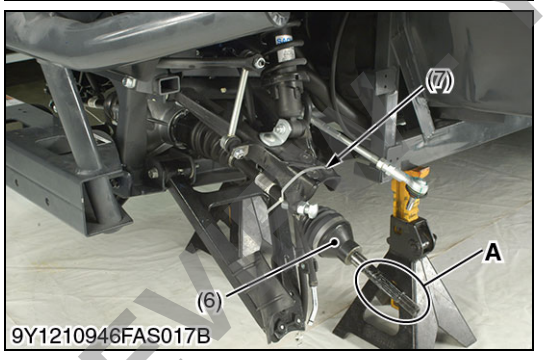
9Y1210996BRS001A



9Y1210946FAS014A



9Y1210946FAS016B



9Y1210946FAS017B

Knuckle Case

■ **NOTE**
- **CV joint should not exceed the allowable bend angle ±25 ° when being reassembled or disassembled.**

1. Remove the flange bolts (1) and lock nuts (2) from the upper and lower arms (5), (4).
2. Support the CV joint (6) with a clamp (7) or equivalent to prevent the CV joint from falling before removing the knuckle case assembly.
3. Remove the knuckle case assembly (3).
4. Remove the CV joint (6).

(When resembling)
- Apply anti-fretting grease (RAILMASTER or equivalent) to the spline of CV joint (6).

(1) Flange Bolt
(2) Lock Nut
(3) Knuckle Case Assembly
(4) Upper Arm
(5) Lower Arm
(6) CV Joint
(7) Clamp

A: Apply to grease.
B: ± 25 °

9Y1210996BRS0014US0

PREVIEW ONLY YOUFIXTHIS.COM

Download full manual at youfixthis.com

PREVIEW ONLY

You're viewing 16 of 417 pages

The full manual includes:

- All 417 pages, complete
- Searchable PDF (find any keyword)
- No watermarks
- Instant download
- Print-ready quality

GET FULL MANUAL NOW

Kubota RTV-X1140 Service Manual

Scan or click anywhere
youfixthis.com

Click anywhere on this page to get the full manual