CONTENTS

CHAPTER 1 GENERAL 1-1

1. TRACTOR INDENTIFICATION 1-3
2. TRACTOR VIEW 1-4
3. GENERTAL PRECATIONS
   - 3.1 ASSEMBLY AND DISASSEMBLY 1-5
   - 3.2 ELECTRICAL SYSTEM 1-6
   - 3.3 TUBE AND RUBBERS 1-7
   - 3.4 LUBICANT 1-7
4. HANDLING PRECAUTIONS FOR ELECTRICAL PARTS AND WIRING 1-8
5. SPECIFICATION 1-9
6. LUBRICANTS,FUEL AND COOLANT 1-10
7. TIGHTENING TORQUE 1-11
   - 7.1 GENERAL USE SCREW,BOLTS AND NUTS 1-11
   - 7.2 STUD BOLTS 1-11
   - 7.3 AMERICAN STANDARD SCREW,BOLTS AND NUTS WITH UNC OR UNF THREADS 1-12
8. MAINTENANCE CHECK LIST 1-13
9. CHECK AND MAINTENANCE 1-15
   - 9.1 DAILY CHECK 1-15
   - 9.2 EVERY 50 HOURS 1-19
   - 9.3 EVERY 100 HOURS 1-21
   - 9.4 EVERY 200 HOURS 1-26
   - 9.5 EVERY 400 HOURS 1-31
   - 9.6 EVERY 600 HOURS 1-32
   - 9.7 EVERY 800 HOURS 1-32
   - 9.8 EVERY 1 YEAR 1-32
   - 9.9 EVERY 2 YEARS 1-33
   - 9.10 SERVICE AS REQUIRED 1-35
10. TIRES 1-38

CHAPTER 2 ENGINE 2-1

1. FEATURE 2-3
2. LUBRICATING SYSTEM 2-4
3. COOLING SYSTEM 2-5
4. FUEL SYSTEM 2-6
5. TROUBLESHOOTING 2-7
6. SERVICING SPECIFICATION 2-10
   - 6.1 ENGINE BODY 2-10
   - 6.2 LUBRICATING SYSTEM 2-13
   - 6.3 COOLING SYSTEM 2-14

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

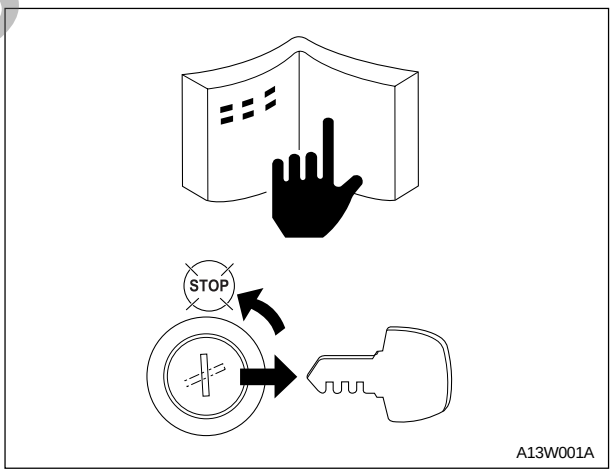
SAFETY FIRST

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

SIGNS		DESCRIPTION
⚠	DANGER	This mark indicates hazardous situation which, if not observed, may result in death or fatal injury. This mark should be indicated for most dangerous situations only.
⚠	WARNING	This mark indicates potentially hazardous situation which, if not observed, may result in death or moderate injury.
⚠	CAUTION	This mark indicates potentially hazardous situation which, if not observed, may result in minor or moderate injury. And this mark can be used as a warning against unsafe activities.
⊕	IMPORTANT	This mark indicates emphasis on notable characteristics in working procedures or information on working procedures and technology for convenient use.
NOTE		Gives helpful information.

BEFORE SERVICING AND REPAIRING

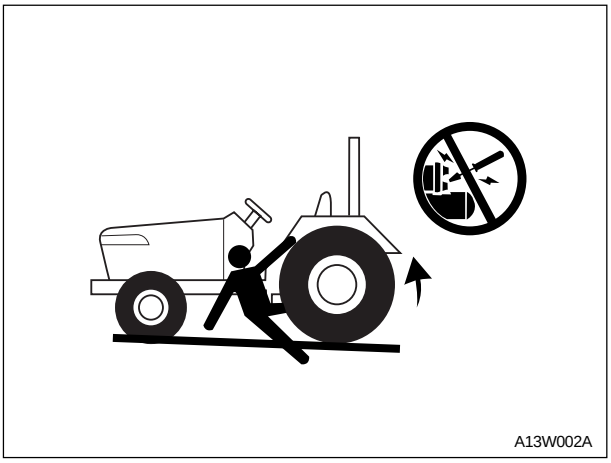
1. Read all safety instructions in this manual and be aware of the safety decals on your machine itself.
2. Thoroughly clean your work area and the machine.
3. Make sure the machine is on firm and level ground and that the parking brake is set.
4. Lower the implement to the ground.
5. Stop the engine and remove the key.
6. Disconnect the negative battery cable.
7. Place a "DO NOT OPERATE" tag in operator station.



A13W001A

SAFETY STARTING

1. Always use the safety start switch to start the engine and never by any other means.
2. Do not alter or remove any part of machine safety system.
3. Before starting the engine, make sure that all shift levers are in neutral positions or in the disengaged positions.
4. Never start the engine unless you are in the operator's seat.


A13W002A

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

8. MAINTENANCE CHECK LIST

No.	Item \ Period		Indication On Hour Meter																		After Purchase		Important	
			50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	1500	3000	1 year	2 years		
1	Engine oil	Change	⊙	●		●		●		●		●		●		●		●						
2	Engine oil filter	Replace	⊙			●				●				●				●						
3	Transmission oil filter	Replace	⊙			●				●				●				●						
4	Transmission fluid	Change	⊙							●								●						
5	Front axle case oil	Change	⊙							●								●						
6	Front axle pivot	Adjust	●					●						●				●						
7	Engine start system	Check	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●						
8	Greasing	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●						
9	Wheel bolt torque	Check	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●						
10	Battery condition	Check		●		●		●		●		●		●		●		●					*4	
11	Air cleaner element	Clean		●		●		●		●		●		●		●		●					*1	@
		Replace																			●		*2	
12	Fuel filter element	Check		●		●		●		●		●		●		●		●						@
		Replace								●								●						
13	Fan belt	Adjust		●		●		●		●		●		●		●		●						
14	Clutch	Adjust	⊙	●		●		●		●		●		●		●		●						
15	Brake	Adjust	⊙	●		●		●		●		●		●		●		●						
16	Radiator hose and clamp	Check				●				●				●				●						
		Replace																				●		
17	Power steering oil line	Check				●				●				●				●						
		Replace																				●		
18	Fuel line	Check		●		●		●		●		●		●		●		●						@
		Replace																				●		
19	Intake air line	Check				●				●				●				●						
		Replace																				●	*3	
20	Toe-in	Adjust				●				●				●				●						
21	Engine valve clearance	Adjust																●						
22	Fuel injection nozzle injection pressure	Check																	●	●				@
23	Injection pump	Check																		●				@
24	Cooling system	Flush																				●		
25	Coolant	Change																				●		
26	Fuel system	Bleed																			Service as required			
27	Fuse	Replace																						
28	Light bulb	Replace																						

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

5. SPECIFICATIONS

Model			DK50S(DK501)	DK55(DK551)
Engine	Model		4A 200TA	4A 220T
	Type		Liquid-cooled, 4-cylinder diesel	
	Engine gross	HP (kW)	50 (37.3)	55 (41.0)
	P.T.O	HP (kW)	38 (28.3)	
	Displacement	cc (cu.in)	1,999 (122.0)	2,197 (134.1)
	Rated revolution	r.p.m min-1	2,600	
	Fuel tank capacity	ℓ (gal.)	68 (18.0)	
Drive train	Clutch		Dry type single stage	
	Transmission		Synchro	
	Speeds		12F 12R	
	Differential lock		Standard	
	Brake		Wet disc type	
	P.T.O		Trans	
	Rear	(rpm)	2 speed (540/1000 rpm) Only USA 3 speed (540/750/1000 rpm)	
Hydraulic system	Pump capacity (Max. flow rate)	ℓ/min (gpm)	Main pump 37.4 (9.88) Power steering pump 16.4 (4.33)	
	3-point hitch		Cat.I	
	Maximum lifting capacity	kgf (lbs.)	1,204 (2,654)	
	Hydraulic lift control system		Position, draft and Mixed control	
	Steering		Hydrostatic	
Standard tire size	Front		9.5 - 18, 6PR	9.5 - 20, 6PR
	Rear (AG, TURF, INDUSTRIAL)		13.6 - 28, 6PR	14.9 - 28, 6PR
Traveling speeds	Forward (At rated engine rpm)	km/h (mph)	0.40 ~ 26.6 (0.25 ~ 16.53)	0.42 ~ 27.80 (0.26 ~ 17.27)
	Reverse (At rated engine rpm)	km/h (mph)	0.3 ~ 22.0 (0.19 ~ 13.67)	0.34 ~ 23.01 (0.21 ~ 14.30)
Dimen-sions	Overall length (with 3p)	mm (in.)	3,266 (128.6)	3,296 (129.8)
	Overall width (minimum tread)	mm (in.)	1,644 (64.7)	1,760 (69.3)
	Overall height (Top of Cabin)	mm (in.)	2,453 (96.6)	2,485 (97.86)
	Wheel base	mm (in.)	1,920 (75.6)	
	Min. ground clearance	mm (in.)	413 (16.3)	445 (17.5)
	Tread Front	mm (in.)	1,272 (50.1)	1,398 (55.0)
	Tread Rear	mm (in.)	1,292 (50.9)	1,352 (53.2)
	Min. turning radius (with brake)	m (Ft.)	2,780 (109.4)	
	Weight (with Cabin)	kgf (lbs.)	2,110 (4,652)	2,143 (4,724)

NOTE: The specifications are subject to change for the purpose of improvement without any notice.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

6.5 TIGHTENING TORQUES

Item	Size x Pitch	N•m	kgf•m	lbf·ft
* Cylinder head screws	M11 x 1.25	103.0 ~ 107.9	10.5 ~ 11.0	75.9 ~ 79.6
Head cover bolt	M8 x 1.0	8.8 ~ 11.8	0.9 ~ 1.2	6.5 ~ 8.7
* Bearing case screw 1	M9 x 1.25	46.1 ~ 51.0	4.7 ~ 5.2	34.0 ~ 37.6
* Bearing case screw 2	M10 x 1.25	68.6 ~ 73.6	7.0 ~ 7.5	50.6 ~ 54.2
* Flywheel screw	M12 x 1.25	98.1 ~ 107.9	10.0 ~ 11.0	72.3 ~ 79.6
* Connecting rod	M8 x 1.0	44.1 ~ 49.1	4.5 ~ 5.0	32.5 ~ 36.2
Rocker arm support bolts	M10 x 1.25	60.8 ~ 70.6	6.2 ~ 7.2	44.8 ~ 52.1
Drain plug	M12 x 1.25	32.4 ~ 37.3	3.3 ~ 3.8	23.9 ~ 37.3
Glow plugs	M10 x 1.25	19.6 ~ 24.5	2.0 ~ 2.5	14.5 ~ 18.1
Oil switch	PT1/8	14.7 ~ 19.6	1.5 ~ 2.0	10.8 ~ 14.5
Nozzle locating screws	M20 x 1.5	49.1 ~ 68.7	5.0 ~ 7.0	36.2 ~ 50.6
Injection pipe nuts	M12 x 1.5	24.5 ~ 34.3	2.5 ~ 3.5	18.1 ~ 25.3

NOTE:

- *For *marked screw, bolts and nuts on the table, apply engine oil to their threads and seats before tightening.*
- *The letter "M" in Size x Pitch means that the screw, bolt or nut dimension stands for metric. The size is the nominal outside diameter in mm of the threads. The pitch is the nominal distance in mm between two threads.*

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

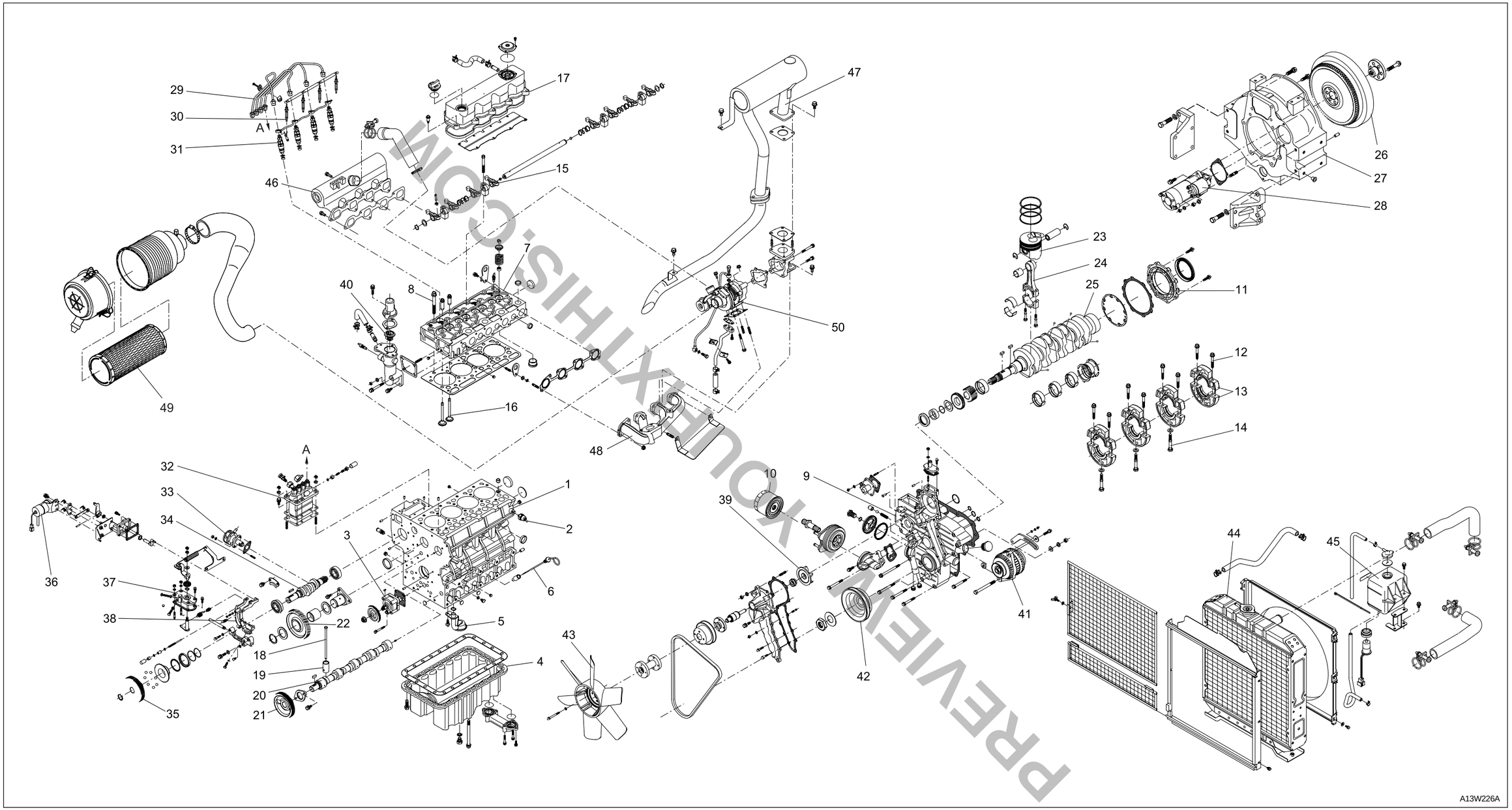
5. TROUBLESHOOTING

Symptom	Probable Cause	Solution
Engine Does Not Start	• Not fuel	Replenish fuel
	• Air in the fuel system	Vent air
	• Water in the fuel system	Change fuel and repair or flush fuel system
	• Fuel pipe clogged	Clean
	• Fuel filter clogged	Clean or replace
	• Excessively high viscosity of fuel or engine oil at low temperature	Use the specified fuel or engine oil
	• Fuel with low cetane number	Use the specified fuel
	• Fuel leak due to loose injection pipe retaining nut	Tighten nut
	• Incorrect injection timing	Adjust
	• Fuel camshaft worn	Replace
	• Injection nozzle clogged	Clean or replace
	• Injection pump malfunctioning	Repair or replace
	• Fuel transfer pump malfunctioning	Repair or replace
	• Seizure of transfer pump malfunctioning piston, cylinder bore or bearing	Repair or replace
	• Compression leak from cylinder	Replace head gasket, tighten cylinder head screws, glow plug and nozzle holder
	• Improper valve seating, valve spring broken, valve seized	Repair or replace
	• Improper valve timing	Correct or replace timing gear
	• Piston ring and bore worn	Repair or replace
	• Excessive valve clearance	Adjust
		Charge
(Starter Does Not Run)	• Battery discharged	Repair or replace
	• Starter malfunction	Repair or replace
	• Starter switch malfunction	Connect
	• Wiring disconnected	Clean or replace
Engine Revolution is Not Smooth	• Fuel filter clogged or dirty	Clean or replace
	• Air cleaner clogged	Tighten nut
	• Fuel leak due to loose injection pipe retaining nut	Repair or replace
	• Injection pump malfunctioning	Adjust
	• Incorrect nozzle opening pressure	Repair or replace
	• Nozzle stuck or clogged	Clean
	• Fuel over flow pipe clogged	Repair
	• Governor malfunctioning	

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

7.2 ENGINE DISASSEMBLED VIEW



A13W226A

(1) Cylinder Block
(2) Oil Pressure Switch
(3) Oil Pump
(4) Oil Pan
(5) Oil Strainer
(6) Oil Gauge
(7) Cylinder Head
(8) Head Bolt
(9) Gear case
(10) Oil Filter
(11) Main bearing Case Cover
(12) Bearing Case Bolt 1
(13) Main Bearing Case
(14) Bearing Case Bolt 2
(15) Rocker Arm
(16) Inlet, Exhaust Valve
(17) Cylinder Hear Cover
(18) Push Rod
(19) Tappet
(20) Camshaft
(21) Camshaft Gear
(22) Idle Gear
(23) Piston
(24) Connecting Rod
(25) Crankshaft
(26) Flywheel
(27) Flywheel Housing
(28) Starter
(29) Injection Pipe
(30) Glow Plug
(31) Nozzle
(32) Fuel Injection Pump
(33) Fuel Feed Pump
(34) Fuel Camshaft
(35) Fuel Camshaft Gear
(36) Engine Stop Solenoid
(37) Speed Control Plate
(38) Fork Lever (Governor)
(39) Impeller
(40) Thermostat
(41) Alternator
(42) Fan Drive Pulley
(43) Cooling Fan
(44) Radiator
(45) Reserve Tank Ass'y
(46) Inlet Manifold
(47) Muffler
(48) Exhaust Manifold
(49) Air Cleaner
(50) Air Conditioner Compressor

PREVIEW YOU
WOOSIHLXFANC.COM
Download full manual at youfixthis.com

7. DISASSEMBLING AND MAINTENANCE

7.1 SEPARATING THE ENGINE

A. DRAINING ENGINE OIL

CAUTION

- ***Before replacing oil, stop the engine after warming-up for 5 minutes.***

1. Underlay oil pan under engine.
2. Remove the drain plug and drain the oil.
3. After draining, install the plug.

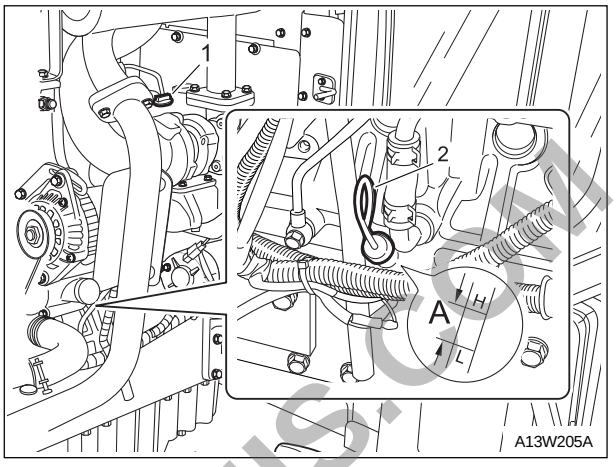
(Filling)

Fill the new oil up to the maximum of the gauge.

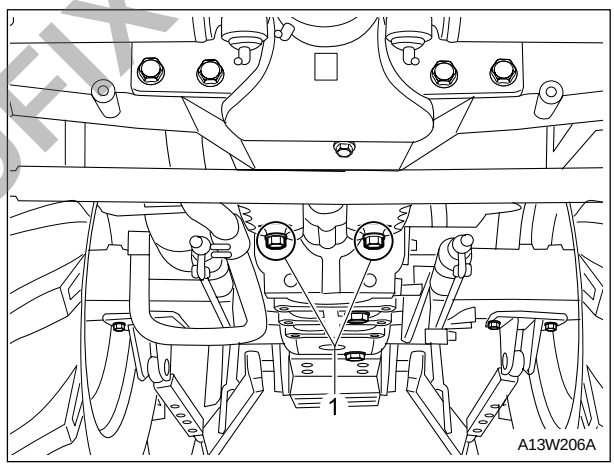
Engine oil capacity	8.0ℓ (2.11 U.S.gal)

IMPORTANT

- ***Never mix with other oil.***
- ***For engine oil specification, refer to page.***



(1) Oil Inlet
(2) Dipstick
(A) Oil Level is Acceptable Within this Range



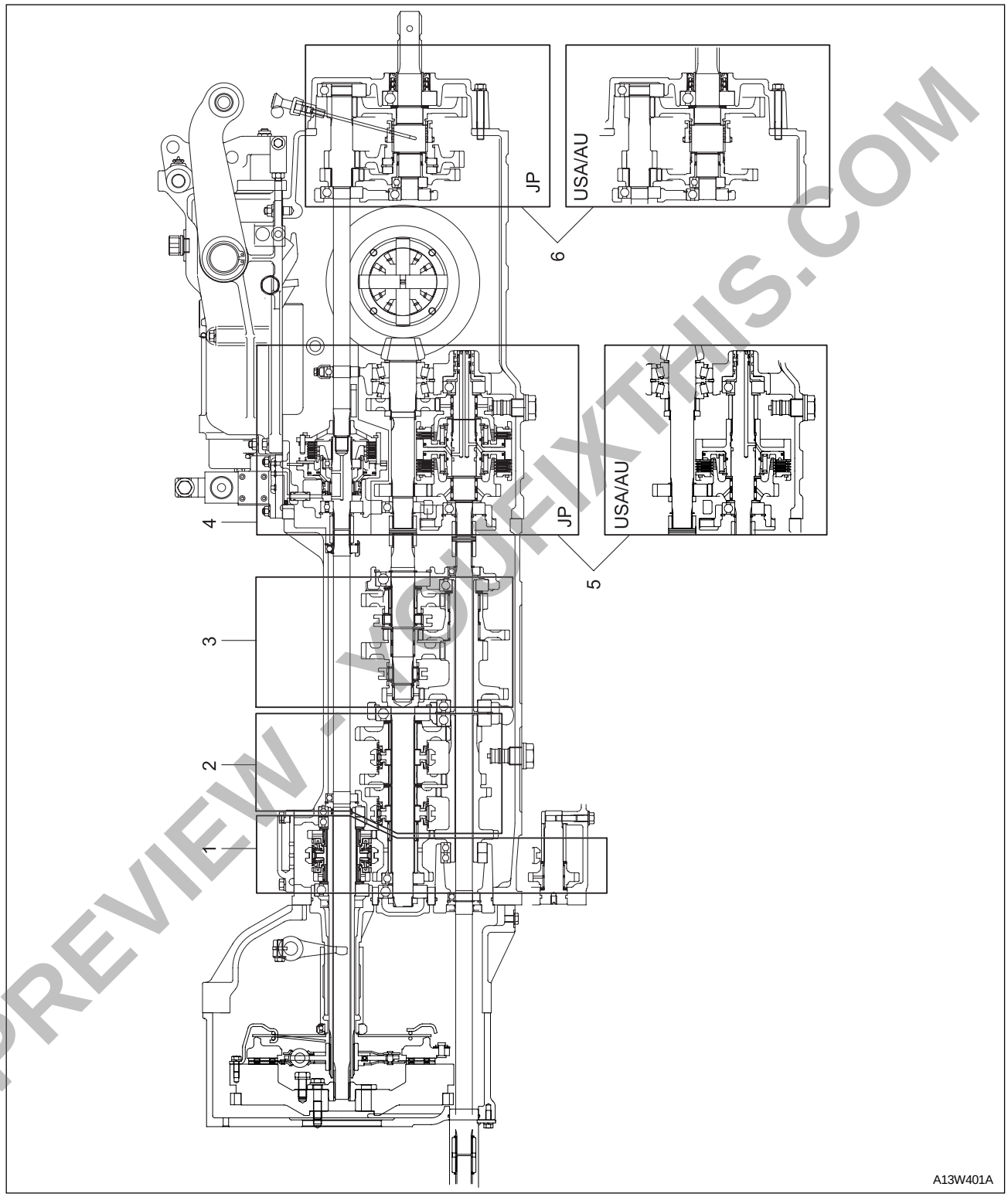
(1) Drain Plug

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

1. STRUCTURE

1.1 POWER TRAIN DIAGRAM



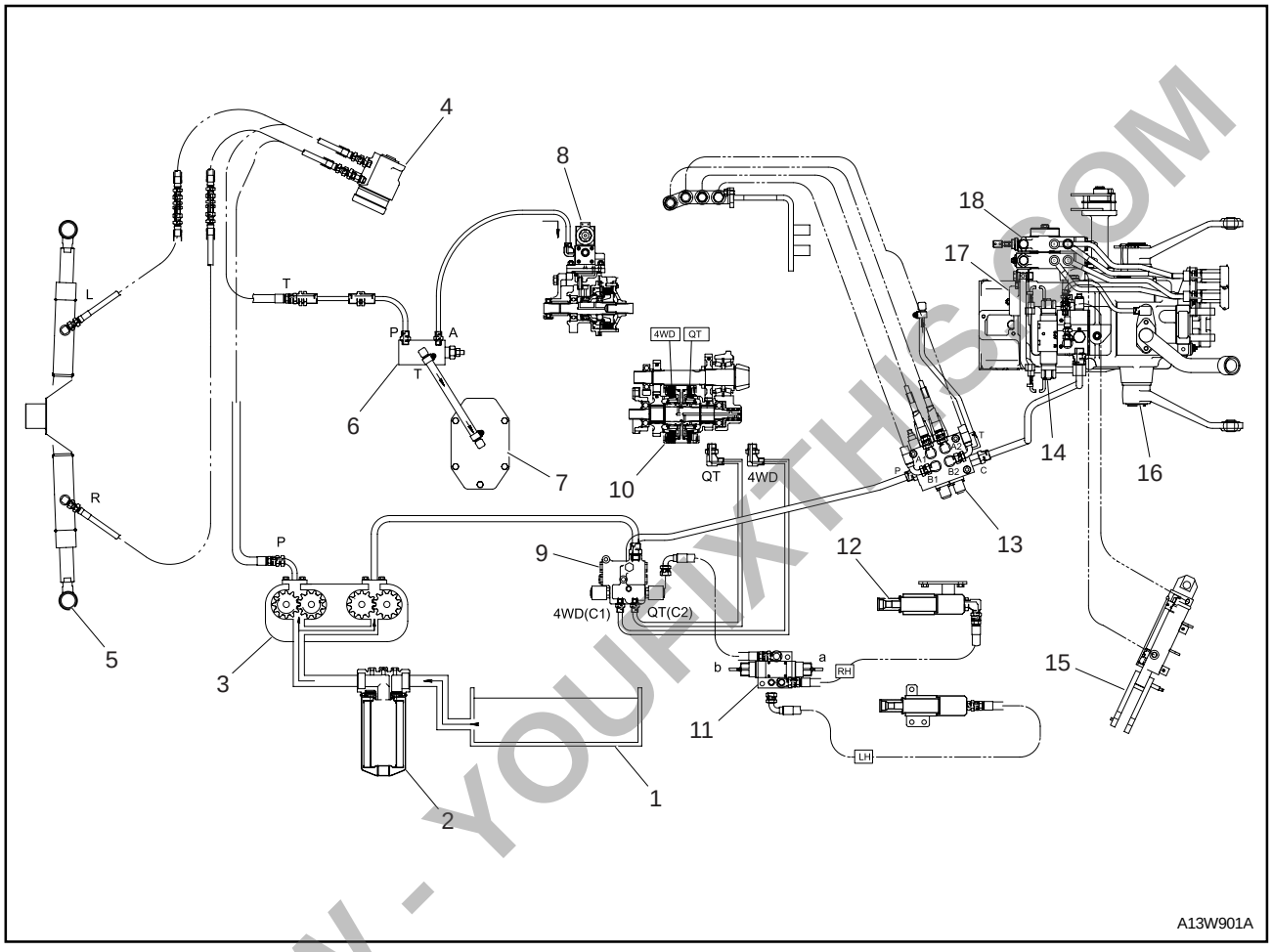
(1) Shuttle Shift Section
(2) Main Gear Shift Section
(3) Hi-Low Range Shift Section
(4) PTO Clutch Section
(5) 4WD Q/T Clutch Section

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

1. STRUCTURE

1.1 HYDRAULIC OIL FLOW SHEMATIC



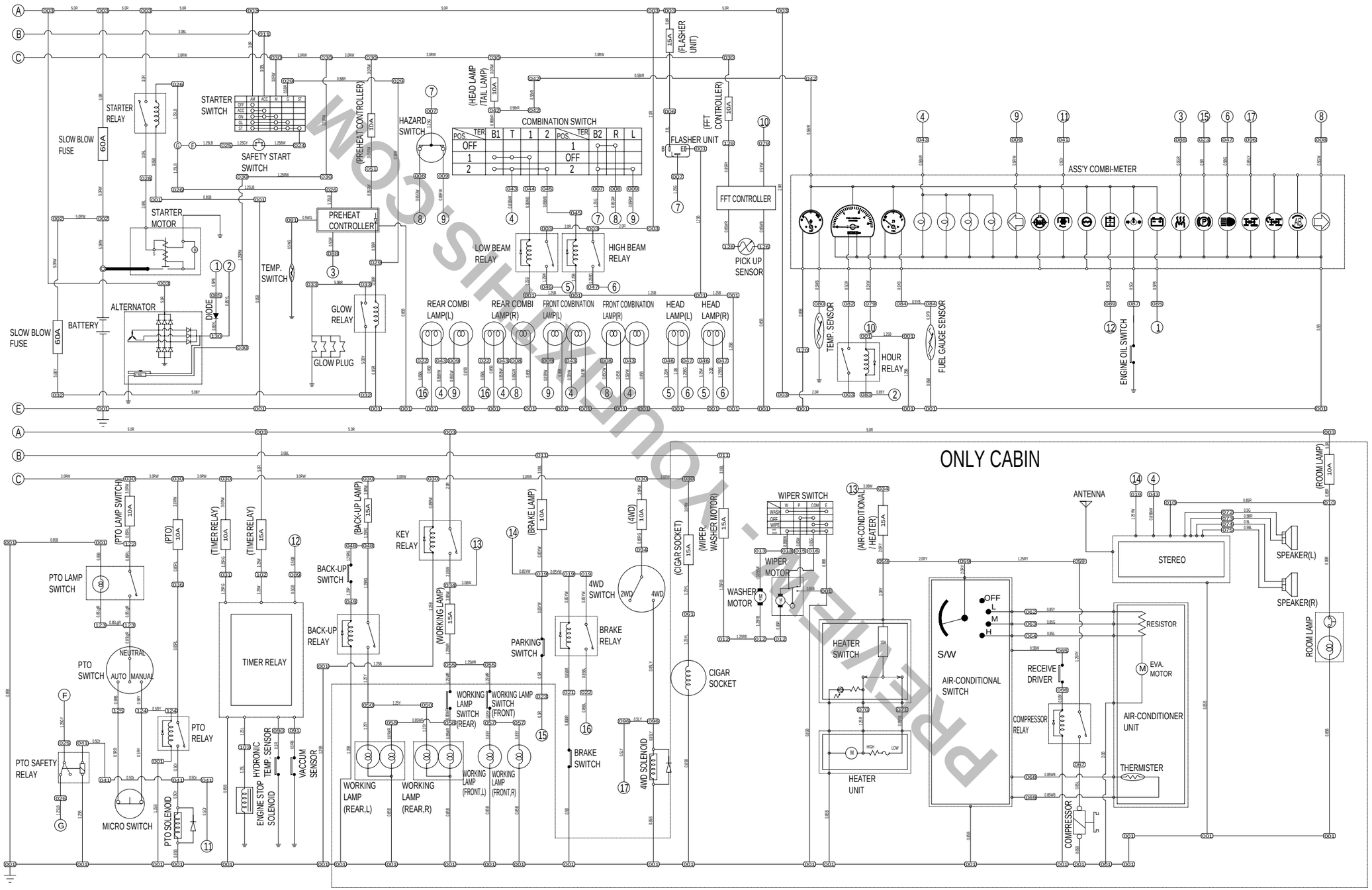
(1) Transmission Case
(2) Oil Filter
(3) Gear Pump
(4) Power Steering Unit
(5) Steering Cylinder
(6) Priority Valve
(7) Shuttle Cover
(8) PTO Clutch Control Vlave
(9) 4WD Q/T Valve
(10) 4WD Q/T Clutch
(11) Brake Control Valve
(12) Brake Cylinder
(13) Joystick Valve
(14) Horizontal Control Valve
(15) Lift Cylinder
(16) Hydraulic Lift Cylinder
(17) MLS Valve
(18) Auxiliary Control Valve

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

1.8 WIRING DIAGRAM

DK50S/55(DK501/551)



A13WB53A

PREVIEW
Download full manual at youfixthis.com

4.1 SEPARATING THE HYDRAULIC PUMP 8-12
4.2 SEPARATING THE STEERING UNIT 8-14
4.3 DISASSEMBLING OF THE STEERING CYLINDER 8-23
4.4 SERVICING 8-24

CHAPTER 9 HYDRAULIC SYSTEM 9-1
1. STRUCTURE 9-3
1.1 HYDRAULIC OIL FLOW SHEMATIC 9-3
1.2 HYDRAULIC CIRCUIT SHEMATIC 9-4
1.3 HYDRAULIC FILTER SHEMATIC 9-5
1.4 HYDRAULICPUMP SHEMATIC 9-5
1.5 POWER STEERING SYSTEM 9-6
1.6 PTO CLUTCH VALVE SYSTEM 9-8
1.7 4WD,Q/T AND Q/T (AB) SYSTEM 9-9
1.8 JOYSTICK VALVE 9-10
1.9 HORIZONTAL CONTROL SYSTEM (ONLY JP) 9-11
1.10 HYDRAULIC POWER LIFT SYSTEM 9-12
1.11 AUXILIARY CONTROL VALVE (IF EQUIPPED) 9-13
2. TROUBLINGSHOOTING 9-14
2.1 JOYSTICK VALVE 9-14
2.2 HYDRAULIC LIFT SYSTEM 9-15
3. CHECKING,DISASSEMBLING AND MAINTENANCE 9-16
3.1 HYDRAULIC FILTER 9-16
3.2 HYDRAULIC PUMP 9-16
3.3 POWER STEERING UNIT 9-18
3.4 PTO CLUTCH VALVE 9-19
3.5 4WA,Q/T AND Q/T(AB) VALVE 9-23
3.6 JOYSTICK VALV 9-27
3.7 HORIZONTAL CONTROL VALVE 9-28
3.8 HYDRAULIC LIFT SYSTEM 9-30

CHAPTER 10 CABIN SYSTEM 10-1
1. STRUCTURE 10-3
1.1 HEATER 10-3
1.2 AIR-CONDITIONER 10-4
2. TROUBLESHOOTING 10-6
3. INSPECTION AND ADJUSTMENTS 10-14

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

10.4 TRAVELING SPEED

* At rated engine rpm with standard tires.

Km/h(mile/h)

Operating The lever			Model	
Shuttle	Hi-Low	Main	**DK501**	**DK551**
FORWARD	Low	1	0.4 (0.25)	0.42 (0.26)
		2	0.6 (0.37)	0.59 (0.37)
		3	0.8 (0.50)	0.87 (0.54)
		4	1.3 (0.81)	1.39 (0.86)
	Middle	1	1.9 (1.18)	1.95 (1.21)
		2	2.7 (0.68)	2.77 (1.72)
		3	3.9 (1.68)	4.08 (2.54)
		4	6.3 (3.91)	6.53 (4.06)
	High	1	8.0 (4.97)	8.31 (5.16)
		2	11.3 (7.02)	11.81 (7.34)
		3	16.6 (10.31)	17.37 (10.79)
		4	26.6 (16.53)	27.80 (17.27)

Km/h(mile/h)

Operating The lever			Model	
Shuttle	Hi-Low	Main	**DK501**	**DK551**
REVERSE	Low	1	0.3 (0.19)	0.34 (0.21)
		2	0.5 (0.31)	0.49 (0.30)
		3	0.7 (0.43)	1.72 (0.45)
		4	1.1 (0.68)	1.15 (0.71)
	Middle	1	1.5 (0.93)	1.61 (0.72)
		2	2.2 (1.37)	2.29 (1.42)
		3	3.2 (1.99)	3.37 (2.09)
		4	5.2 (3.23)	5.40 (3.36)
	High	1	6.6 (4.10)	6.88 (4.28)
		2	9.4 (5.84)	9.77 (6.07)
		3	13.8 (8.57)	14.38 (8.94)
		4	22.0 (13.67)	23.01 (14.30)

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

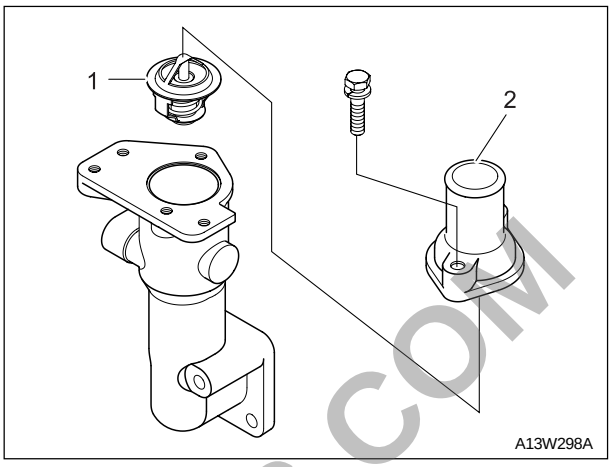
B. DISASSEMBLING AND ASSEMBLING

a. Thermostat

1. Remove the thermostat cover (2).
2. Take out the thermostat (1).

(When reassembling)

- Apply liquid gasket (Three Bond 1215 or equivalent) to the gasket.



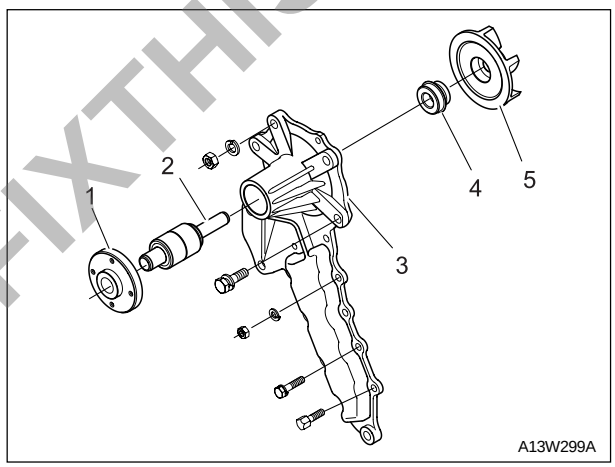
(1) Thermostat (2) Thermostat Cover

b. Water pump

1. Remove the fan and fan pulley.
2. Remove the water pump body from gear case cover.
3. Remove the water pump flange (1).
4. Remove the impeller and water pump shaft (3).
5. Remove the impeller from the water pump shaft.
6. Remove the mechanical seal (4).

(When reassembling)

- Replace the mechanical seal (4) with new one.



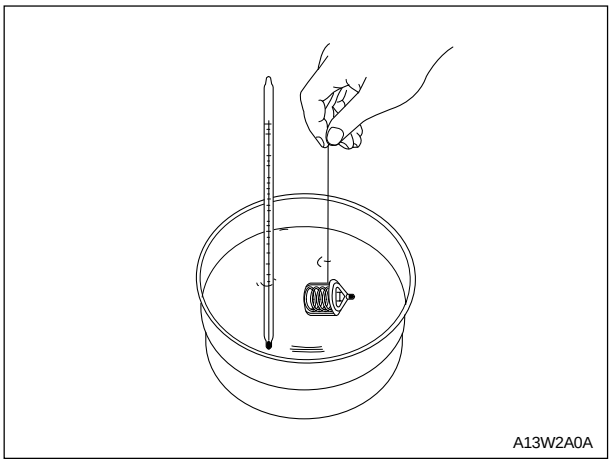
(1) Water Pump Flange (4) Water Pump Body
(2) Water Pump Bearing (5) Mechanical Seal
(3) Water Pump Shaft (6) Impeller

C. SERVICING

(A) Thermostat valve opening temperature

1. Suspend the thermostat in the water by a string with its end inserted between the valve and seat.
2. Heating the water gradually, read the temperatures when the valve starts to opens and then when the valve opens approx 8 mm (0.315 in.).
3. If the measurements are not within the factory specifications, replace the thermostat.

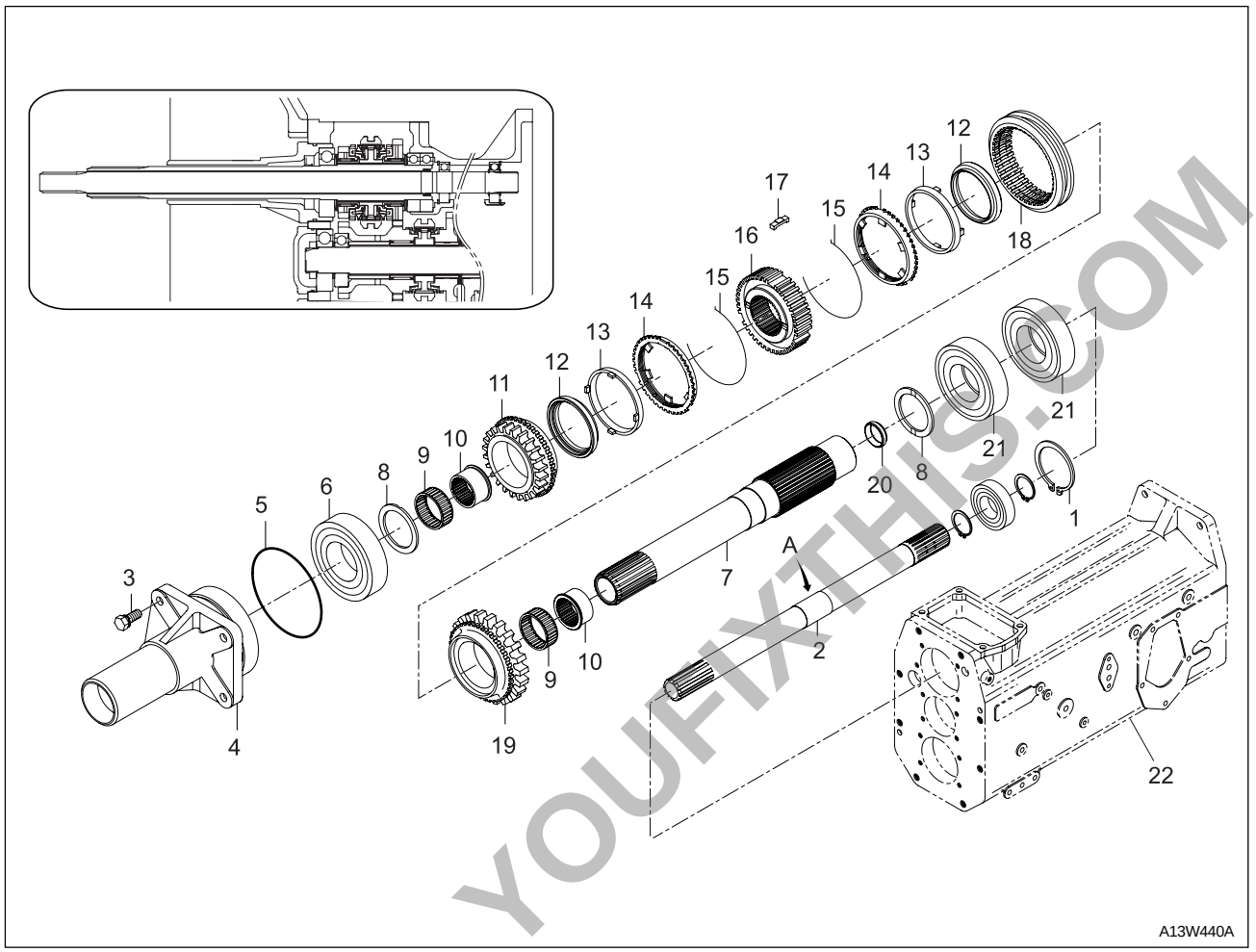
Opening temperature	Factory spec.	71 ± 1.5 °C (160 ± 3 °F) at beginning
		Lower than 85 °C (185 °F) at 8 mm (0.315 in.) of opening



PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

j. Shuttle shaft section



(1) Snap Ring
(2) PTO Drive Shaft
(3) Bolt
(4) Propeller Bearing Shaft Case
(5) O-ring
(6) Ball Bearing
(7) Suttle Shaft
(8) Thrust Collar
(9) Needle Bearing
(10) Inner Ring
(11) 24 Gear
(12) Outer Ring
(13) Inner Ring
(14) Duble Cone
(15) Synchronizer Spring
(16) Synchro Hub
(17) Synchronizer Key
(18) Shifter
(19) 29 Gear
(20) Oil Seal
(21) Ball Bearing
(22) Middle Case

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

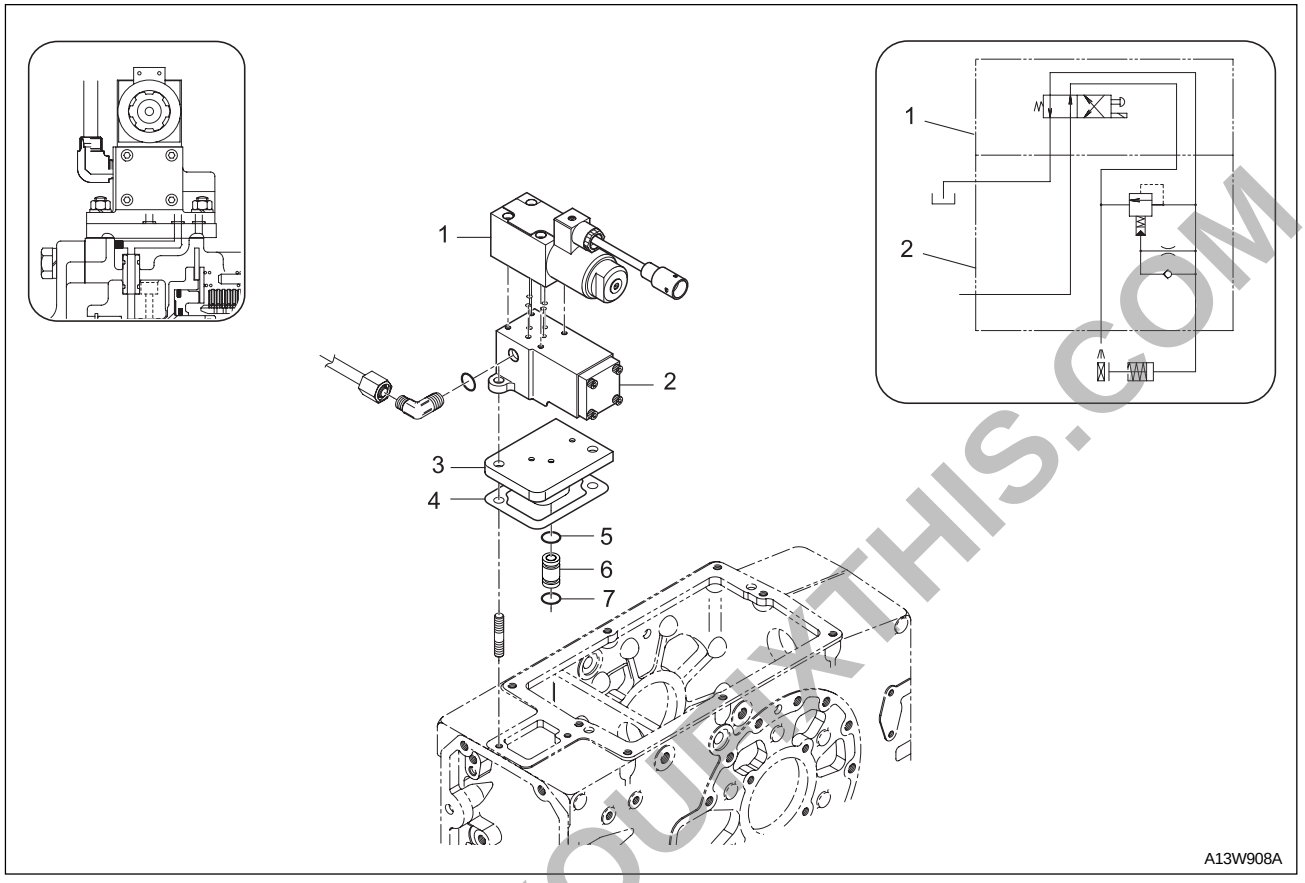
2. TROUBLESHOOTING

Symptom	Provable causes	Solution	Reference page
Front wheels wander to right or left	- Tire pressure uneven	Adjust	
	- Improper toe-in adjustment (improper alignment)	Adjust	
	- Clearance between front axle case boss and front axle bracket (front, rear) bushing excessive	Replace	
	- Front axle rocking force too small	Adjust	
	- Front wheel sway excessive	Replace	
	- Tie-rod end loose	Tighten	
	- Air sucked in power steering circuit	Bleed	
Front wheel can not be driven	- Propeller shaft broken	Replace	
	- Front wheel drive gears in transmission broken	Replace	
	- Front differential gear broken	Replace	
	- Shift fork broken	Replace	
	- Coupling displaced	Reassemble	
Noise	- Gear backlash excessive	Adjust or replace	
	- Oil insufficient	Replenish	
	- Bearings damaged or broken	Replace	
	- Gears damaged or broken	Replace	
	- Spiral bevel pinion shaft turning force improper	Adjust	

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

1.6 PTO CLUTCH VALVE SYSTEM



(1) Solenoid Valve
(2) Modulate Valve
(3) Valve Support
(4) Packing
(5) O-ring
(6) Pipe
(7) O-ring

With the PTO clutch valve and the hydraulic transferred from the prior valve, when PTO switch is selected and switched “ON” the PTO clutch power must be monitored in accordance with the selected location of the location control lever, location adjustment volume and the electric signal when reversing.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

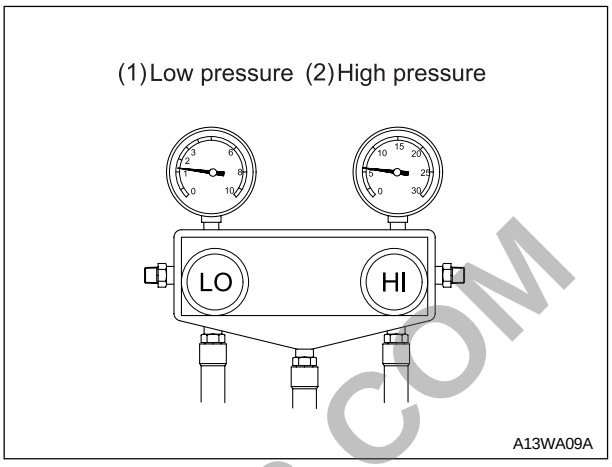
g. Moisture Intrusion Into Cooling Cycle

1. Status: Sometimes cool, sometimes not cool
2. Symptoms:
   - The pressure of low pressure side is sometimes negative or sometimes returning normal.
3. Cause:
   - The moisture inside cooling cycle is frozen which makes the cycle closed in the expansion valve and return to the normal by melting of ice.
4. Action:
   - Replace the receiver drier.
   - Repeat the vacuum working 2 ~ 3 times. Charge the proper amount of refrigerant.

* REFERENCE

Low pressure side: Vacuum

High pressure side: 7 ~ 15 kgf/cm^2 (0.69 ~ 1.47 Mpa, 99.6 ~ 213.3 psi)



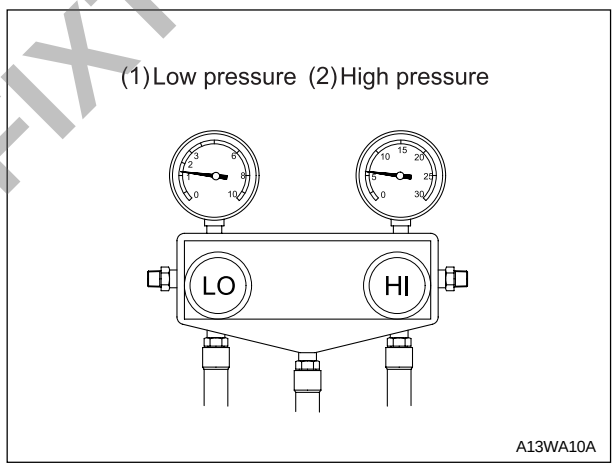
h. Poor Recirculation of refrigerant

1. Status: Nots cool (sometimes cool)
2. Symptoms:
   - The pressure of low pressure side is negative and the pressure of high pressure sidde shows the pressure 5 ~ 6 kgf/cm^2 (0.49 ~ 0.59 Mpa, 71.1 ~ 85.3 psi)
   - Frost or dew forming in the receiver drier or the front/rear pipe connecting section of expansion valve.
3. Cause:
   - The cycle is closed by moisture freezing or dust in cooling cycle.
   - The cycle is blocked due to the poor thermal case of expansion valve.
4. Action:
   - Stop the operation once to check the clogging by moisture or dust.
   - If moisture has been found, perform the vacuuming.
   - Detach the expansion valve and remove the dust by compressed air.
   - Replace the receiver drier.

* REFERENCE

Low pressure side: Vacuum

High pressure side: 6 kgf/cm^2 (0.59 Mpa, 85.3 psi)



PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

PREVIEW ONLY

You're viewing 18 of 382 pages

The full manual includes:

- All 382 pages, complete
- Searchable PDF (find any keyword)
- No watermarks
- Instant download
- Print-ready quality

GET FULL MANUAL NOW

Kioti DK50S, DK55, DK501, DK551 Workshop Manual

Scan or click anywhere
youfixthis.com

Click anywhere on this page to get the full manual