

WSM

WORKSHOP MANUAL

T1880,T2080,T2380

Kubota

TO THE READER

This Workshop Manual has been prepared to provide servicing personnel with information on the mechanism, service and maintenance of KUBOTA T1880, T2080 and T2380. It is divided into two parts, "Mechanism" and "Servicing" for each section.

As for section 1, 2 and 3 of engines and HST, we attach detail manuals as sections of P, Q and R in the end respectively.

Section 1 and P are for the single cylinder engine GH540V of T1880.

Section 1 and Q are for the twin cylinder engines GH710V and GH720V of T2080 and T2380 respectively.

This WSM is revised and issued due to 4 reasons.

1. Engine HP denotation change by SAE J1940.
2. Kohler model change. New 2 kinds of manuals are added.
 - a) For T1880A2* with engine SV541, refer to the manual SV470-SV620 after section P.
 - b) For T2080A2* and T2380A2* with engines KT715 and KT725, refer to the manual KT715-KT745 after section Q.
3. Revision of ANSI safety regulation.
4. The content of supplement T1880A, T2080A, T2380A (9Y121-04961) is added.

Model Name: T1880A, T2080A, T2380A [**Serial No.:** 20001~]

Model Name: T1880A2, T2080A2, T2380A2 [**Serial No.:** 30001~]

■ General

Information on the product identification, the general precautions, maintenance check list, check and maintenance and special tools are described.

■ Mechanism

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

■ Servicing

Information on the troubleshooting, servicing specification lists, tightening torque, checking and adjusting, disassembling and assembling, and servicing which cover procedures, precautions, factory specifications and allowable limits.

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

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

Due to covering many models of this manual, information or picture being used have not been specified as one model.

April 2008

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Record of Revisions

For pdf, use search function {Search word} to find all the revised locations.

Last digit of the Code No.	Issue month	Main Revised Point and Corrective Measures {Search word}	Reference Page
4	2014.07	1. New Kohler manuals are added due to Kohler model change. a) Manual SV470-SV620 b) Manual KT715 and KT725 Design changes of engines for T2080A2, T2380A2. 1) Shape of fan and fan shroud. 2) Oil gauge position 3) Position of connecting port of evaporative hose 2. ANSI change. 1) Front guard added. 2) Muffler tail cover added. 3. Content of supplement T1880A,T2080A,T2380A(9Y121-04961) is added. 4. Engine HP value changed. 5. Correction of Disassembling procedure in FRONT AXLE. We removed the removal procedure of fuel hose.	Section P Section Q 1-S8, S9 and others. 1-S15, S16 8 4-S5
5	2015.11	Revised maintenance interval. {service intervals} Fuel Line Check: 100 hrs or annually → 1 year, Replace: 2 years → 4 years	G-13
6	2016.02	Added Safety Label for ear and eye protection	5



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 attempt 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

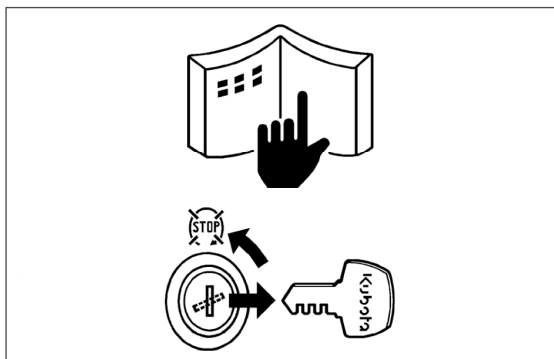
: Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

■ IMPORTANT

: Indicates that equipment or property damage could result if instructions are not followed.

■ NOTE

: Gives helpful information.



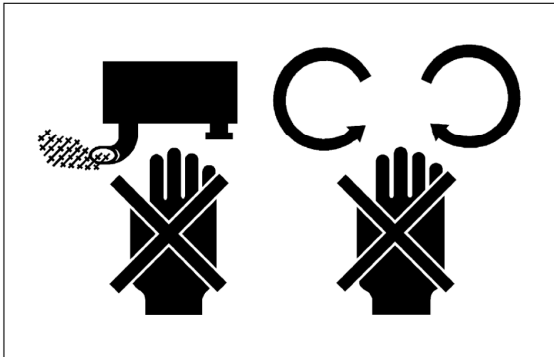
BEFORE SERVICING AND REPAIRING

- 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 firm and level ground, and set the parking brake.
- Lower the implement to the ground.
- Stop the engine, and remove the key.
- Disconnect the battery negative cable.
- Hang a "DO NOT OPERATE" tag in operator station.



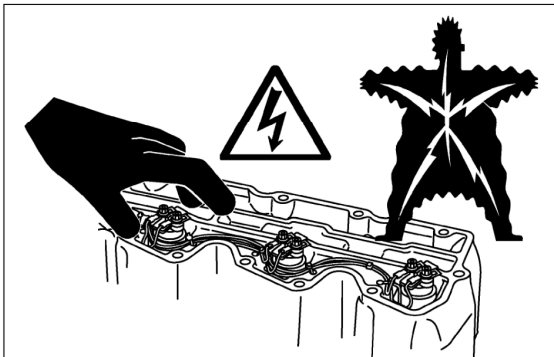
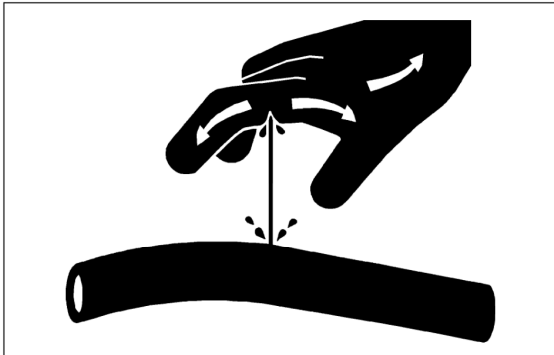
SAFETY STARTING

- Do not start the engine by shorting across starter terminals or bypassing the safety start switch.
- Do not alter or remove any part of machine safety system.
- Before starting the engine, make sure that all shift levers are in neutral positions or in disengaged positions.
- Never start the engine while standing on ground. Start the engine only from operator's seat.



SAFETY WORKING

- Do not work on the machine while under the influence of alcohol, medication, or other substances or while fatigued.
- Wear close fitting clothing and safety equipment appropriate to the job.
- Use tools appropriate to the work. Makeshift tools, parts, and procedures are not recommended.
- When servicing is performed together by two or more persons, take care to perform all work safely.
- Do not work under the machine that is supported solely by a jack. Always support the machine by safety stands.
- Do not touch the rotating or hot parts while the engine is running.
- Never remove the radiator cap while the engine is running, or immediately after stopping. Otherwise, hot water will spout out from radiator. Only remove radiator cap when cool enough to touch with bare hands. Slowly loosen the cap to first stop to relieve pressure before removing completely.
- Escaping fluid (fuel or hydraulic oil) under pressure can penetrate the skin causing serious injury. Relieve pressure before disconnecting hydraulic or fuel lines. Tighten all connections before applying pressure.
- Do not open high-pressure fuel system. High-pressure fluid remaining in fuel lines can cause serious injury. Do not disconnect or attempt repair fuel lines, sensors, or any other components between the high-pressure fuel pump and injectors on engines with high pressure common rail fuel system.
- High voltage exceeding 100 V is generated in the ECU, and is applied to the injector. Pay sufficient caution to electric shock when performing work activities.



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