TO THE READER

This Workshop Manual has been prepared to provide servicing personnel with information on the mechanism, service and maintenance of RTV900. It is divided into three parts, "General", "Mechanism" and "Servicing".

■ 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.
Refer to Diesel Engine Workshop Manual (Code No. 9Y021-01872) for the one which has not been described to this workshop manual.

■ 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.

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January 2004
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.
AVOID FIRES
- Fuel is extremely flammable and explosive under certain conditions. Do not smoke or allow flames or sparks in your working area.
- To avoid sparks from an accidental short circuit, always disconnect the battery negative cable first and connect it last.
- Battery gas can explode. Keep sparks and open flame away from the top of battery, especially when charging the battery.
- Make sure that no fuel has been spilled on the engine.

VENTILATE WORK AREA
- If the engine must be running to do some work, make sure the area is well ventilated. Never run the engine in a closed area. The exhaust gas contains poisonous carbon monoxide.

PREVENT ACID BURNS
- Sulfuric acid in battery electrolyte is poisonous. It is strong enough to burn skin, clothing and cause blindness if splashed into eyes. Keep electrolyte away from eyes, hands and clothing. If you spill electrolyte on yourself, flush with water, and get medical attention immediately.

DISPOSE OF FLUIDS PROPERLY
- Do not pour fluids into the ground, down a drain, or into a stream, pond, or lake. Observe relevant environmental protection regulations when disposing of oil, fuel, coolant, electrolyte and other harmful waste.
PREPARE FOR EMERGENCIES

- Keep a first aid kit and fire extinguisher handy at all times.
- Keep emergency numbers for doctors, ambulance service, hospital and fire department near your telephone.
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 parts number is listed in the parts list.

(1) Part No. K7561-6524-1

⚠️ 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. The vehicle may start in gear and move if normal starting circuitry is bypassed.
2. Start engine only from operator's seat with range shift lever in neutral position and hydraulic outlet off (if equipped).

(2) Part No. K7561-6526-1

⚠️ WARNING ⚠️
TO AVOID PERSONAL INJURY:
1. Do not carry passengers in cargo bed.
2. Do not travel with the cargo bed in the raised position.

(3) Part No. K7561-6541-2

⚠️ WARNING ⚠️
TO AVOID PERSONAL INJURY OR DEATH:
1. Do not remove Roll-Over Protective Structures (ROPS) for any application.
2. Do not modify or repair a ROPS because welding, grinding, drilling or cutting any portion may weaken the structure.

(4) Part No. K7561-6530-2

⚠️ CAUTION ⚠️
TO AVOID PERSONAL INJURY:
Do not operate the vehicle with the front hood open. Impaired visibility of the operator may cause loss of vehicle control. Latch the hood securely before operating the vehicle.

(5) Part No. K7561-6565-2

⚠️ WARNING ⚠️
TO AVOID PERSONAL INJURY:
Always fasten your seat belt.

(6) Part No. K7561-6533-1

⚠️ WARNING ⚠️
TO AVOID PERSONAL INJURY DUE TO LOSS OF STEERING CONTROL:
Do not depress the differential lock pedal at high speed.

3XVAAABCP001A
(1) Part No. K1211-6115-1

![Warning Label](1AYAAAAAP109A)

**WARNING**

TO AVOID PERSONAL INJURY: Always use the safety support or propping rod when working near a raised cargo bed or attachment.

(2) Part No. K1211-6116-1

![Caution Label](180AABARAP108A)

**DANGER/POISON**

- Shield eyes
- Explosive hazards
- Base or caustic chemicals
- No smoking
- No flames
- No sparks
- No open flames
- Sulfuric acid can cause severe burns

(3) Part No. K7561-6544-1

![Caution Label](1AYAAAAAP110A)

(4) Part No. K7561-6550-1

![Caution Label](1AYAAAAAP112A)

(5) Part No. K7561-6551-1

![Caution Label](1AYAAAAAP113A)
CAUTION

TO AVOID PERSONAL INJURY:
1. Read and understand the operator’s manual before operation.
2. Never allow anyone without a valid driver’s license to operate this vehicle.
3. Before allowing others to use the vehicle, have them read the operator’s manual.
4. This vehicle is for off road use only. Never operate on a public road.
5. Wear safety gear, including helmet and eye protection, as appropriate.
6. Check the tightness of all nuts and bolts regularly.

WARNING

TO AVOID PERSONAL INJURY:
Always fasten your seat belt.

WARNING

TO AVOID PERSONAL INJURY:
Always use the safety support or propping rod when working near a raised cargo bed or attachment.

DIESEL ONLY
(1) Part No. K7561-6546-2

**WARNING**

*TO AVOID PERSONAL INJURY:*

1. Use brake fluid (DOT-3) only. Other oil types will ruin synthetic resin or rubber installed in brake system components, and cause brake failure.
2. If brake fluid is spilled on power steering hose, wash off with water immediately. Brake fluid quickly ruins synthetic resin or rubber hoses.

(2) Part No. K7561-6564-1

**CAUTION**

*TO AVOID INJURY FROM CRUSHING:*

1. Do not utilize the lever lock for machine maintenance or repair.
2. The lever lock is to prevent accidental actuation.

(3) Part No. K7561-6553-1 (for steel tank)
Part No. K7561-6563-1 (for resinous tank)

---

**CARE OF DANGER, WARNING AND CAUTION LABELS**

1. Keep danger, warning and caution labels clean and free from obstructing material.
2. Clean danger, warning and caution labels with soap and water, dry with a soft cloth.
3. Replace damaged or missing danger, warning and caution labels with new labels.
4. If a component with danger, warning and caution label(s) affixed is replaced with new part, make sure new label(s) is (are) attached in the same location(s) as the replaced component.
5. Mount new danger, warning and caution labels by applying on a clean dry surface and pressing any bubbles to outside edge.
# SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>General Purpose</th>
<th>Worksite</th>
<th>Turf</th>
<th>Recreational</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maker</td>
<td>KUBOTA</td>
<td>D902-E-UV / D902-E2-UV</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td>Indirect Injection. Vertical, water-cooled, 4-cycle diesel</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Engine
- **Number of cylinders**: 3
- **Bore and stroke**: 72 × 73.6 mm (2.83 × 2.90 in.)
- **Total displacement**: 898 cm³ (54.8 cu.in.)
- **Engine gross power (DIN)**: 16.1 kW (21.6 HP)
- **Rated revolution**: 53.3 r/s [3200 min⁻¹ (rpm)]
- **Maximum torque**: 54.7 N·m (5.6 kgf·m, 40.5 lbf·ft) / 30.0 to 36.7 r/s [1800 to 2200 min⁻¹ (rpm)]
- **Battery**: 12 V, CCA : 535 A, RC : 80 min.
- **Starting system**: Electric starting with cell starter, 12 V, 1.2 kW
- **Lubrication system**: Forced lubrication by trochoidal pump
- **Cooling system**: Pressurized radiator, forced circulation with water pump
- **Fuel**: Diesel fuel No. 2-D [above −10 °C (14 °F)], Diesel fuel No. 1 [below −10 °C (14 °F)]

## Capacities
- **Fuel tank**: 28 L (7.4 U.S.gals, 6.2 Imp.gals)
- **Engine crankcase (with filter)**: 3.1 L (3.3 U.S.qts, 2.7 Imp.qts)
- **Engine coolant (with recovery tank)**: 4.0 L (4.2 U.S.qts, 3.5 Imp.qts)
- **Transmission case**: 10.0 L (2.6 U.S.gals, 2.2 Imp.gals)
- **Front axle case**: 0.6 L (0.63 U.S.qts, 0.52 Imp.qts)
- **Knuckle case**: Ref. 0.1 L (0.10 U.S.qts, 0.09 Imp.qts)
- **Brake fluid (reservoir and lines)**: 0.4 L (0.42 U.S.qts, 0.35 Imp.qts)
- **Hydraulic lift oil (Hydraulic dumping system model)**: 8.0 L (2.1 U.S.gals, 1.8 Imp.gals)
- **Hydraulic lift oil (Hydraulic PTO model)**: 7.0 L (1.8 U.S.gals, 1.5 Imp.gals)
- **Power steering oil**: 5.9 L (1.6 U.S.gals, 1.3 Imp.gals)

## Travelling system
- **Tires**
  - **Front**: 25 × 10 – 12 Knobby, 6PLY
  - **Rear**: 25 × 10 – 12 Knobby, 6PLY
- **Steering**: Hydrostatic power
- **Transmission**: Continuously variable hydro transmission (VHT)
- **Wheels and drive**: 4 wheels, rear 2WD or 4WD
- **Gear selection**: Hi-Med-Lo range, forward, neutral, reverse
- **Differential lock**: Standard; foot operated with mechanical holder
- **Brake**
  - **Front / Rear**: Wet disc type
  - **Parking brake**: Rear wheel, hand lever
- **Turning diameter**: 7.5 m (24.6 feet)

## Suspension
- **Front**: Independent, macpherson strut-type
- **Rear**: Semi-independent, devion axle with leaf springs and shock absorber

**NOTE:** * Manufacture’s estimate

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

W1028103
<table>
<thead>
<tr>
<th>Dimensions</th>
<th>General Purpose</th>
<th>Worksite</th>
<th>Recreational</th>
<th>Recreational</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall length</td>
<td>2990 mm (117.7 in.)</td>
<td></td>
<td>3030 mm (119.3 in.)</td>
<td></td>
</tr>
<tr>
<td>Overall width</td>
<td>1520 mm (59.8 in.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overall height</td>
<td>2015 mm (79.3 in.)</td>
<td>1989 mm (78.3 in.)</td>
<td>2015 mm (79.3 in.)</td>
<td></td>
</tr>
<tr>
<td>Front tread center</td>
<td>1150 mm (45.3 in.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rear tread center</td>
<td>1180 mm (46.5 in.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wheel base</td>
<td>1965 mm (77.4 in.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ground clearance</td>
<td>Front axle 215 mm (8.5 in.)</td>
<td>180 mm (7.5 in.)</td>
<td>215 mm (8.5 in.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rear axle 210 mm (8.3 in.)</td>
<td>185 mm (7.3 in.)</td>
<td>210 mm (8.3 in.)</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>805 kg (1775 lbs)</td>
<td>830 kg (1830 lbs)</td>
<td>850 kg (1874 lbs)</td>
<td>820 kg (1808 lbs)</td>
</tr>
<tr>
<td>Max. rolling weight (Towing capacity)</td>
<td>590 kg (1300 lbs)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Payload capacity</td>
<td>740 kg (1630 lbs)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cargo bed</td>
<td>Width 1320 mm (52.0 in.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Length 1180 mm (46.7 in.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Depth 290 mm (11.4 in.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Volume 0.455 m³ (16 cu.ft.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bed height (unload) 800 mm (31.5 in.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cargo bed load 500 kg (1102 lbs)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sound level (operator ear)</td>
<td>87 db (A)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Front deluxe guard</td>
<td>–</td>
<td>Standard</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Body color</td>
<td>Orange</td>
<td>Camo</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bed lift</td>
<td>–</td>
<td>Standard</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Auxiliary control valve</td>
<td>–</td>
<td>Standard</td>
<td></td>
<td>–</td>
</tr>
<tr>
<td>Speedometer</td>
<td>–</td>
<td>Standard</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOTE: * Manufacture’s estimate
The company reserves the right to change the specifications without notice.
# TRAVELLING SPEEDS

<table>
<thead>
<tr>
<th>Model</th>
<th>General Purpose</th>
<th>Worksite</th>
<th>Turf</th>
<th>Recreational</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tire size (Rear)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Range gear shift lever</td>
<td>km/h (mph)</td>
<td>km/h (mph)</td>
<td>km/h (mph)</td>
<td>km/h (mph)</td>
</tr>
<tr>
<td>Low</td>
<td>16 (10)</td>
<td>16 (10)</td>
<td>14 (8)</td>
<td>16 (10)</td>
</tr>
<tr>
<td>Medium</td>
<td>29 (18)</td>
<td>29 (18)</td>
<td>26 (16)</td>
<td>29 (18)</td>
</tr>
<tr>
<td>High</td>
<td>40 (25)</td>
<td>40 (25)</td>
<td>36 (22)</td>
<td>40 (25)</td>
</tr>
<tr>
<td>Reverse</td>
<td>24 (15)</td>
<td>24 (15)</td>
<td>21 (13)</td>
<td>24 (15)</td>
</tr>
</tbody>
</table>

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

General Purpose: 2990 (117.7)
Worksit, Turf, Recreational: 3030 (119.3)

Unit: mm (in.)

1520 (60.8)
1150 (45.3)
1180 (46.5)

1965 (77.4)

3XVAAABFP001A
GENERAL
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1. PRODUCT IDENTIFICATION

When contacting your local KUBOTA distributor, always specify engine serial number, product serial number and hour meter reading.

(1) Vehicle Identification Plate
(2) Product Identification Number
(3) Engine Serial Number
D902-E-UV : up to 4Z9999
D902-E2-UV : from 5A0001
(4) Transmission Assembly Serial Number

W1011386
2. GENERAL PRECAUTIONS

- During disassembly, carefully arrange removed parts in a clean area to prevent confusion later. Screws, bolts and nuts should be installed in their original position to prevent reassembly errors.
- When special tools are required, use KUBOTA genuine special tools. Special tools which are not frequently used should be made according to the drawings provided.
- Before disassembling or servicing electrical wires, always disconnect the ground cable from the battery first.
- Remove oil and dirt from parts before measuring.
- Use only KUBOTA genuine parts for parts replacement to maintain machine performance and to assure safety.
- Gaskets and O-rings must be replaced during reassembly. Apply grease to new O-rings or oil seals before assembling. See the figure left side.
- When reassembling external snap rings or internal snap rings, they must be positioned so that sharp edge faces against the direction from which a force is applied. See the figure left side.
- When inserting spring pins, their splits must face the direction from which a force is applied. See the figure left side.
- To prevent damage to the hydraulic system, use only specified fluid or equivalent.

(1) Grease  (A) External Snap Ring
(2) Force  (B) Internal Snap Ring
(3) Sharp Edge
(4) Axial Force
(5) Rotating Movement
3. HANDLING PRECAUTIONS FOR ELECTRICAL PARTS AND WIRING

To ensure safety and prevent damage to the machine and surrounding equipment, heed the following precautions in handling electrical parts and wiring.

- **IMPORTANT**
  - Check electrical wiring for damage and loosened connection every year. To this end, educate the customer to do his or her own check and at the same time recommend the dealer to perform periodic check for a fee.
  - Do not attempt to modify or remodel any electrical parts and wiring.
  - When removing the battery cables, disconnect the negative cable first. When installing the battery cables, connect the positive cable first.

1. **WIRING**

   - Securely tighten wiring terminals.
     - (1) Correct
     - (2) Incorrect
     - (Securly Tighten)
     - (Loosening Leads to Faulty Contact)

   - Do not let wiring contact dangerous part.
     - (1) Dangerous Part
     - (2) Wiring (Incorrect)
     - (3) Wiring (Correct)
     - (4) Dangerous Part

   - Securely insert grommet.
     - (1) Grommet
     - (A) Correct
     - (B) Incorrect
• Securely clamp, being careful not to damage wiring.
  (1) Clamp
  • Wind Clamp Spirally
  (2) Wire Harness
  (3) Clamp
  (4) Welding Dent

W10114580

• Clamp wiring so that there is no twist, unnecessary sag, or excessive tension, except for movable part, where sag be required.
  (1) Wiring
  (2) Clamp
  (A) Correct
  (B) Incorrect

W10115870

• In installing a part, take care not to get wiring caught by it.
  (1) Wiring
  (A) Incorrect

W10116700

• After installing wiring, check protection of terminals and clamped condition of wiring, only connect battery.
  (1) Cover
  • Securely Install Cover

W10117350
[2] BATTERY

- Take care not to confuse positive and negative terminal posts.
- When removing battery cables, disconnect negative cable first. When installing battery cables, check for polarity and connect positive cable first.
- Do not install any battery with capacity other than is specified (Ah).
- After connecting cables to battery terminal posts, apply high temperature grease to them and securely install terminal covers on them.
- Do not allow dirt and dust to collect on battery.

⚠️ CAUTION

- Take care not to let battery liquid spill on your skin and clothes. If contaminated, wash it off with water immediately.
- Before recharging the battery, remove it from the machine.
- Before recharging, remove cell caps.
- Do not recharge in a well-ventilated place where there is no open flame nearby, as hydrogen gas and oxygen are formed.

[3] FUSE

- Use fuses with specified capacity. Neither too large or small capacity fuse is acceptable.
- Never use steel or copper wire in place of fuse.
- Do not install working light, radio set, etc. on machine which is not provided with reserve power supply.
- Do not install accessories if fuse capacity of reserve power supply is exceeded.

(A) Push

[4] CONNECTOR

- For connector with lock, push lock to separate.

(A) Push
- In separating connectors, do not pull wire harnesses.
- Hold connector bodies to separate.

(A) Correct  (B) Incorrect

W10122720

- Use sandpaper to remove rust from terminals.
- Repair deformed terminal. Make certain there is no terminal being exposed or displaced.

(1) Exposed Terminal  (2) Deformed Terminal  (3) Sandpaper  (4) Rust

W1012346

- Make certain that there is no female connector being too open.

(A) Correct  (B) Incorrect

W1012430

- Make certain plastic cover is large enough to cover whole connector.

(A) Correct  (B) Incorrect

W1012519
[5] HANDLING OF CIRCUIT TESTER

- Use tester correctly following manual provided with tester.
- Check for polarity and range.

W1012684
### 4. LUBRICANTS, FUEL AND COOLANT

<table>
<thead>
<tr>
<th>No.</th>
<th>Place</th>
<th>Capacity</th>
<th>Lubricants, fuel and coolant</th>
</tr>
</thead>
</table>
| 1   | Fuel tank | 28.0 L  
7.4 U.S.gals  
6.2 Imp.gals | No. 2-D diesel fuel  
No. 1-D diesel fuel if temperature is below –10 °C (14 °F) |
| 2   | Cooling system with recovery tank | 4.0 L  
4.2 U.S.qts  
3.5 Imp.qts | Fresh clean water with anti-freeze |
| 3   | Engine crankcase with oil filter | (Oil filter exchanged)  
3.1 L  
3.3 U.S.qts  
2.7 Imp.qts  
(Oil filter non-exchanged)  
2.7 L  
2.9 U.S.qts  
2.4 Imp.qts | Engine oil: API Service CC, CD or CF  
Below 0 °C (32 °F): SAE10W, 10W-30 or 10W-40  
0 to 25 °C (32 to 77 °F): SAE20, 10W-30 or 10W-40  
Above 25 °C (77 °F): SAE30, 10W-30 or 10W-40 |
| 4   | Transmission case | 10.0 L  
2.6 U.S.qts  
2.2 Imp.qts | KUBOTA UDT or SUPER UDT fluid* |
| 5   | Front axle case | 0.6 L  
0.63 U.S.qts  
0.52 Imp.qts | KUBOTA UDT or SUPER UDT fluid* |
| 6   | Knuckle case | Ref. 0.15 L  
0.16 U.S.qts  
0.13 Imp.qts | KUBOTA UDT or SUPER UDT fluid* |
| 7   | Brake fluid (reservoir and lines) | 0.4 L  
0.42 U.S.qts  
0.35 Imp.qts | KUBOTA DOT3 GENUINE BRAKE FLUID |
| 8   | Hydraulic lift oil (Hydraulic dumping system model) | 8.0 L  
2.1 U.S.gals  
1.8 Imp.gals | KUBOTA UDT or SUPER UDT fluid* |
|     | Hydraulic lift oil (Hydraulic PTO model) | 7.0 L  
1.8 U.S.gals  
1.5 Imp.gals | |
| 9   | Power steering oil | 5.9 L  
1.6 U.S.gals  
1.3 Imp.gals | |

* KUBOTA original transmission hydraulic fluid.
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