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KUBOTA Corporation

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RTV500

OPERATOR'S MANUAL

KUBOTA
UTILITY VEHICLE

RTV500



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READ AND SAVE THIS MANUAL

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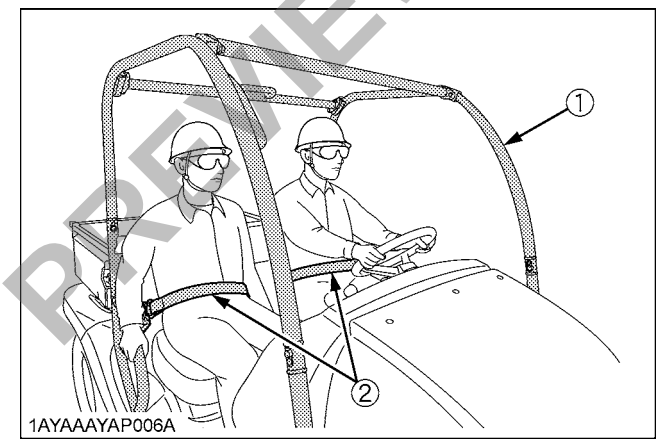
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SAFE OPERATION

Careful operation is your best insurance against an accident.
Read and understand this Operator's Manual carefully before operating the vehicle.
All operators, no matter how much experience they may have, should read this and other related manuals before operating the vehicle or any implement attached to it. It is the owner's obligation to instruct all operators in safe operation.

1. BEFORE OPERATING THE VEHICLE

1. Know your equipment and its limitations. Read this entire manual before attempting to start and operate the vehicle.
2. Pay special attention to the Danger, Warning and Caution labels on the vehicle.
3. Do not remove Roll-Over Protective Structures (ROPS) for any application and fasten seat belts at all times. This combination will reduce the risk of serious injury or death, should the vehicle be upset.
   If the ROPS is loosened or removed for any reason, make sure that all parts are reinstalled correctly before operating the vehicle.
   Never modify or repair a ROPS because welding, bending, drilling, grinding, or cutting may weaken the structure.
   A damaged ROPS structure must be replaced, not repaired or revised.
   If any structural member of the ROPS is damaged, replace the entire structure at your local KUBOTA Dealer.



(1) ROPS
(2) Seat belt

4. Always use the seat belts. Check the seat belts regularly and replace if frayed or damaged.
5. Do not operate the vehicle or any implement attached to it while under the influence of alcohol, medication, controlled substances or while fatigued.
6. Carefully check the vicinity before operating the vehicle or any implement attached to it. Check for overhead clearance which may interfere with the CAB or ROPS. Do not allow any bystanders around or near the vehicle during operation.
7. Never allow anyone without a valid driver's license to operate this vehicle.
8. Before allowing other people to use your vehicle, explain how to operate and have them read this manual before operation.
9. Never wear loose, torn, or bulky clothing around the vehicle. It may catch on moving parts or controls, leading to the risk of an accident. Use additional safety items, e.g. helmet, safety boots or shoes, eye and hearing protection, gloves, etc., as appropriate or required.
10. This vehicle is for off road use only.
    KUBOTA does not recommend operating on public roads.
11. In addition to the driver, only one passenger should ride in the vehicle.
    Minimum age for passenger is 5 years old.
12. Keep all shields in place and stay away from all moving parts.
13. Check brakes, speed control pedal, and other mechanical parts for improper adjustment and wear.
    Replace worn or damaged parts promptly. Check the tightness of all nuts and bolts regularly. (For further details, see "MAINTENANCE" section.)
14. Keep your vehicle clean. Dirt, grease, and trash build up may contribute to fires and lead to personal injury.
15. Use only implements meeting the specifications listed under "VEHICLE LIMITATIONS" in this manual or implements approved by KUBOTA.
16. The maximum cargo capacity of this vehicle is 200kg. Reduce cargo capacity to match operating conditions. Do not carry anything which raises the center-of-gravity and sticks outside the cargo bed.
17. Do not modify the vehicle. Unauthorized modification may affect the function of the vehicle, which may result in personal injury.

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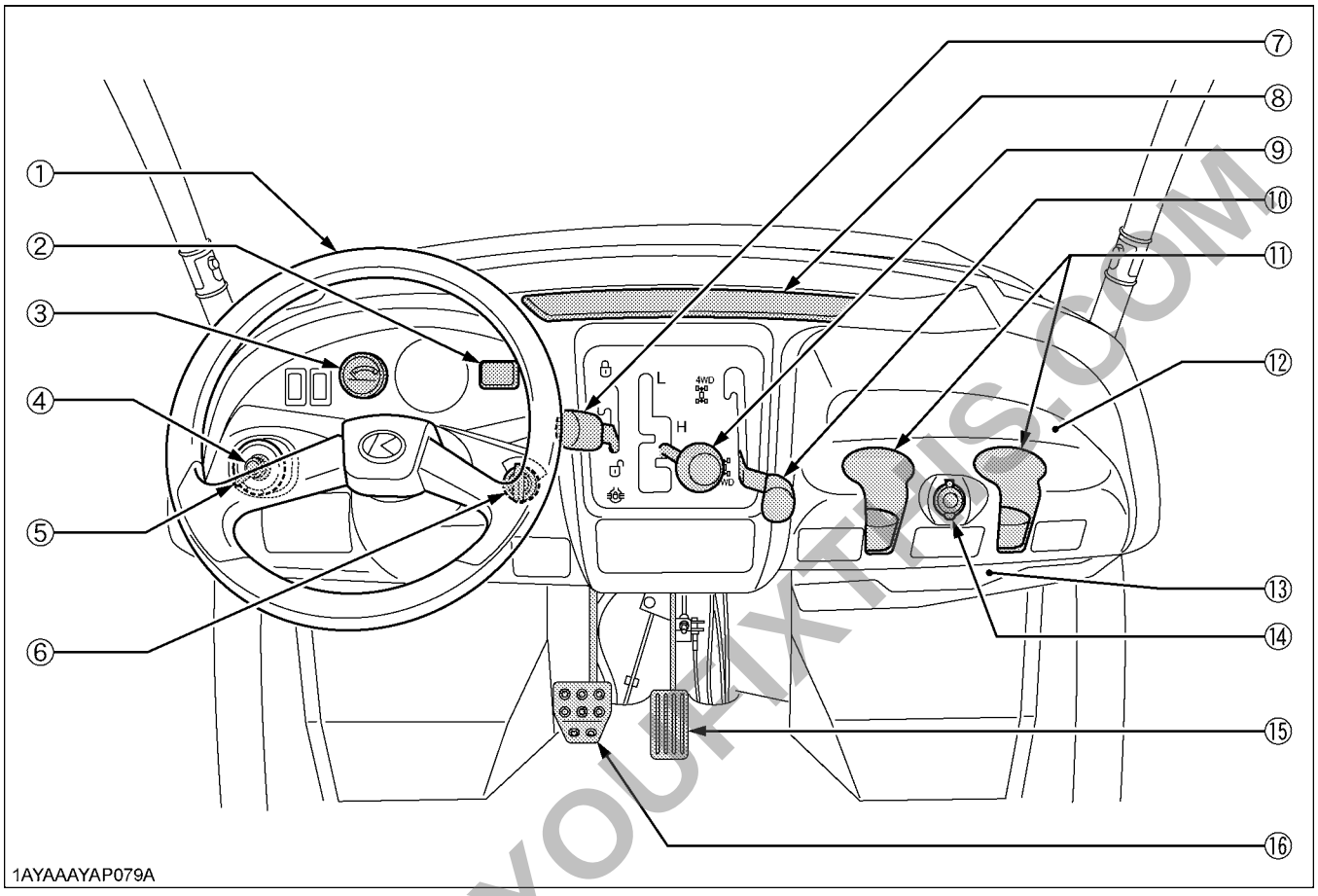
SPECIFICATIONS

SPECIFICATION TABLE

Model			RTV500
Engine	Make		KUBOTA GZ460F-E3-UV
	Type		2 cylinders, 4-cycle, Gasoline, OHV
	Displacement	L (cu. in.)	0.456 (27.8)
	Horsepower	kW (HP) / rpm	11.8 (15.8) / 3600
Fuel Capacity		L (U.S.gals)	20 (5.3)
Transmission			Continuously variable hydro transmission (VHT)
Wheels, Drive system			4, Rear 2WD or 4WD
Differential lock			Standard; hand operated with mechanical holder
Gear selection			Hi-Lo range forward, neutral, reverse
Brakes	Front / Rear		Dry disk brake
	Parking brake		Rear wheel, hand lever
Steering			Rack & Pinion
Suspension	Front		Independent, MacPherson strut-type
	Rear		Semi-independent, Multi-link
Dimensions	Length	mm (in.)	2690 (105.9)
	Width	mm (in.)	1390 (54.7)
	Height, overall	mm (in.)	1829 (72)
	Front tread centers	mm (in.)	1016 (40)
	Rear tread centers	mm (in.)	1041 (41)
	Wheelbase	mm (in.)	1800 (70.9)
	Ground clearance front axle	mm (in.)	205 (8.1)
	Ground clearance rear axle	mm (in.)	175 (6.9)
	Turning diameter	m (ft)	7 (22.9)
Max. rolling weight (Towing Capacity)		kg (lbs.)	Rear: 500 (1102) / Front: 250 (551)
Payload capacity		kg (lbs.)	430 (949)
Weight		kg (lbs.)	615 (1358) with ATV Tires / 620 (1369) with HDWS Tires

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OPERATING THE ENGINE

CAUTION

To avoid personal injury:

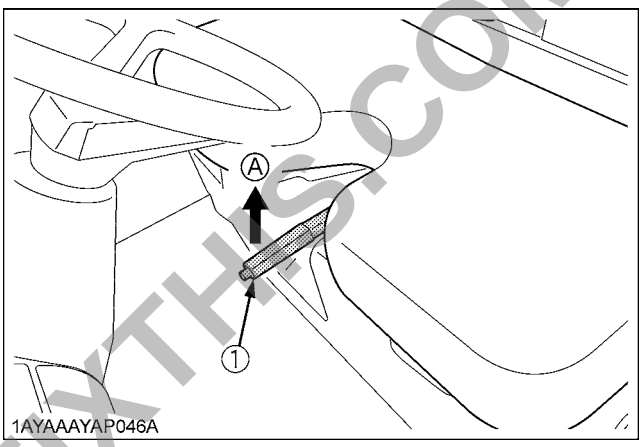
- **Read "SAFE OPERATION" in the front of this manual.**
- **Read the danger, warning and caution labels located on the vehicle.**
- **To avoid the danger of exhaust fume poisoning, do not operate the engine in a closed building without proper ventilation.**
- **Never start engine while standing on ground. Start engine only at the operator's seat.**
- **Make it a rule to set the range gear shift lever to the "NEUTRAL" position.**

IMPORTANT :

- Do not use starting fluid to aid engine starting.
- To protect the battery and the starter, make sure that the starter is not continuously turned for more than 10 seconds.
  If the engine dose not start, allow 60-second cool down period between start attempts.

STARTING THE ENGINE

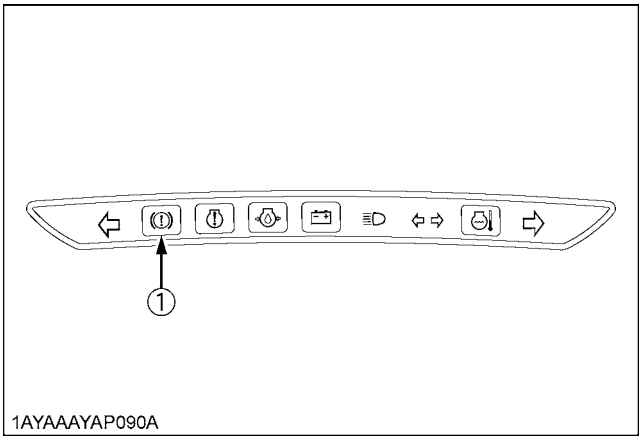
1. Make sure the parking brake is applied.



(1) Parking brake lever *(A) Pull to "PARK"*

NOTE :

- The brake indicator light comes on while parking brake is applied and goes off when it is released.



(1) Brake indicator light

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PRE-OPERATION CHECK

DAILY CHECK

To prevent trouble from occurring, it is important to know the condition of the vehicle well. Check it before starting.

CAUTION

To avoid personal injury:

- **Be sure to check and service the vehicle on a level surface with the engine shut off and the parking brake "ON" and implement lowered to the ground if equipped.**

Check item

- Walk around inspection
- Check engine oil level
- Check transmission fluid level
- Check brake fluid level
- Check engine cooling fan
  [For those of the engine serial number 8U0086 or later, check the fan operation.]
- Check coolant level
- Clean radiator screen
  (When used in a dusty place)
- Check brake
- Check parking brake
- Check indicators, gauges and meters
- Check lights
- Check seat belt and ROPS
- Check front and drive joint boots
- Check tire inflation pressure
- Refuel

(See "DAILY CHECK" in "PERIODIC SERVICE" section.)

- Care of danger, warning and caution labels
  (See "DANGER, WARNING AND CAUTION LABELS" in "SAFE OPERATION" section.)

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TOWING AND TRANSPORTING

TOWING AND TRANSPORTING

■Rear Trailer Hitch

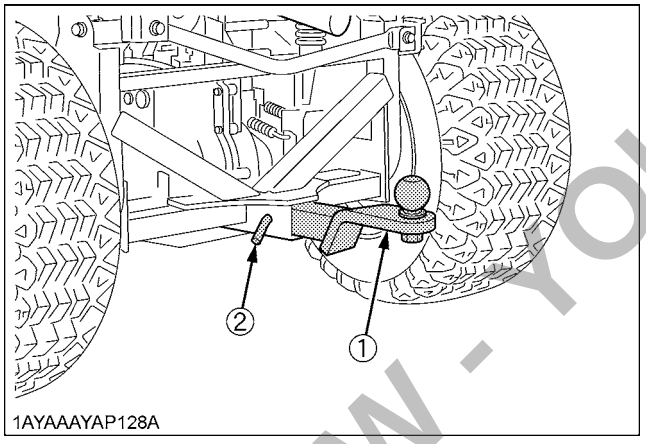
[if equipped]

WARNING

To avoid personal injury:

- **Always tow a load slowly enough to maintain control and avoid tipping.**
- **To provide adequate braking ability and traction, do not tow a load unless vehicle cargo bed is loaded or attachment is installed.**
- **Attach a trailer to the trailer hitch only.**

The rear trailer hitch load is listed in the "VEHICLE LIMITATIONS" section. When towing other equipment, use a safety chain.



(1) Rear trailer hitch (if equipped)
(2) Hitch pin (if equipped)

■Front Trailer Hitch

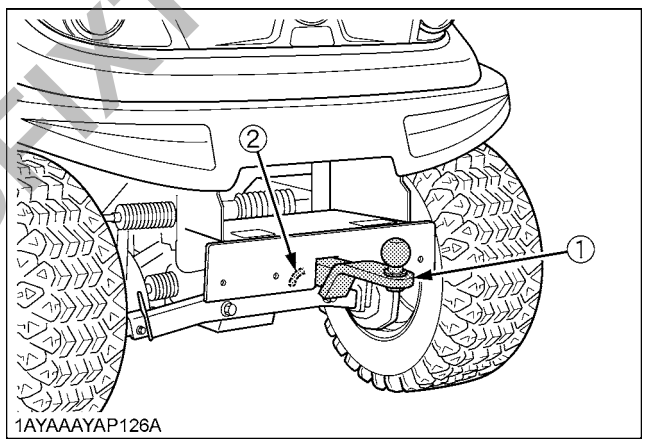
[if equipped]

WARNING

To avoid personal injury:

- **Do not tow this vehicle unless all the functions of the vehicle are properly working, since the malfunction of steering operation or braking may cause an accident.**

Use the front trailer hitch for greater maneuverability in confined areas such as a barn.
The front trailer hitch load is listed in the "VEHICLE LIMITATIONS" section.



(1) Front trailer hitch (if equipped)
(2) Hitch pin (if equipped)

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