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⚠ SAFE OPERATION

Careful operation is your best insurance against an accident.

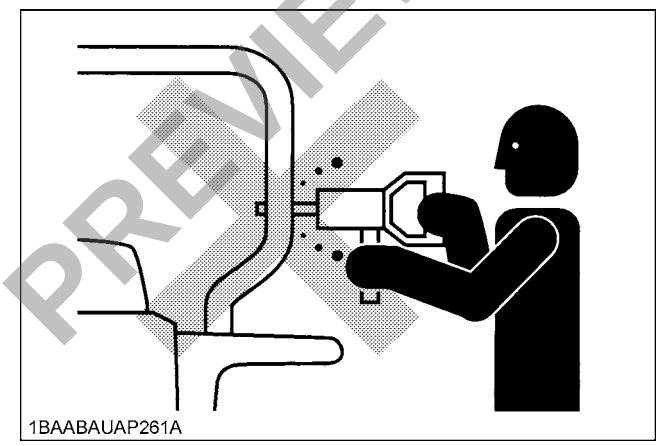
Read and understand this section carefully, before operating the machine.

Every user, however experienced, should carefully read and understand this section and those of the attachments and accessories before taking the machine into operation. The owner is obliged to inform the operators of these instructions in detail.

Keep this manual in the storage place. (See "Where to keep Operator's Manual" in "MAINTENANCE" section.)

1. BEFORE OPERATION

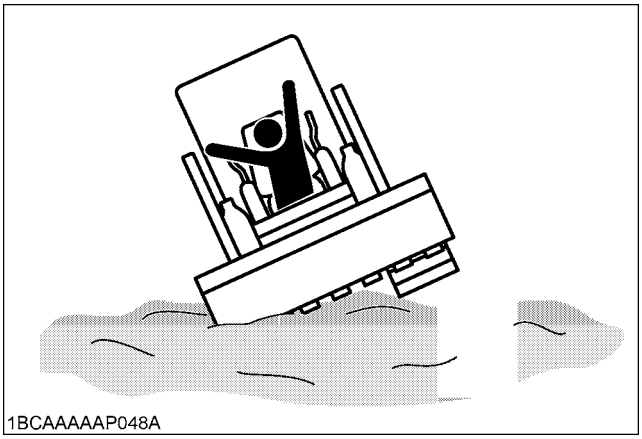
1. Know your equipment and its limitations. Read and understand this entire manual before attempting to start and operate the machine.
2. Obey the danger, warning and caution labels on the machine.
3. For your safety, a ROPS/FOPS (Roll-Over Protective Structure/Falling Objects Protective Structure) with a seat belt is installed by KUBOTA. Always use the seat belt when the machine is equipped with the ROPS/FOPS as this combination will reduce the risk of personal injury or death, should the machine be upset. Do not modify structural members of ROPS by welding, drilling, bending, grinding or cutting, as this may weaken the structure. If any component is damaged, replace it. Do not attempt repairs. If the ROPS is loosened or removed for any reason, make sure all parts are reinstalled correctly. Tighten mounting bolts to proper torque.


1BAABAUAP261A

4. The ROPS/FOPS structure complies with ISO 3471, ISO 3449 and OSHA regulations.
5. The seat belt must be inspected regularly and replaced if frayed or damaged.


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6. Always sit in the operator's seat when starting the engine or operating the levers or controls.
7. Do not operate the machine while under the influence of alcohol, medication, controlled substances or while fatigued.
8. Check the surrounding area carefully before using the machine or when attachments are being connected. To avoid any danger of electrocution, never operate the machine near power lines before confirming the power is off and all local and national safety regulations. Never approach a machine or load that is contacting a power source such as power lines. Electrocution can occur by coming into contact with a machine that is near power lines.
9. Check for buried pipes and cables before digging.
10. Check for hidden holes, obstacles, soft underground, and overhangs. Do not enter soft ground.
    - During machine use, do not allow any persons within the working range.


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TECHNICAL DATA

			KUBOTA CTL (Compact Track Loader)	
Model name			SVL75	
Type			Open Cab	Closed Cab
Operating weight (including operator's weight) kg			4100	4225
Engine	Type		Water cooled 4 cycle diesel engine with 4 cylinder EPA Interim Tier 4	
	Model name		KUBOTA V3307DI-TE3	
	Total displacement cc		3331	
	Engine power	SAE J1995 gross kW	55.4	
		SAE J1349 net kW	51.3	
	Rated speed rpm		2400	
	Low idling speed rpm		1150	
Performance	Rated operating capacity kg		1043	
	Tipping load kg		2980	
	Breakout force	Bucket kg	2814	
		Lift arm kg	2162	
	Travel speed	Fast km/h	11.5	
		Slow km/h	7.5	
	Ground pressure (With operator)		Standard track	Wide track
	kPa (kgf/cm²)		39.2 (0.40)	33.0 (0.34)
Battery capacity			12V RC: 1600 min, CCA 900A	
Pressure connection for attachments	Max.displacement (Theoretical) L/min		65.8	
	Max. pressure Mpa (kgf/cm²)		22.0 (224)	
Fuel tank capacity L			93	

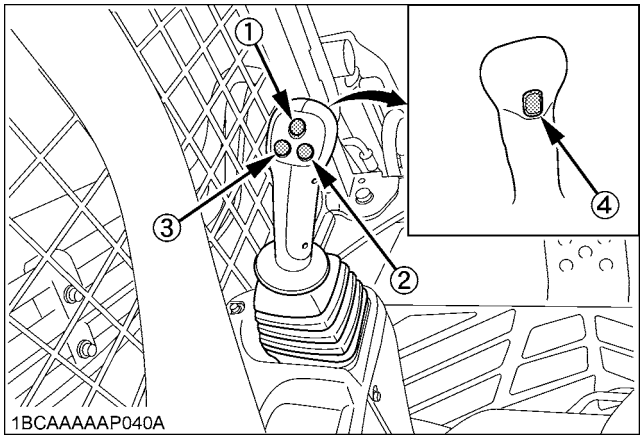
NOTE :
- Specifications subject to change without notice.

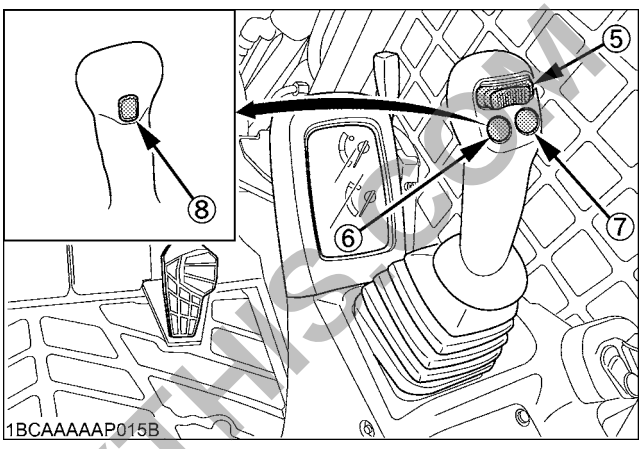
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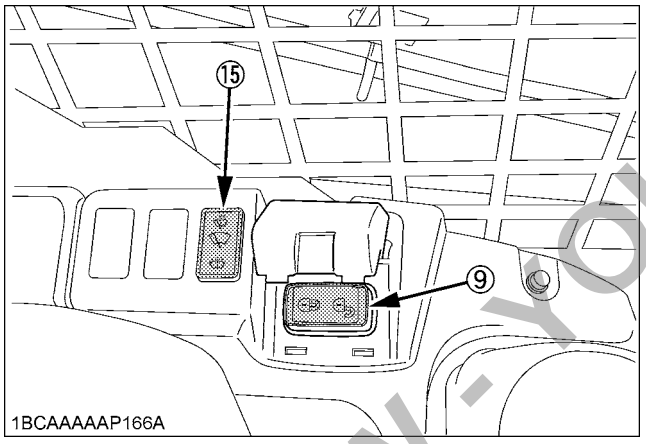
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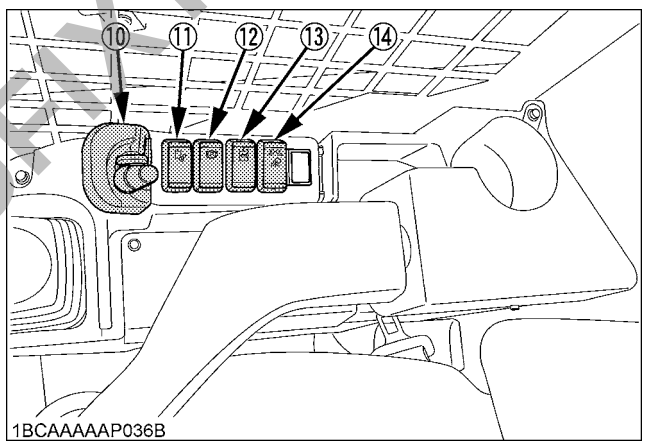
INSTRUMENT PANEL AND CONTROL ELEMENTS

■ Switch







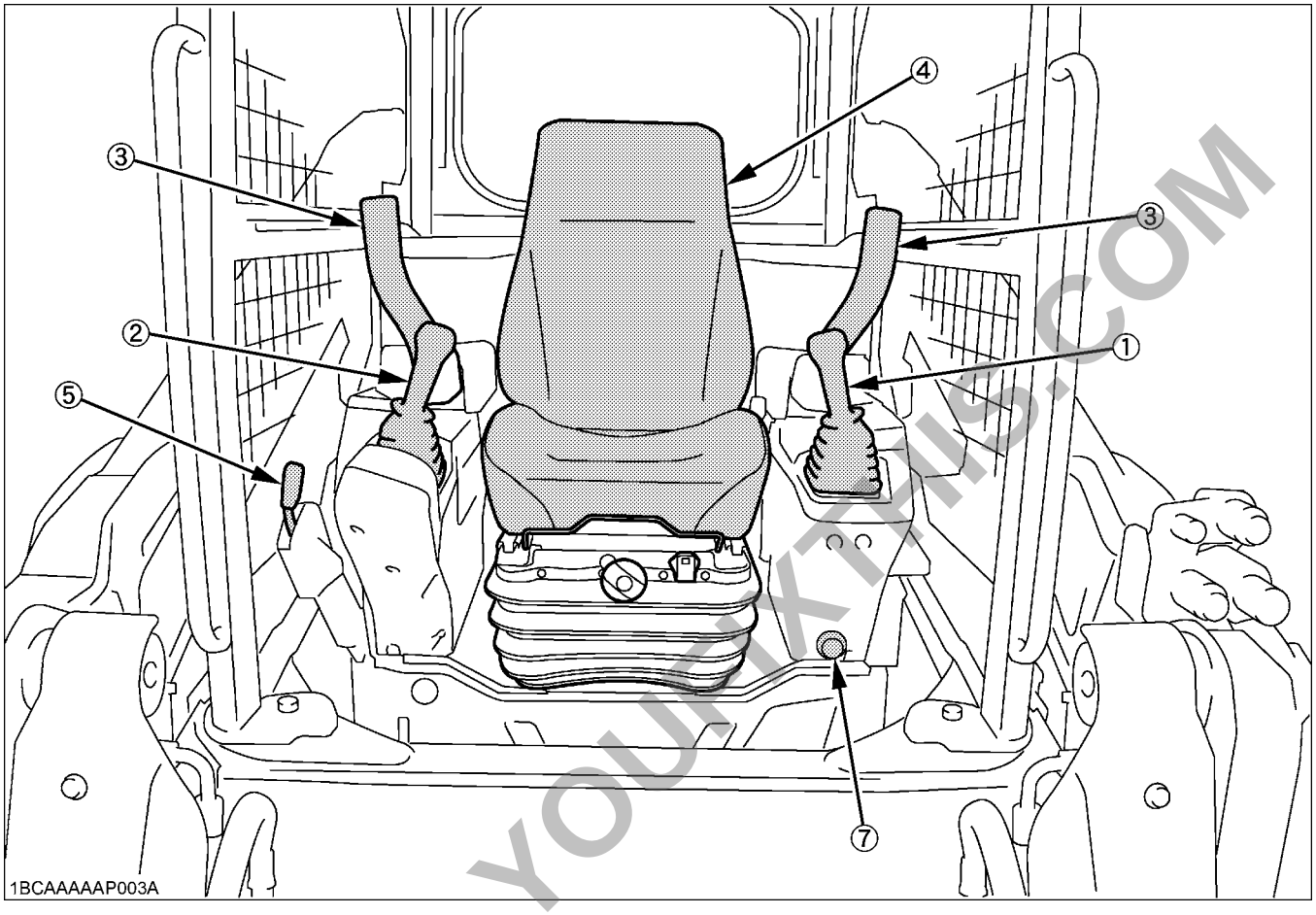


DEPICTED CONTENTS
(1) Horn Switch
(2) AUX electrical control switch (Right)
(3) AUX electrical control switch (Left)
(4) Travel speed switch
(5) AUX port variable switch
(6) AUX hold switch (Left)
(7) AUX hold switch (Right)
(8) Float Switch
(9) Hydraulic quick-hitch switch (Hydraulic quick-hitch model only)
(10) Starter switch
(11) Hydraulic unlock switch
(12) Parking brake switch
(13) AUX port switch
(14) Working light switch
(15) Wiper / washer switch (Closed cab model)

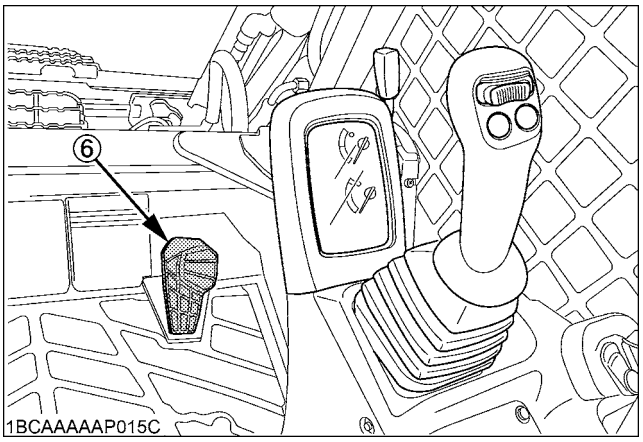
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■ Control Pedals, Levers and Electrical Outlet



DEPICTED CONTENTS
(1) Left control (traveling) lever
(2) Right control (front operating) lever
(3) Armrest
(4) Seat
(5) Accelerator lever
(6) Accelerator pedal
(7) Electrical outlet



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CHECKING THE LAMPS AND INDICATORS

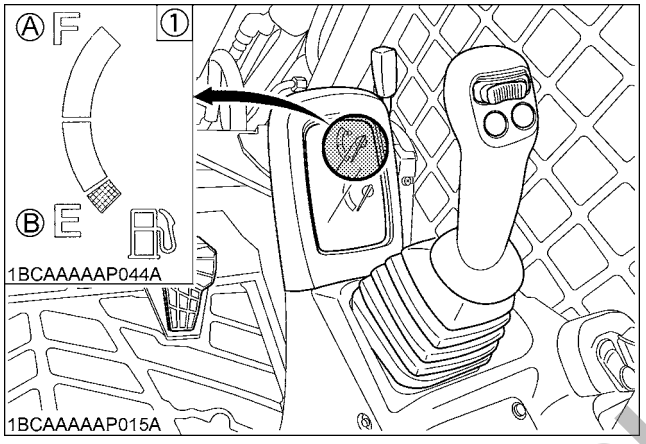
■Fuel Gauge Indicator

CAUTION

To avoid personal injury:

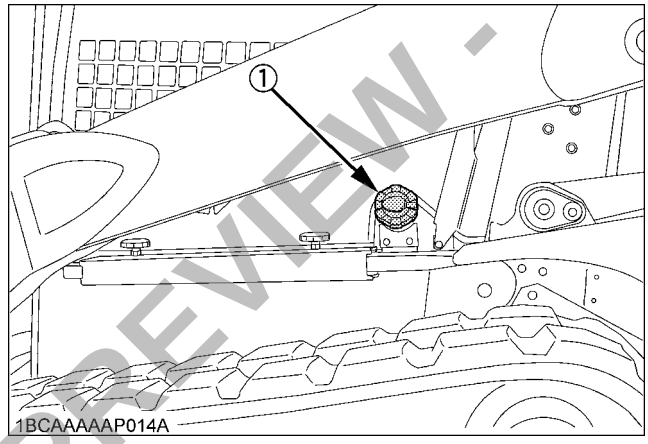
- **Before adding fuel, be sure to stop the engine.**
- **Be sure to keep open flame away from the machine. Otherwise a fire may result.**

With the starter key at the "RUN" position, the fuel remaining in the fuel tank is indicated in the indicator.



(1) Fuel gauge indicator (A) "FULL" (B) "EMPTY"

If the fuel runs short, open the cap and refuel the tank.



(1) Cap

IMPORTANT :

- If the fuel gauge indicator is near the **"E"**, add fuel as soon as possible. If the indicator is near **"E"** and the machine runs on a slope, the engine may run out of fuel and get interrupted.

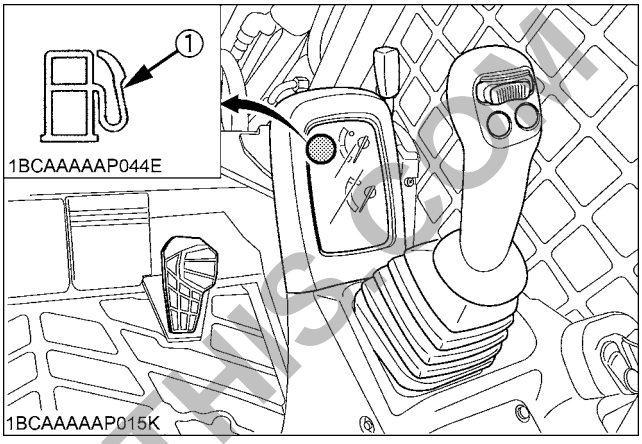
NOTE :

- To open the fuel cap, keep the starter key inserted.

■Remaining Fuel Warning Lamp

If the fuel in the tank goes below the prescribed level, the warning lamp will flash.

If this should happen during operation, refuel as soon as possible.



(1) Remaining fuel warning lamp

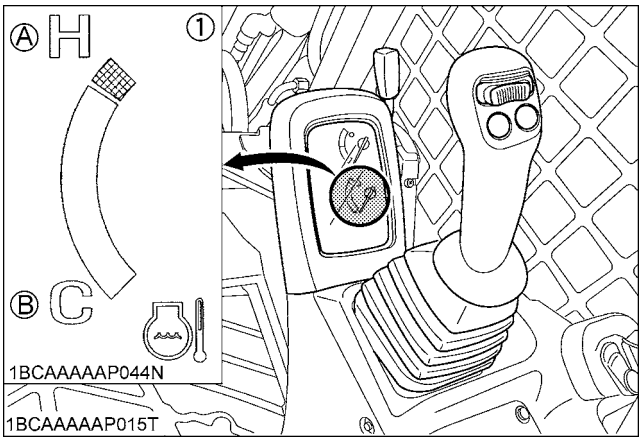
■Coolant Temperature Gauge

CAUTION

To avoid personal injury:

- **Do not open the radiator cap during or just after operation. Hot water may gush out and scald you. Wait for the water to cool down before opening the cap.**

With the starter key at the "RUN" position, the coolant temperature is indicated.



(1) Coolant temperature gauge (A) "HOT" (B) "COOL"

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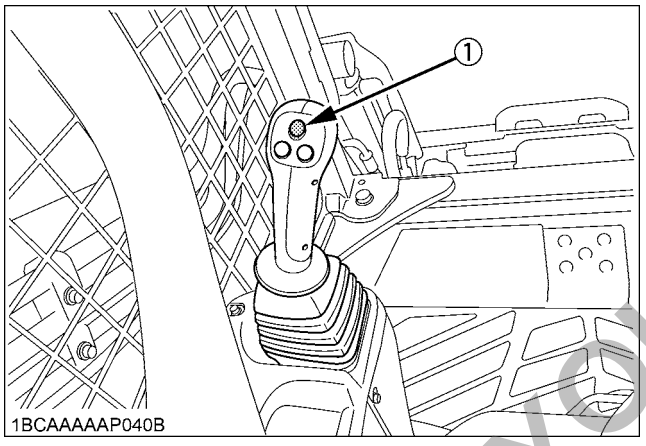
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OPERATION OF THE ENGINE

CAUTION

To avoid personal injury:

- **To avoid the danger of exhaust fume poisoning, do not operate the machine in a closed building without proper ventilation.**
- **Always start the engine from the operator's seat. Do not start the engine while standing next to the machine. Before starting the engine, sound the horn to get the attention of persons standing nearby.**



(1) Horn switch

IMPORTANT :

- Do not use starting fluid or ether.
- In order not to overload the battery and starter, avoid start-ups of more than 10 sec.
- When engine does not start in 10 sec., please wait 20 sec. or more, before attempting to restart.

STARTING THE ENGINE

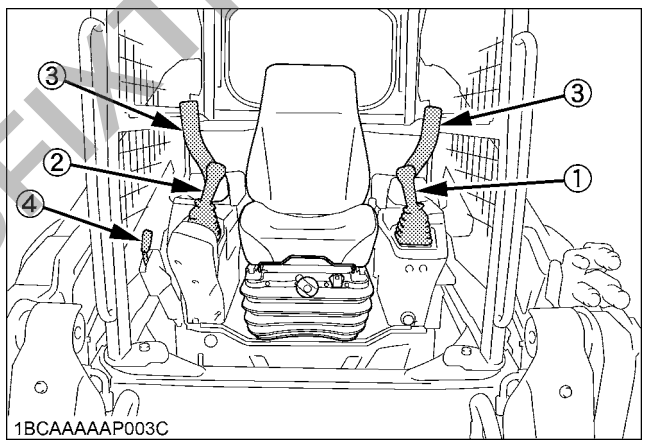
CAUTION

To avoid personal injury:

- **The operator should not depend solely on the warning lamps, but should always conduct the routine checks section (see "MAINTENANCE" section).**

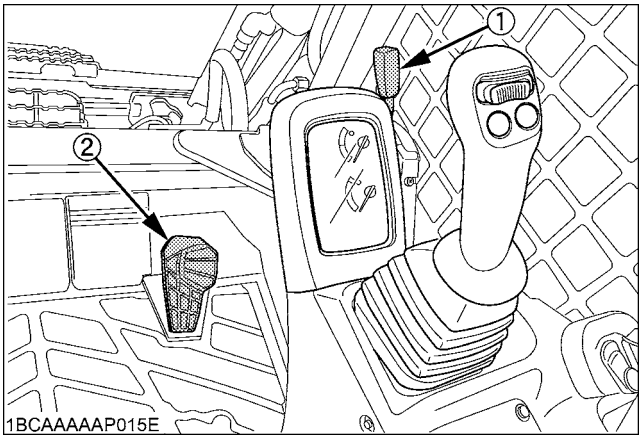
Start the engine in the following manner:

1. Before starting the engine, make sure that the armrests are in the "Raised" position and the control levers are in their neutral position and the seat belt is fastened correctly.



(1) Left control (traveling) lever
(2) Right (front operating) lever
(3) Armrest
(4) Accelerator lever

2. Set the accelerator lever 1/2 way forward and keep the accelerator pedal free.



(1) Accelerator lever
(2) Accelerator pedal

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OPERATION OF THE MACHINE

RUNNING-IN OF THE MACHINE

The operation and care of the new machine influences its life span. Your new machine has been carefully checked and tested before leaving the factory. In spite of this, all movable components must run-in during the first 50 work hours. Do not work with full rpm's and full loads during this period. It is most important to run-in your machine properly in order to achieve its full performance and longevity. During the running-in, the following points should be adhered to in all cases.

■Do not Work with Full Engine Rpm's or Full Loads during the First 50 Working Hours

- Let the engine warm up sufficiently in the cold season.
- Do not let the engine rev-up more than necessary.

■Oil Change in the Run-in Stage

The lubrication oil plays a specific and important role during the run-in phase of the machine. The numerous movable parts are not yet run-in, so many fine metal particles can be generated and may cause damage and shorten the life of many components. Pay attention to the oil-change intervals and complete them sooner than later. See "REGULAR CHECKS AND MAINTENANCE WORK" section for more details on the oil-change intervals.

STARTING

WARNING

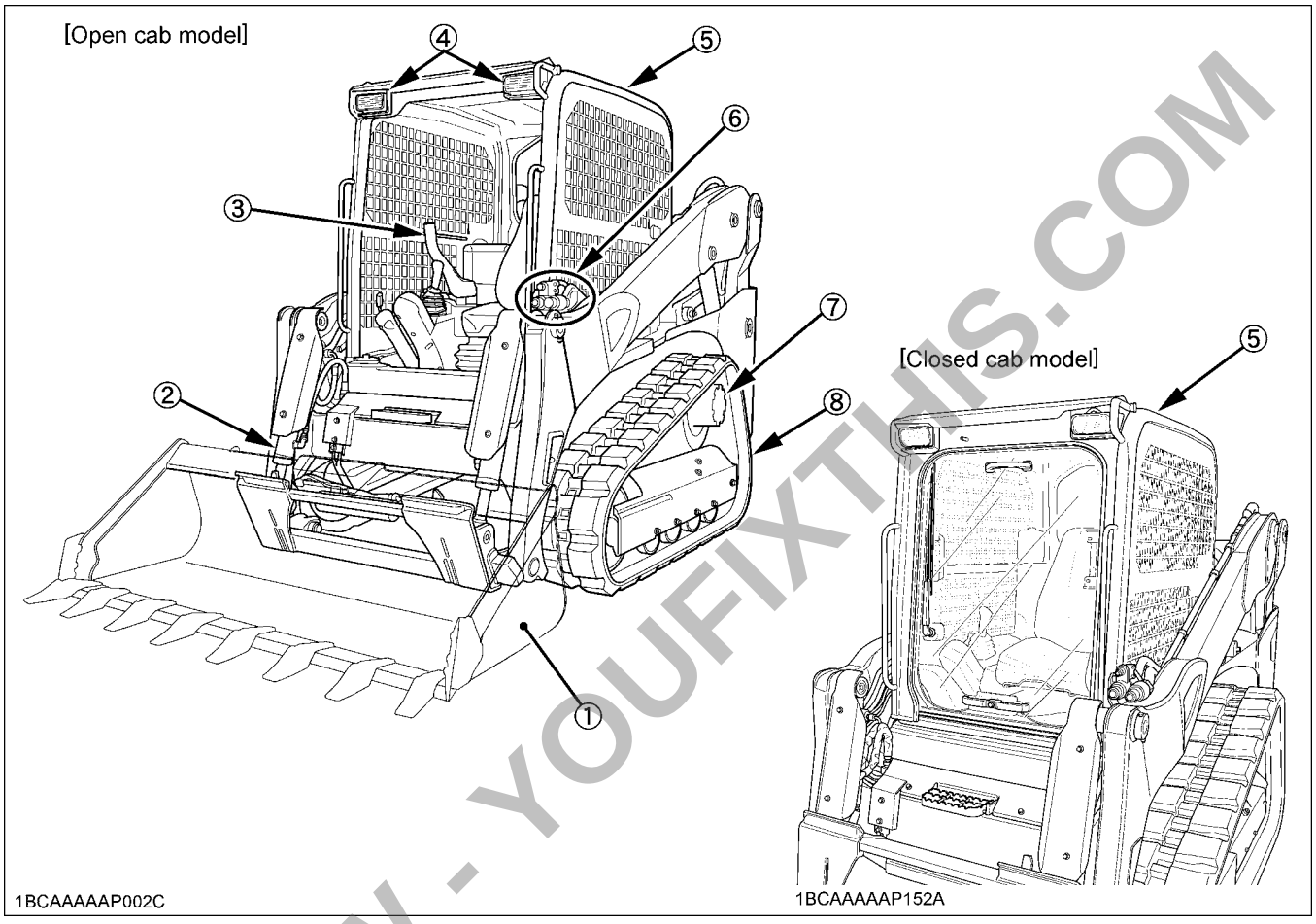
To avoid personal injury or death:

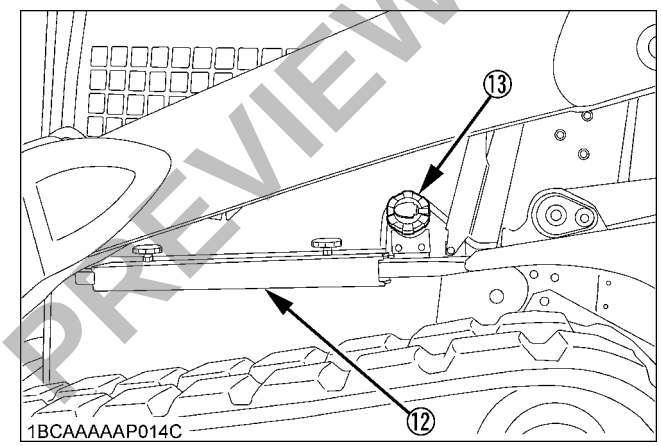
- **Mount the machine and dismount the machine only at locations that have steps and/or handholds.**
  Before you mount the machine, clean the steps and the handholds.
- **Start the only from the operator's seat.**
  Never short across the starter terminals or across the batteries.
  Shorting could damage the electrical system by bypassing the engine neutral start system.
- **Inspect the condition of the seat belt and the mounting hardware.**
  Replace any parts that are worn or damaged.
  Do not use a seat belt extension on a retractable seat belt.
- **Adjust the seat so that full pedal travel can be achieved with the operator's body against back of the seat.**
- **Make sure the machine is equipped with a lighting system that is adequate for the job conditions.**
  Make sure all machine lights are working properly.
- **Before you start the engine and before you move the machine, make sure that no one is underneath, or on, or close to the machine.**

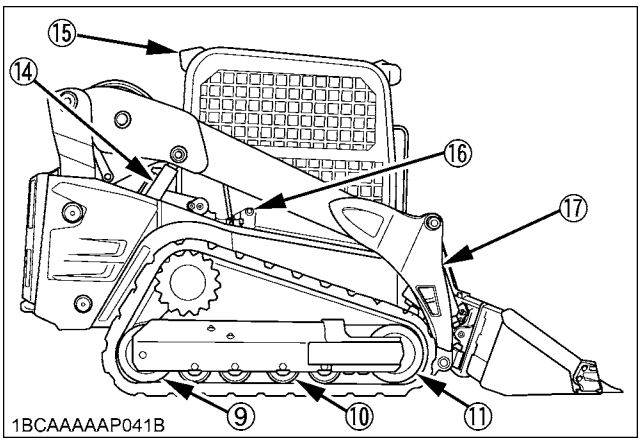
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DESCRIPTION OF MACHINE PARTS







DEPICTED CONTENTS
(1) Bucket
(2) Tilt cylinder
(3) Armrest
(4) Front working light
(5) Cab (Open cab / Closed cab)
(6) AUX supply port
(7) Drive motor
(8) Rubber track
(9) Rear idler
(10) Track roller
(11) Front idler
(12) Lift arm stopper
(13) Fuel tank cap
(14) Lift arm cylinder
(15) Rear working light
(16) Hydraulic tank cap
(17) Lift arm

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■Checking Engine Oil Level

CAUTION

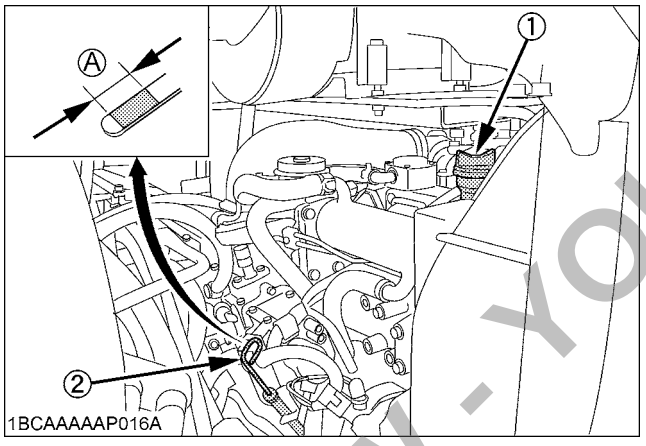
To avoid personal injury:

- **Stop the engine and remove the key before checking the oil level.**

IMPORTANT :

- Use engine oil with the correct viscosity. (according to the outside temperature)
- After stopping the engine and remove the key, wait five minutes, then check oil level. (Machine must be on level ground.)

To check the oil level, draw out the dipstick, wipe it clean, replace it and draw it out again. Check to see that the oil level lies between the two notches.
If the level is too low, add new oil to the prescribed level at the oil filling port.



(1) Oil filling port
(2) Engine oil dipstick
(A) "Required oil level range"

■Checking Hydraulic Oil Level

CAUTION

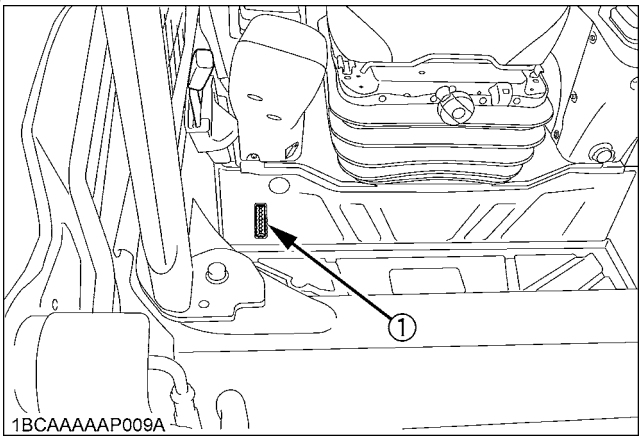
To avoid personal injury:

- **Stop the engine and remove the key before checking the oil level.**

IMPORTANT :

- Before filling oil, wipe away all sand and dust from around the oil port. Make sure to use an identical type of hydraulic fluid.
- The machine has been filled with hydraulic fluid before delivery. See "RECOMMENDED OILS" section. (Do not mix different oils.)

1. Park the machine on a firm, flat and level surface. Lower the lift arms slowly to the ground, tilt down the attachments and stop the engine.
2. Check the oil level as to whether it lies on the center of the gauge at normal temperature (10℃ to 30℃).
3. Enough oil is present if the oil level lies near the center of the gauge.
4. Should the oil level be too low, fill up with oil through the oil port before starting the engine.
   This step is important for the protection of the hydraulic system.

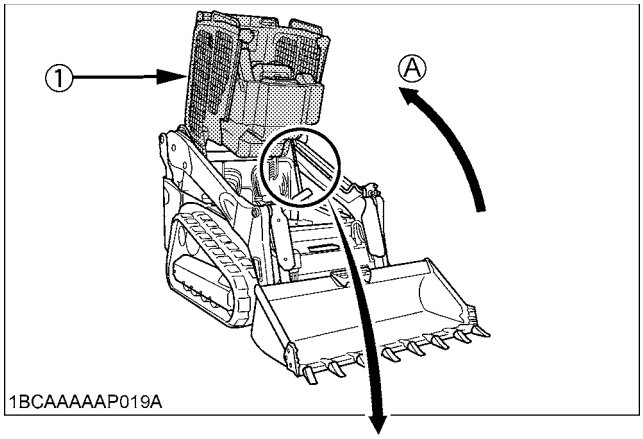


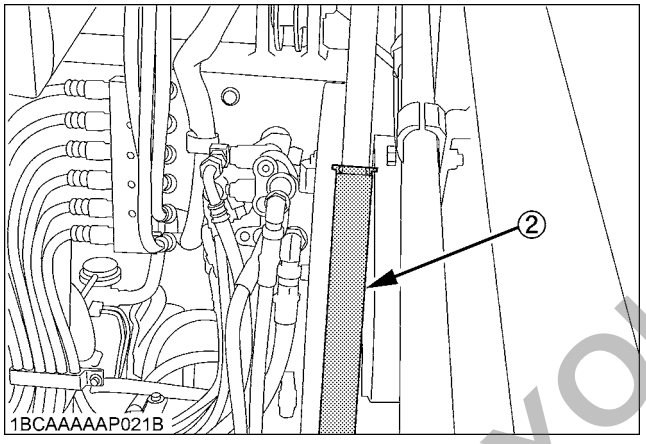
(1) Gauge

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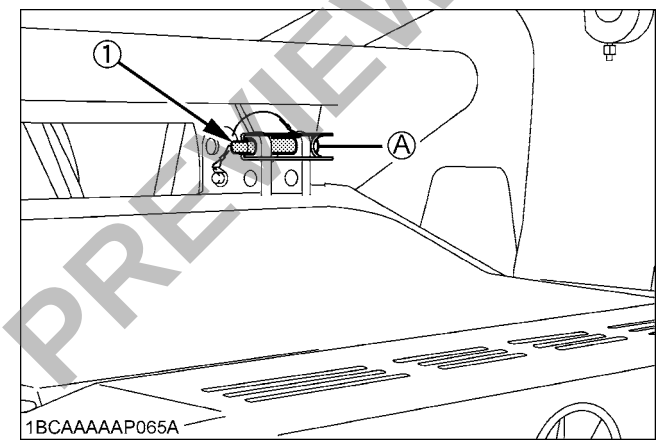
4. Slowly raise the cab until the cab is all the way up and the latching mechanism engages.





(1) Cab (A) "RAISE"
(2) Latching mechanism

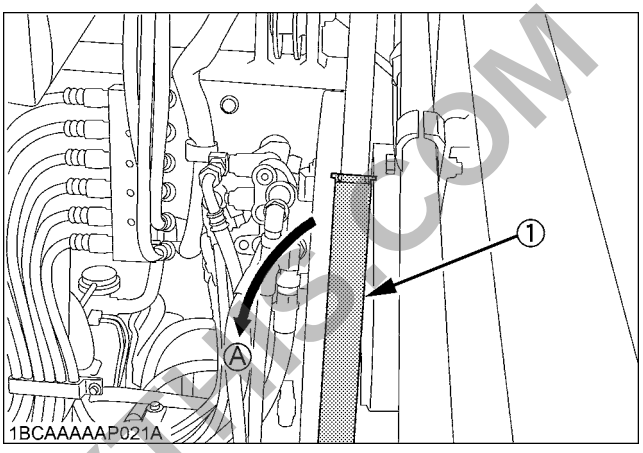
5. Insert the stopper pin into the locked position to fix the cab.



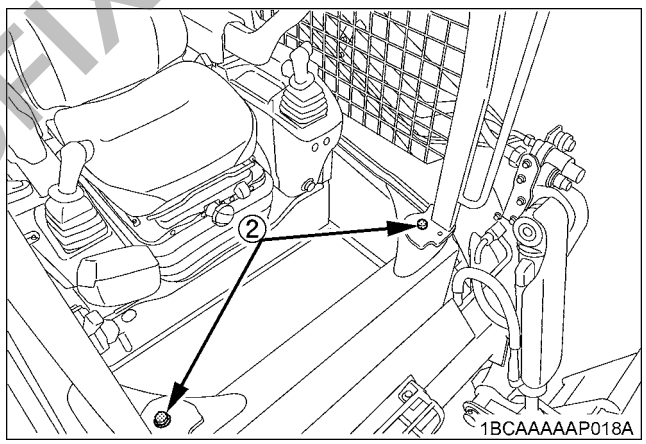
(1) Stopper pin (A) "LOCKED" position

◆ **Lowering (Tilt down)**

1. Remove the stopper pin.
2. Support the cab and release the latching mechanism.
3. Lower the cab slowly all the way down.
4. Tighten the lock bolts with correct tightening torque and reinsert the stopper pin into the storage position.

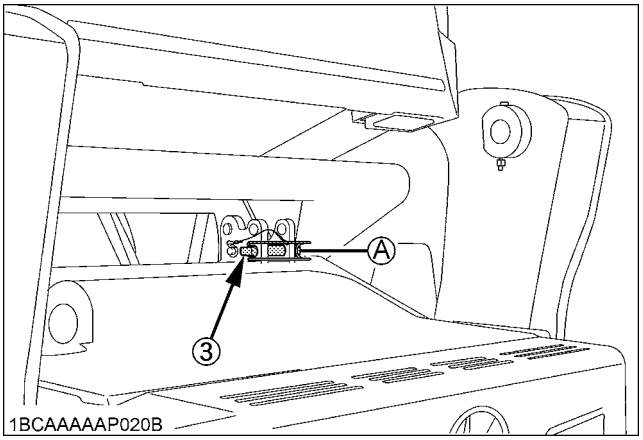


(1) Latching mechanism (A) "RELEASE"



(2) Lock bolt

◆ **Tightening torque:**
77.5 to 90.2 N-m



(3) Stopper pin (A) "STORAGE" position

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FOREWORD

You are now the proud owner of a KUBOTA CTL. This machine is a product of KUBOTA quality engineering and manufacturing. It is made of fine materials and under a rigid quality control system. It will give you long, satisfactory service. To obtain the best use of your machine, please read this manual carefully. It will help you become familiar with the operation of the machine and contains many helpful hints about machine maintenance. It is KUBOTA's policy to utilize as quickly as possible every advance in our research. The immediate use of new techniques in the manufacture of products may cause some sections of this manual to become outdated. KUBOTA distributors and dealers will have the most up-to-date information. Please do not hesitate to consult with them.

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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 assemble 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.

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