EXCAVATOR OPERATION 45

ANTI-THEFT DEVICE

■Anti-Theft Device

This machine is equipped with the anti-theft device, which allows you to start the engine with the registered key alone. If a registered key is stolen, the stolen key can be unregistered. It prevents this key from starting the engine to protect the machine against theft.

♦ The machine comes with two different types of keys.

1BAABAUAP230A	Black key (individual key)	This key is used to start the engine. It is possible to start the engine as before by inserting the key and turning it to the [START] position. Registering a black key with the machine by using the red key will allow the black key to start the engine. A key not registered with the machine cannot be used to start the engine. * Initially two keys including a spare key are supplied. The two accompanying keys have been already registered. Up to four keys can be registered.
1BAABAUAP229A	Red key (registration key)	If a black key for starting the engine should be lost, the red key is used to register another black key with the machine. The engine cannot be started with this key. For the method of using the red key, refer to "How to register a black key with the machine".

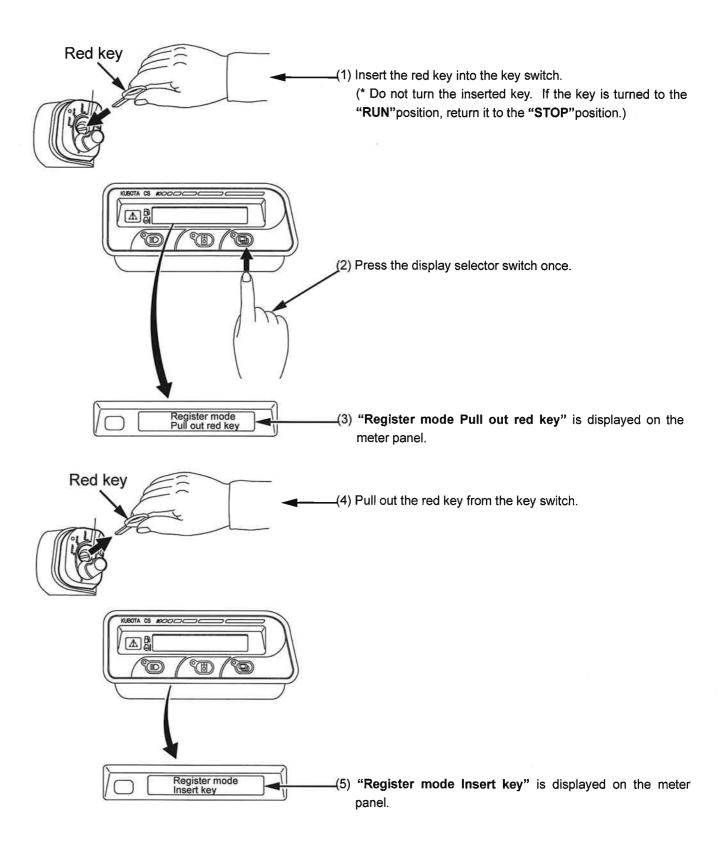
♦ How to register a black key (individual key) with the machine (When a black key is lost)



WARNING

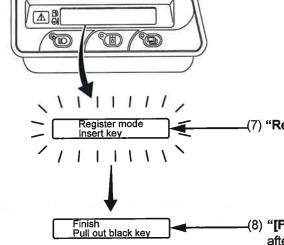
To avoid personal injury or death:

- Before programming an anti-theft key, be sure to sit on the operator's seat and make sure all the control levers are in the "Neutral" position. If this is neglected, the machine may get moving as soon as the engine gets started, leading to a dangerous situation.
- The exhaust gas from the engine includes harmful substances such as carbon monoxide. Be careful not to make this setting in a room where the exhaust gases easily builds up or in an ill-ventilated place.



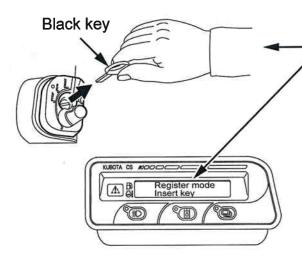
—(6) Insert a black key into the key switch.

(* Do not turn the inserted key. If the key is turned to the "RUN" position, return it to the "STOP" position.)



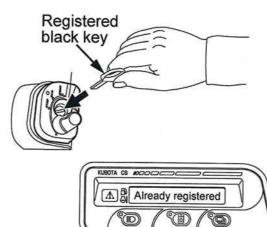
(7) "Register mode Insert key" flashes on the meter panel.

-(8) "[Finish] Pull out black key" appears on the meter panel after a while. With this message displayed, the black key has been registered with the machine.



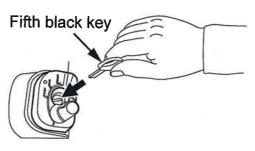
(9) When the black key is pulled out of the key switch, "Register mode Insert key" is displayed on the meter panel. To register a spare key, repeat the above steps (5) to (8). (Up to four black keys can be registered.)

- (10) To finish the registering, turn the key to the "RUN" position.
- (11) Insert the registered black key into the key switch and make sure that the engine can be started with the key.



NOTE:

 If you try to register an already registered black key by mistake, "Already registered" is displayed on the meter panel and registering cannot be performed.



NOTE:

 If you try to register the fifth black key, "Can't register any more" is displayed on the meter panel and registering cannot be performed.



For USA and Canada (FCC/IC)

FCC WARNING

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules and RSS-Gen of IC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.