



# **Kawasaki key**

## **Programming Guide**

<http://www.brpdiagnostics.com/>

**The JET SKI® Ultra 250X and Ultra LX watercraft are equipped with an ignition Immobilizer system to help prevent theft and unauthorized use. A transponder within the key communicates with the ECU – if the key's transponder signal is not recognized by the ECU the ignition system, injectors and fuel pump will not operate and the engine will not start. The system allows up to six keys to be registered with the ECU.**

**The individual key partnumbers are:**

**FPO Key (Orange) 27008-3767**

**SLO Key (Yellow) 27008-3768.**

**The Service Manual for these models provides great detail on the Immobilizer system and key Programming. However, following the detailed programming instructions can be difficult and confusing , Our Technical Trainers have simplified those instructions.**

**You must program all keys at the same time. Once the key registration process has been initiated, all other registered keys will be erased from the ECU, except the key used to turn on the boat to start the programming process.**

- 1. To access the battery in the front storage compartment, remove the cap on the diagnostic receptacle and connect The Key Registration tool**
- 2. Insert any key that is currently registered to the PWC (either an FPO or SLO key). From the key's detent position, push it in for approximately one second then release. The buzzer will produce two short beeps, followed by a slightly longer beep, signaling that the key is recognized and the system's key registration program is on.**
- 3. Remove the key, insert the second key to be programmed and press it in for approximately one second then release to start the key registration process for key number two. Two short beeps will be heard, indicating that the key has been successfully programmed. If additional keys will be programmed at this time, repeat this step. After each key is registered, a corresponding number of beeps will be heard (three beeps after the third key, four beeps after the fourth, up to the six-key maximum).**
- 4. When you have programmed the final key, do not remove it. Press the key in a second time and hold it in until a long beep (at least three seconds) is heard and then stops, then release the key. This ends the registration process for all keys that have been inserted. You must not remove the key until after the long beep is emitted. If the last key is removed before the long beep, all previous keys will not be programmed (the initial key is not affected).**
- 5. Remove the Key Registration special tool, replace the diagnostic receptacle cap and battery cover, and install the storage bucket.**

***Note* : This key registration procedure is only valid with a key that has been previously programmed to the corresponding ECU. This can be the original key that comes with the boat or any duplicated key. If all keys are lost or faulty due to damage, the ECU must be replaced since the registration mode cannot start with an unrecognized key.**