User's Manual

Switch Assy Immobilizer Antenna

Model No.: TWK1A001
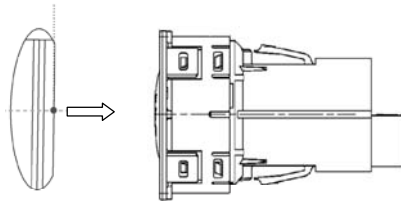
There is no User's Manual because this equipment will not be sold to end-user directly.

User's Manual

Product name : Switch Assy Immobilizer Antenna
Type : TWK1A001

It communicates with IC used both as Transponder and Passive RKE through LF ANT(Z axis) of I-key H/U, and operates as ANT to exchange communication data depending on community signal with BCM.

The immobilizer antenna communicates with the transponder in the hand unit when the hand unit is brought close, and receives the code of the key. The immobilizer is used by bringing the hand unit close as shown in figure.
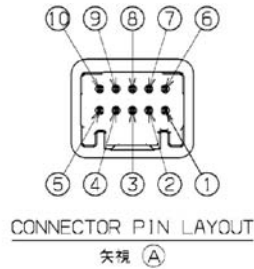

HUND UNIT   **SWITCH ASSY IMMOBILIZER**

The connector is arranged as shown in the figure below.

PIN No.	名 称
1	PSW1
2	SGND
3	IMG
4	NC
5	PSW2
6	IMV
7	ILM(+)
8	ILM
9	IMD
10	IMC

CONNECTOR PIN LAYOUT
矢視 Ⓐ

AC/DC Supply	DC12V
Range of voltage	DC6.5V～16V
Consumption current	Under 0.7mA（Standby current）
Size	W45xL72xH45（mm）
Operating voltage	DC6.5～16V(Inner:DC 5V)
Operating temperature range	-40～＋85 degree C
Consumption current spec	MAX 150mA(@12.5V 25℃) at operation MAX 0.7mA(@12.5V 25℃) at standby
Weight	0.04kg
Operation of frequency	125kHz

■CAUTION■

Pay attention to the following.
(The operation range might be changed by the environment.)

・Do not contact and bring metals close to the engine SW and the key.

・It may not be operated when using the equipment of the same frequency band in the vicinity.

Please DO NOT the following. Engine is not started by failure of electronic parts. (Product can not receive the signal correctly)

・Give a shock.

・Get it wet. If it got wet, wipe and dry up.

・Disassembly and modification.

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

FCC WARNING

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