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Z001/Z002 User Guide

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Section 1: Description

Z001 is the name of Zipcar's next generation Telematics Control Unit, and provides the following:

- 3G GSM capabilities worldwide,
- Bluetooth 4/BLE,
- Real time sensors (accelerometer, current, temperature, light),
- Automotive grade CANbus support,
- Vehicle integration I/Os.

Z002 is the name of the RFID reader unit associated with Z001, and supports the following features:

- Operation in two frequencies bands: 13.56MHz (HF) and 125 kHz / 134.2 kHz (LF),
- Security features such as slots for secure access modules or cryptographic functions.

Section 2: Installation location

The Z001 unit needs to be installed inside the vehicle, hidden from the users. Z002 needs to be affixed to the vehicle's windshield, out of the driver's normal field of view.

Follow these steps while installing Z001 and Z002:

1. Prepare the vehicle for installation: make sure you have the corresponding installation guide, and all the appropriate hardware.
2. Attached Z002 to the windshield, and run the device cable down the side of the vehicle.
3. Install the Z001 wiring harness: refer to the installation guide for specifics.
4. Plug all connectors from the wiring harness to Z001, and power on the unit.
5. Run local testing to confirm the units are working as expected.

Section 3: Operating procedure

This section describes the usage of the Z001/Z002 units after proper installation.

How do I unlock a Zipcar?

When you join, you are issued a Zipcard. (It's about the shape and size of a credit card.) At the time of your reservation, just hold your Zipcard against the card reader in the windshield. Hold it steady for a few seconds, and the doors will unlock.

Once you've scanned in with your Zipcard, you can then either use your smartphone or your Zipcard to lock and unlock the doors throughout your reservation. We have apps for iPhone® or Android™.

Where are the car keys?

The key is waiting for you inside the car, attached to a tether on the steering column. The key should always remain inside the car. Use your Zipcard or smartphone to lock and unlock the doors throughout your reservation.

Note that some car models have start buttons instead of keys. To start one of these cars, simply step on the brake, press the start button, and you're good to go.

In some countries, the key is in the glove compartment. Learn more about driving Zipcars in other countries.

Section 4: Regulatory Information

FCC Statement

This device complies with Part 15 of the FCC 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.

Section 15.21 Information to user Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Section 15.105 (b) Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

IC (Industry Canada) Statement

This device complies with Industry Canada licence-exempt RSS standard(s). 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 the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Section 5: Trademarks

All referenced brands, product names, service names and trademarks mentioned in this document are the property of their respective owners.