

Hands free car alarm system



Installation Manual

NOTE

1. This unit is for vehicles with 12V DC only.
2. Unit should be installed by a professional auto technician.
3. Route wiring harness away from heat sources and electrical components.
4. Power loom connections should be soldered and insulated.
5. Perform test after finishing the installation.

A. Components

ECU, two transmitters, shock sensor, LED indicator, siren, harness, PKE antenna.

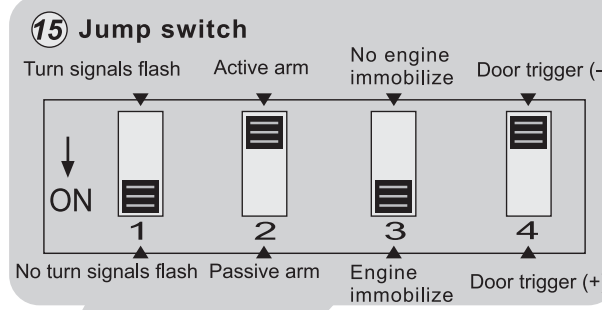
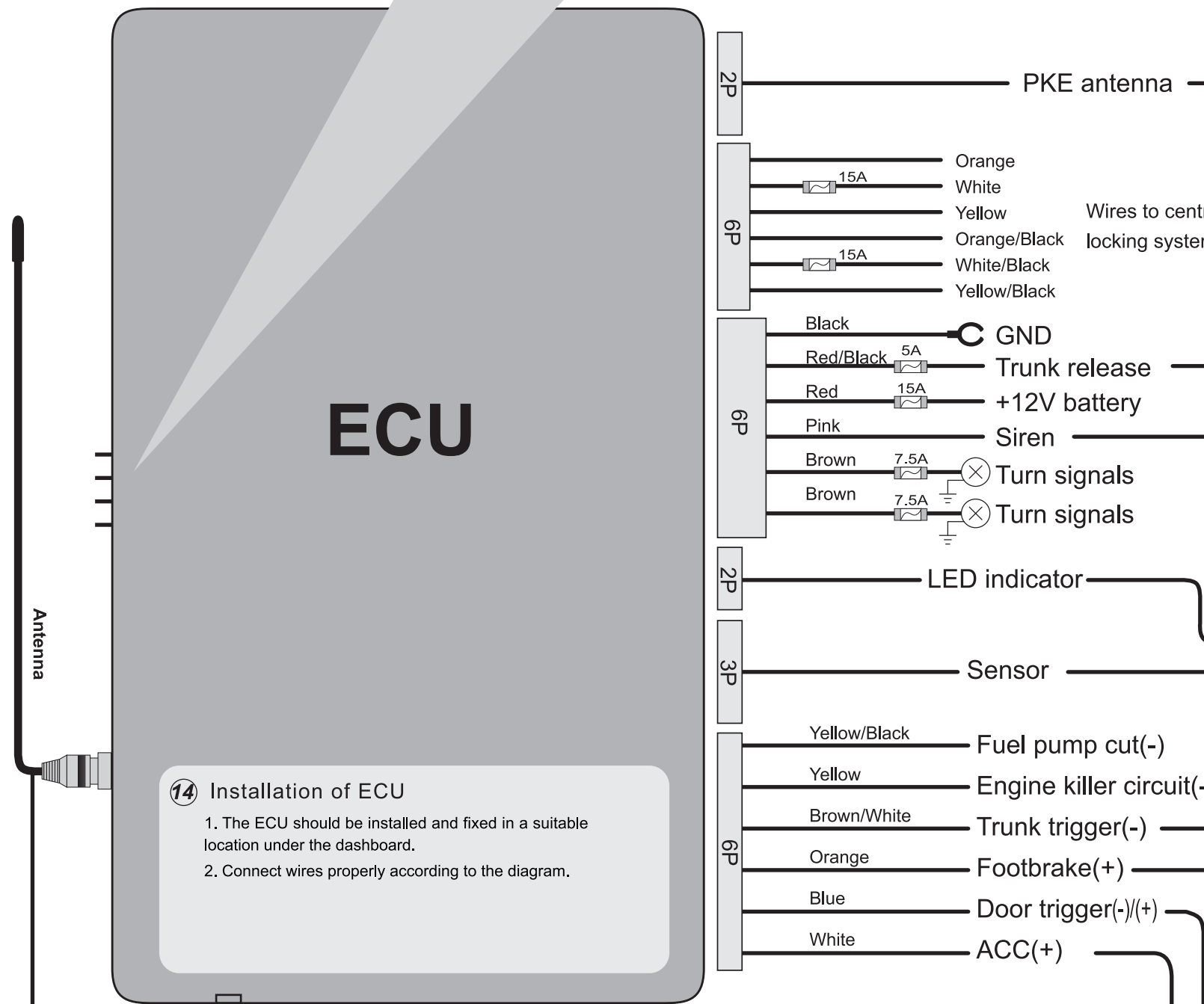
B. Technical specification

Voltage: 12V
 Static current: <20mA
 PKE working current: <20mA
 Frequency: 433.92MHz
 Siren SPL: 105-125 dB

C. Factory setting

- | | |
|---|---|
| 1. <input type="checkbox"/> Turn signals flash | <input checked="" type="checkbox"/> No turn signals flash |
| 2. <input checked="" type="checkbox"/> Active arm | <input type="checkbox"/> Passive arm |
| 3. <input type="checkbox"/> No engine immobilize | <input checked="" type="checkbox"/> Engine immobilize |
| 4. <input checked="" type="checkbox"/> Door trigger (-) | <input type="checkbox"/> Door trigger (+) |

D. Installation diagram



14 Installation of ECU
 1. The ECU should be installed and fixed in a suitable location under the dashboard.
 2. Connect wires properly according to the diagram.

13 Learning button
 Hold the learning button in the ECU, the LED indicator will turn on to enter the code learning mode.
 1). Press the button on the 1st transmitter once, the LED indicator will flash to confirm the 1st transmitter successful programmed.
 2). Repeat steps 1) for the 2nd transmitter.
 Only two transmitters are functional for one car alarm system.

12 Installation of antenna
 1. Insert the antenna in the ECU
 2. Straighten and suspend the antenna

1 PKE antenna installation
 Top windscreen corner of driver's side
 The antenna needs to be >50cm from the transmitter.

2 Central locking system installation
 1. When the vehicle is with original central locking system, refer to Fig.2 (Negative trigger), or Fig. 3 (Positive trigger).
 2. When the vehicle is with central locking system, while the driver's door does not have motor, the other doors have motors. A new motor for the driver's door is needed. Refer to Fig. 4.
 3. When the vehicle is without central locking system, please install one set central locking system to match with the car alarm system. Refer to Fig. 2.

