

Remote entry system

Quick Features Overview

- Code learning remote transmitters (4)
- On-board relays for directional lights, door locks and trunk release
- 0.5 seconds locks impulse
- Selectable trunk release polarity output by input wire




Included Parts

- (1) Keyless entry module
- (2) Remote transmitters
- (1) Main wire harness and Installation Manual

SYSTEM DESCRIPTION

Module BENE 102A, it is upgrade of central door locks. The BENE 102A allows locking and unlocking car by remote controller, with signalization of indicators. Also allows trunk open.

REMOTE CONTROL BUTTON DESCRIPTION


BUTTON	FUNCTION
	vehicle lock
	vehicle unlock
 for 5 seconds	trunk release



PROGRAMMING THE REMOTE CONTROLS

Up to 4 remote controls can be programmed into system. Each remote must repeat the entire procedure. Two remotes supplied in the box are already programmed.

Procedure:

1. Open system unit cover and connect jumper on board for 2 seconds. Unit enters into code learning status, lights start flashing and central locking will lock.
2. Press button  and hold it till car's lights turn off.

SYSTEM INSTALLATION

Remove the plastic covers the dashboard of the vehicle. Find the wires that control central locking, located on the control unit. For some types of vehicles to be powered directly by the central locking the door of the car. The testing functions in the vehicle wiring, use only digital multimeter, and even if you know what function the wire serves.

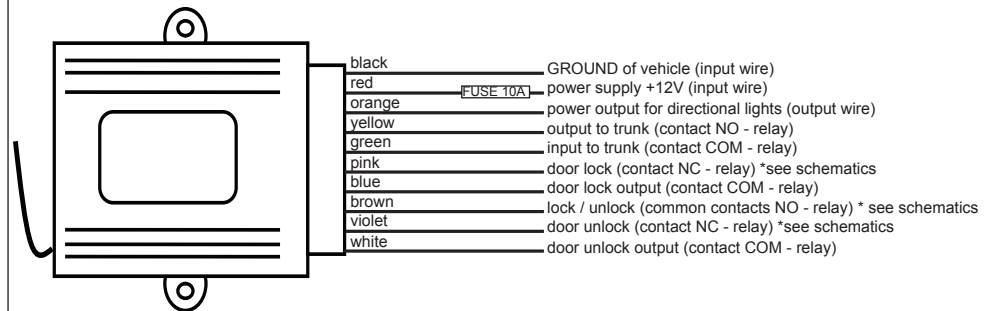
After determining the wires, disconnect the battery and connect the wiring harness designed for central locking wires for proper functioning, according to the attached diagrams. All connections soldered and insulated. After installing central locking plug from the car battery and insert the fuse into the fuse housing from the central locking.

Protest the proper functioning of the central locking and electric vehicles performance (ignition, directional lights, ..) Install the plastic covers of the dashboard.

The location of the control unit

Place the control unit from inside the protective plastic dashboard. Attach the antenna control unit so that it does not touch the metal parts of the vehicle.

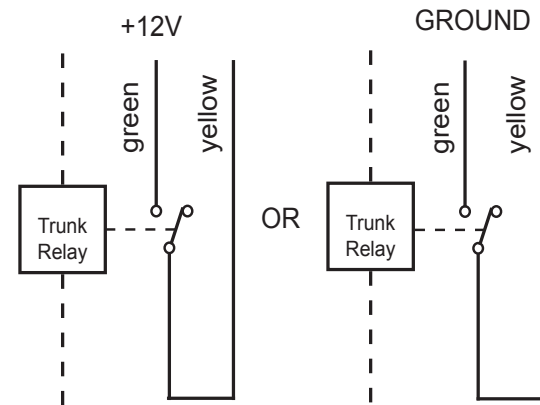
KEYLESS ENTRY SYSTEM DIAGRAM



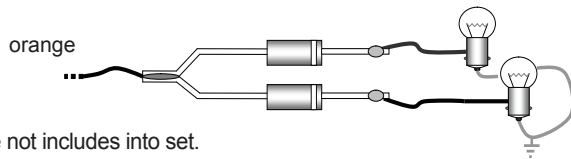
NOTE:

1. If is **Green** wire (input to relay) connected to +12V, than **Yellow** wire (relay output to trunk) will has +12V for two seconds, when is function open trunk activated. In case, that **Green** wire is connected to GROUND, than **Yellow** wire will has GROUND for two seconds, when is function open trunk activated.
2. If is **Brown** wire connected to +12V, than impulses (locking, unlocking) are positive. In case, that **Brown** wire will be connected to GROUND, than impulses (locking, unlocking) will be negative. **Violet** and **Pink** wires are not connected.

Diagram for trunk open

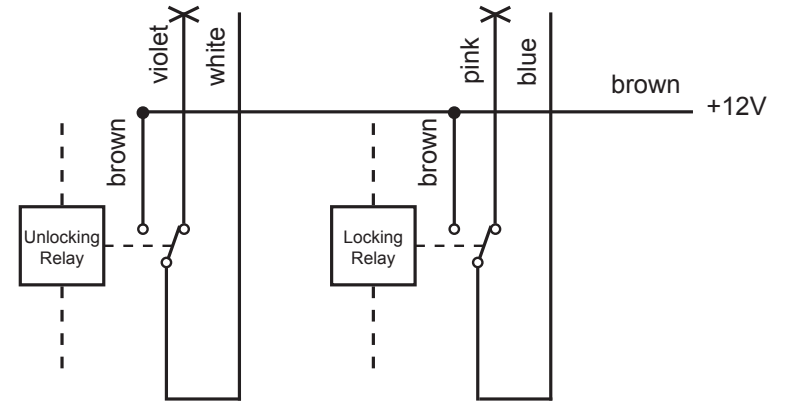


Lights connection



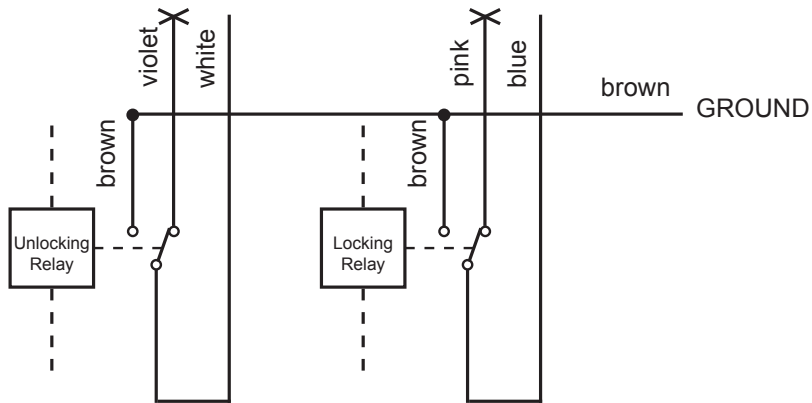
NOTE:
The rectifying diode not includes into set.

Diagram for locking, unlocking



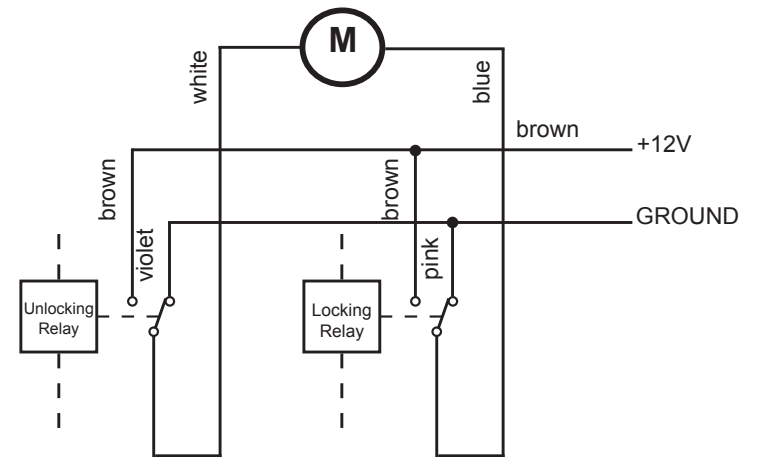
positive locking, unlocking

Diagram for locking, unlocking open



negative locking, unlocking

Connection main unit directly to servomotors for locking, unlocking



locking, unlocking with positive impulse

NOTE:
If main unit is connected to servomotors, connect Brown wire to +12V, Pink and Violet wires to GROUND