

- [Carens Manuals](#)
- [OM](#)
- [SM](#)
- [New](#)
- [Top](#)
- [Sitemap](#)
- [Search](#)

Search



Kia Carens
CAR MANUALS
TECHNICAL INFO

Kia Carens: Fuses And Relays / Relay Box (Passenger Compartment) Repair procedures

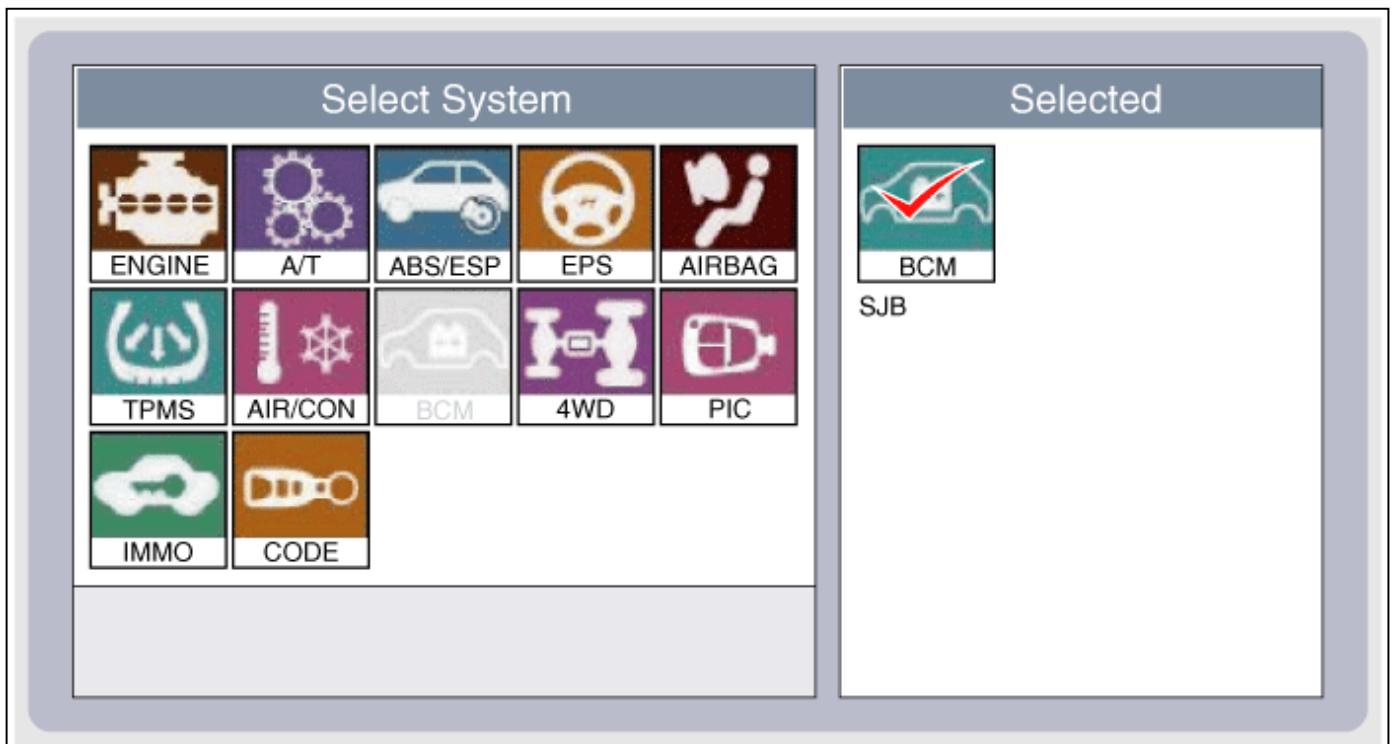
[Kia Carens RP.\(2013-2018\) Service Manual](#) / [Body Electrical System](#) / [Fuses And Relays](#) / Relay Box (Passenger Compartment) Repair procedures

Fuse Inspection

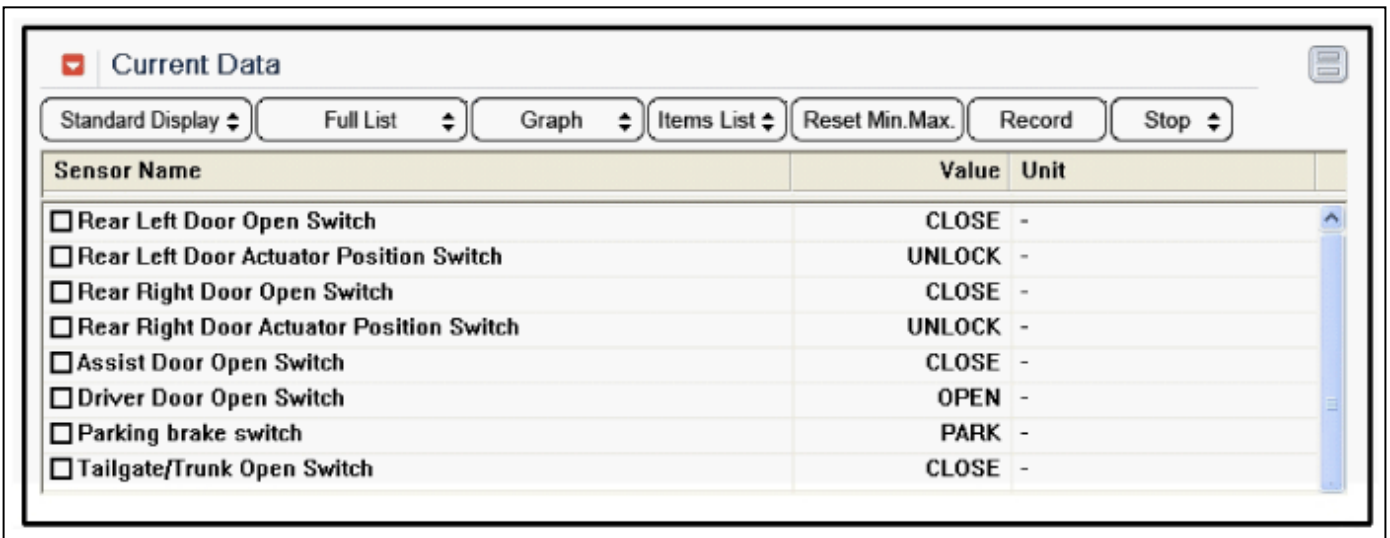
1. Be sure there is no play in the fuse holders, and that the fuses are held securely.
2. Are the fuse capacities for each circuit correct?
3. Are there any blown fuses?
If a fuse is to be replaced, be sure to use a new fuse of the same capacity. Always determine why the fuse blew first and completely eliminate the problem before installing a new fuse.

Inspection

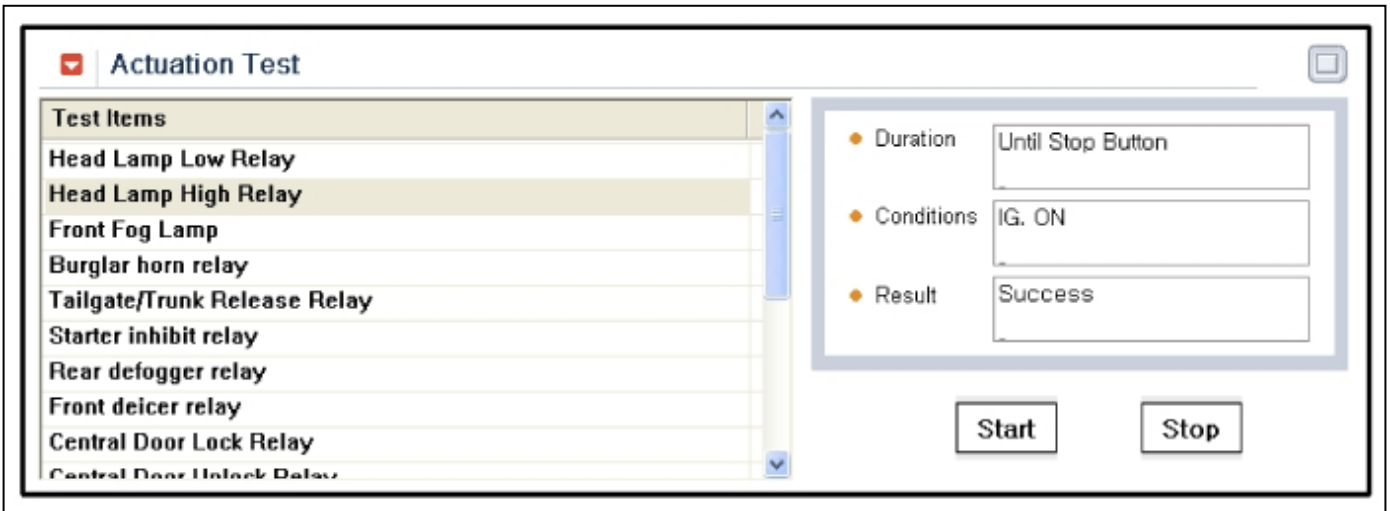
1. The SJB can be diagnosed by using the GDS. The SJB communicates with the GDS which then displays inputs and outputs along with codes.
2. To diagnose the SJB function, select the vehicle model, BCM and SJB.



3. To consult the present input/out value of SJB, "Current DATA". It provides information of SJB input/output conditions.



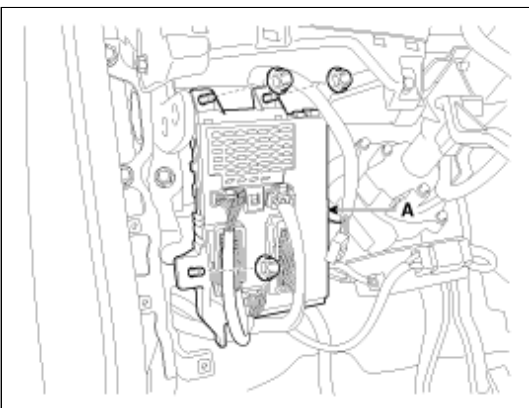
4. To perform functional test on SJB outputs, select "Actuation Test"



Removal

Passenger Compartment Junction Box (SJB)

1. Disconnect the negative(-) battery terminal.
2. Remove the crash pad lower panel.
(Refer to Body - "Crash Pad Lower Panel")
3. Disconnect the connectors from the fuse side of the smart junction box.
4. Remove the smart junction box (A) after loosening the mounting nuts.



5. Disconnect the connectors from the back side of the smart junction box.

Installation

1. Install the smart junction box.
2. Install the crash pad lower panel.

3. Check that all system operates normally.



Relay Box (Passenger Compartment) Description and operation

Description Smart Junction Box(SJB) 1. General function : Interior Junction Box + some functions of BCM It controls loads with CAN communication and IP ...

ICM (Integrated Circuit Module) Relay Box Components and components location

Component ...



Other information:

[Kia Carens RP \(2013-2018\) Owners Manual: Engine compartment](#)

■ Gasoline engine - 1.6 GDI ■ Gasoline engine - 2.0 GDI ■ Gasoline engine - 2.0 MPI 1. Engine oil filler cap 2. Brake/clutch fluid reservoir 3. Positive battery terminal 4. Negative battery terminal 5. Fuse box 6. Air cleaner 7. Radiator cap 8. Engine coolant reservoir 9. Engine oil dipstic ...

[Kia Carens RP \(2013-2018\) Service Manual: Engine Coolant Temperature Sensor \(ECTS\) Repair procedures](#)

Inspection 1. Turn the ignition switch OFF. 2. Remove the ECTS (Refer to "Removal"). 3. After immersing the thermistor of the sensor into engine coolant, measure resistance between the ECTS ...

Copyright © www.kicaman.com 2015-2023

