

Air suspension control system

New Version

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usageinstruction

*Keys and the Display Position of the Cable Controller Introduction 1



FRONT and REAR button selection key is manually operated front and rear wheels. The FRONT on the LCD will turn red when the FRONT button is pressed. It indicates that the manual operation button is now used to control the front wheel lift. The REAR on the LCD will turn red when the REAR button is pressed. It indicates that the manual operation button is now used to control the rear wheel lift. If both FRONT and REAR are displayed in red, the front and rear wheels are operating at the same time. Page 1

*Keys and the Display Position of the Cable Controller Introduction 3



*Wired Controller Setting and Display Introduction 2



*Keys and the Display Position of the Cable Controller Introduction 4



*Keys and the Display Position of the Cable Controller Introduction6

\approx	\Rightarrow	*
Front buffer airbag structure	Front buffer airbag structure	Front buffer airbag structure
< H i gh I oad	Low I oad >	LowIoad >
Rear buffer airbag structure	Rear buffer airbag structure	Rear buffer airbag structure
Lowload >	LowIoad >	Low I oad >
Shut down the key position	Shut down the key position	Shut down the key position
off >	< Save4	off >
Open the key position	Open the key position	Open the key position
off >	off >	< Save4
Front cushion airbag construction options: Low load construction and high load configuration are available. Front buffer airbag structure	The key (ACC) turns off the memory function: The key (ACC) turns off memory option. If set in memory 1, the system will automatically run to the location remembered by Memory 1 when the key (ACC)	The key (ACC) turns on the memory function: The key (ACC) turns on memory option. If set in memory 1, the system will automatically run to the location remembered by Memory 1 when the key (ACC)

Front buffer airbag structure Lowload > Rear buffer airbag structure Shut down the key position Open the key position off >

Rear cushioning airbag construction options: Low load construction and high load configuration are available. is turned off. OFF: Turn off this feature Memory 4: Lowest position of the car body

Remarks:

The front and rear cushioning airbag structure options are due to the weight of the car, the structure of the chassis and the total pressure value of the cylinder which will affect the formation of different load parameters to produce different vehicle height and pressure differences. Therefore, please test the low load and high load mode to choose the mode with higher accuracy.

is turned on.

the car body

OFF: Turn off this feature

Memory 4: Lowest position of

each the set value

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*Memory Mode Button and All Down Button Introduction

Memory mode button 1, 2, 3

Methods of saving the height of the car:

1. Firstly, adjusting the height of the car to the appropriate position manually. 2.Long press the memory button (which save the current body height) for more than 3 seconds. After the memory is successful, the current memory button will turn red. And it will be displayed on the upper left of the LCD screen MEMORY SUCCESSFULLY. At this time, the button can be released, and the other memory buttons operate in the same manner.

Run memory function:

Pressing the memory button, the system automatically adjusts the height of the body to the current memory button. During operation, the memory button in front of the file will flash red.

If the height of the car reaches the memory position, the button will turn into a long bright red. If the memory height is not reached, the button will turn into a long bright white.

If the memory height is not reached, the button will turn into a long bright white. If the memory mode cannot reach the memory level, it may be caused by insufficient air tank pressure. Just press the memory button again to run to reach the memory height. Remarks:

When manually adjusting the height of the car for saving, the last manual operation must be raising. Don't make memories after dropping adjustments. This will affect the accuracy of the memory

All down button :

Pressing and holding the button for more than 3 seconds, the system will all down automatically. During the operation, the ALL DOWN BUTTON will flash red until the end of the operation. After that the button will turn into a long bright red. All down button cannot be used as a height memory button, can only be all down function. Note:

When the memory button is running, you can press any manual operation button to terminate the memory running program.



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BP4 Attention:

1.Aware some window films contain metal components, which may affect the signal strength of the mobile phone connection system.

2.Do not subject the remote control to dropping or any kind of force impact.

3.Do not use compressor more than 15 minute at once, keep high working temperature might short servie life.

4.Please use the mobile phone holder included in the package, and ensure that there is no source of electromagnetic signal interference between the remote control to the control system.



BP4InstallationNotes:

positive wire of BP4 main unit must be directly connected to the positive pole of the battery. Do not take power from other places. also cannot be combined with other positive electricity (especially air pump) The BP4 main grounding wire must be grounded separately. Do not connect with any other electrical equipment. Check the grounding

i the air pump on the body. Make sure that the junction of the conductivity is good. (The body paint on the contacts must be polished off



. The ACC trigger line (yellow) of the BP4 must be connected to the ACC of the car cigarette lighter or the ACC of the key assembly. . If the fuse burns out during use, please check if the line is faulty, and then replace the fuse with the same amperage. Do not change the use larger than the original specification. (Air pump power supply is 40A, system power supply is 7.5A)

5. After installing all the wiring harness terminals, confirm that the installation is correct and then connect the system power plug (coffee lug) to avoid the system board burning due to wrong wiring.

The USB cable for the controller should not be close to the body of the electronic air pump. Electronic air pump generates electromagnetic during operation, i nay cause interference to the USB cable, resulting in incorrect data transmission. And the USB cable should not be bundled in a loop, or near a high-current wer cord (such as the positive power cord of the electronic air pump)

7. After the installation of the suspension, please inflate the ball and put it on the ground before landing, so as not to cause the injury of the ball or the damage of the chassis. And check whether the movement space around the ball is enough!

8. The factory setting value of BP4 air pump stop working pressure is 130 psi which is up to 230 psi. To increase the total pressure value, you must first confirm whether the working pressure of the air pump is compatible.

9. After the Bluetooth cable controller is connected to the cable, please fix it and try to avoid taking it frequently. In order to avoid pulling and broken connector which causing poor contact.

10. The installation of the air pipe must confirm the safety of the pipe and must avoid the high temperature and multiple active position. If you can't pipe inside the car or have no installation experience, it is recommended to follow the brake pipe of the original car, but you must also confirm the safety of the pipe.

11 All air pipe must be cut flat and not be skewed to avoid the inconsistency between the air pipe and the connector interface!

12.If you need to use the liquid sealant, please pay attention to the dosage used on the sealing port. Do not use too much sealant which will cause the sealant flows into the valve body in a not dry state to cause blockage