Installation Manual

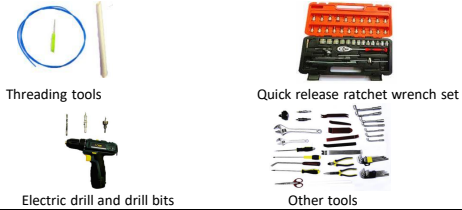| Compatible Model	Honda Freed (GB3/GP3)
Year	2014

8-ETHD-5036-00-00

1. Points to note

● For safety and to ensure the proper use of product, please ask a professional technician to install. Do not disassemble and install it privately in case of damaging product and installation accidents.

● Please arrange each wiring harness according to the wiring method in this manual, be sure to tie each wiring harness to the vehicle's original wiring harness with cable ties. Make sure the wiring harnesses are not located at the fasteners or screw holes to avoid the wiring harnesses crushed by the vehicle interior trim panel buckles and screws during the installation process.

● Because some of the wiring harness terminals (as indicated by the red ellipses below) are not plugged into the wiring harness connectors during manufacture, please insert terminals into the wiring harness connector first to avoid short circuit between terminals after the wiring harnesses have been arranged, then connect other plugs of the wiring harnesses (as indicated by the blue ellipses below) with the original plugs.

● Check the function display of instrument panel before installation, whether the button of the vehicle is working properly, whether the doors and windows work properly while opening and closing, whether there are scratches on the vehicle internal and exterior surfaces; and report to the customers in a timely manner if there are any problems.

● During the process of disassembly and assembly, do not carry metal ornaments and other hard objects with you to prevent damage to the paintwork, seats and interior. Be sure to place the removed trim components properly to avoid scratching them.

● All the pictures in this manual are for reference only, vehicle models with different configurations may have different pictures, but the installation methods are the same.

2. Installation tools

Threading tools

Quick release ratchet wrench set

Electric drill and drill bits

Other tools

3. Product list

No.	Name	QTY	Picture
①	Strut	2	
②	ECU	1 set	
③	Wiring harness	1 set	
④	Power latch	1	
⑤	Added tailgate switch	1	
⑥	Other parts (screws, brackets, etc.)	1 set	Omitted

1. Remove the front right side door sill panel and switch panel.

2. Remove the rear right side door sill panel.

3. Remove the trim panel on the right side of the trunk to allow wiring harnesses to pass through.

4. Remove the trim panel on the left side of the trunk to allow wiring harnesses to pass through.
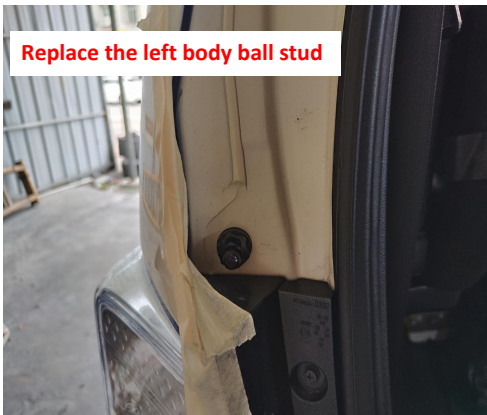
5. Remove the tailgate trim panel.

6. Remove the original gas struts.

7. Replace the left tailgate bracket with the ball stud near to the hinge.

8. Replace the right tailgate bracket with the ball stud near to the hinge.
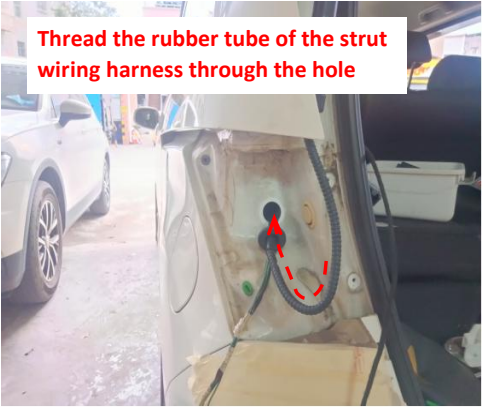
9. Replace the left body ball stud.

10. Replace the right body ball stud.

11. Install the electric struts, L on the left, R on the right (the first letter of the strut code), making sure the ends with wiring harnesses are on the vehicle body.

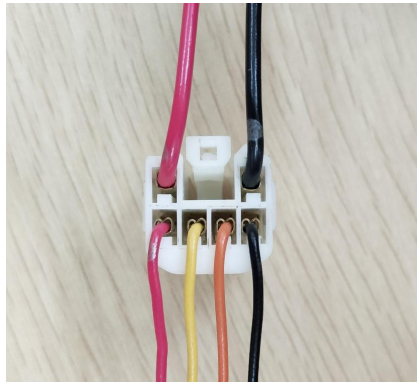12. Remove the left and right taillight and remove the hole plugs

13. Thread the rubber tube of the strut wiring harness through the hole, both sides are the same.

14. Wrap the wiring harness with electric tape and pay attention to avoid pulling it. Plug the holes on both sides securely.
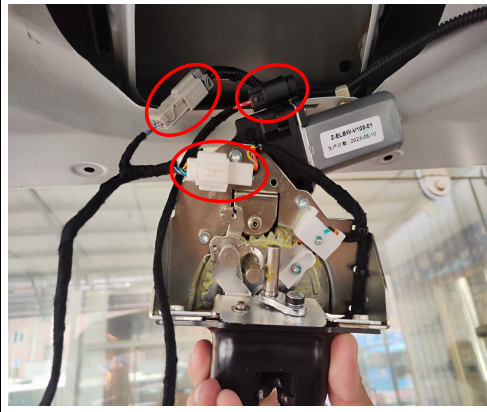
15. Route the strut wiring harnesses.

16. Insert the strut wiring harness terminals into the wiring harness connector.
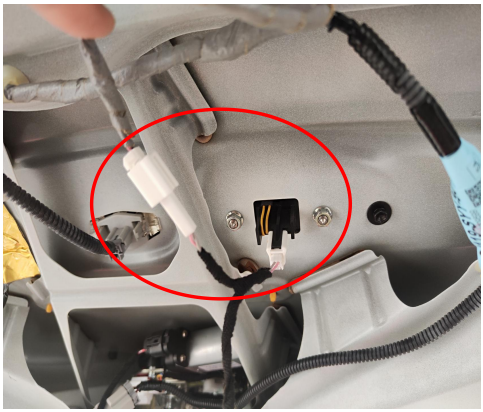
17. Remove the original latch.

18. Connect the plugs of the lock signal harness to the plugs of the power latch.

19. Install the power latch.

20. Connect the plugs of the lock signal harness to the plugs of the original tailgate switch.

21. Connect the plug of the lock signal harness to the added tailgate switch.	22. Fit the added tailgate switch in.	23. Route the power harness (routing only, no plug or power connection). Power supply Grounding Added front switch Signal connection	24. Thread the power harness to the tailgate (routing only, no plug or power connection).	25. Insert the power harness terminals into the wiring harness connector. C5 C6 C7 C8 C9 C10 C1 C2 C3 C4 Note: For models with fewer than 10 wires, just insert them according to the corresponding label or color.	26. Remove the indicated cover panel in the trunk (ground inside). Remove
27. Ground at the indicated position. Grounding	28. Connect the power harness to the indicated signal plugs at the rear right side door (the plug on the top).	29. Install the added front switch and connect the plugs for backlight.	30. Check all the plugs. **Check if all the plugs are properly connected.**	31. The fuse box is located at the driver's position and the fuse slot for power supply is indicated above. Constant power	32. Plug the fuse tap into the fuse box and the pay attention to the direction. Wire points to the right
33. Remove the indicated fastener. Remove	34. Install the ECU and secure it with a nut. Put the ECU in from here Secure with a nut	35. Insert the strut wiring harnesses ①②, lock signal harness ③, and power harness④ into the ECU in sequence. ① ② ③ ④	36. Manually close the tailgate to the position where the latch touches the striker and press the added tailgate switch to open and close the tailgate once. The system completes initialization and test each function of the electric tailgate.	37. Reinstall all trim panels.	5. System initialization method 1. Press the added tailgate switch button, and the tailgate will close automatically; 2. Press the tailgate switch button outside the tailgate to open the tailgate and it will make a long sound of "beep". 3. The system initialization is complete. 6. Instructions for the Electric tailgate 1. Methods to open and close the tailgate: ●Press the unlock button on the remote key 3 times; ●Press the unlock button at the driver's area 3 times; ●Press the original tailgate switch button to open; ●Press the added tailgate switch button to close; ●Press and hold the added front switch button for 4s. 2. Method to pause the tailgate: During the operation of the tailgate, press the button with any of the above methods, and the tailgate will be paused. Press again, and the tailgate will move in reverse.

3. Instructions for the added tailgate switch
①Closing speed acceleration (5 Settings)
1.Press and hold the switch button until hearing the first short beep sound
2.After releasing the button, you will hear a short beep, indicating that the closing speed acceleration has taken effect.
3.Repeat this step once to increase by one setting.
②Opening speed acceleration (5 Settings)
1.Press and hold the switch button until hearing the second short beep sound
2. After releasing the button, you will hear two short beeps, indicating that the opening speed acceleration has taken effect.
3. Repeat this step once to increase by one setting.
③Settings of the voice module
1.Press and hold the switch button until hearing the third short beep sound.
2.After releasing the button, you will hear three short beeps, indicating that the voice module has entered configuration mode. (For details, see the voice module operation manual)
④Block the voice module
1.Press and hold the switch button until hearing the fourth beep sound.

2.After releasing the button, you will hear four short beeps indicating that the voice module has been blocked.
⑤Height setting
1.Press and hold the switch button until hearing the fifth short beep sound.
2.After releasing the button, you will hear a long beep sound indicating that the height setting has taken effect.
⑥Switch between quick/slow press of the unlock button on remote key
1.Press and hold the added tailgate switch button until hearing the sixth short beep sound.
2.After releasing the button, you will hear a long beep sound and a short beep sound indicating that the switch between quick press and slow press of the unlock button has taken effect.
⑦Switch between pressing the unlock button twice/three times
1.Press and hold the switch button until hearing the seventh short beep sound.
2.After releasing the button, you will hear a long beep sound and two short beeps indicating that the switch between pressing the unlock button twice/three times has taken effect.

⑧Braking force increase (5 Settings)
1.Press and hold the switch button until hearing the eighth short beep sound.
2.After releasing the button, you will hear a long beep sound and three short beeps indicating that the switch between pressing the unlock button twice/three times has taken effect.
⑨Restore to factory settings
1.Press and hold the switch button until hearing the ninth short beep sound.
2.After releasing the button, you will hear a long beep sound and four short beeps indicating that the restoration to the factory setting has taken effect.
4. Meanings of the buzzer sound:
"Beep" once: Receiving an open/close or pause signal, the tailgate will immediately open/close or pause;
"Beep" twice: The tailgate has been fully opened or closed;
"Beep" three times：The resistance during opening or closing the tailgate is too large, and the intelligent anti-pinch has been turned on.