

BHCnav⁺®

NAVA[®] Pro F70 / F78

Maintenance & Repair Manual





Picture 1



Key around

Picture 2



Picture 3

Operation Steps:

1. Before operation, please inspect all the keys, as per picture 1.
2. Then smear evenly silicone oil around the keys, and smearing area as per picture 2.
3. Put the smeared keys into the fixed area on the upper casing, and correct the position, as per picture 3.
4. After assembly, inspect the quality.

Remark: Make sure that all the keys position correct.



Picture 1



Picture 2

Operation Steps:

- 1.Before operation, please inspect the previous operation correction.
- 2.Prepare 1 pc qualified foam, as per picture 1.
- 3.Put the foam into the designated area on the upper casing, as per picture 1 with tweezers.
And make sure them not fold,breakage,offset.
- 4.After assembly, inspect the quality.

Remark: Make sure that the foam complete and position correct.



Picture 1



Picture 2

Operation Steps:

1. Before operation, please inspect the previous operation correction.
2. Prepare 1 pc qualified lower casing and 1 set qualified +/- sheetmetal, as per picture 1.
3. Put the sheetmetals into the designated area on lower casing, as per picture 2.
And make sure the sheetmetals not loose.
4. After assembly, inspect the quality.

Remark: Make sure that the sheetmetals position correct.



Picture 1



Picture 3

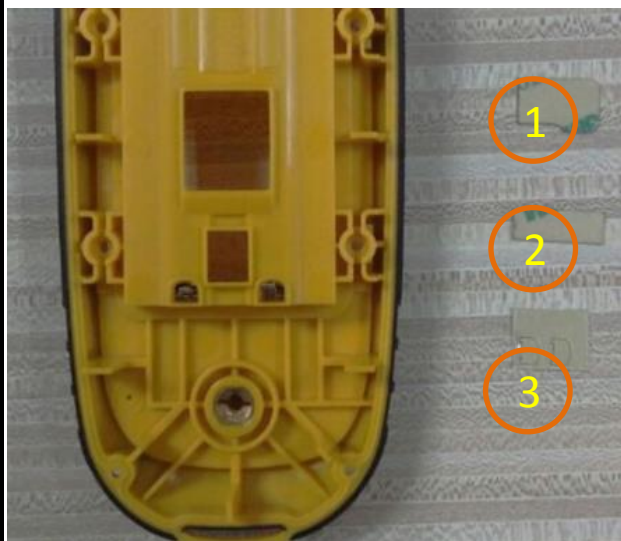


Picture 2

Operation Steps:

1. Before operation, please inspect the previous operation correction.
2. Prepare 1 pc qualified USD rubber plug, as per picture 1.
3. Put one end of rubber plug into the hole, as per picture 2, then rotate 90 °counterclockwise, the rubber plug will be fixed, as per picture 2.
4. Use the tweezers to put the one end of rubber plug into the corresponding pillar area, as per picture 3.
5. After assembly, inspect the quality.

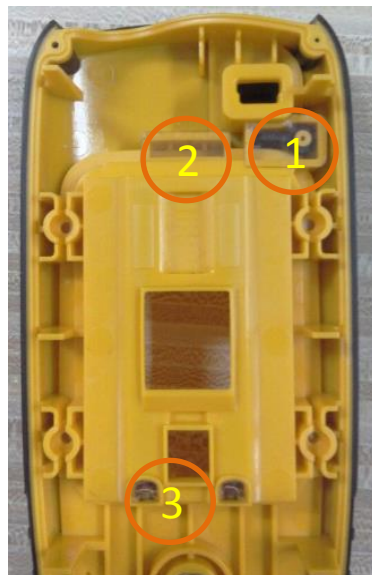
Remark: Make sure that the rubber plug position correct.



Picture 1



Picture 3



Picture 2



Picture 4

Operation Steps:

1. Before operation, please inspect the previous operation correction.
2. Prepare 3 kinds of qualified waterproof glue, as per picture 1.
3. Put these 3 kinds of waterproof glue into the designated area, as per picture 2. And add glue on 2 kinds of waterproof glue that located position ③.
4. Paste the waterproof breathable membrane of BOM, position as per picture 3.
5. Paste the waterproof glue of handle, position as per picture 4.
6. After assembly, inspect the quality.

Remark:

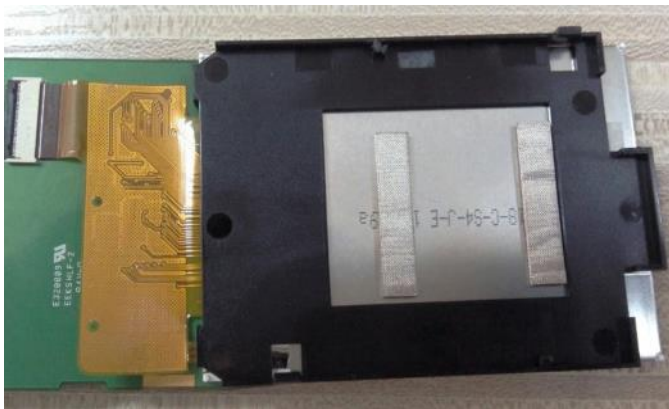
1. Make sure that the waterproof glue fixed and position correct.
2. Pay attention to the increasing of glue, to avoid overflow.



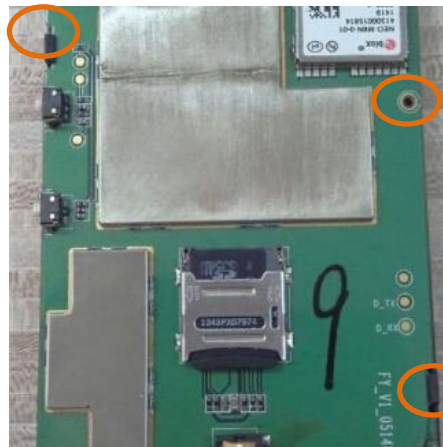
Picture 1



Picture 2



Picture 3



Picture 4

Operation Steps:

1. Before operation, please inspect the previous operation correction.
2. Prepare 1 pc qualified LCD screen and its holder, as per picture 1.
3. Tear off the back glue of LCD screen, then put the whole LCD screen on the holder, the top of LCD screen to top of holder, as per picture 2.
4. Assemble the holder with LCD screen into the interface on PCBA, as per picture 3.
5. Make sure that the FPC cable assembled to the interface, and the white cable matched into the interface.
6. After assembly, inspect the quality.

Remark:

1. Make sure that the LCD screen position correct.
2. Avoid badness.



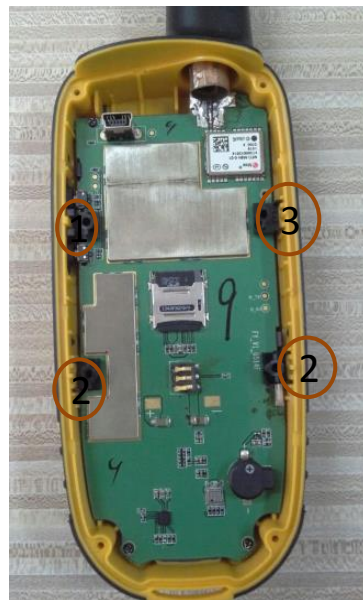
Picture 1



Picture 2



Picture 3



Picture 4

Operation Steps:

1. Before operation, please inspect the previous operation correction.
2. Prepare 1 pc assembled upper casing and qualified PCBA, as per picture 1.
3. Assemble PCBA into upper casing, before assemble, put the quad helix antenna of PCBA into upper casing, pay attention to avoid to brokedown the antenna.
4. Prepare 3 pcs qualified screws and 4 pcs positioning pillar, as per picture 3, and use approved electrical torque to rotate the screws into screw holes.
5. Assemble the positioning pillar as per picture 4, make sure assembled well.
6. After assembly, inspect the quality.

Remark:

1. The operator needs to wear gloves during operation, and make sure the keys area clear on PCBA.
2. Avoid badness.



Picture 1



Picture 2



Picture 3



Picture 4

Operation Steps:

1. Before operation, please inspect the previous operation correction.
2. Prepare 1 pc qualified waterproof rubber circle, as per picture 1.
3. Put the waterproof rubber circle on the designated area of the upper casing, as per picture 2.
4. Assemble the lower casing and upper casing together, as per picture 3.
5. Use approved electrical torque to rotate 8 pcs screws of BOM, assemble the lower casing and upper casing together, rotate the 8 pcs screws in order from 1-8, as per picture 4.
6. After assembly, inspect the quality.

Remark: Pay attention to the power to rotate, avoid broken.



Picture 1



Picture 2

Operation Steps:

1. Before operation, please inspect the previous operation correction.
2. Prepare 1 pc qualified glass of screen protection, as per picture 1.
3. Tear off the protective film on front screen, make sure it keeps clear. And tear off the glass glue on the upper casing, then paste the glass on the upper casing, as per picture 2.
4. After assembly, inspect the quality, make sure no any foreign body under the glass.

Remark: Make sure that the glass position correct and clear.



Picture 1



Picture 2

Operation Steps:

1. Before operation, please inspect the previous operation correction.
2. Prepare 1 pc qualified semi-finished product and waterproof rubber circle of battery compartment, as per picture 1.
3. Paste the waterproof rubber circle into the lower casing, and press the rubber circle to close to the battery compartment, as per picture 2.
4. After assembly, inspect the quality.

Remark: The operator needs to wear gloves during operation, and make sure the rubber circle position correct.



Picture 1



Picture 2

Operation Steps:

1. Before operation, please inspect the previous operation correction.
2. Prepare 1 pc qualified battery cover, assemble the handle, as per picture 1.
3. Paste 1 pc foam on the battery cover, as per picture 2.
4. After assembly, inspect the quality.

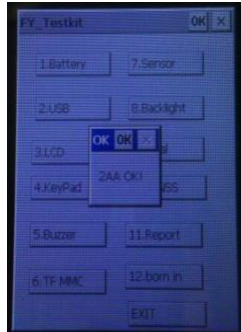
Remark: Make sure the handle of battery cover is working before operate this step.



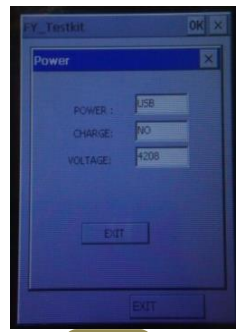
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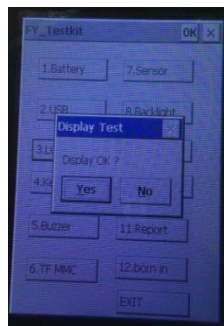
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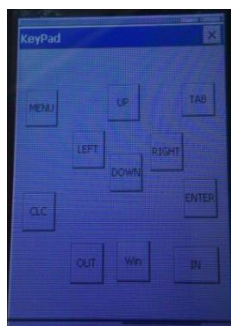
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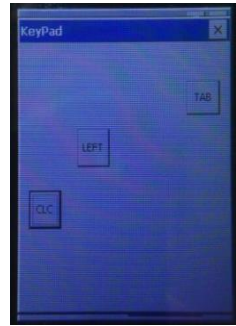
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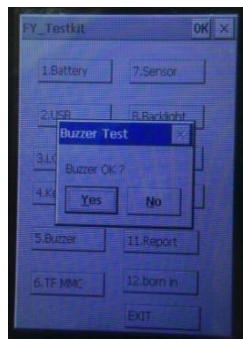
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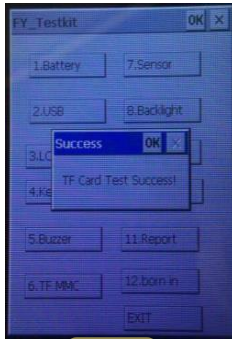
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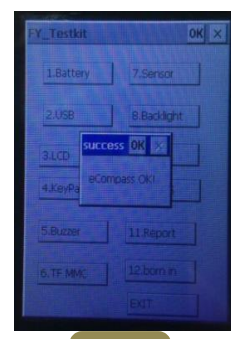
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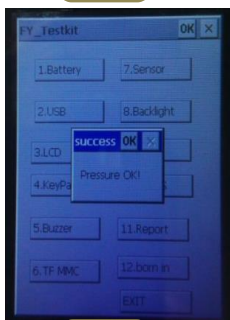
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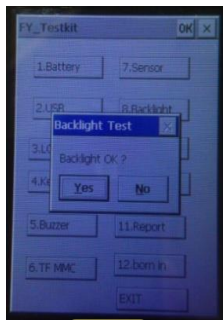
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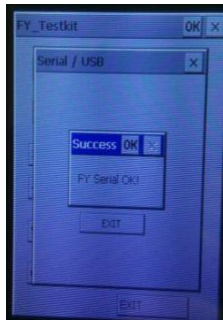
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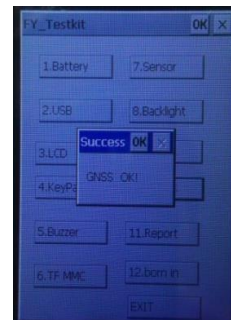
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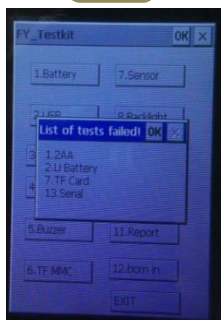
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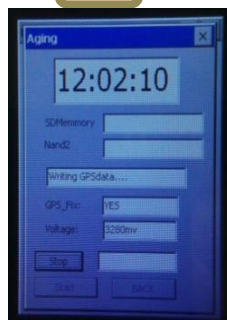
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Finished Product Testing



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