

APK Calibration user manual for D22

User Manual for Apk “GLP Func Test” D22

This user manual is to guide the personnel of Service Center to operate the Apk GLP Func Test for D22

GLP Func Test is needed to perform calibration of hardware components including Accelerometer, Ambient Light Sensor and Proximity Sensor on D22 devices.

This manual will describe the operation steps of calibration in sequence of Proximity Sensor,
Ambient Light Sensor and Accelerometer,

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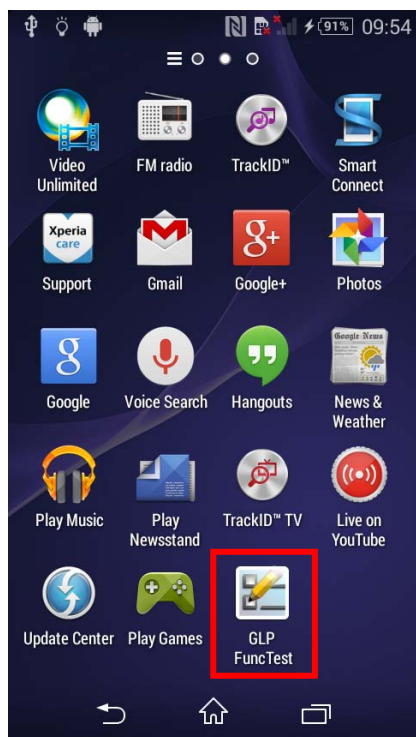
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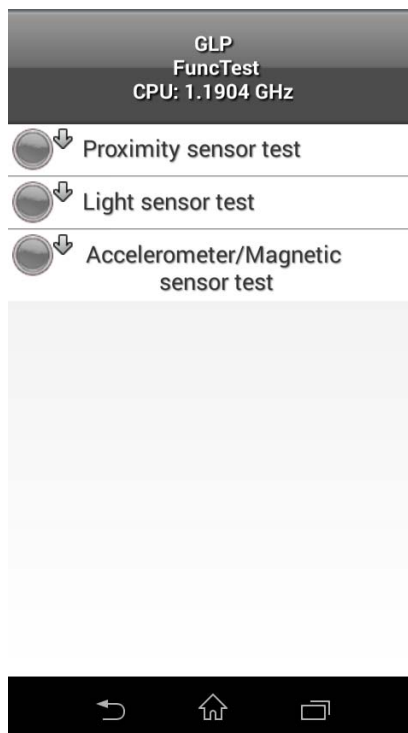
1. How to enter calibration menu:

Press GLP Func Test (Picture 1-1) to enter Calibration menu (Picture 1-2)

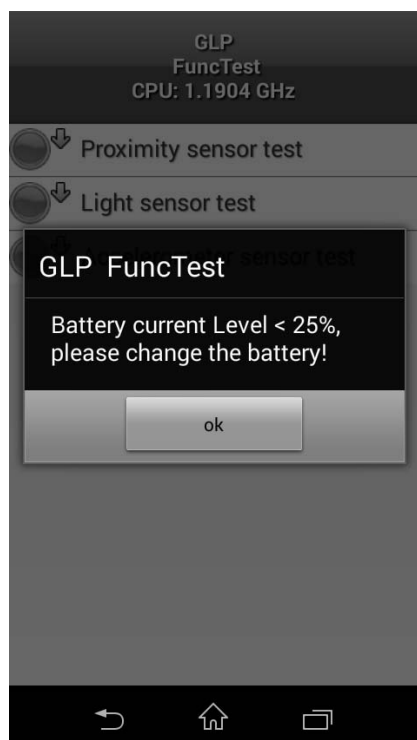
If battery below 25% please charge the battery (Picture 1-3)



Picture 1-1



Picture 1-2



Picture 1-3

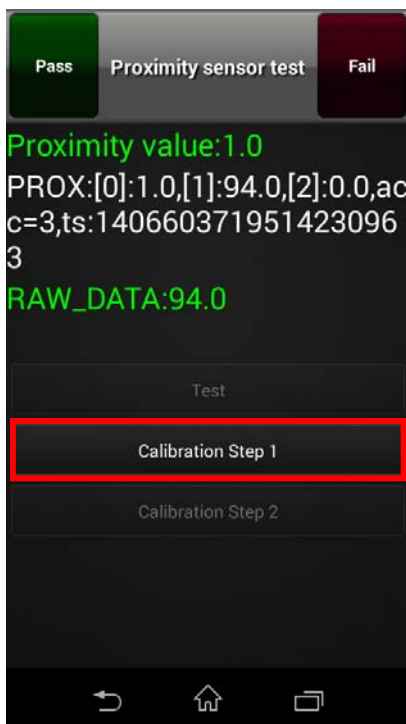
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1.1 Proximity sensor Test:

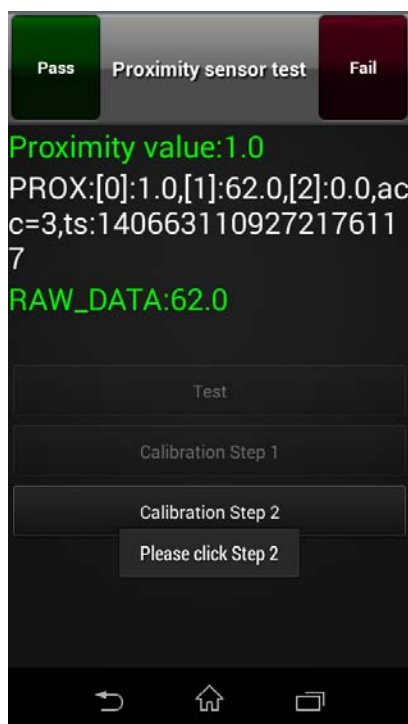
Prepare a Proximity fixture C23/D2x to cover the Proximity sensor by the distance of 3 cm above the device.

Press Proximity sensor test to enter calibration and test.

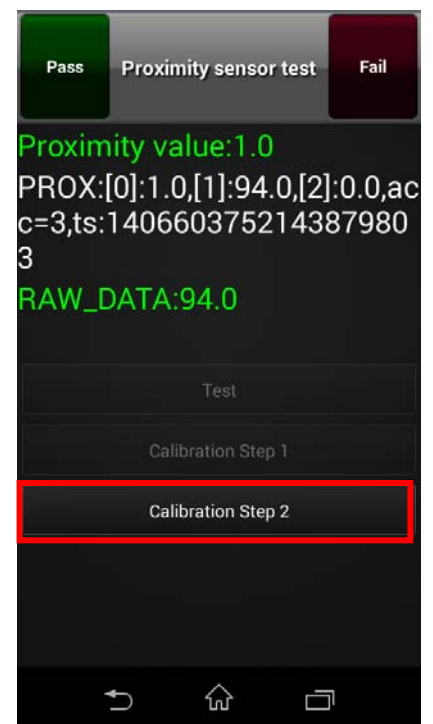
- Putt phone into fixture, and then click the “Calibration Step1” as shown in Picture 1.1-1.
- Remove phone from fixture, and then click the “Calibration Step2” as shown in Picture 1.1-3.
- After the end of the Calibration, the button “Test” becomes clickable. Then, putt phone into fixture.
Click the Test button as shown in Picture 1.1-5, then remove phone from fixture, the phone will automatically determine whether to pass the test.
- If the test is fail as shown in Picture 1.1-7, you can also press the Fail button to return main menu of GLP, and test again as shown in Picture 1.1-8 and Picture 1.1-9.



Picture 1.1-1

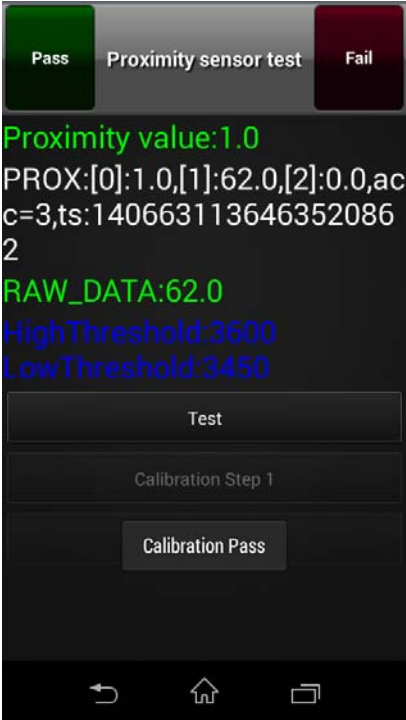


Picture 1.1-2



Picture 1.1-3

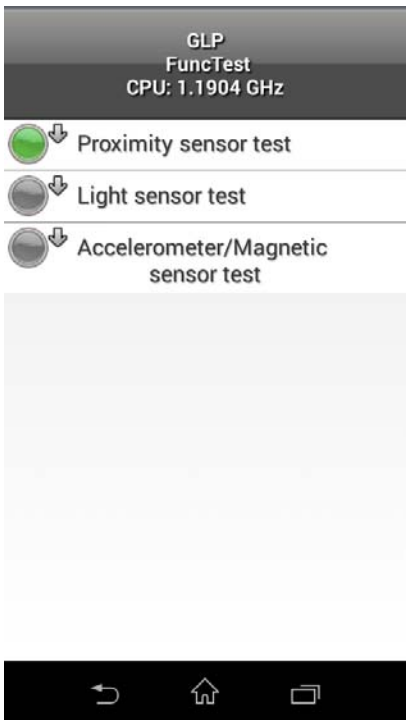
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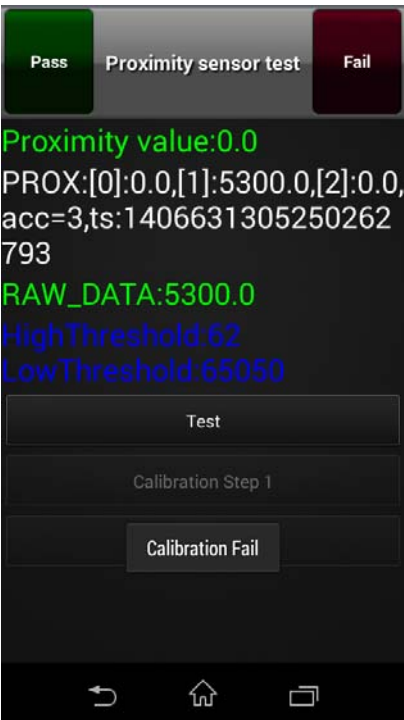
Picture 1.1-4



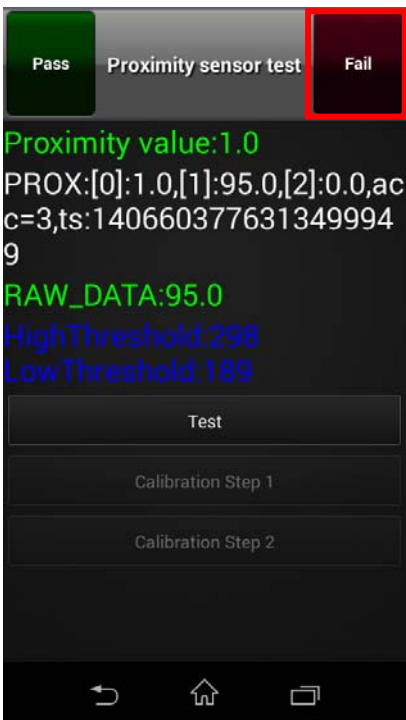
Picture 1.1-5



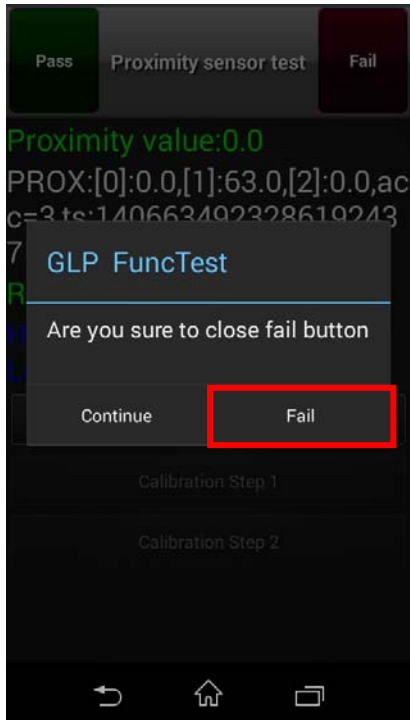
Picture 1.1-6



Picture 1.1-7



Picture 1.1-8



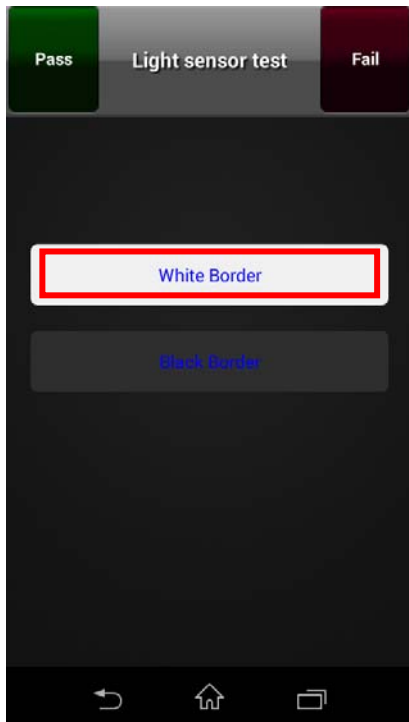
Picture 1.1-9

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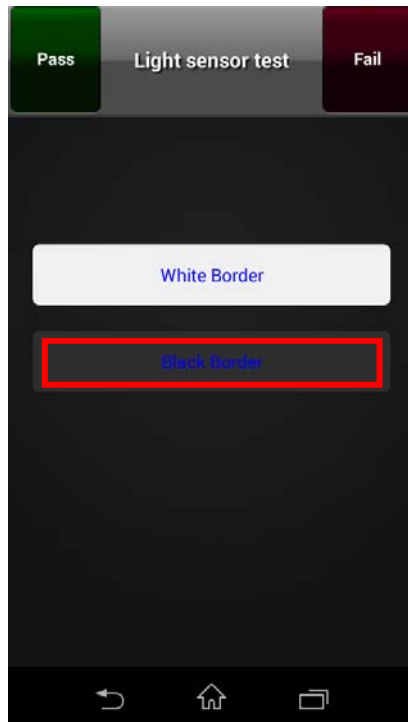
1.2 Light sensor Test:

Press Light sensor test to enter light sensor settings.

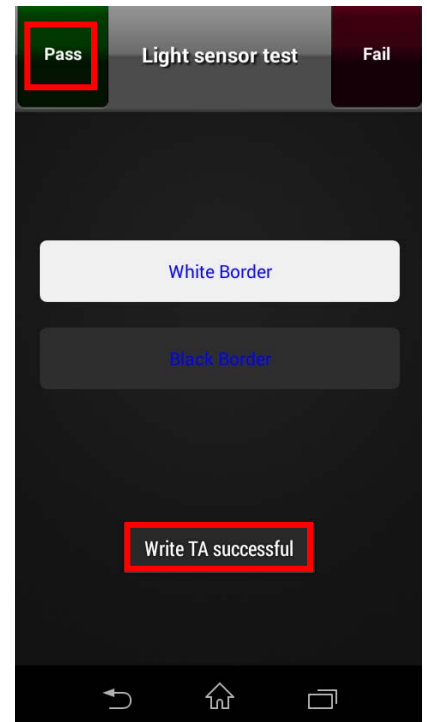
- a. Press White Border button if front cover are white as shown in Picture 1.2-1.
- b. Press Black Border if front cover are black as shown in Picture 1.2-2.
- c. If Write TA successful as shown in Picture 1.2-3 then press Pass button.



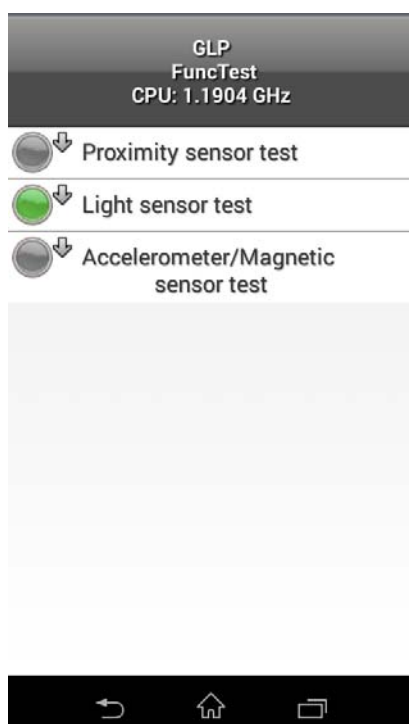
Picture 1.2-1



Picture 1.2-2



Picture 1.2-3

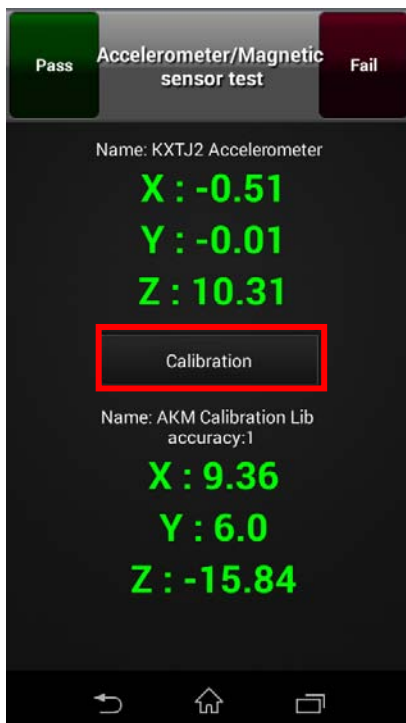


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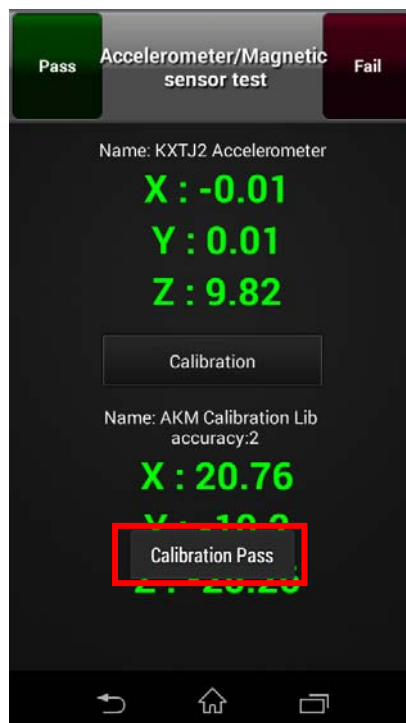
1.3 Accelerometer/Compass:

Press Accelerometer sensor test to enter accelerometer calibration.

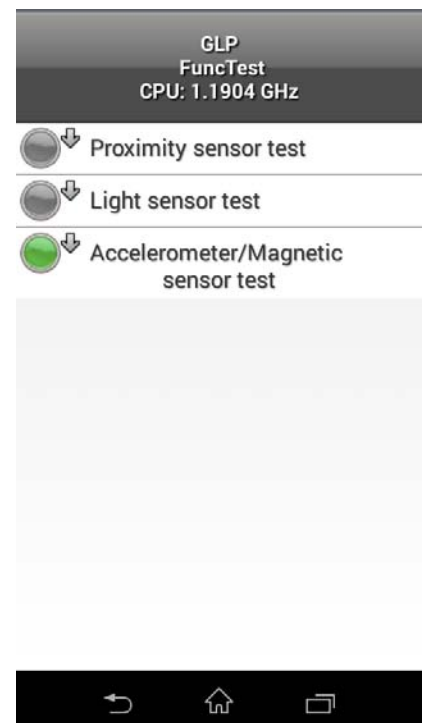
- Keep the phone on the desktop adjusted in level ,then click the Calibration button as shown in Picture 1.3-1, the phone will automatically determine whether to pass the test.
- If the test is successful as shown in Picture 1.3-2, press the Pass button to return main menu of GLP.
- If the test is fail as shown in Picture 1.3-4, you can re-test from step “a” or press the Fail button to return main menu of GLP as shown in Picture 1.3-4 and Picture 1.3-5.
- If a dialog is pops up as shown in Picture 1.3-7,you must turn off the Auto-rotate screen as shown in Picture 1.3-7 and Picture 1.3-8,Picture 1.3-9.Then, you can re-test from step “a” .



Picture 1.3-1

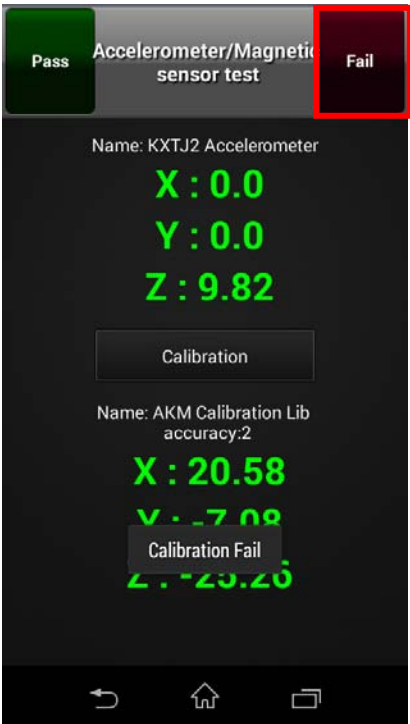


Picture 1.32



Picture 13-3

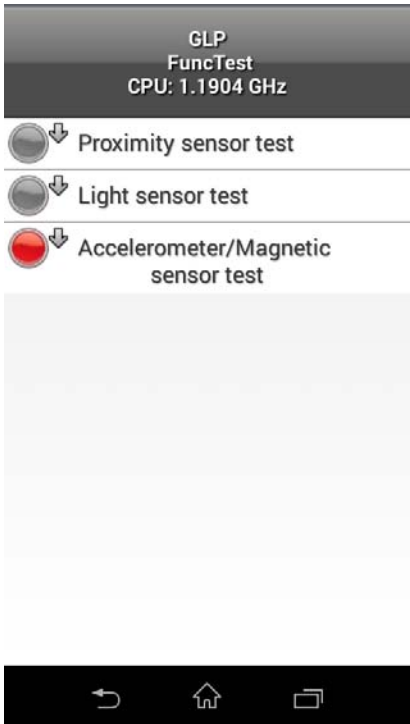
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Picture 1.3-4



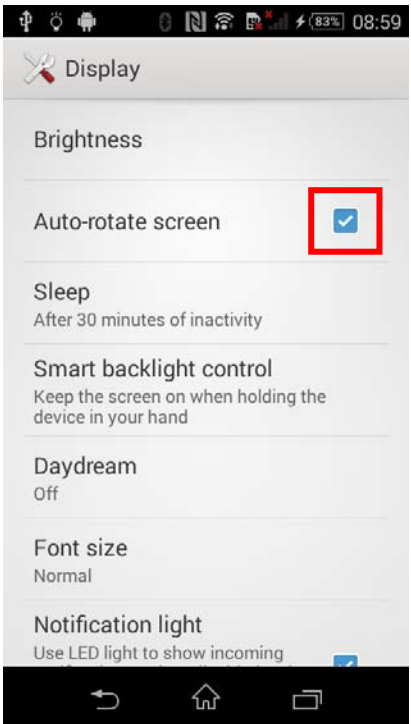
Picture 1.3-5



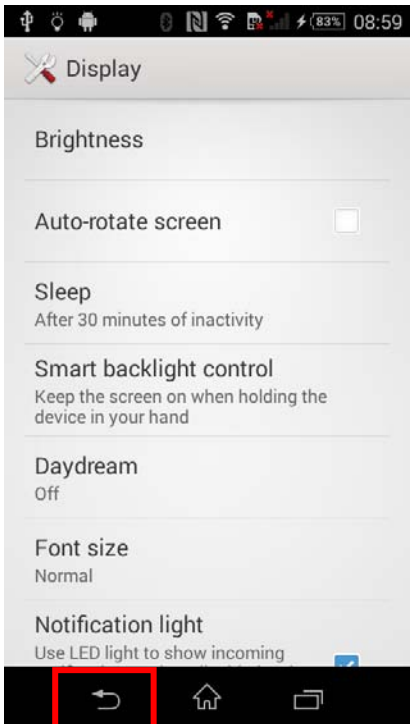
Picture 1.3-6



Picture 1.3-7



Picture 1.3-8



Picture 1.3-9