

Z-3100

Middle-Range Handheld CCD Scanner



Service Guide

Revision History

Changes to the original manual are listed below:

Version	Date	Description of Version
1.1	Aug. 19, 2010	Initial release
1.2	Dec. 16, 2010	Corrected P/N for top and bottom case, white FCC cable, and scan engine.
1.3	July. 05, 2012	Updated scanner covers
1.4	Jan. 07, 2013	Updated case parts and added double sided tape to parts
1.5	Feb. 04, 2015	Updated covers, engine board

Preface

Important Notice

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We have taken reasonable measures to provide information in this manual that is complete and accurate. However, the material in this guide is for information only; we reserve the right to make changes in product design without reservation and without prior notification. For the latest revision please contact your distributor.

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Radio Notice

This equipment generates uses and can radiate radio frequency energy. If not installed and used in accordance with the instructions in this manual, it may cause interference to radio communications. The equipment has been tested and found to comply with the limits for a Class A computing device pursuant to EN55022 and 47 CFR, Part 2 and Part 15 of the FCC rules. These specifications are designed to provide reasonable protection against interference when operated in a commercial environment.

Radio and Television Interference

Operation of this equipment in a residential area can cause interference to radio or television reception. This can be determined by turning the equipment off and on. The user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna.
- Relocate the device with respect to the receiver.
- Move the device away from the receiver.
- Plug the device into a different outlet so that the device and the receiver are on different branch circuits.

If necessary the user may consult the manufacturer, and authorized dealer, or experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful: "How to Identify and Resolve Radio-TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, DC 20402 U.S.A., Stock No. 004000003454.

For CE-Countries

This scanner is in conformity with CE standards. Please note that an approved, CE-marked power supply unit should be used in order to maintain CE conformance.

This manual is in A4 format. Please check your printer setting before printing it out.
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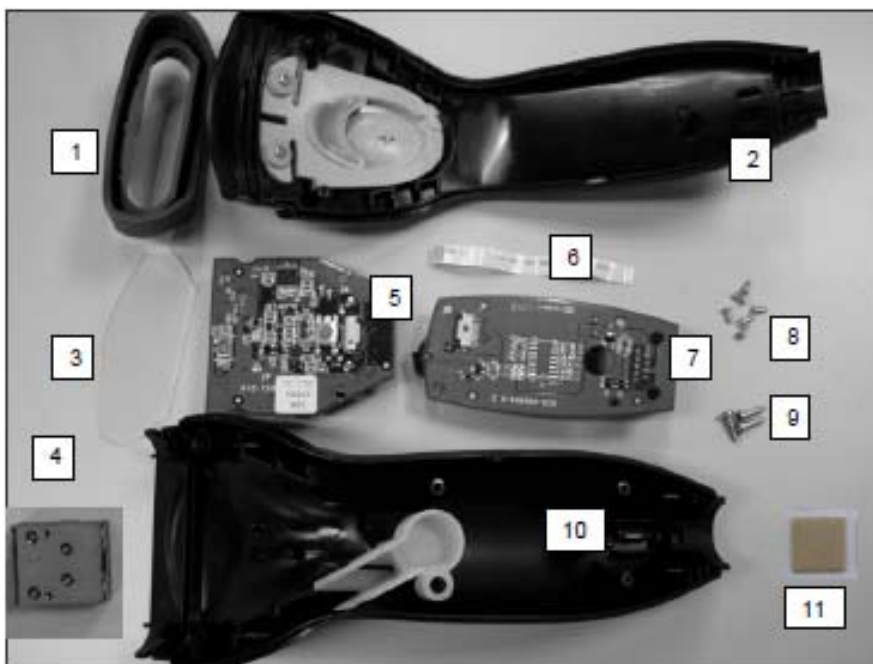
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Scanner Parts

The scanner includes the following parts:

Original



NO.	P/N	Name	Quantity
1	600-B30000-081	Front cover	1
2	560-030001-848	Top case (Black)	1
	560-030001-847	Top case (White)	
	560-030001-092	Gray Trigger	1
	689-100000-291	LED (Lamps)	1
	521-001000-3R5	Self-tapping screw M1.2-3.5mm round: Philips head (pointed)	2
3	684-100000-391	Dust Cover	1
4	863-100012-601	Scan engine	1
5	613-000004-202	Engine board	1
6	031-006010-520 (031-006010-600)	White FFC cable	1
7	613-000004-202	Main board	1
8	521-202000-4R0	Self-tapping screw M1.6-4.0mm, flat, Philips head	6
9	521-003000-8R0	Self-tapping screw, M2-8.0mm, round, Philips head	3
10	560-030001-874	Bottom case (Black)	1
	560-030001-873	Bottom case (White)	
	606-030000-041	Buzzer	1
11	640-031000-001	Double sided tape	1

New

NO.	P/N	Name	Quantity
1	600-B30000-081	Front cover	1
2	684-100000-015	Dust cover	1
3	560-031000-024*	Top case (Grey)	Select 1
	560-031000-020*	Top case (Black)	
4	863-310001-017	Trigger assembly	1
5	863-310002-715	CCD engine	1
6	560-031000-022*	Bottom case (Grey)	Select 1
	560-031000-021*	Bottom case (Black)	
7	613-000004-202	Main board assembly	1
8	031-006010-520	FFC cable	1
9	640-031000-001	Double sided tape	1
10	521-202000-4R0	Self tapping screw M1.6-4.0mm, flat head	6
11	521-113000-5R0*	Self tapping screw, M2-5.0mm, square head	2
12	521-003000-8R0	Self tapping screw, M2-8.0mm, round head	3

***Note:** Due to the difference of screws, the new top and bottom covers are not backward-compatible with the original top and bottom cases. In addition, please only use the screws designed for the cases as listed to avoid any damage to the cases. The rest of the parts , however, are compatible with each other.

Take Apart Before You Start

Important Instructions

- Read these instructions completely before you begin.
- Follow all instructions.
- Heed all warnings.

Tools to Prepare

- Philips screwdriver.

Please follow these steps to take apart Z-3100.

1. Remove the front cover of the scanner.



2. Remove the screws as pointed in red arrows using a screwdriver.



3. Remove the top case and the dust cover.



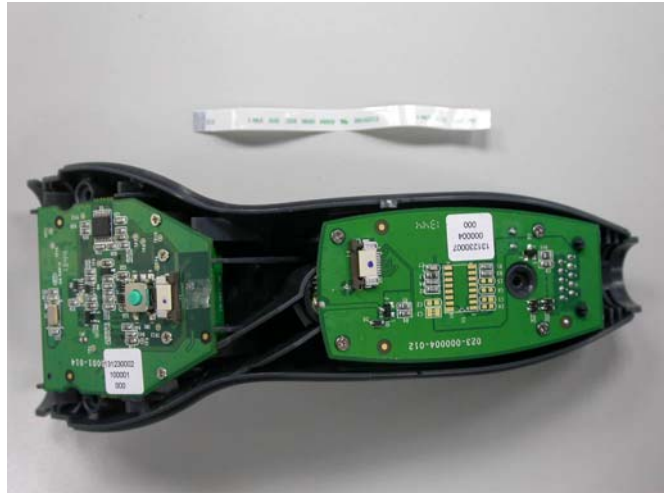
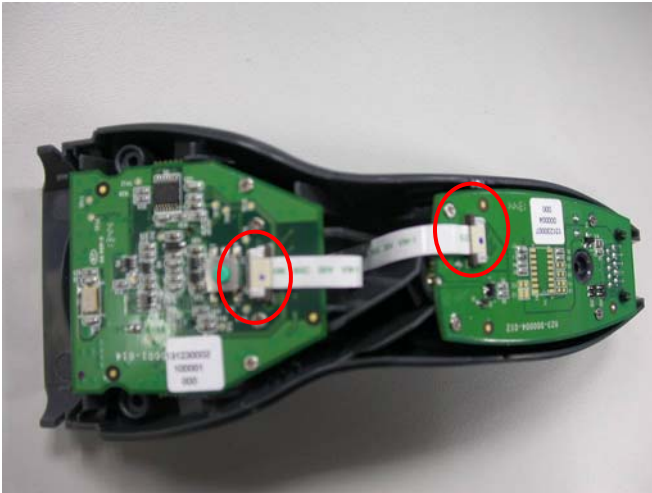
4. Remove the screws from trigger.



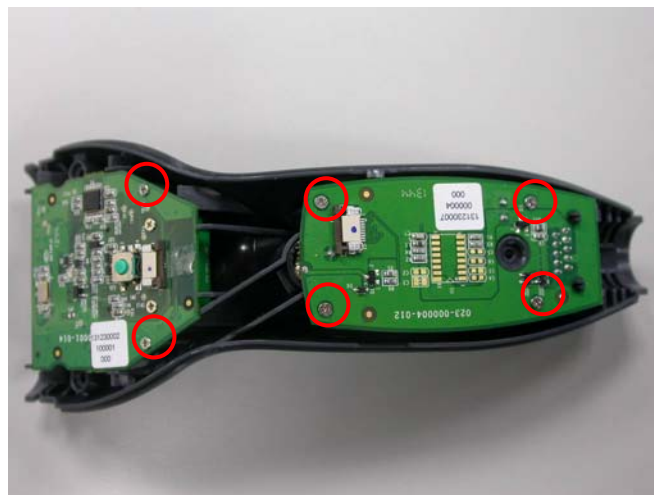
5. Remove the trigger and the top case.



6. Remove the white FFC cable from the bottom case as marked in red



7. Remove the screws as marked in red.



8. Separate the boards from the bottom case.

