

WORKABOUT PRO AUTO-RANGING SCANNER WA9009 INSTALLATION

I. Introduction



Warning: The installation of this scanner/imager end-cap must be performed using the appropriate anti-static devices. If unavailable, discharge static from your body by touching a grounded metallic object before opening any covers on the unit.



Warning: The use of optical instruments with this product will increase eye hazard. This product may contain a laser scanner that emits less than 1.4 mW maximum radiant power at a wavelength of 650 nm. This product complies with CRH 21 CFR 1040 Class II and IEC 60825-1:1993+A1:1997+A2:2001 Class 2 laser product

The Auto-Ranging Scanner kit, model WA9009, includes a special end-cap incorporating a scanner and beeper, plus a backplate incorporating a scanner interface board and a switch. The kit is compatible with second-generation WORKABOUT PRO units (model numbers 7527C-G2 and 7527S-G2). The switch is intended to interface with the Model WA6103 Pistol Grip; a screw-in cover plate is provided for users who do not require the Pistol Grip.

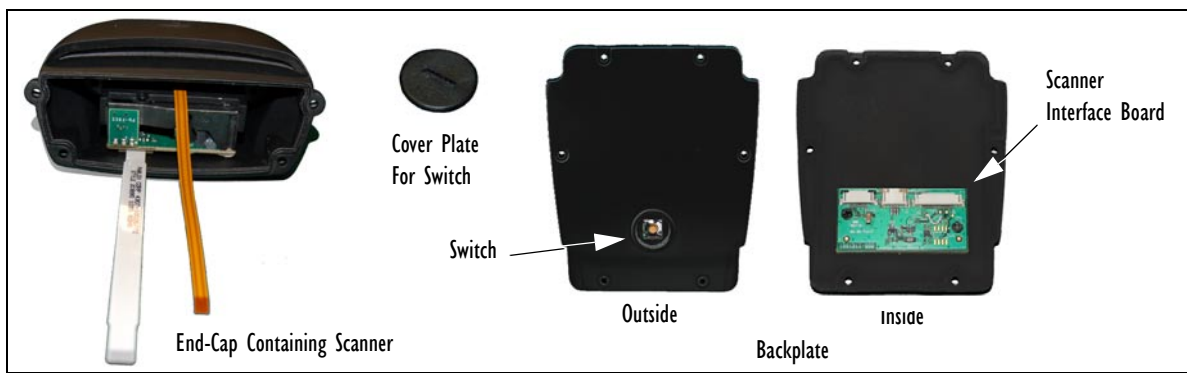


Figure 1 Auto-Ranging Scanner Kit Contents

2. Installation



Important: Back up any data in RAM first, since it will be erased when the internal power of the WORKABOUT PRO is turned off.

1. If your unit is using AC power, disconnect it.
2. Remove the stylus from the end-cap to use in removing the battery pack cover.
3. Remove the battery pack.
4. Switch off internal power (see Figure 2 for switch location).
5. Remove the original backplate from the unit.

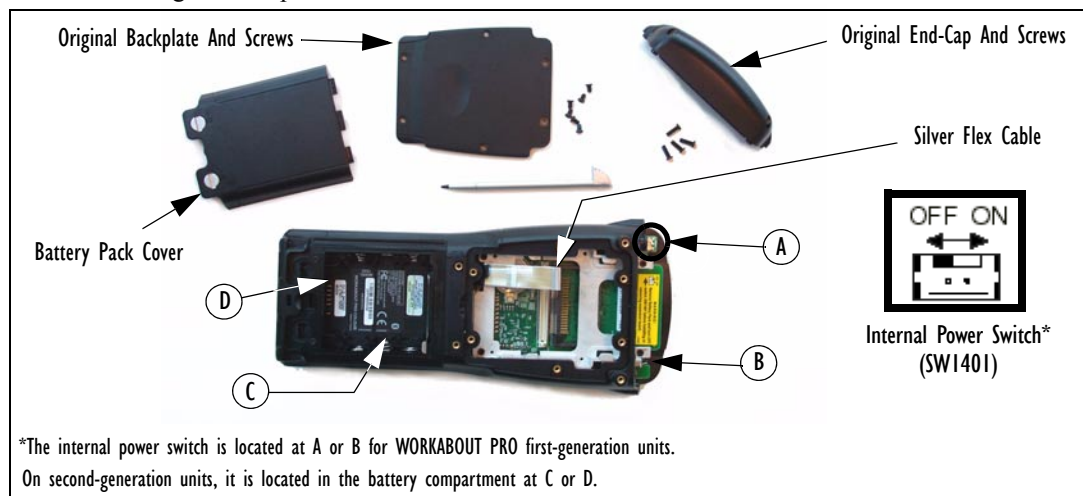


Figure 2 Disassembling The WORKABOUT PRO

6. Unlatch the three connectors on the interface board on the new backplate.

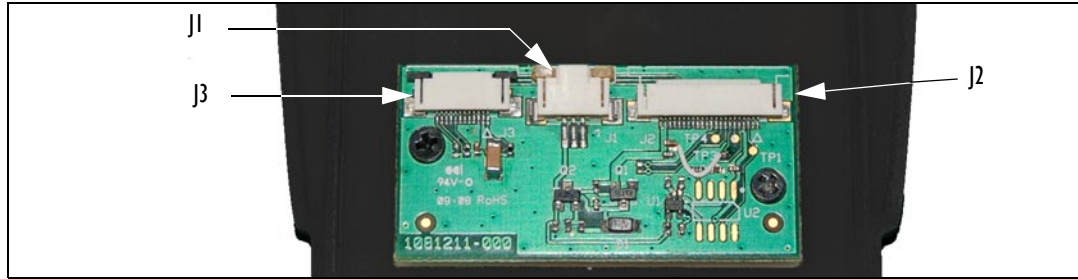


Figure 3 The Interface Board On The Backplate

7. Position the lower end of the new backplate next to the back opening of the unit.
8. Insert the 22-pin flex cable from the main logic board of the WORKABOUT PRO into J2 on the interface board. The contacts on the flex cable face towards the circuit board:

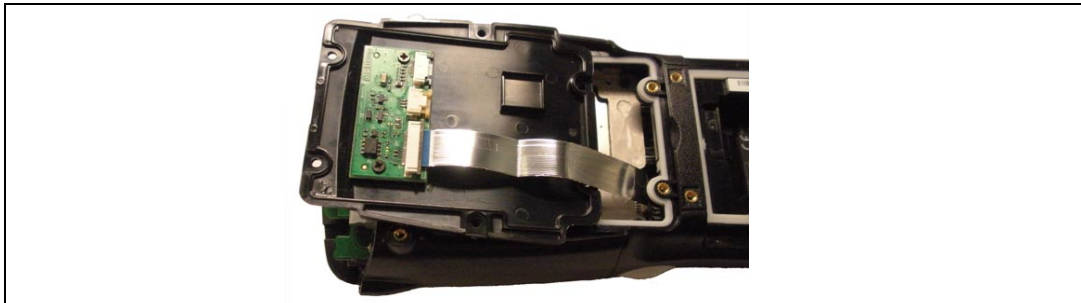


Figure 4 Positioning The Backplate

9. Latch the connector.
10. Flip the backplate to the other side of the opening in the unit.
11. Place the new scanner end-cap next to the WORKABOUT PRO.
12. Pass the two flex cables from the end-cap through the end of the unit.
13. Place the new end-cap onto the unit.
14. Tighten the end-cap screws provided with the kit to a torque of 3 lb-in (0.34 N·m) or until finger-tight.



Figure 5 Flex Cables From End-Cap

15. Insert the 15-pin flex cable from the scanner into J3 of the interface board. The contacts on this flex cable face away from the circuit board:

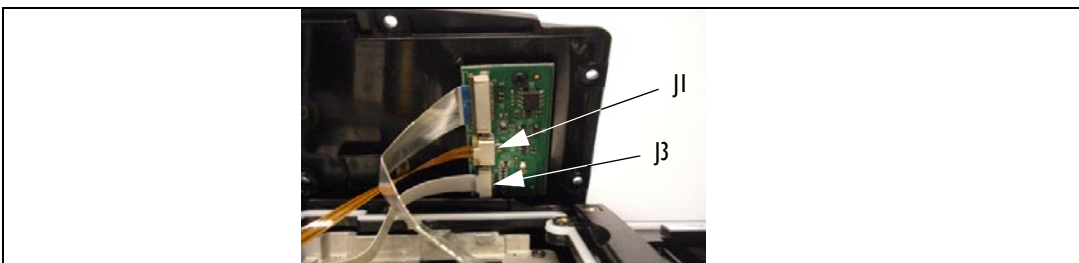


Figure 6 Flex Cables Into Interface Board

16. Latch the connector.
17. Insert the narrow 3-pin flex cable from the beeper into J1 of the interface board. The contacts on this flex cable face away from the circuit board.
18. Latch the connector.
19. Turn the backplate over:

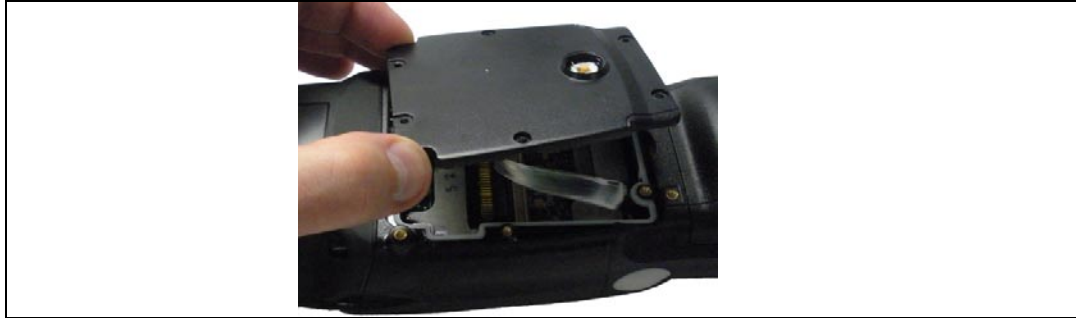


Figure 7 Align The Backplate

20. Fasten the new backplate onto the WORKABOUT PRO using the supplied screws (part number 9009770):.



Figure 8 Fasten The Backplate.

21. If you are not installing the Pistol Grip, screw in the cover plate for the switch.
22. Switch power back on.
23. Insert the battery.
24. Close the battery compartment.

3. Enabling The Scanner

25. Simultaneously press and hold down the [BLUE][ENTER] and left [SCAN] keys for a minimum of 6 seconds.
26. At the Command> prompt, type **s** to display a menu of available scanners and imagers.



Note: To access the letter 's' on a first-generation WORKABOUT PRO S unit, press [ALPHA], press [7] four times, and then press [ALPHA] again. On a second-generation WORKABOUT PRO S unit, press [FN], press [7] four times, and then press [FN] again.

27. From the menu displayed, type the number that corresponds with the type of scanner or imager installed in your unit.
28. At the Command> prompt, type **1** (one) to reboot the unit to the main OS.

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