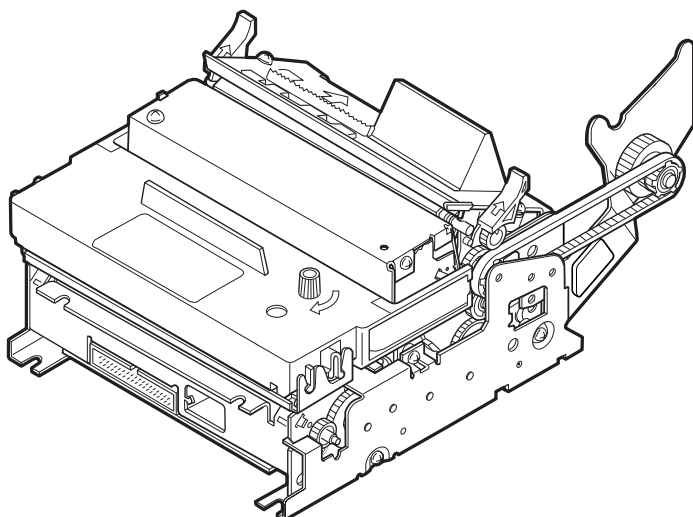


SHARP SERVICE MANUAL

CODE : 00ZDP750SM/-E



Serial Dot Matrix Printer

MODEL DP-750

CONTENTS

CHAPTER 1. Printer Handling and Maintenance	1
CHAPTER 2. Specifications and Operation Principles	2
CHAPTER 3. Disassembly and Assembly	10
CHAPTER 4. Troubleshooting.....	29
PARTS GUIDE (PRINTER ASSEMBLY : KI-OB2014RC01)	
APPLICATION MODEL : UP-600 ("U" & "A" version)	

Parts marked with "△" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

INTRODUCTION

This manual explains the operation principles and servicing procedures for the Citizen dot matrix printer DP750 series. It is written for personnel servicing these printers in the field.

FEATURES

The DP750 series printer are a station printers providing 45 mm x 2 line print capability. Developed for POS/ECR applications, the printers offer the following features.

- The High-performance 9-pin print head with a print speed of approx 3.0 lines per second ensures high-quality printouts.
- Clamshell design (opening and closing mechanism for the paper feed section) makes paper loading easy and facilitates easier maintenance.
- Pull-type paper transport reduces risk of paper jams.
- Versatile array of options:
Take-up device, paper feed device, validation sensor, receipt/journal near-end sensor.

CONTENTS

CHAPTER 1. Printer Handling and Maintenance	1	CHAPTER 3. Disassembly and Assembly	10
CHAPTER 2. Specifications and Operation Principles	2	3-1 Required Tools	10
2-1 General Specifications	2	3-2 Disassembly Procedure	10
2-2 Mechanism Outline	4	3-3 Assembly Procedure	10
2-3 Mechanism and Operation Principles	4	3-4 Adjustment	23
2-3-1 Drive Force Transmission Assembly	4	3-4-1 Print Speed Adjustment	23
2-3-2 Sensor Assembly	4	3-4-2 Platen/Head Gap Adjustment	24
2-3-3 Print Head Assembly	5	3-4-3 Bi-directional Printing Shift Adjustment	24
2-3-4 Paper Feed Assembly	6	3-4-4 RP/HP Waveform Check	25
2-3-5 Ribbon Cassette Assembly	6	3-5 Head Assembly Replacement	26
2-3-6 Paper Take-up Assembly	7	3-5-1 Disassembly Procedure	26
2-4 Connectors	8	3-5-2 Assembly Procedure	27
2-4-1 Terminal Layout	8	CHAPTER 4. Troubleshooting	29
2-4-2 Terminal Functions	8	4-1 Repair Procedure	29
2-4-3 Terminal Circuit Diagram	9	4-2 Repair Steps	29

This is a “Table of Contents preview” for quality assurance

The full manual can be found at <http://the-checkout-tech.com/estore/catalog/>

We also offer free downloads, a free keyboard layout designer, cable diagrams, free help and support.

<http://the-checkout-tech.com> : *the biggest supplier of cash register and scale manuals on the net*