MOTOMAN-CSDA10F
SUPPLEMENTAL INSTRUCTIONS

TYPE:
YR-CSDA10F-A1A (BIOMEDICAL SPECIFICATION)

Procedures described in this maintenance manual should be carried out by the person who took the maintenance-relevant trainings offered by YASKAWA. Upon receipt of the product and prior to initial operation, read these instructions thoroughly, and retain for future reference.

MOTOMAN INSTRUCTIONS
MOTOMAN-CSDA10D/CSDA10F INSTRUCTIONS
FS100 INSTRUCTIONS
FS100 OPERATOR’S MANUAL
FS100 MAINTENANCE MANUAL

The FS100 Operator’s Manual above corresponds to specific usage. Be sure to use the appropriate manual.

Please have the following information available when contacting Yaskawa Customer Support:
• System
• Primary Application
• Software Version (Located on Programming Pendant by selecting:
  (Main Menu) - (System Info) - (Version))
• Robot Serial Number (Located on robot data plate)
• Robot Sales Order Number (Located on controller data plate)

Part Number: 185266-1CD
Revision: 0
Introduction

This supplementary instruction manual describes how YR-CSDA10F-A1A (hereinafter referred to as CSDA10F-A1A) is different from the YR-CSDA10D/CSDA10F-A10 (hereinafter referred to as CSDA10D/CSDA10F-A10).

Read this supplementary instruction manual thoroughly together with the following instruction manual:

"MOTOMAN-CSDA10D/CSDA10F INSTRUCTIONS"

(Type: YR-CSDA10D/CSDA10F-A10) for standard specification, Manual No. HW1481698)

Points of Differences

The CSDA10F-A1A differs from the CSDA10D/CSDA10F-A10 in the following points:

• Location of internal user I/O wiring harness and air lines (Chapter 7)
• Internal Connections (Chapter 8)
• Recommended Spare Parts (Chapter 10)

The differences are described based on "MOTOMAN-CSDA10D/CSDA10F INSTRUCTIONS" (Manual No.HW1481698). Read this manual thoroughly replacing the subject matters for changes with this supplementary instruction manual.
7 System Application

7.1 Internal User I/O Wiring Harness and Air Lines (Page 7-1)

Because a Internal User I/O Wiring Harness and Air Lines are changed from CSDA10D/CSDA10F-A10, fig. 7-1 “Connectors for Internal User I/O Wiring Harness and Air Line”.Fig. 7-2 “Details of the Connector Pin Numbers” changes.

Fig. 7-1: Connectors for Internal User I/O Wiring Harness and Air Line
Fig. 7-2: Details of the Connector Pin Numbers

NOTE
For wirings, refer to chapter 8.1 “Internal Connections”.

Base

Arm (R1, R2)

Gripper wiring harness: 0.1mm (6 wires each)

Gripper wiring harness: 0.2mm (6 wires each)
8 Electrical Equipment Specification

8.1 Internal Connections

Because Cable for outside axes addition, Internal User I/O Wiring Harness is special and Air Lines are changed, fig. 8-1(a) and fig. 8-1(b) and fig. 8-1(c) and fig. 8-1(d) are changed, and fig. 8-1(e) becomes the addition.
Fig. 8-1(b): Internal Connection Diagram
Fig. 8-1(d): Internal Connection Diagram
Fig. 8-1(e): Internal Connection Diagram
Following items are replaced with CSDA10D/CSDA10F-A10 recommended spare parts.

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<th>Qty</th>
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<td>5</td>
<td>Arm Unit</td>
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