

Control Card

VLT® AutomationDrive FC 360 90–315 kW, Enclosure Sizes J8–J9

1 Overview

1.1 Description

This installation guide explains how to install the control card for enclosure sizes J8–J9 of VLT® AutomationDrive FC 360.

1.2 Items Supplied

Use these instructions with the following item.

Table 1: Items Supplied

Code number	Item description
132G0279	Control card for FC 360 J8–J9

1.3 Tools Required

Only 2 tools are required for replacing the control card:

- Torx 10 screwdriver.
- Flat-head screwdriver.

1.4 Safety Information

Only qualified personnel are allowed to install the control card described in this installation guide.

For important information about safety precautions for installation, refer to the drive's operating guide.

⚠ W A R N I N G ⚠

DISCHARGE TIME

The drive contains DC-link capacitors, which can remain charged even when the drive is not powered. High voltage can be present even when the warning indicator lights are off.

- Stop the motor, and disconnect AC mains, permanent magnet type motors.
- Wait for the capacitors to discharge fully and measure it before performing any service or repair work.
- The minimum waiting time is 20 minutes.

2 Installation

2.1 Replacement

Procedure

1. Remove the front cover of the drive.
 - a. Loosen and remove the 2 screws on the front cover.
 - b. Disconnect the front cover from the hooks.

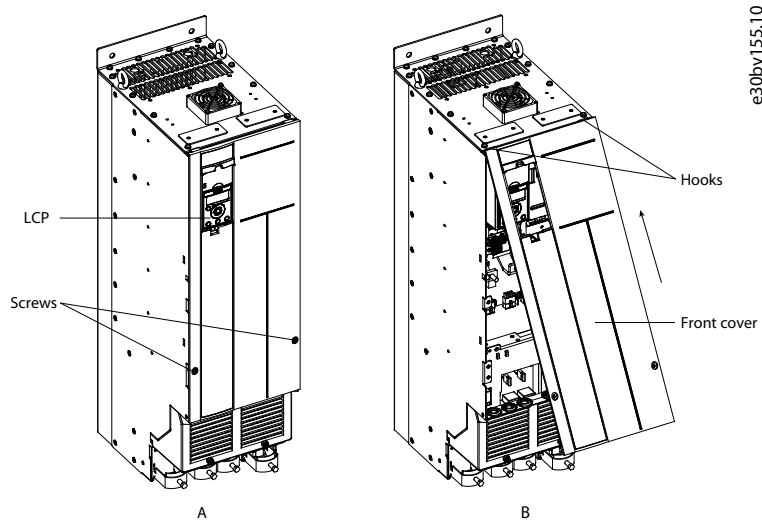


Illustration 1: Removing the Front Cover

2. Remove the LCP.

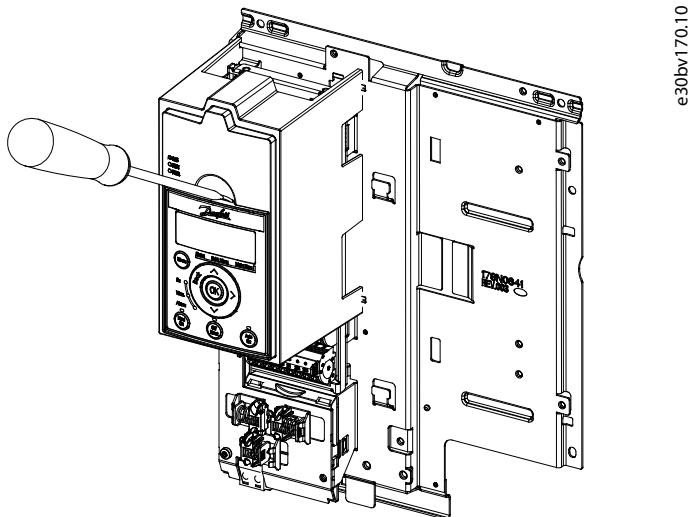
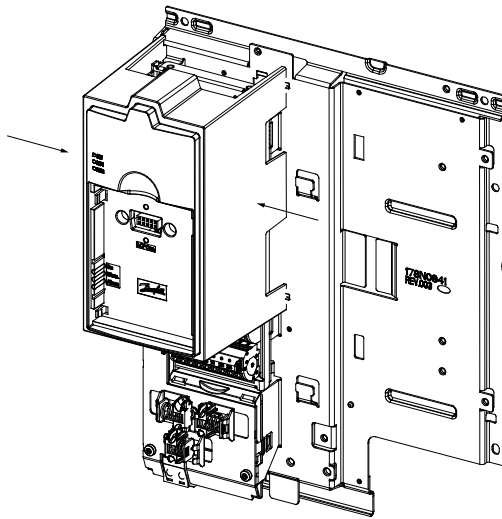


Illustration 2: Removing the LCP

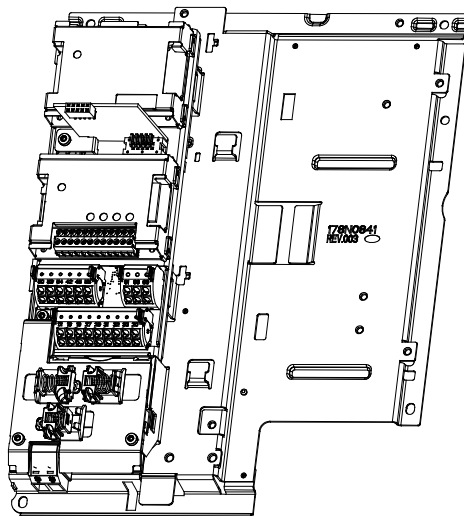
3. Remove the LCP cradle.



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Illustration 3: Removing the LCP Cradle

4. Remove all control cables from the metal bracket (spring-loaded) of the control decoupling plate.
5. Remove any A or B options that may be installed.
6. Remove the I/O terminals.



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Illustration 4: Location of Options and I/O Terminals

7. Remove the adaptor.

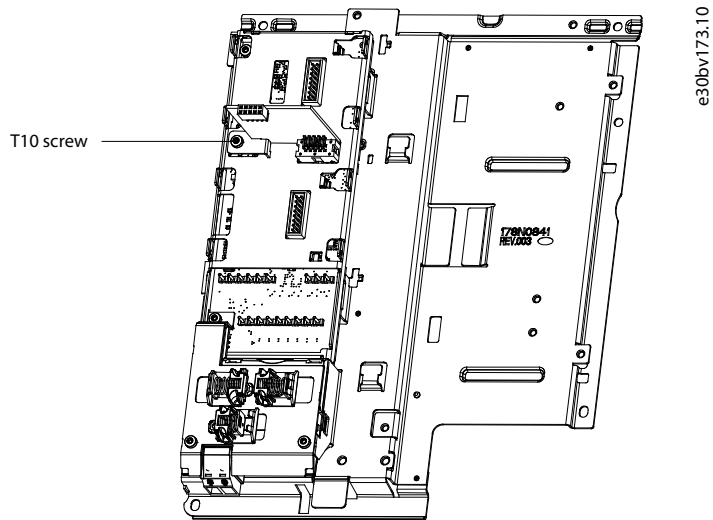


Illustration 5: Removing the Adaptor

8. Unscrew the 3 T10 screws and remove the control decoupling plate.

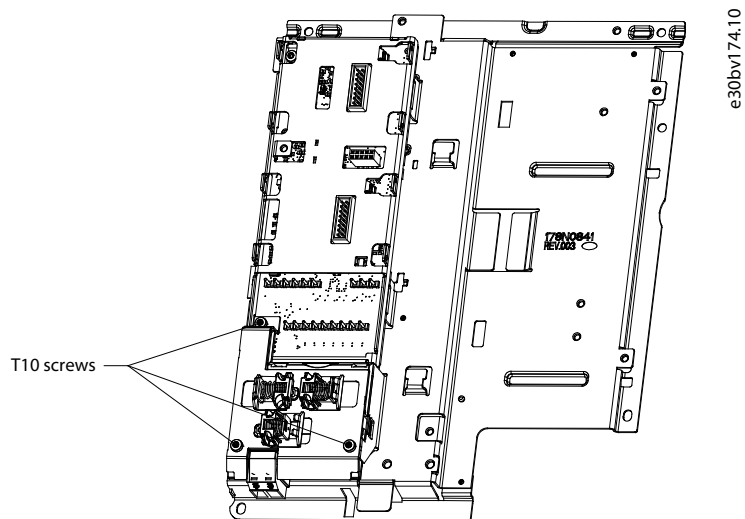
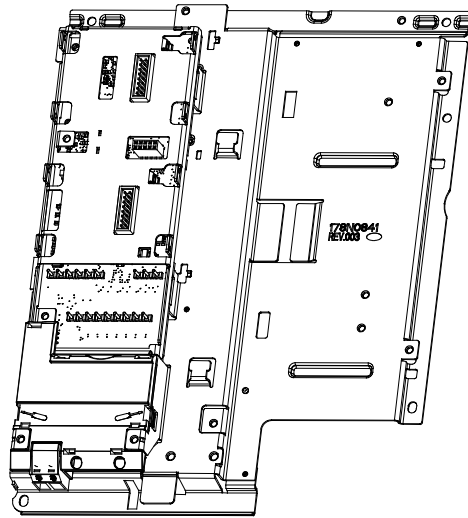


Illustration 6: Location of the Screws and Control Decoupling Plate

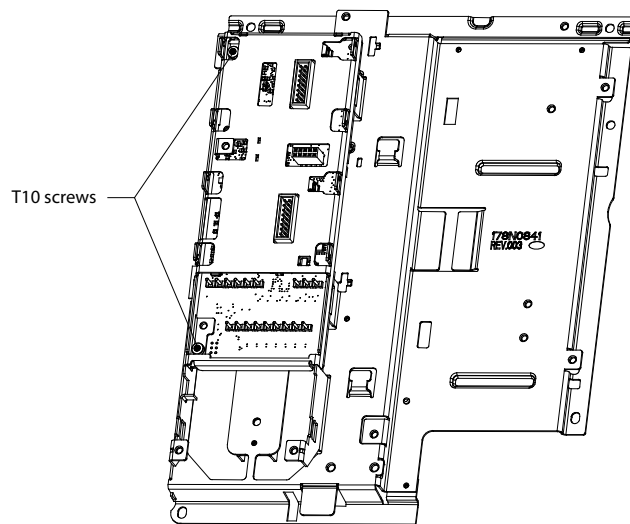
- 9. Remove any D option that may be installed.



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Illustration 7: Location of the D Option

- 10. Unscrew the 2 T10 screws and remove them.



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Illustration 8: Location of T10 screws

11. Gently remove the control card from the upper-right socket. Avoid overbending and contact with electronic components.

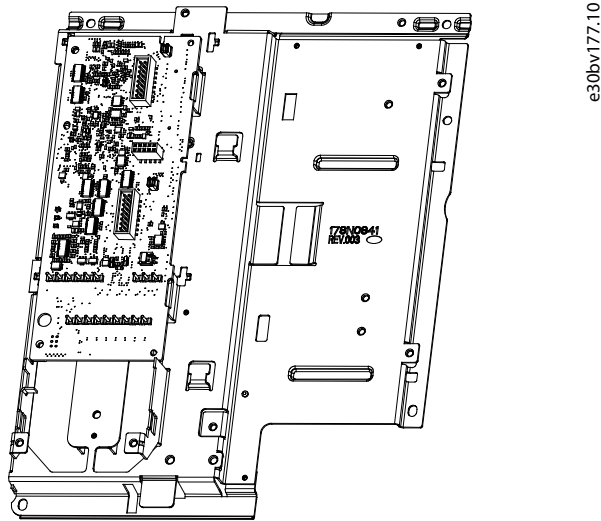


Illustration 9: Control Card and T10 Screws

➡ The control card can now be replaced. Reassemble the new control card in reverse order.

Danfoss A/S
Ulsnaes 1
DK-6300 Graasten
vlt-drives.danfoss.com

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