

FM200 Float Module
COMBINE CAB POWER KITS (MD #B7050, B7051, B7052, B7166)
INSTALLATION INSTRUCTIONS

Combine Cab Power kits connect the MacDon FM200 in-cab side draper control panel to a power source in the combine cab. The table below indicates the kits required for each combine brand.

Combine Brand	Bundle Number (MD #)
CASE NEW HOLLAND (EU)	B7166
CASE NEW HOLLAND	B7050
JOHN DEERE	B7051
CLAAS (LEXION AND TUCANO)	B7052
AGCO (CHALLENGER, FENDT IDEAL™, GLEANER, MASSEY FERGUSON, VALTRA)	B7052

This document explains how to install these kits. A list of parts included in the kits is provided.

NOTE: The in-cab side draper control panel and the combine cab control harness are not included in the kits. If they are not already installed, they will need to be ordered and installed separately. For the in-cab side draper control panel, order the Side Draper Control CNH kit (MD #328551) for Case New Holland combine brands, or the Tilt and Side Draper Control kit (MD #328550) for other combine brands; For the combine cab control harness, order the Cab Control kit (MD #328549).

NOTE: This instruction is currently available in English only.

Installation Time

Each kit requires approximately 15 minutes to install.

Conventions

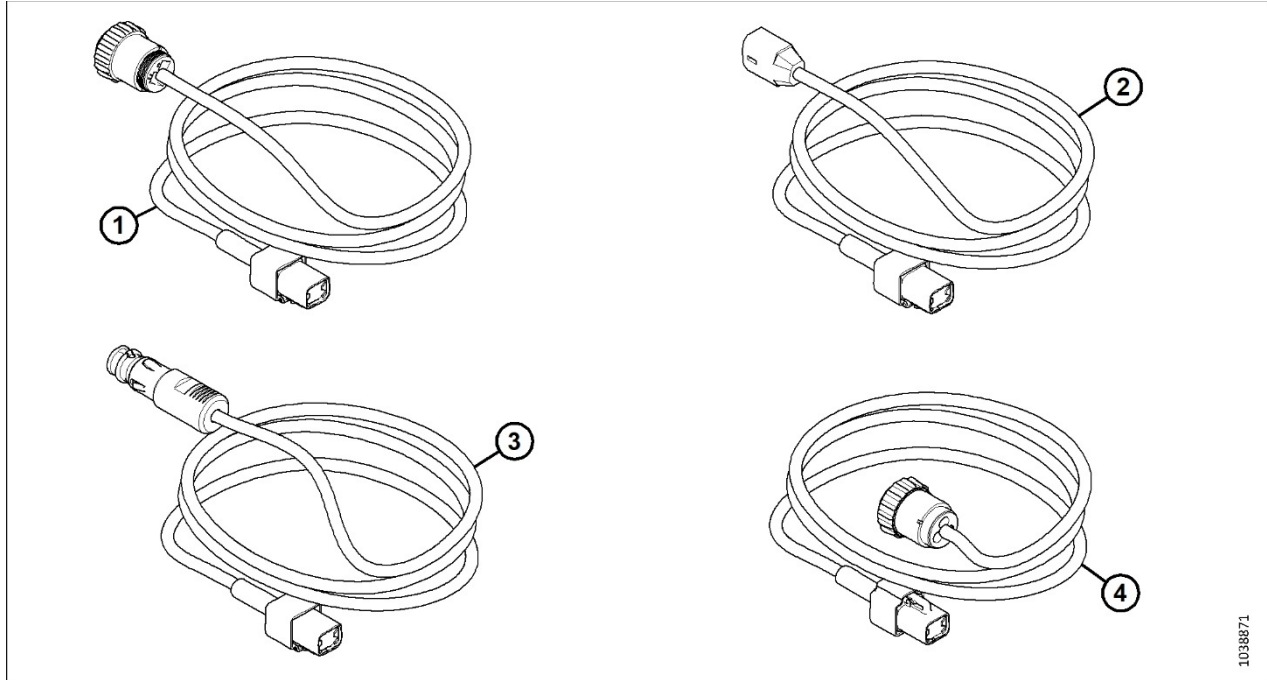
The following conventions are used in this document:

- Right and left are determined from the operator's position. The front of the header is the side that faces the crop; the back of the header is the side that connects to the combine.
- Unless otherwise noted, use the standard torque values provided in the header operator's manual and technical manual.

FM200 Float Module
COMBINE CAB POWER KITS (MD #B7050, B7051, B7052, B7166)
INSTALLATION INSTRUCTIONS

Parts List

The kits include the following parts:



Ref	Bundle Number (MD #)	Part Number (MD #)	Description	Quantity
1	B7050	308684	HARNESS – EXT, CAB PWR CPC, CNH	1
2	B7051	308942	HARNESS – EXT. CAB PWR, JD	1
3	B7052	308943	HARNESS – EXT. CAB PWR BOSCH, CLAAS	1
4	B7166	328561	HARNESS – EXT. CAB PWR CPC, CNH, EUROPE	1

FM200 Float Module
COMBINE CAB POWER KITS (MD #B7050, B7051, B7052, B7166)
INSTALLATION INSTRUCTIONS

Installation Instructions

To install the Combine Cab Power kits, follow these steps:



DANGER

To prevent bodily injury or death from the unexpected startup of the machine, always stop the engine and remove the key from the ignition before leaving the operator's seat for any reason.

NOTE: throughout these instructions, when parts included in the kit are initially referenced, the part name is followed by its MacDon part number (MD #xxxxxx). If the part is not sold separately, the part name is followed by (MD #NSS). For more information, cross reference the part number to the parts list description and illustration.

NOTE: This procedure assumes that the in-cab side draper control panel and the combine cab control harness have already been installed in the combine cab.

1. Shut off the combine's battery disconnect. For instructions, refer to the combine operator's manual.
2. Unpack the Cab Power Extension Harness (MD #308684, 308942, 308943, or 328561) from the shipping bag and uncoil.
3. In the combine cab, locate in-cab side draper control panel (A) and the combine cab control harness connected to it.

NOTE: In Case and New Holland combines, control panel (A) is bolted to the monitor support rail.

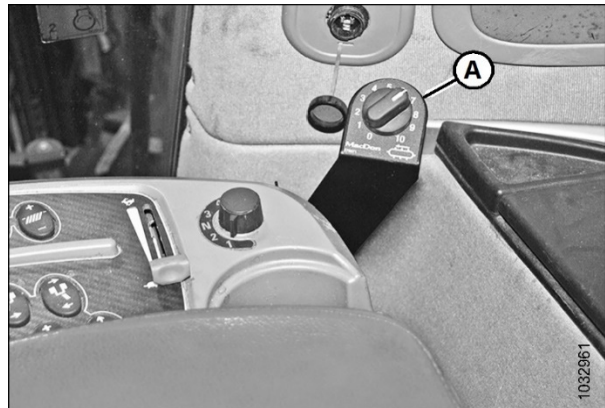


Figure 1: Cab Control Panel Installed in a Case or New Holland Combine

NOTE: In other combines, control panel (A) is secured to the window, or console, with a suction cup.

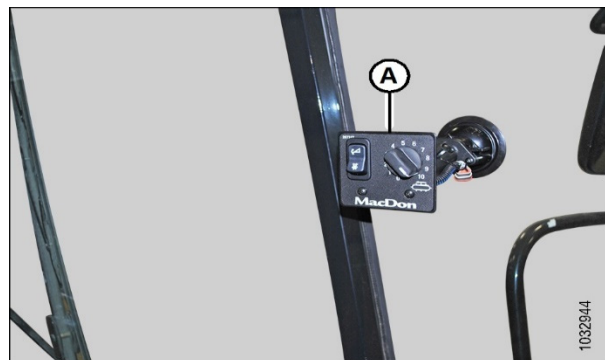


Figure 2: Control Panel Installed on the Cab Window

FM200 Float Module
COMBINE CAB POWER KITS (MD #B7050, B7051, B7052, B7166)
INSTALLATION INSTRUCTIONS

4. Plug connector C83A on the cab power extension harness into connector C83B on the combine cab control harness.
5. For **AGCO (CHALLENGER, FENDT IDEAL™, GLEANER, MASSEY FERGUSON, VALTRA)** combines – Plug connector P910 on the cab power extension harness into the cigarette lighter.

NOTE: Ensure the port on the combine is to key switch power, otherwise the in-cab Side Draper Speed Control kit could drain the combine battery during extended shutdown periods.

6. For **Case and New Holland combines** – Locate the CPC connector in the combine cab and plug connector P910 into it.

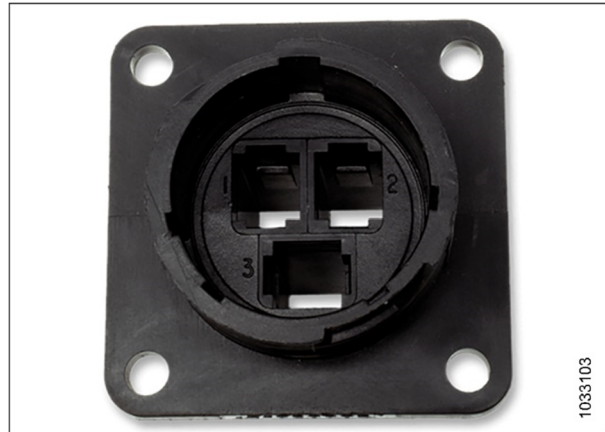


Figure 3: Case New Holland CPC Connector

All CaseIH and New Holland (CNH) combines are compatible with kit MD #B7052; however, depending on the combine model year, kit MD #B7050 (or B7166) is recommended. The table below indicates which kit to use depending on the model year.

Combine Brand	Series Model	Model Year	Bundle Number (MD #)
CaseIH	7/8/9010, 7/8/9120, 7/8/9230, 7/8/9240, 7/8/9250	Pre-2013	B7052
		2013 and newer	B7050 (or B7166)
	2166/88, 2344/66/77/88, 2577/88, 5/6/7088, 5/6/7130, 5/6/7140, 5/6/7150	Pre-2014	B7052
		2014 and newer	B7050 (or B7166)
New Holland	CR: 970/980, 9070/9080, 8090/9090, X.90, X.80 CX: 8X0, 80X0, 8.X0	Pre-2015	B7052
		2015 and newer	B7050 (or B7166)
	CR: 920/940/960, 9020/40/60/65, 6090/7090, 8060/8070/8080	Pre-2015	B7052
		2015 and newer	B7050 (or B7166)

NOTE: Not all CaseIH X230 combines have a CPC power port; therefore, they require kit MD #B7052.

NOTE: New Holland CH CS5/6 models all require kit MD #B7052.

FM200 Float Module
COMBINE CAB POWER KITS (MD #B7050, B7051, B7052, B7166)
INSTALLATION INSTRUCTIONS

7. For **CLAAS (Lexion and Tucano) combine** – Locate CLAAS power outlet (A) behind the control console, and plug connector P910 on cab power extension harness (B) into it.

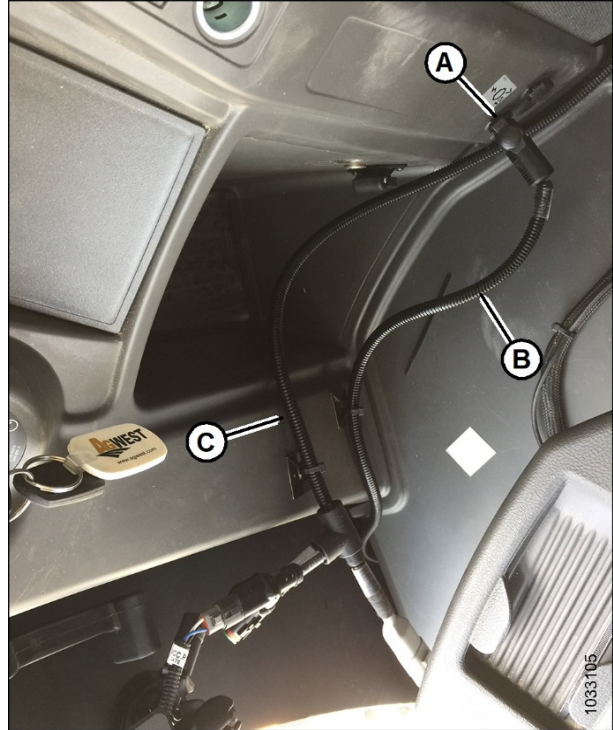


Figure 4: Cab Power Extension Harness Installed in CLAAS Combine Cab

A – Power Outlet B – Cab Power Extension Harness

C – Combine Cab Control Harness

**FM200 Float Module
COMBINE CAB POWER KITS (MD #B7050, B7051, B7052, B7166)
INSTALLATION INSTRUCTIONS**

8. For **John Deere combines** – Locate the auxiliary power outlet strip in the cab (commonly under, or next to, the seat), and plug connector P910 on the cab power extension harness into it.

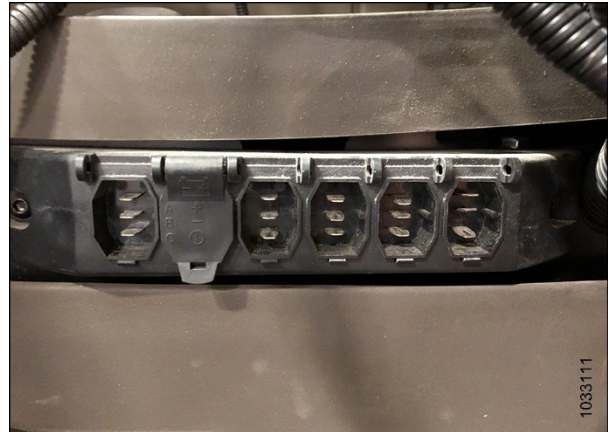


Figure 5: Auxiliary Power Outlet Strip in the Cab of a John Deere S680 Combine

9. Turn on the combine battery disconnect. For instructions, refer to the combine operator's manual.

© 2022 MacDon Industries, Ltd.

The information in this publication is based on the information available and in effect at the time of printing. MacDon Industries, Ltd. makes no representation or warranty of any kind, whether expressed or implied, with respect to the information in this publication. MacDon Industries, Ltd. reserves the right to make changes at any time without notice.