

PPII to PPIII Envelop Upgrade Installation Instructions AGCO RGC

Table 1: Parts List

Part Number	Description	Qty
118640-048	HARNESS,CAN,Y	2
122100-010	INSTALLATION KIT PINPOINT ZIP TIES	1
123000-013	MOUNTING PLATE, PPIII	1
123000-150	ASSY, POWER HUB PPIII	1
123000-210	OP MANUAL PPIII ENVELOP	1
123000-217	INSTALLATION AGCO PPII-PPIII	1
123000-223	INSTALLATION, AGCO C-SERIES, PPIII	1
123000-224	INTEGRATION, AGCO C-SERIES, PPIII	1
123100-022	HARNESS, CHASSIS, RG-C, PPIII AGCO	1
123100-026	HARNESS, PRESSURE, PPIII	1
706530-348	DUST PLUG 6-PIN DEUTSCH OT	8
710100-533	SQ U-BOLT 5/ 16-18 X 1-3/4 X 3 W/ HEX NUTS AND V	2
715005-145	TERMINAL RING 8GA 1/ 4" INS	2
715726-140	GROMMET 1 5/ 16"00 BLACK	1

Requirements

- Agco RoGator C Series Sprayer
- Fully functioning PinPoint II system with no faults/errors on Sprayer
- VCM Compatibility: A14 Style
- ISOBUS Compatible Controller - Confirm Maximum Task Control Section Capabilities with Controller Manufacturer

Envelop VCM Compatibility

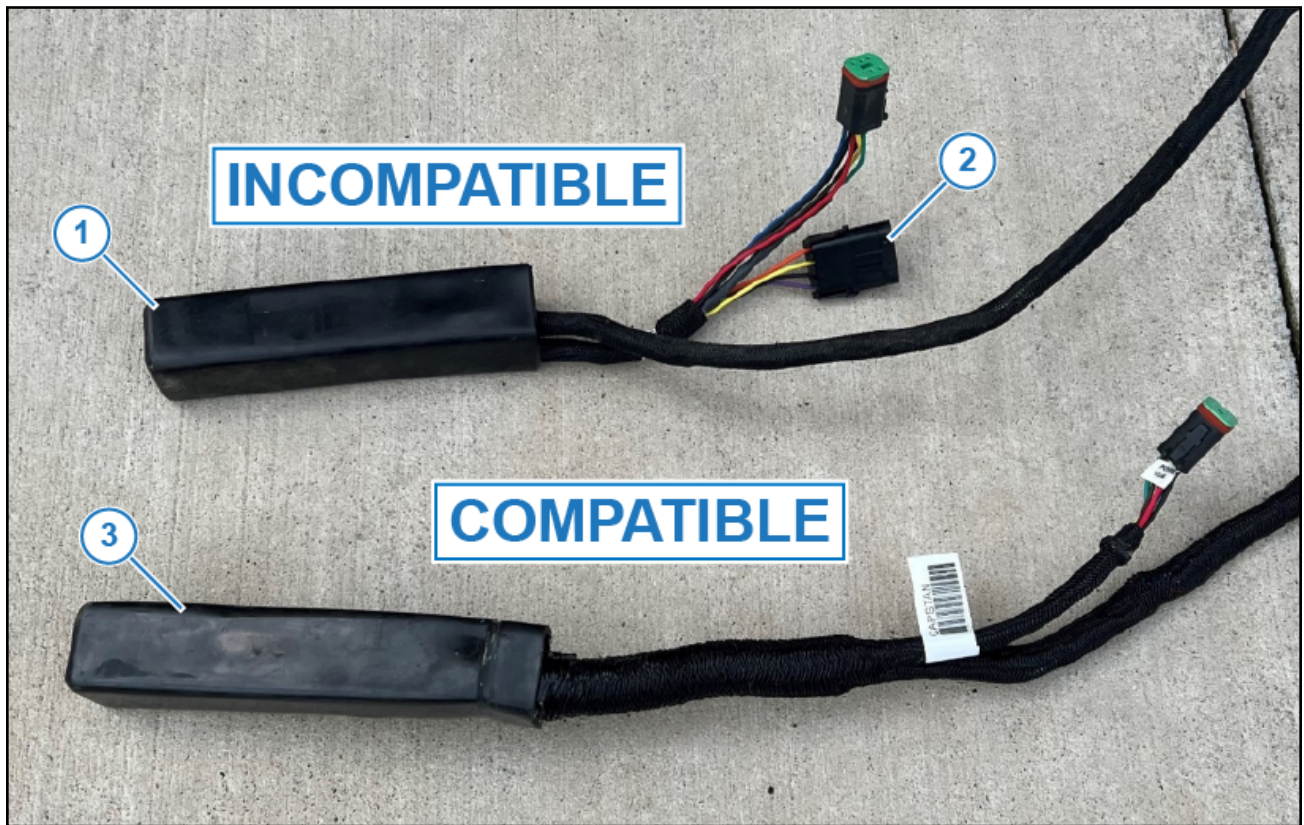


Figure 1: VCM Compatibility

- Incompatible VCM: A9 Style (Figure 1, Item 1) with 4-pin Weather Pac programming connector (Figure 1, Item 2).
- Compatible VCM: A14 Style (Figure 1, Item 3) without programming connector

PPII to PPIII Retrofit Procedure

1. Prepare the machine for PPIII installation.
 - Verify VCM compatibly, refer to [Figure 1](#).
 - Wait for auto battery disconnect to trip. Check for voltage across the **12+V** and **-GND** posts on the Gateway hub if needed to verify that power has been disconnected.
 - Remove the PPII Gateway hub cover.
 - Cut off the existing ring terminals from the PPII power harness at the gateway hub side and replace them with supplied 1/4" terminals (PN 715005-045).
2. Remove PPII system components.
 - Label each VCM Extension harness by location on boom (Boom 1 = VCM ext 1, Boom 2= VCM ext 2, etc and remove VCM Extension harnesses 1–7 from the Gateway hub.
 - Disconnect the PPII chassis harness from the Gateway hub.

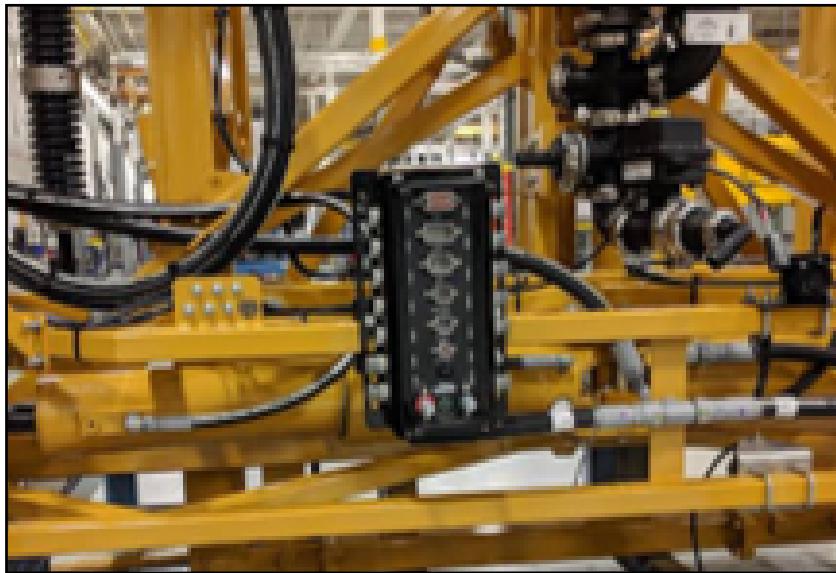


Figure 2: PPII Hub Location

- Remove the Gateway hub and mounting from rear center rack ([Figure 2](#)).
 - Remove the Marlin module from the rear center rack if necessary.
 - Remove the PPII chassis harness from the machine all the way to the cab.
 - Remove the CapView II from the sprayer cab.
3. Install the PPIII Envelop system in accordance with Agco RGC Install instructions (PN 123000-223).
 - Connect PPII power harness to the PPIII Gateway hub.

- Plug each VCM extension harness labeled in Step 2 into the corresponding CAN channel port on the PPIII Gateway Hub in accordance with the following tables.
 - For machines with **LESS** than nine VCMs, refer to Table 2.
 - For machines with nine VCMs, refer to Table 3.

Note: CAN-Y Cable (PN 118640-048) is required for installations with nine VCMs.

Table 2: Gateway Hub VCM Port Connections

Gateway Hub Port	Machine Harness Connection
VCM Port 1	VCM 1 (Boom 1) extension harness
VCM Port 2	VCM 2 (Boom 2) extension harness
VCM Port 3	VCM 3 (Boom 3) extension harness
VCM Port 4	VCM 4 (Boom 4) extension harness
VCM Port 5	VCM 5 (Boom 5) extension harness
VCM Port 6	VCM 6 (Boom 6) extension harness
VCM Port 7	VCM 7 (Boom 7) extension harness
VCM Port 8	VCM 8 (Boom 8) extension harness

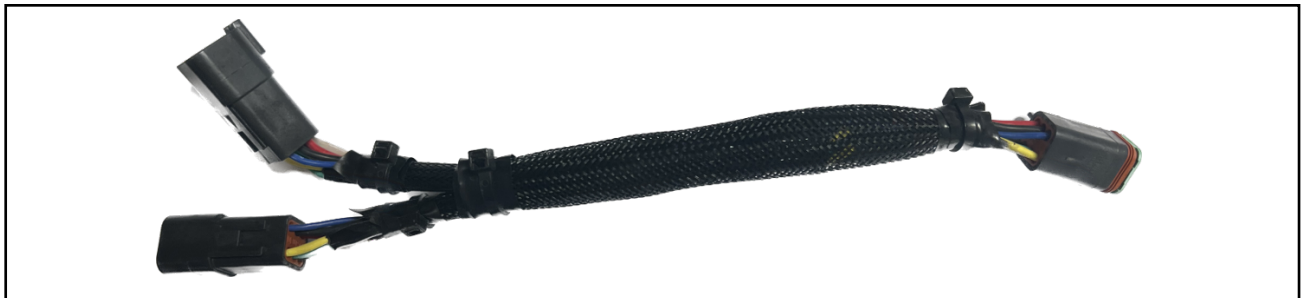


Figure 3: CAN-Y Cable (PN 118640-048)

Table 3: Gateway Hub VCM Port Connections

Gateway Hub Port	Machine Harness Connection
VCM Port 1	VCM 1 (Boom 1) extension harness
VCM Port 2	VCM 2 (Boom 2) extension harness
VCM Port 3	VCM 3 (Boom 3) extension harness
VCM Port 4	VCM 4 (Boom 4) extension harness
VCM Port 5 (CAN-Y cable installed)	VCM 5 (Boom 5) extension harness (via CAN-Y cable PN 118640-048)
	VCM 6 (Boom 6) extension harness (via CAN-Y cable PN 118640-048)
VCM Port 6	VCM 7 (Boom 7) extension harness
VCM Port 7	VCM 8 (Boom 8) extension harness
VCM Port 8	VCM 9 (Boom 9) extension harness

4. After installation is complete, set up the system in accordance with integration instructions (PN 123000-224) Agco C Series PPIII Integration.