

October 18, 2013

2014 Model Year Updates UC4+™ Spray Height Control System

NORAC Systems International is introducing new firmware for NORAC UC4+™ Spray Height Control Systems. This release provides minor updates and modifications.

I. Compatibility and Requirements

- Systems with version 6 or newer firmware can freely upgrade to 7G. Older systems must first be upgraded using NORAC part # 4473BC (UC4+™ Roll Sensor Upgrade Kit). Active Roll systems may require a hardware update if the previous version of firmware is 7D or older. Refer to the hardware updates section for more information.
- The firmware will require performing a complete automatic system setup as described in the UC4+ Operators Manual. Do not update unless you are prepared to perform an automatic setup.

2. Tools Required for Update

Tools Required:	Available from:
UC4+ Firmware version 7G	www.norac.ca
Toolsuite PC firmware	www.norac.ca or UC4+ Resource Kit*
UC4+ Panel Programmer	Included in part panel programming or Resource kit*
12VDC power supply	
Computer with Windows Operating system	

*Two UC4+ kits are available containing a UC4+ control panel programmer and Toolsuite programming software.

NORAC kit	Part Number	Items included
UC4+ Panel Programming kit Only for panel updates	45010	Toolsuite PC software CD (pt. # 44731)
		Control panel programmer ((pt. #44649)
UC4+ Resource kit Use for panel updates and sensor recalibration and repair	44645	Toolsuite PC software CD (pt. # 44731)
		Control Panel programmer/CAN-bus monitor (pt. 44644)
		Transducer Service Kit (pt. # 44645-02)
		O-Ring Service kit (pt. # 44645-03)
		Foam Disc Service kit (44645-04)
		Ultrasonic Sensor Calibration fixture (4968)

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3. Firmware Updates

- Addition of HARDI-Evrard sprayer type EV2.

4. Potential Required Hardware Updates

If the system is being updated from version 7D or older, ensure all hardware updates have been performed before updating software. The following hardware updates are required before the software update may occur:

- For all John Deere Active Roll systems ensure the JD Update Kit (4467BCX-4) has been installed. Contact NORAC or see NORAC Service Bulletin 11-04 for more information.
- Fast Active Roll kits will require additional hardware. The update requires the use of NORAC pt. #44771B-1 and pt. #44787B-1. Contact Fast Distributing for more information.
- Hagie Active Roll kits will require additional hardware. The update requires the use of NORAC pt. #44771B-1 and pt. #44787B-1. Contact Hagie for more information.

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