

# Raven CAN Switchbox Firmware Release Notes

## Version 1.52

1. Corrected incompatibility issue with Remote Tank Console created in v1.50.

## Version 1.51

1. Added support for Gen 3 switchbox part numbers 063-3001-021 (OmniSeed) and 063-3001-022 (OmniRow).

## Version 1.50

1. Enhanced support for OmniSeed CAN Switchbox (p/n 063-3001-008) with two additional switches (Openers Up/Down and Pressure Override).
2. Added support for OmniRow CAN Switchbox (p/n 063-3001-011) to support toolbar fold and marker functions.
3. Corrected distance accumulation issue seen with GPS speed when traveling faster than 10 MPH.
4. Enhanced support for OmniRow application; allows for priming with Master Override switch and rate bump of Planter target population with INC/DEC switch.

## Version 1.40

1. Modified to allow only sections with an associated product turned on to be activated on seeder systems. e.g. Section switches are overridden off when no associated product is enabled (auto or manual). This allows for field computer to construct master applied coverage map only when at least one product is being applied.
2. Added support for OmniSeed CAN Switchbox (p/n 063-3001-008) to support two additional switches (Openers Up/Down and Pressure Override).
3. Added master override functionality to pre-set self-test speed to 3.0 mph for OmniSeed to aid in taking off from field corners.

## Version 1.30

1. Added GPS CAN speed message support with speed cal entry of 1000.
2. Added 16 section and switch mapping support.
3. Added support for EL backlight.
4. Added support for ST10F252-ABG microcontroller.
5. Added support for Steerable Hitch node CAN based speed.

## Version 1.20

1. Added safety feature for switches to not engage if master switch was left in the ON position and section switches were ON upon a power up or start up of system. Toggling Master switch from OFF to ON is required to engage section switches and product switches.
2. More node information is sent on the CAN bus for part number, version number and capability information.
3. Fixed issue with switchbox not allowing for a CAN update when no other nodes are on the bus.
4. Cal request sent to product 1 to determine sprayer or planting/air seeding.
5. Corrected CAN messages being periodically missed.
6. Changed memory saves to be more efficient with the processor.
7. Added in silent mode feature for use on Planter systems.
8. Fixed problem of product switches not functioning when remote master switch is being used and in the OFF position.

## Version: 1.10

1. Manufacturing Initial Release

CODE IDENT. NO.	SIZE	DRAWING NUMBER
14979	A	077-0171-268
SCALE	NA	SHEET 2 OF 2