

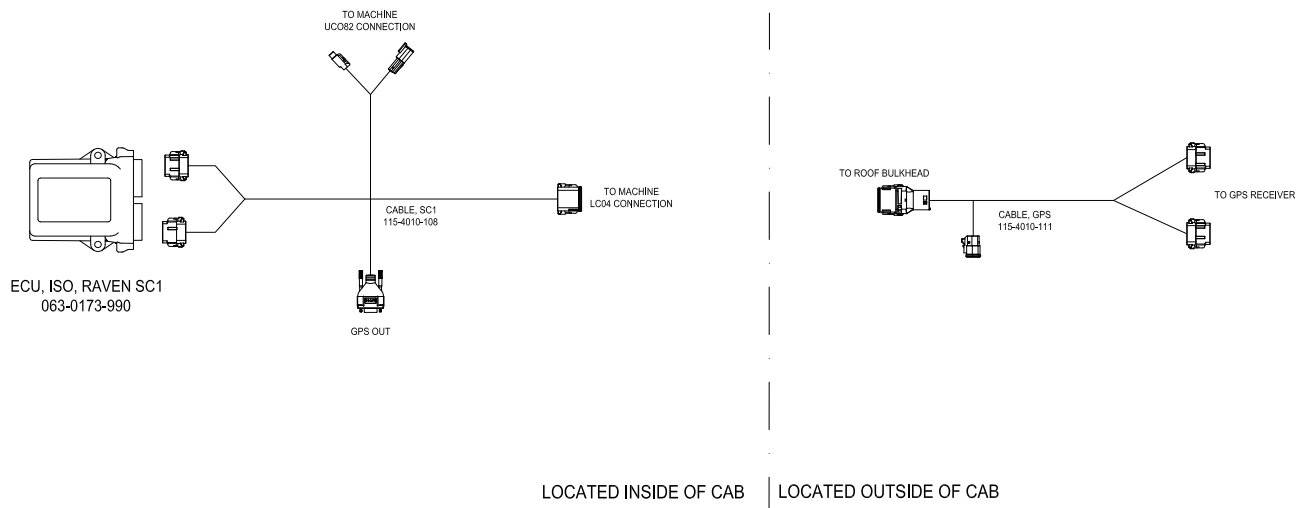
# NEW HOLLAND SPF & MILLER NITRO 7000 (MY 18 AND NEWER) SPRAYER RAVEN SC1™ ISO GUIDANCE AND STEERING INSTALLATION GUIDE

This quick guide provides the instructions for the installation of SC1 on a New Holland SPF and Miller Nitro 7000 (MY18+) Sprayer. For calibration and operation information, refer to the Operation Manual (P/N 016-4010-005) included with the kit.

## INSTALLATION

The image below provides a basic overview of the installation of the SC1. Refer to the next sections for detailed installation information.

**FIGURE 1. New Holland and Miller Nitro 7000 Sprayer Installation Diagram**



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## CONNECT THE GPS CABLE

1. Locate the existing 372 GPS receiver on the roof of the vehicle.
2. Replace the existing cable with the supplied GPS cable (P/N 115-4010-111).

**FIGURE 2. GPS Receiver Adapter Cable Connection**

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## MOUNT THE SC1 NODE

1. Locate and remove the plastic storage compartment in the right, rear corner of the operator cabin.

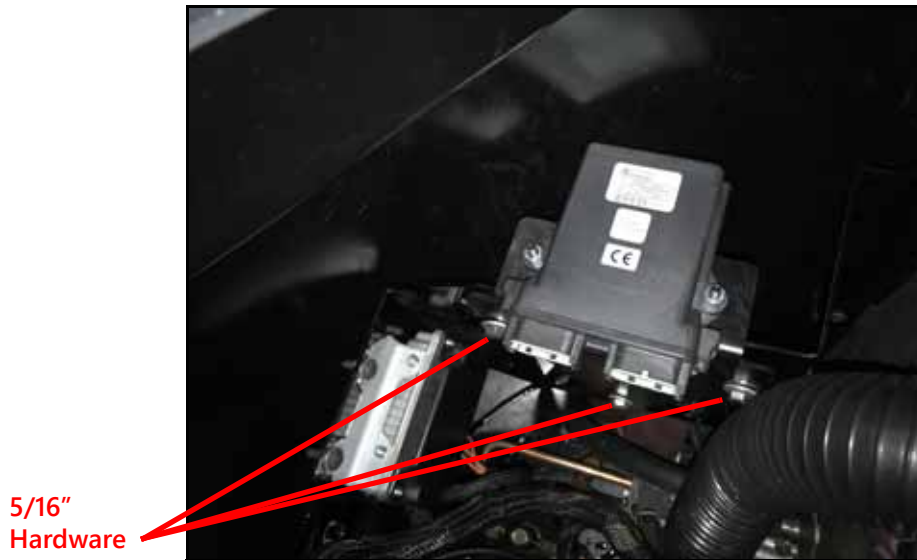
**FIGURE 3. Storage Compartment Removed**

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2. Locate the three mounting holes in the cabin framework and mount the SC1 Node Mounting Plate (P/N 107-0172-629).
3. Secure the SC1 Node Mounting Plate to the framework using the supplied 5/16" hardware.
4. Mount the SC1 Node to the node mounting plate studs and secure with the 1/4" lock nuts.

FIGURE 4. SC1 Node and Mounting Plate



### INSTALL THE CABLE

1. Install the two mating 12-pin connectors of the supplied cable (P/N 115-4010-108) to the SC1 node.
2. In the area below the SC1 node mounting plate, locate the 2-pin CAN connection labeled "UC802" on the existing machine cabling.

FIGURE 5. UC802 Connection



3. Disconnect the CAN "UC802" connectors and plug in the mating tee connections on the supplied cable (P/N 115-4010-108).

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4. Locate and remove the storage tray in the left, rear corner of the operator cabin.

**FIGURE 6. Plastic Compartment Behind Buddy Seat**

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5. Locate the 12-pin connector labeled "LC064" in the area underneath the removed storage tray.

**FIGURE 7. LC064 Connection**

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6. Route the 12-pin connector labeled "LC064" behind the rear operator cabin panel to the left side of the cabin and connect the connector.

## OPERATION

Refer to the SC1 Calibration and Operation Manual (P/N 016-4010-005) for instructions on configuring, calibrating, and operating SC1. Please note the location of the master switch and the resume switch on the machine because they are needed for operation.

**FIGURE 8. Master Switch and Resume Switch**



