

**Case IH SPX4410 CAN AccuBoom
AIM Control Extension Cable
Installation Manual**

P/N 016-0171-006 Rev E 09/15

CHAPTER

1

INTRODUCTION

Congratulations on your purchase of the Raven AccuBoom system! This system is designed to provide worry free turn-on and turn-off of your booms with respect to the as-applied coverage map. The following instructions are designed to assist you in the proper installation of the AccuBoom system. See the Viper Installation and Operators Manual for instructions on setting up the software and using the AccuBoom system. You will also need a valid AccuBoom Control Activation Key for your Viper system in order to activate the AccuBoom system.



Important! All boom switches must remain in the **ON** position while AccuBoom control is in operation!

Components Needed

- Previously installed CASE SPX4410 AccuBoom System
- AccuBoom SPX4410 AIM Extension Cable – P/N 063-0171-569

Notes:

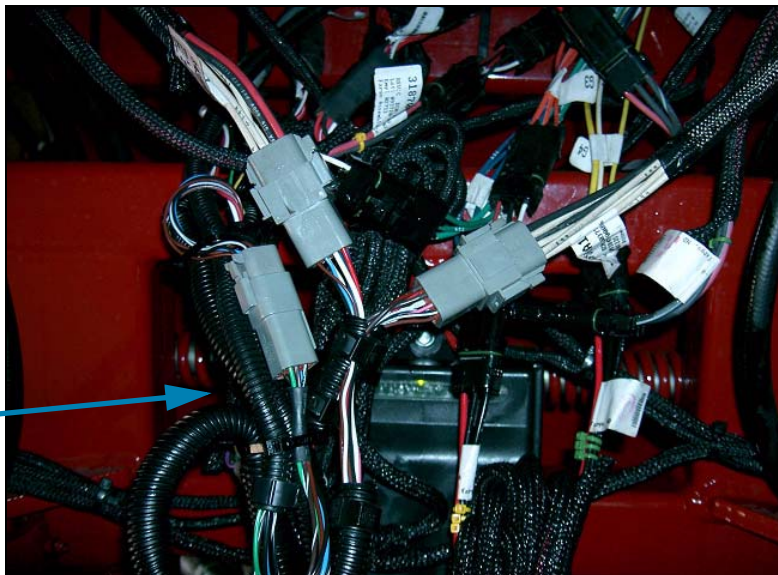
CHAPTER

2

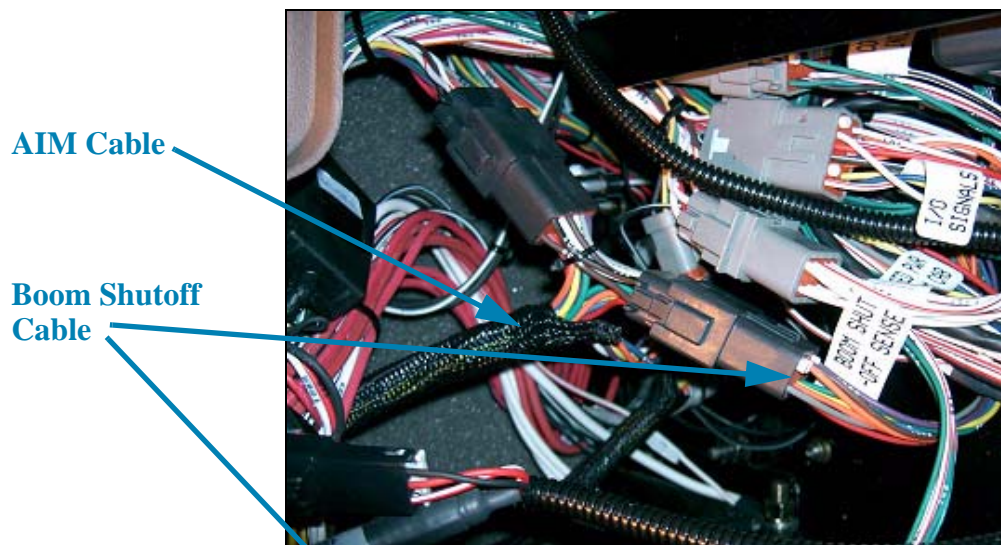
AIM EXTENSION CABLE INSTALLATION

1. Install the CAN AccuBoom node and SPX4410 CAN AccuBoom cable (P/N 115-0171-553) according to the instructions that were provided with the CAN AccuBoom cable.
2. Connect the Raven AIM Command cable to the AccuBoom cable:
 - a. Remove the cap from the 6 pin Deutsch AIM Command connector on the CAN AccuBoom cable (P/N 115-0171-553).
 - b. Attach the optional Raven SPX4410 AIM Command cable (P/N 115-0171-569) to the 6 pin Deutsch connector on the CAN AccuBoom cable.

AIM Extension
Connector



3. Route the Raven AIM Command cable (P/N 115-0171-569) up to and into the cab (See step 4 in the standard SPX4410 AccuBoom Installation and Operators Manual).
4. Access and remove the fuse panel to gain access to the AIM controller connectors (See step 5 in the standard SPX4410 AccuBoom Installation and Operators Manual).
5. Disconnect the AIM Command cable from the control system:
 - a. Locate the Case AIM Command Tee cable below the fuse panel in the cab of the SPX4410 sprayer. These will be 12 pin Deutsch connectors.
 - b. Disconnect the Case AIM Command Tee cable from the boom shutoff sense connectors.

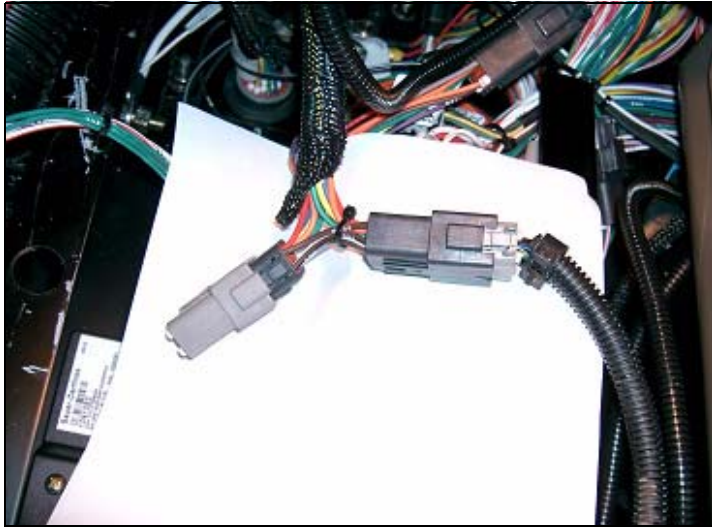


6. Connect the two ends of the system harness back together.



7. Connect AccuBoom to the AIM Command:
 - a. Connect the optional Raven AIM Command cable (P/N 115-0171-569) to the AIM Command Tee cable.

- b. Connect the supplied tee cap to the other end of the Case AIM Command cable



8. Replace the fuse panel and cover.
9. The AIM Command module will now be controlled by the Raven CAN AccuBoom system.



RAVEN INDUSTRIES

LIMITED WARRANTY

WHAT IS COVERED?

This warranty covers all defects in workmanship or materials in your Raven Flow Control Product under normal use, maintenance, and service.

HOW LONG IS THE COVERAGE PERIOD?

This warranty coverage runs for 12 months from the purchase date of your Raven Flow Control Product. This warranty coverage applies only to the original owner and is not transferrable.

HOW CAN YOU GET SERVICE?

Bring the defective part, and proof of date of purchase, to your local dealer. If your dealer agrees with the warranty claim, he will send the part, and proof of purchase to his distributor or to Raven for final approval.

WHAT WILL RAVEN INDUSTRIES DO?

When our inspection proves the warranty claim, we will, at our option, repair or replace the defective part and pay for return freight.

WHAT DOES THIS WARRANTY NOT COVER?

Raven Industries will not assume any expense or liability for repairs made outside our plant without written consent. We are not responsible for damage to any associated equipment or product and will not be liable for loss of profit or other special damages. The obligation of this warranty is in lieu of all other warranties, expressed or implied, and no person is authorized to assume for us any liability. Damages caused by normal wear and tear, mis-use, abuse, neglect, accident, or improper installation and maintenance are not covered by this warranty.