

RAVEN

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AccuBoom™ Installation Manual



CaseIH SPX3310

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 SPX3310 AccuBoom System
- AccuBoom SPX3310 AIM Extension Cable – P/N 063-0171-577

Notes:

CHAPTER

2

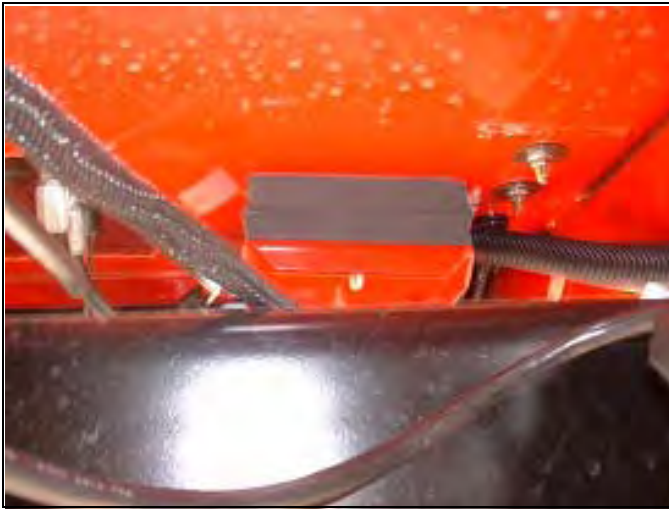
AIM EXTENSION CABLE INSTALLATION

1. Install the CAN AccuBoom node and SPX3310 CAN AccuBoom cable (P/N 115-0171-553) according to the instructions 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 SPX3310 AIM Command cable (P/N 115-0171-577) to the 6 pin Deutsch connector on the CAN AccuBoom cable.

AIM Extension
Connector



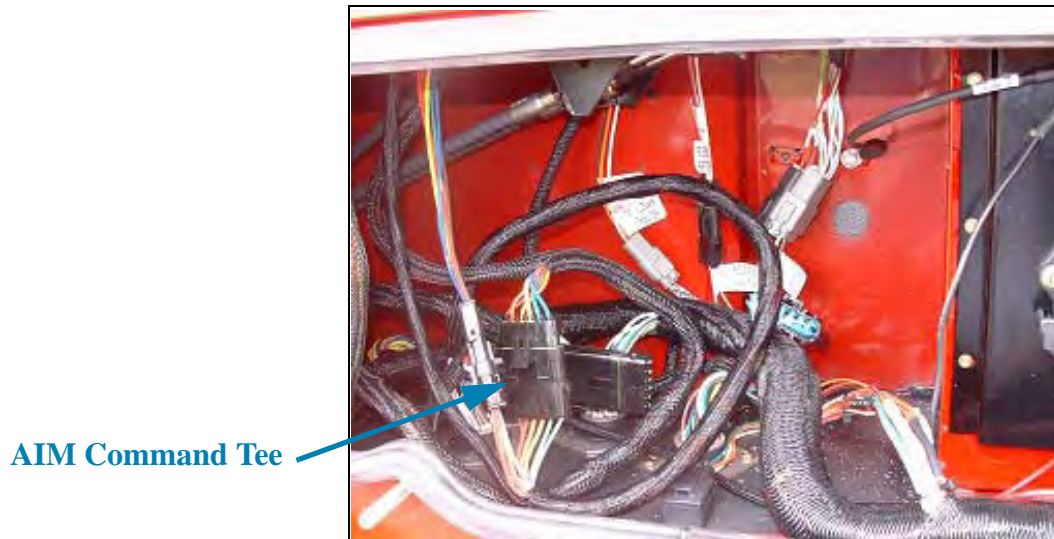
3. Route the Raven AIM Command cable (P/N 115-0171-577) up to and into the cab.



4. Remove the side panel cover to gain access to the wiring.



5. Disconnect the AIM Command cable from the control system:
 - a. Locate the Case AIM Command Tee cable in the side access panel. These will be 6 pin Weatherpack connectors.



- b. Disconnect the Case AIM Command Tee cable from the boom shutoff sense connectors.
 - c. Connect the two ends of the system harness back together.



6. Connect AccuBoom to the AIM Command:
 - a. Connect the optional SPX3310 Raven AIM Command cable (P/N 115-0171-577) to the AIM Command Tee cable.
 - b. Connect the supplied tee cap to the other end of the Case AIM Command cable.
7. Replace the side panel cover.
8. The AIM Command module will now be controlled by the Raven CAN AccuBoom system.

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Limited Warranty

What Does this Warranty Cover?

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

How Long is the Coverage Period?

Raven Applied Technology Products are covered by this warranty for 12 months after the date of purchase. This warranty coverage applies only to the original owner and is nontransferable.

How Can I Get Service?

Bring the defective part and proof of purchase to your Raven Dealer. If your Dealer agrees with the warranty claim, the Dealer will send the part and proof of purchase to their distributor or to Raven Industries for final approval.

What Will Raven Industries Do?

Upon confirmation of the warranty claim, Raven Industries will, at our discretion, repair or replace the defective part and pay for return freight.

What is not Covered by this Warranty?

Raven Industries will not assume any expense or liability for repairs made outside our facilities without written consent. Raven Industries is not responsible for damage to any associated equipment or products 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 or organization is authorized to assume any liability for Raven Industries.

Damages caused by normal wear and tear, misuse, abuse, neglect, accident, or improper installation and maintenance are not covered by this warranty.

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