



Parallel Installation Manual

CaseIH 3150/3185/3200

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 **OFF** position while AccuBoom control is in operation!

Components Needed

- Parallel AccuBoom Control Node - P/N 063-0172-517
- CaseIH 3150/3185/3200 AccuBoom Cable - P/N 115-0171-593
- AccuBoom Control Activation Key - P/N 077-0180-010
- CaseIH 3150/3185/3200 Parallel AccuBoom Installation Manual - P/N 016-0171-046

Notes:

CHAPTER

2

INSTALLATION

Use the following procedure to properly install the AccuBoom system on a CaseIH 3150/3185/3200 sprayer using a Raven console connected to a Raven Viper:

1. Open the access door located on the left side of the cab.



2. Locate the boom control cable toward the rear of the cable compartment.



3. Disconnect the 6-pin boom connections.



Helpful Hint: There may be two sets of 6-pin connectors. Be sure to use the connectors coming from the boom switches.

4. Plug the mating connectors from the Parallel AccuBoom cable (P/N 115-0171-591) to the corresponding connectors previously disconnected.



5. Mount the Parallel AccuBoom node in a suitable location in the cable compartment.
6. Connect the AccuBoom cable to the AccuBoom node by connecting the rectangular connectors from the AccuBoom cable (P/N 115-0171-593) to the Parallel AccuBoom node (P/N 063-0172-316).
7. Connect the power and ground by connecting the smaller white wire to a clean ground connection and the smaller red wire to a clean source of power.

8. Connect the 15-pin D-sub connector to the Auxiliary connector on the Viper interface cable (P/N 115-0171-256).



9. Connect the large red wire to a relay connected to the master on/off switch.
10. The Parallel AccuBoom hardware installation is now complete. Install the Activation Key on the Viper system and the AccuBoom system is ready for operation.

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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.



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