

R A V E N

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SmartBoom™ Installation Manual



Case IH 3150/3185/3200/3200B/4260
(Patriot Cabins)

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CHAPTER

1

INTRODUCTION

Congratulations on your purchase of the Raven Smartboom system! This system is designed to provide worry-free turn on and turn off of your booms with respect to an as-applied area. The following instructions are designed to assist you in the proper installation of the Smartboom system. See the Operation Manual of your Smartboom console for instructions on setting up the software and using the Smartboom system.



Important! All boom switches must be in the OFF position while Smartboom is in operation!

Master Switch Options:

1. Use the master switch on the Smartboom Console.
2. Connect the orange wire to the vehicle master switch so the 12V is supplied to the orange wire when the vehicle master switch is in the "ON" position.

Notes:

CHAPTER

2

INSTALLATION

Use the following procedure to properly install the Smartboom on a Case SPX3150/3185/3200/3200B/4260 (Patriot Cabs) sprayer.

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.



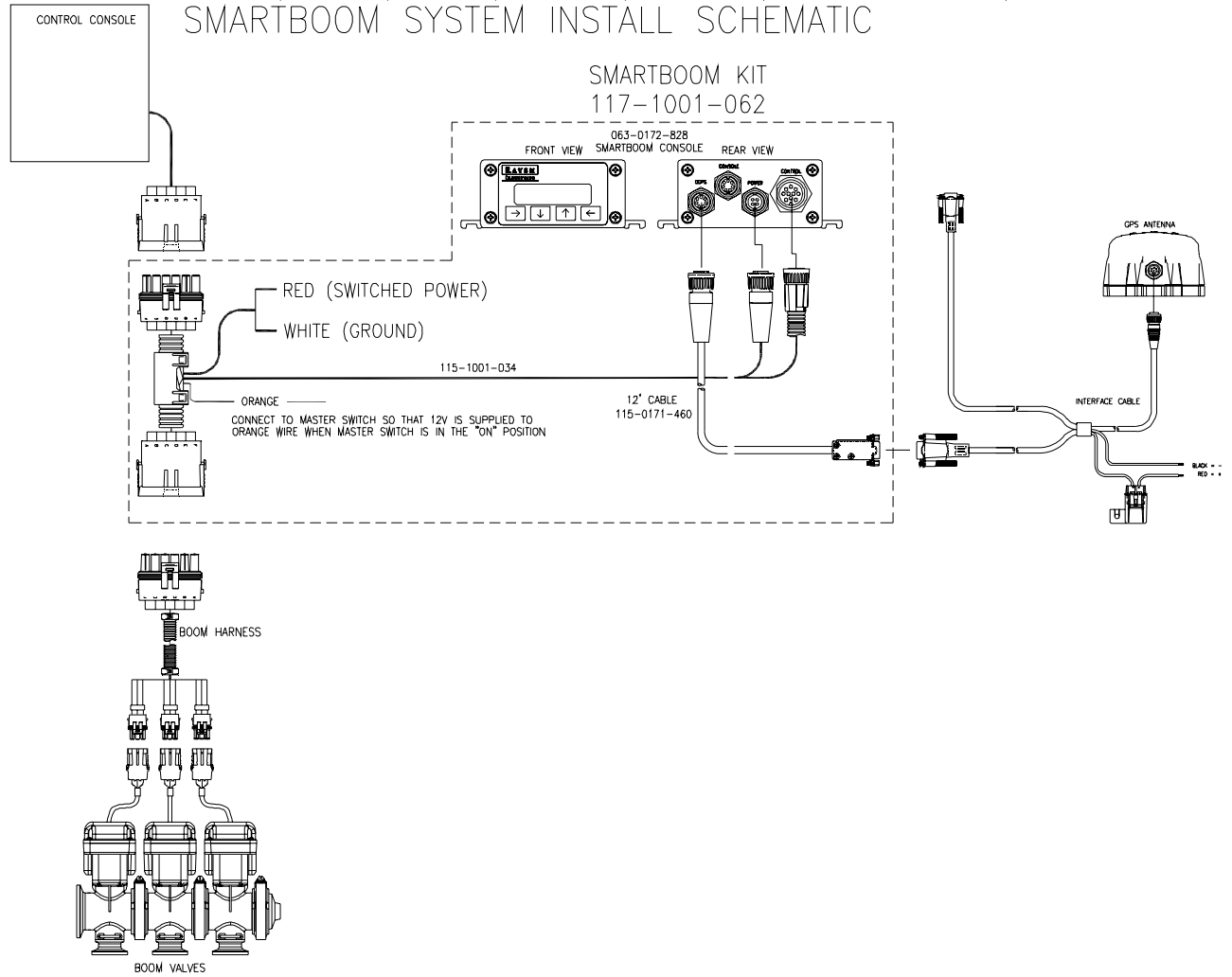
Important: There may be two sets of 6-pin connectors. Be sure to use the connectors coming directly from the boom switches.

4. Plug the mating connectors from the Smartboom cable (P/N 115-1001-062) to the corresponding connectors previously disconnected.



5. Route the harness into the cab and connect to the Smartboom console.
6. Connect the power and ground wires from the Smartboom harness to a good source of switched power.
7. Additional serial cable (115-0171-119) is provided if you wish to connect the Raven console to the Smartboom console (See Smartboom Controller Manual).
8. Connect the orange wire to the master switch (normally pin 2 on master switch: gray wire with red stripe) using the supplied parallel splice so that 12V is supplied to the orange wire when the master switch is in the "ON" position or use the master switch on the console.
9. Installation is now complete.

CASEIH 3150/3185/3200/3200B/4260 (PATRIOT CABS) SMARTBOOM SYSTEM INSTALL SCHEMATIC



Notes:

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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?

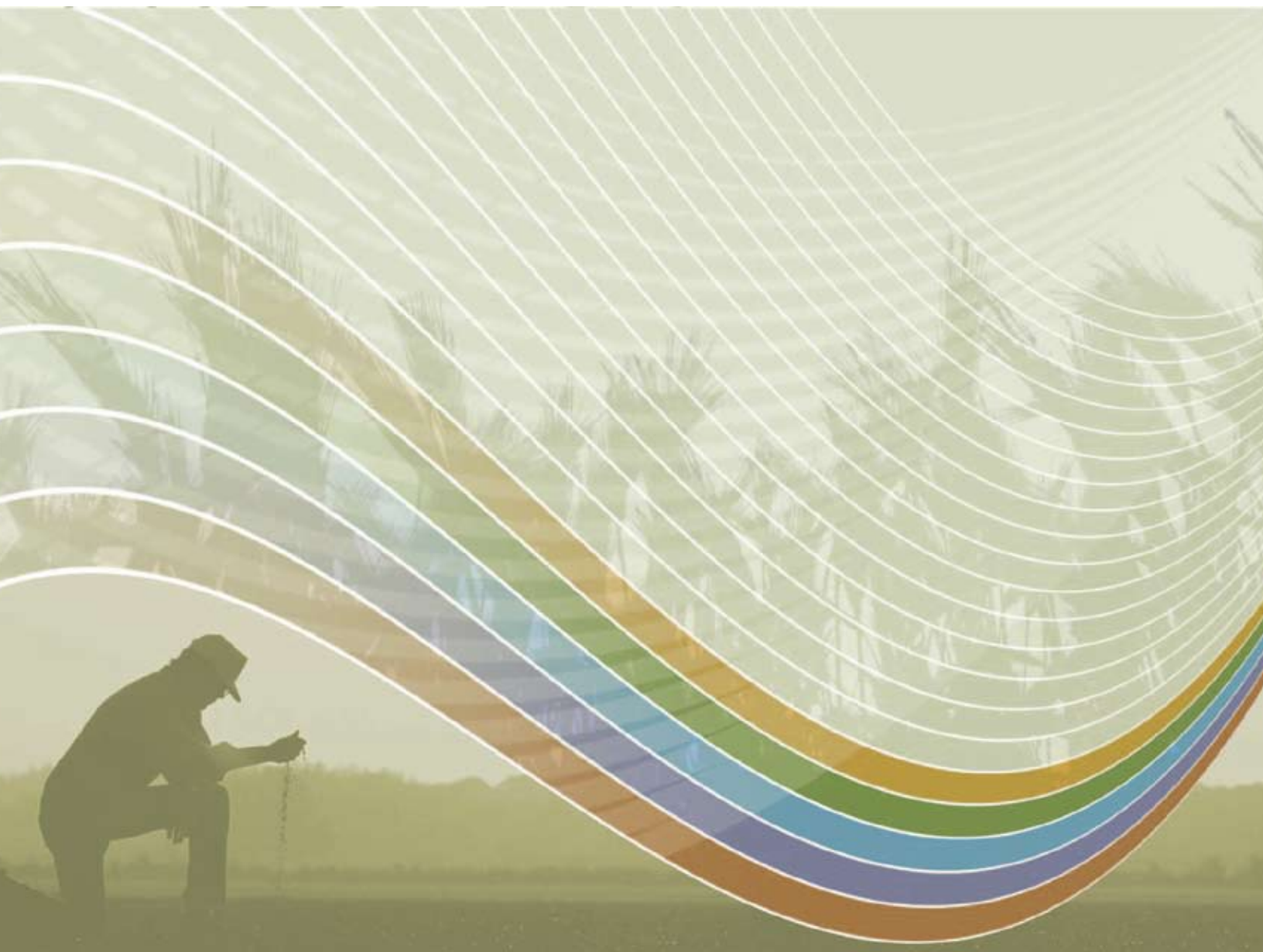
Raven Industries will not assume any expense or liability for repairs made outside our facilities without written consent. Raven Industries is not responsible for damage to any associated equipment or products and will not be liable for loss of profit or other special damages. The obligation of this 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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