

R A V E N

SmartBoom™ Installation Manual



RoGator 864, 874, 1064, 1074 (2006 & Newer)

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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 and master switch must be in the ON position while Smartboom is in operation!

Notes:

CHAPTER

2

INSTALLATION

Use the following procedure to properly install the Smartboom system.

1. Locate the 12 pin armrest harness connector behind the armrest.



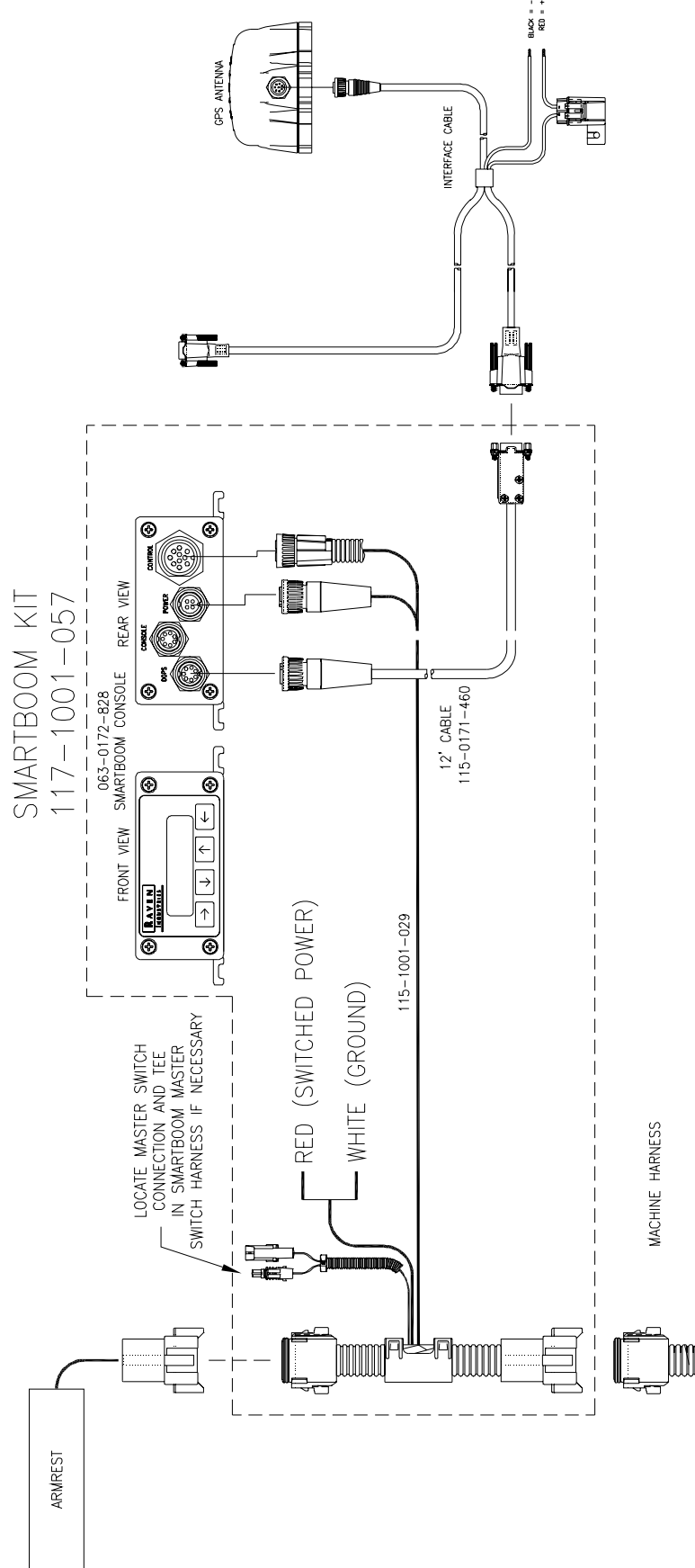
2. Disconnect and tee in the Smartboom harness.
3. Inspect the existing 12 pin armrest connector to determine if pin 12 is populated.
 - If not populated, locate the single packard connector on the armrest harness and tee in Smartboom harness. Master switch sense is now connected and installation is complete.
 - If populated, installation is complete (master switch sense is already connected internally to the Smartboom harness). Connect single packard connectors on Smartboom harness together to prevent contamination.



Master switch tee-in if necessary

4. Connect the power leads to a good source of switched power.
5. Refer to the Smartboom Operators manual for console setup instructions.

864/1064/874/1074 (JAN. 2006 AND NEWER) ROGATOR SMARTBOOM SYSTEM INSTALL SCHEMATIC



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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 Division product under normal use, maintenance, and service.

How Long is the Coverage Period?

Raven Applied Technology Division 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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Raven Industries

Applied Technology Division
P.O. Box 5107
Sioux Falls, SD 57117-5107
www.ravenprecision.com

Toll Free (U.S. and Canada): (800)-243-5435
or Outside the U.S.: 1 605-575-0722
Fax: 605-331-0426
www.ravenhelp.com

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