

# **Hagie DTS 10 and 2100 AccuBoom™ Installation Manual**

*P/N 016-1001-042 Rev B 09/15*

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## CHAPTER

## 1

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**INTRODUCTION**

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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 Installation and Operation Manual of your particular console for instructions on setting up the software and using the AccuBoom system.

**Basic Kit  
Contents**

- ◆ AccuBoom CAN Node
- ◆ Machine Specific or Standard Console Cable
- ◆ CAN Tee Cable: 6", 6', 12', 18', or 24' long
- ◆ Install Manual



**Helpful Hint:** If no CAN system currently exists on the machine, an additional CAN Power Tee Kit is required.



**Important!** All boom switches must be in the OFF position while AccuBoom control is in operation!

**Notes:**

## CHAPTER

# 2

## INSTALLATION

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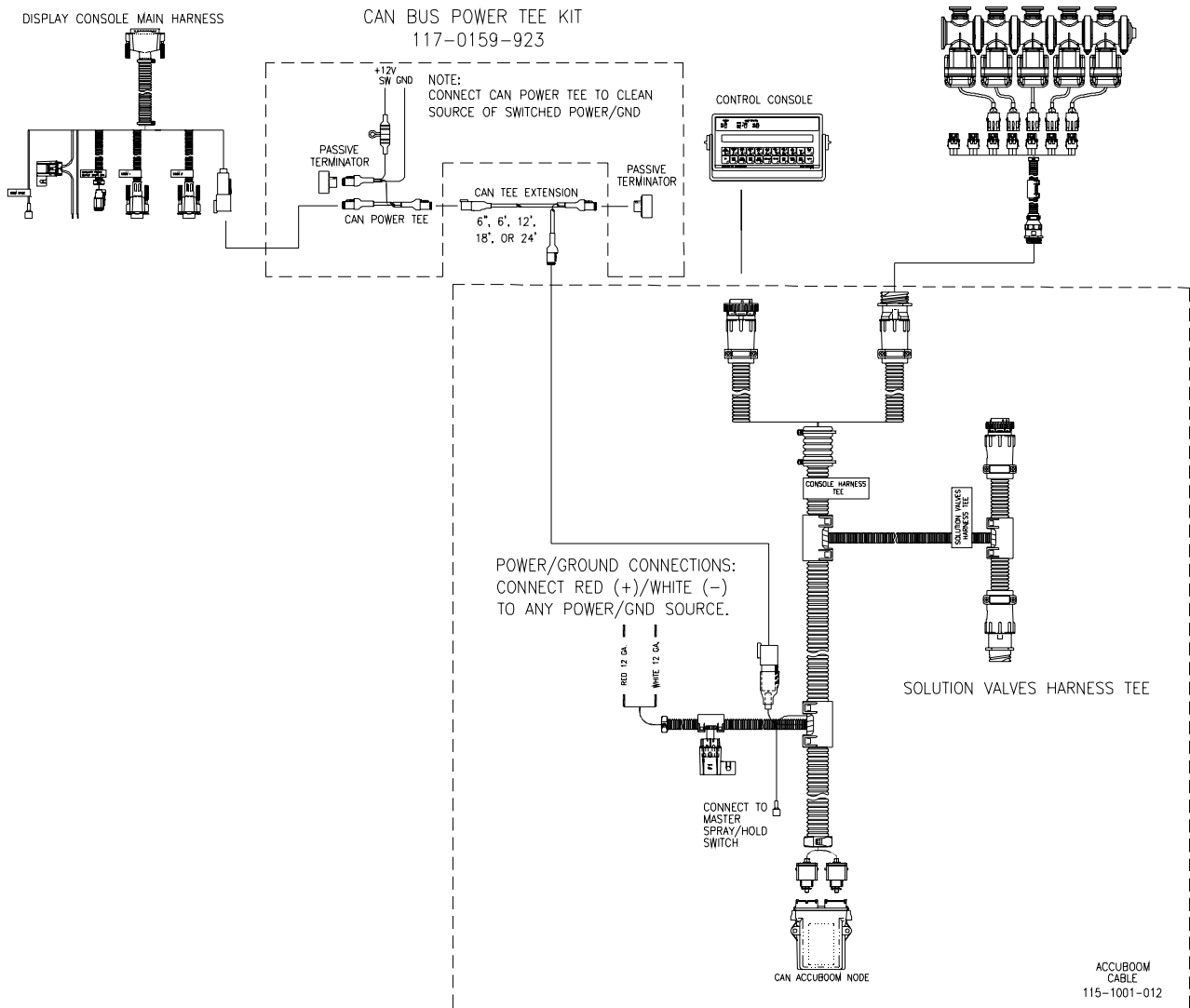
Use the following procedure to properly install the CAN AccuBoom system.

1. Disconnect main harness cable from 4x0/6x0 console and tee in AccuBoom harness.
2. Locate "Solution Valves" harness behind seat and tee in Accuboom harness labeled "Solution Valves Tee".



**Note:** AccuBoom will not control boom lights. Boom lights will remain ON at all times during AccuBoom operation. Boom lights will function normally when spraying without AccuBoom.

# HAGIE DTS10/2100 ACCUBOOM INSTALL SCHEMATIC 4X0/6X0 CONTROLLER

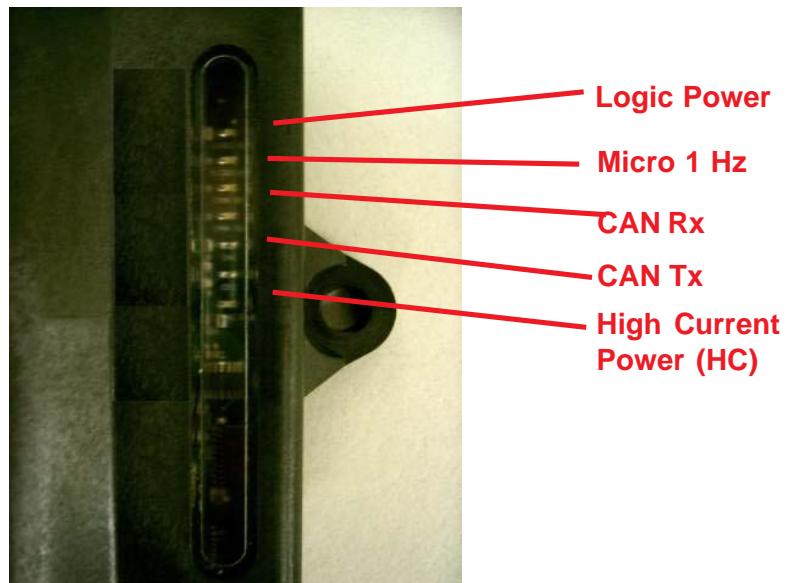


## CHAPTER

## 3

## DIAGNOSTICS

The CAN AccuBoom Node P/N 063-0172-316 has additional features to allow the user to diagnose the AccuBoom system. The CAN AccuBoom node has a plastic window in the case that allows the user to view green diagnostic lights. The picture below shows the positioning and function of each of the LED lights.



- ◆ **Logic Power:** Lit when 12VDC logic power is available at the node.
- ◆ **Micro 1 Hz:** Flashes at 1 Hz interval when processor is active.
- ◆ **CAN Rx:** Flashes when CAN messages are being received.
- ◆ **CAN Tx:** Flashes when CAN messages are being transmitted.
- ◆ **High Current Power:** Lit when High Current Power is applied to the node.

**Notes:**







**RAVEN**

# **RAVEN INDUSTRIES**

## **Limited Warranty**

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### ***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.