Deluxe Control System for RB455A Round Baler

OPERATOR'S MANUAL

Part number 84341064
1st edition English
January 2011

CASE IH AGRICULTURE

MidWestTech | Case RB455A Round Baler Deluxe Control System Operator's Manual | Publication 84341064

Order the manual at mid-west-tech.com >

Contents

1 GENERAL INFORMATION

Product overview 1-1
Manual operation of the actuators 1-2
Key Pad 1-3
Operator's Panel Display Icon Summary 1-4
System components 1-10
Installing the device on the tractor 1-14

2 SAFETY INFORMATION

Safety rules and signal word definitions 2-1

3 CONTROLS/INSTRUMENTS

FIELD OPERATION

Normal operation mode 3-1
Bale formation 3-2
Full bale condition 3-2

FIELD OPERATIONAL ADJUSTMENTS

Bale diameter adjustment 3-3
Net wrap adjustment 3-4
Twine pattern selection 3-5

ERROR MODE

Screen and index 3-6

BALE COUNT MODE

Bale counter - Identification 3-7

SETUP/DIAGNOSTIC MODE

Set-up/diagnostic screens 3-8
Top level 3-9
User settings 3-10
Set-up items 3-10
Diagnostic inputs (measure sensor outputs) 3-14
Diagnostic outputs - measure actuator state 3-15
Calibrations 3-17
Fault history 3-19
Information 3-20
Baler configurations 3-22
Operator's panel 3-23
Tests 3-25

MidWestTech | Case RB455A Round Baler Deluxe Control System Operator's Manual |... Order the manual at mid-west-tech.com >

4 MAINTENANCE

STORING THE UNIT

Monitor - Storing 4-1

5 TROUBLESHOOTING

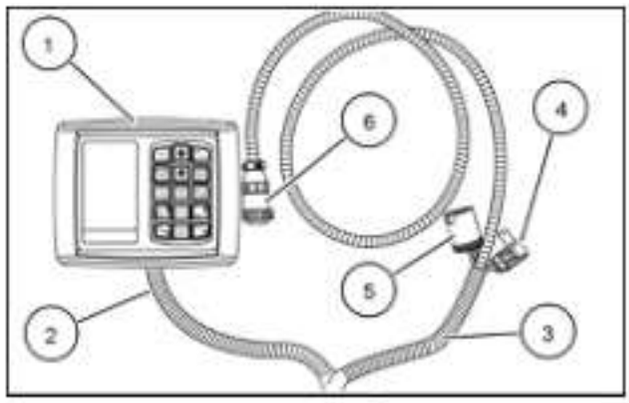
FAULT CODE RESOLUTION

Basic instructions 5-1
Basic instructions Actuator tests 5-1
Electronics 5-3

MidWestTech | Case RB455A Round Baler Deluxe Control System Operator's Manual |... Order the manual at mid-west-tech.com >

Deluxe Twine

The Deluxe Control System operator's panel allows the operator to control the twine wrapping operations from the tractor operator's seat. The Deluxe Control System operator's panel wire harness, Figure **2**, has two branches. The operator's panel **(1)** has an 8-pin connector to connect with a plug on the harness **(2)**. The plug connection allows the operator's panel to be disconnected for storage if desired.

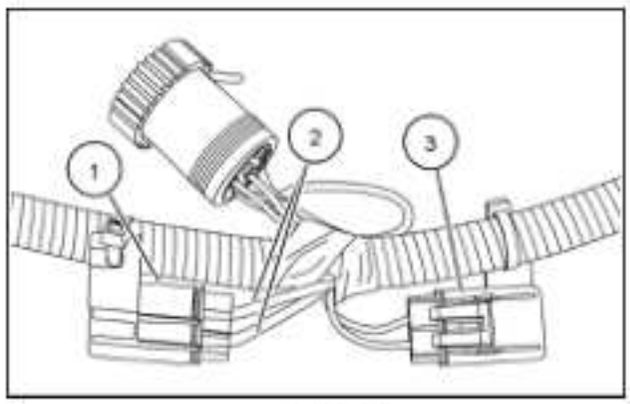


23110896 2

The second branch **(3)** has two fuse housings at **(4)** and a Diagnostic and Maintenance (DAM) connector **(5)** utilized only by your Dealer Service personnel for connection to an Electronic Service Tool (EST).

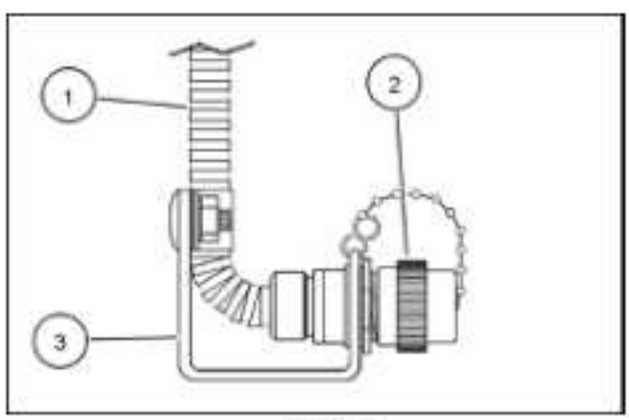
The end of the second branch has a plug connector **(6)** for connection to the tractor's power outlet found in some tractors with cabs, or the plug can be connected to an optional power wire harness that connects directly to the tractor's **12 V** negative **(-)** ground power source.

The deluxe twine only unit has two fuse housings adjacent to the DAM connector; a **25 A** fuse **(1)** with heavier gauge wires **(2)**, and a **5 A** fuse **(3)**.



93103242 3

The opposite end of the harness **(1)** for tractor-to-baler connection has a connector plug **(2)** and bracket **(3)** for mounting to the rear of the tractor.



23089567 4

MidWestTech | Case RB455A Round Baler Deluxe Control System Operator's Manual |... Order the manual at mid-west-tech.com >

Applicable WARNING statements

⚠ WARNING

Maintenance hazard!
Observe the following safety precautions before performing any lubrication or maintenance. 1. Shut off tractor engine and remove key. 2. Disengage PTO drive. 3. Engage tractor parking brake. 4. Engage tailgate lockout valve if tailgate is raised. 5. Make sure all guards and shields are installed.
Failure to comply could result in death or serious injury.

W0335B

⚠ WARNING

Unexpected movement!
To prevent accidental movement of an actuator during service, turn the operator's panel system OFF once the actuator is in the desired service position.
Failure to comply could result in death or serious injury.

W0336A

MidWestTech | Case RB455A Round Baler Deluxe Control System Operator's Manual |... Order the manual at mid-west-tech.com >