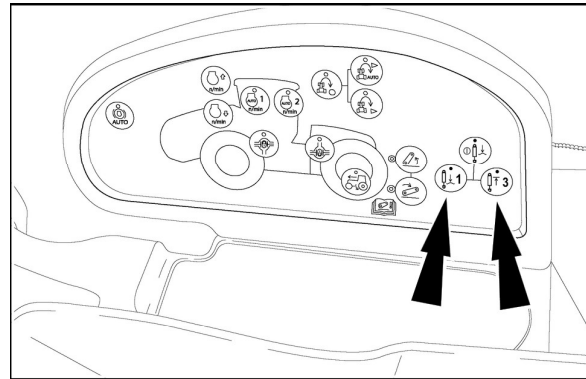


## Auto auxiliary mode operation

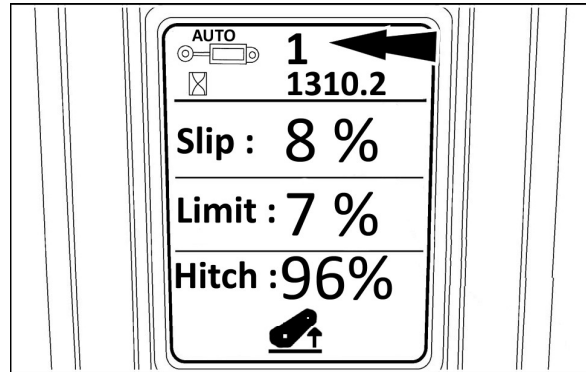
The Auto auxiliary remote valve feature is commonly used with third party controllers such as scrapers which control the cut depth. If a third party control system requires calibration then the operator will need to enter the scraper calibration menu as shown in this section and perform the calibration.

The Auto auxiliary mode controls work with remote auxiliary valves 1 and/or 3. Pressing the "1" and/or "3" control turns the auto function On for the selected remote and illuminates the lamp on the upper part of the button. Pressing the "1" and/or "3" control again turns the auto mode function Off for that remote valve and the upper lamp will not be illuminated. The auto mode is not functional while the tractor is standing still.

When operating in Auto auxiliary mode, the upper portion of the programmable display screen shows the auto selection. The display screen will show if remote valves 1 and/or 3 are active in auto mode. The hour meter in the bottom half of the display is visible at all times. When the Auto auxiliary mode is shut off, the display will return to its normal screen. When auto mode 1 or 3 is On, the operator can override the auto control by using the remote hydraulic lever to control the scraper. When the auto mode is overridden, the indicator light on the switch and the display number will be flashing.



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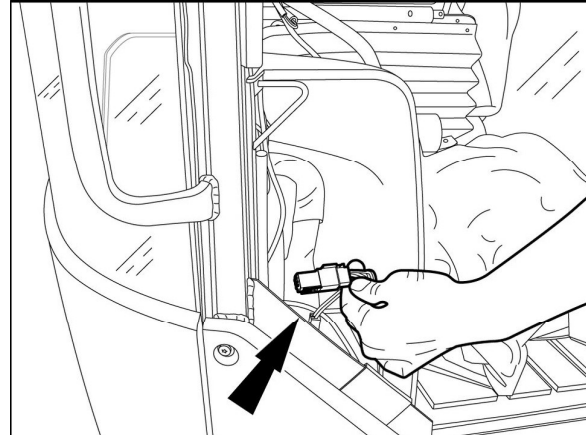


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## Implement Potentiometer Connector Plug

The implement connector (C686M) is located in the right rear window duct housing inside the cab. It can be seen by opening the right hand window.

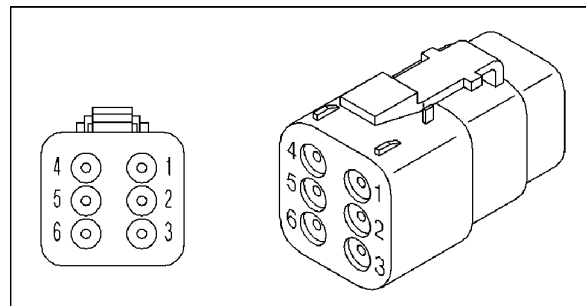
**NOTE:** If your tractor is equipped with the optional implement depth control kit, the harness from the implement depth kit will be plugged into this connector. This optional harness must be unplugged for auto auxiliary mode operation.



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The diagram shows the tractor side connector plug pin numbers, location and usage for implement auto position potentiometers.

Scraper auto mode	
Scraper No. 1	Scraper No. 2
Pin 5 - Power	Pin 5 - Power
Pin 6 - Ground	Pin 6 - Ground
Pin 1 - Signal	Pin 4 - Signal

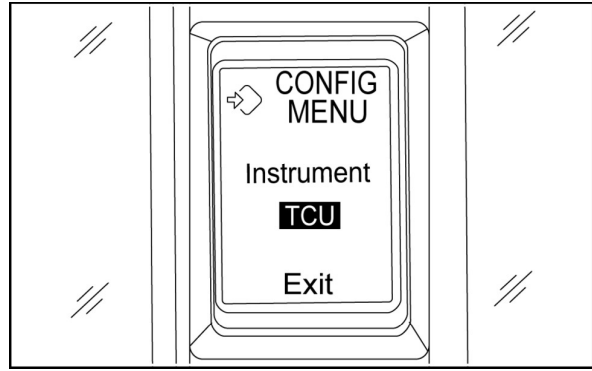


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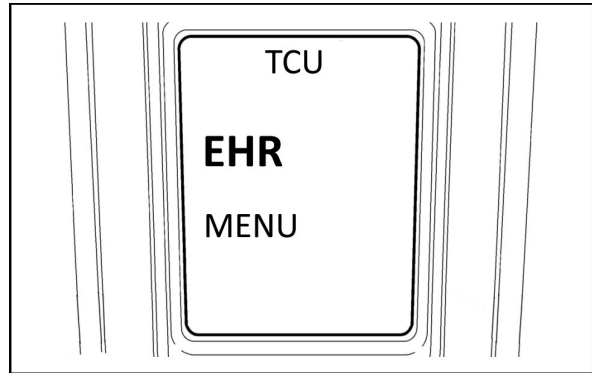
Contact your dealer for additional information.

## Configuring the system

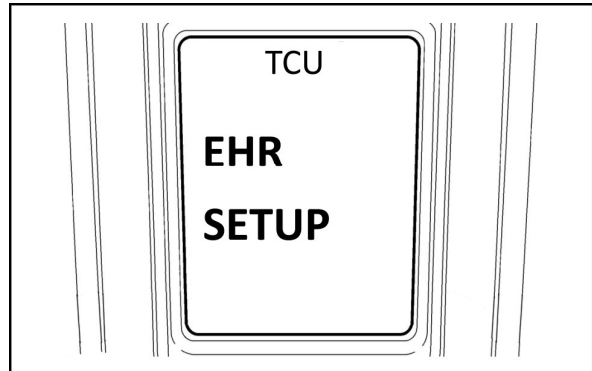
1. Turn the key switch to the On position and within 10 seconds press and hold the Enter key on the keypad to enter the Config Menu screen. Use the Up or Down arrow key to highlight "TCU" and press the Enter key.



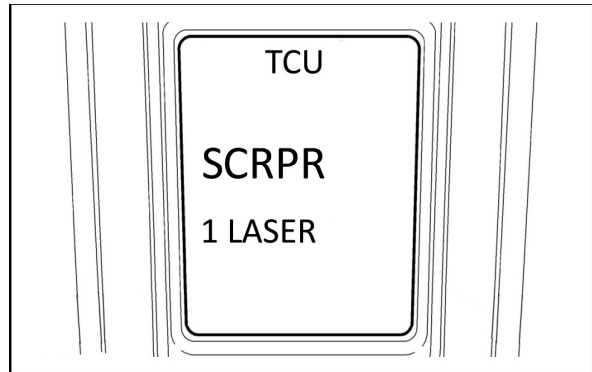
2. Use the Up or Down arrow key until "EHR Menu" is shown and then press the Enter key.



3. Use the Up or Down arrow key until "EHR SETUP" is shown and then press the Enter key.

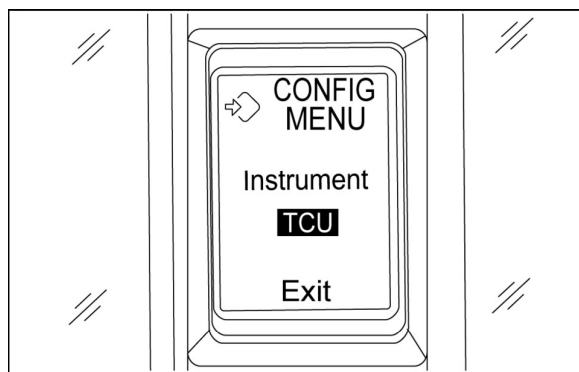


4. SCRPR NONE will be shown on the screen. Use the Up or Down arrow key until either "SCRPR - 1 LASER" or "SCRPR - 2 LASER" (as required) is shown and then press the Enter key. Navigate out of the setup screens or turn the key to the Off position and the selection will be saved.



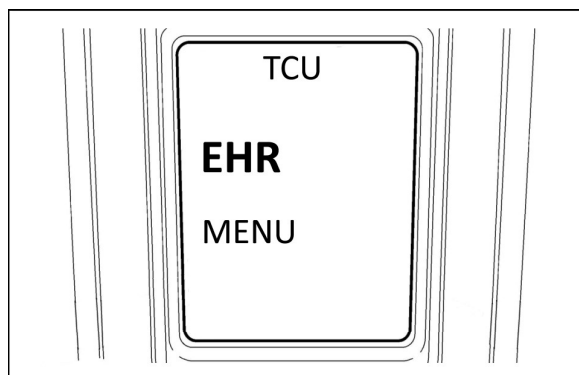
## Scraper calibration menu

1. Turn the key switch to the On position and within 10 seconds press and hold the Program (PROG) key on the keypad to enter the Config Menu screen. Use the Up or Down arrow key to highlight "TCU" and press the Enter key.



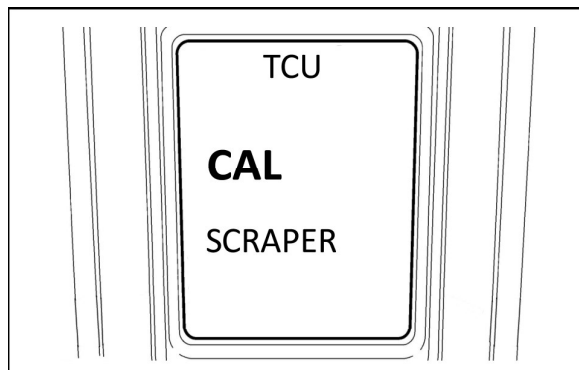
RCPH11FWD012BAM 9

2. Use the Up or Down arrow key until "EHR Menu" is shown and then press the Enter key.



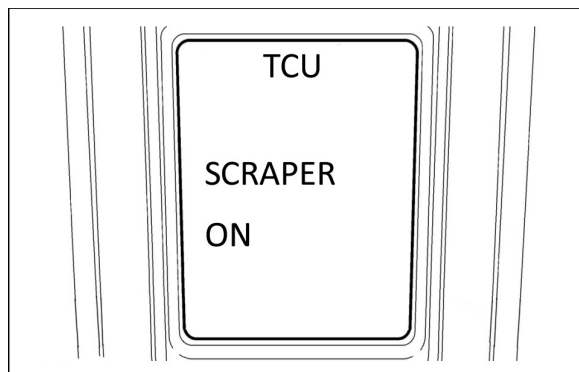
RCPH11FWD039AAM 10

3. Use the Up or Down arrow key until "CAL SCRAPER" is shown and then press the Enter key.



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4. "SCRPR ON" will be displayed. The operator can now calibrate the system while the tractor is standing still. When complete press the Enter key then navigate out of the menus.



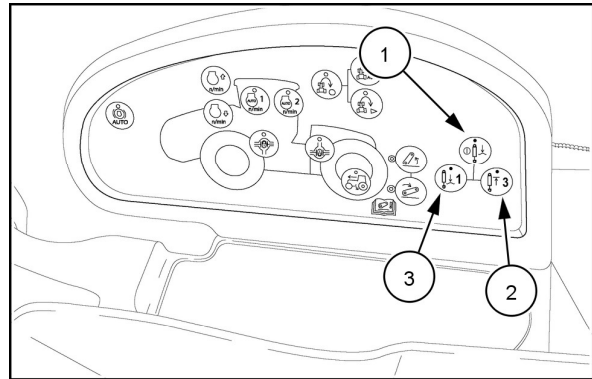
RCPH11FWD044AAM 12

## Auto depth control operation

The auto depth control system is used with tillage implements with a position sensor.

Auto depth control button **(1)** turns the feature on or off. When On, the light on the upper part of the button will be illuminated. Auto depth control button **(2)** sets the upper limit and button **(3)** sets the lower limit. To set these limits turn the system On, raise the implement to the desired height then press the upper limit button. The light on the On button will flash

To operate the system, turn auto depth control **(1)** On.

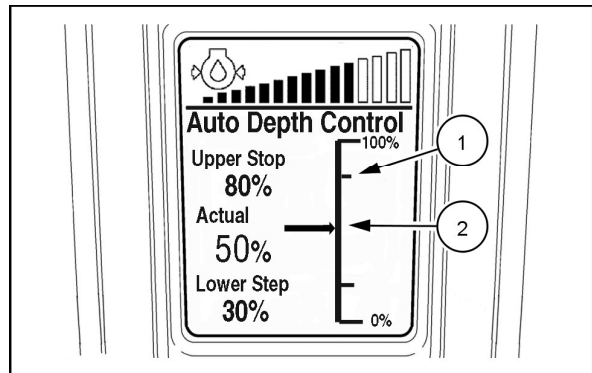


RCPH11FWD035GAM 1

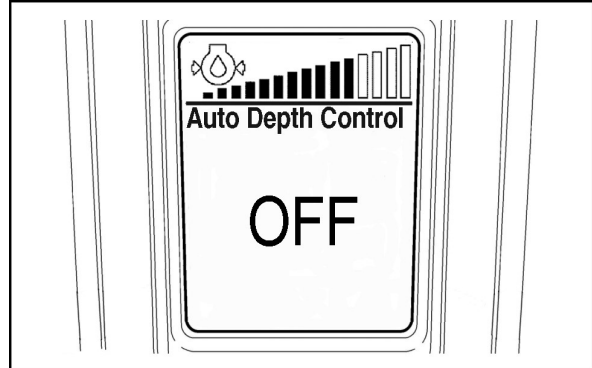
When the system is turned On, the lower instrument display will show the auto depth control screen. To set the upper limit, turn the system On, move the remote hydraulic lever 1 (or multi function remote 1) to the extend and raise the implement to the required height. Press the upper limit button. The light on the upper limit button will flash momentarily and the instrument will show the newly selected upper limit **(1)**. Repeat this procedure to set the lower limit.

When the upper and lower limits are set, operate the system by turning the system On and then moving the remote hydraulic lever 1 (or multi function remote 1) to extend or retract. The implement will be raised or lowered to the limit set. The current position of the implement will be shown as actual on the display **(2)** whenever the system is in the On position.

When the auto depth control system is shut Off, the lower display will momentarily show off and return to normal operating screens.



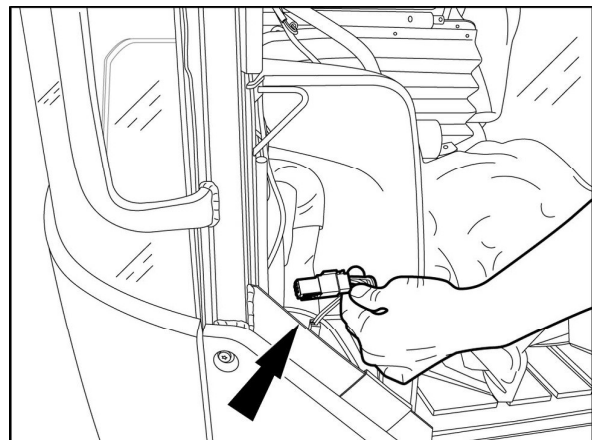
RCPH11FWD045AAM 2



RCPH11FWD046AAM 3

## Implement Potentiometer Connector Plug

The implement connector (C686M) is located in the right rear window duct housing inside the cab. It can be seen by opening the right hand window.



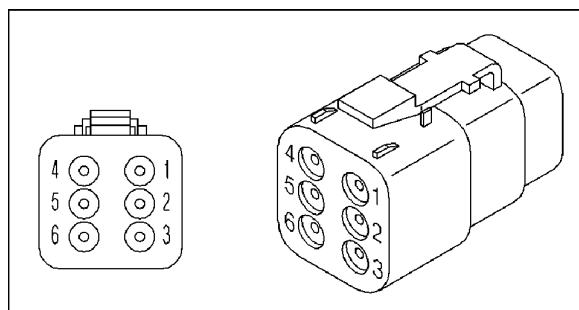
RCPH11FWD007BAU 4

The diagram shows the tractor side connector plug pin numbers, location and usage for implement auto position potentiometers.

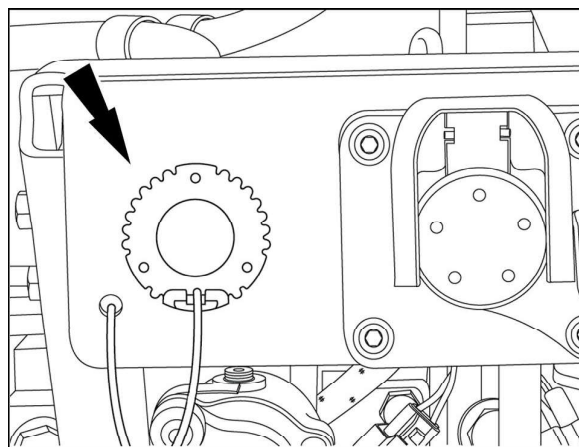
Implement auto depth control
Remote Valve No.1
Pin 1 - Signal
Pin 2 - Power
Pin 3 - Ground

Contact your dealer for additional information.

A implement depth control kit is available from your dealer. This kit will add a connector to the rear of your tractor for depth control operation.



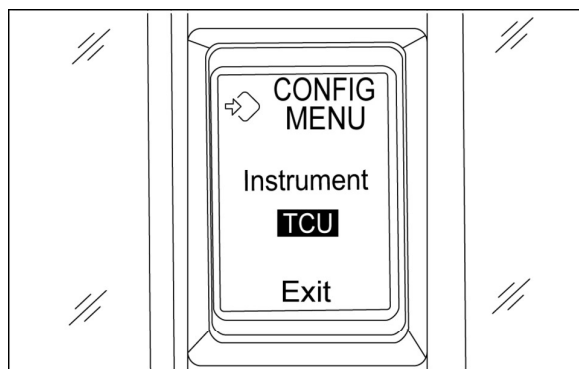
RCPH09FWD098AAJ 5



RCPH11FWD019BAU 6

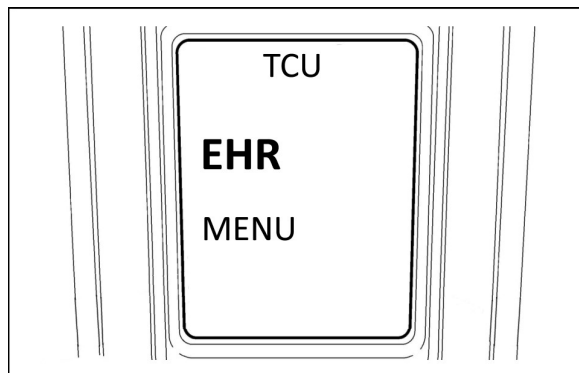
## Configuring the system

1. Turn the key switch to the On position and within 10 seconds press and hold the Program key on the keypad to enter the Config Menu screen. Use the Up or Down arrow key to highlight "TCU" and press the Program key.



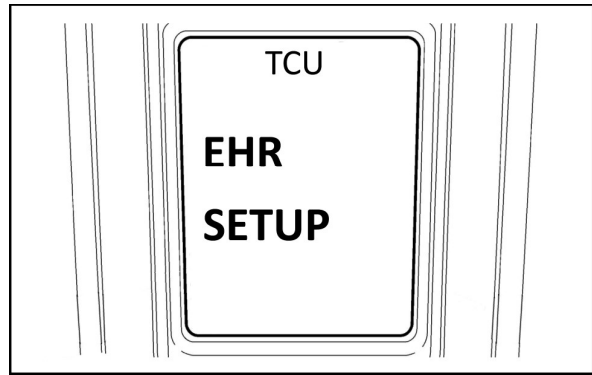
RCPH11FWD012BAM 7

2. Use the Up or Down arrow key until "EHR Menu" is shown and then press the Program key.



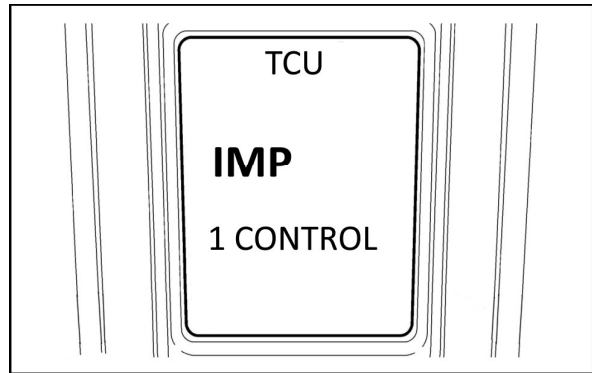
RCPH11FWD039AAM 8

3. Use the Up or Down arrow key until "EHR SETUP" is shown and then press the Program key.



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4. SCRPR NONE will be shown on the screen. Use the Up or Down arrow key until either "IMP 1 CONTROL" is shown and then press the Program key. Navigate out of the setup screens or turn the key to the Off position and the selection will be saved.



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