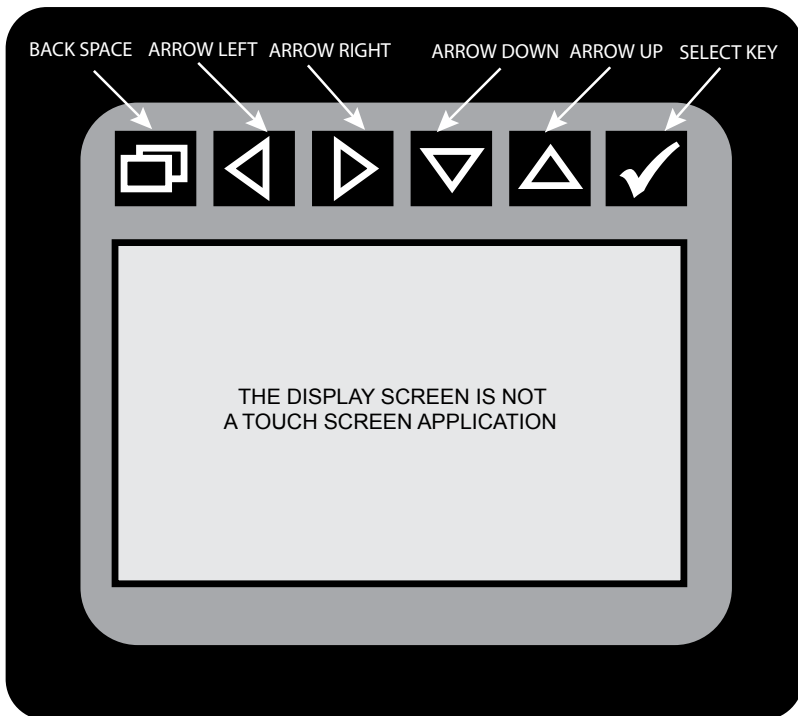


# Navigation

1



*The operator will use the buttons on top of the hand-held body module to navigate to the different menu options. If there are special requirements for the use of a button in a menu, there will be instructions on the screen indicating the operation of the button. Always follow instructions on the screen for button functionality.*

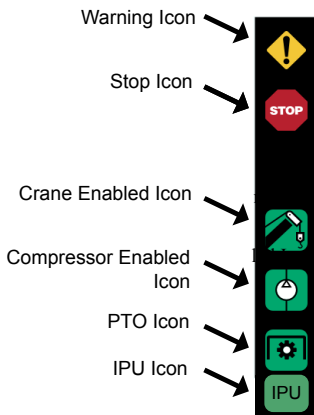


**This chart is to be used as a “quick reference” guide only.  
It should not be substituted for a thorough review of the manual.**

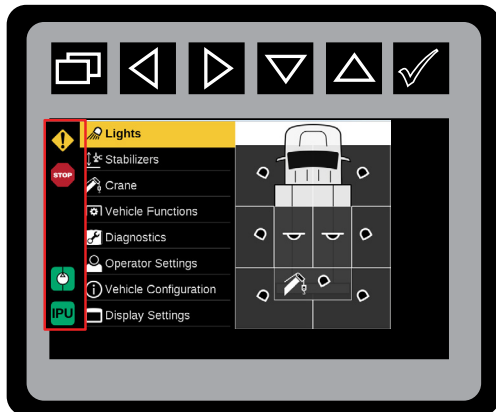
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# Navigation

2



Status Icons Locations



Status Icons, Left Sidebar

Check Mark Indicates  
the selected item will  
be used.

Remote Cradle	<input checked="" type="checkbox"/>
<b>Boom Stowed</b>	<input checked="" type="checkbox"/>

Radio Buttons indicate  
only one option.

No	<input checked="" type="radio"/>
Auto	<input type="radio"/>
In-Cab Light Switch	<input type="radio"/>

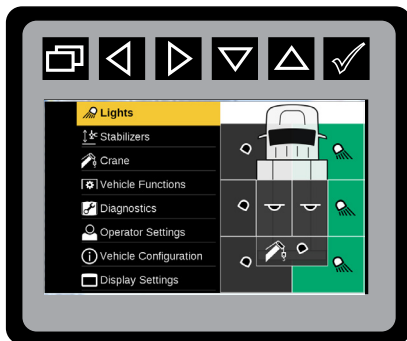


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# LIGHTS

3



Main Menu: Lights Preview

The Lighting Screen will be split into two areas:

- Light Group (left sidebar),
- Status and Individual Selection (right sidebar).

From the Main Menu:

1. Press to select Lights Mode.
2. Press to select individual light group.

Press to choose light(s).

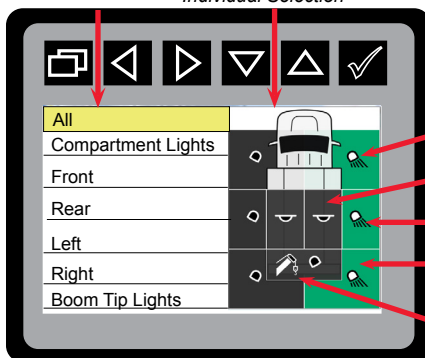


When choosing a specific light, the illustration will turn yellow



Left sidebar  
Light Group

Right sidebar  
Status and  
Individual Selection



Light Menu

Front Left / Right Flood Lights

Compartment Lights

Middle Left / Right Flood Lights

Rear Left / Right Flood Lights

Boom Tip Lights

3. Press to turn power **ON** or power **OFF** selected light groups or individual lights.

4. Press to return to **Main Screen**.



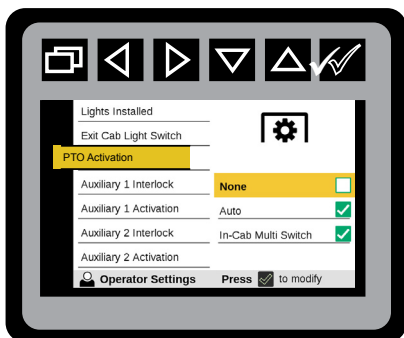
Your display screen will only show the lights that are configured for your vehicle.



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## Operating Settings - PTO



1. From the **Main Menu** press the to navigate to **Operator Settings**.
2. Press to navigate to PTO Activation.
3. Press to initiate **PTO Activation** states.

**None:** Operator **DOES NOT** want the PTO to come on automatically.

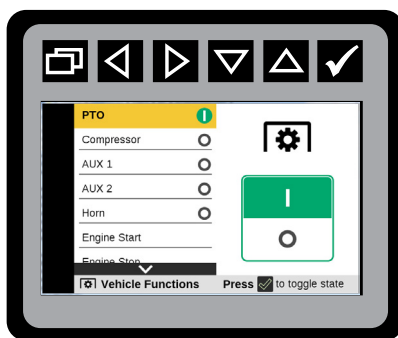
**Auto:** Functionality is set to come on automatically when requiring PTO power.

**In Cab Multi-Switch:** The PTO power is engaged from the switch on the dash, or through one of the other menus.

4. Press to return to **Main Menu**

If the operator chooses **None**, PTO power must be activated manually through the switch on the dash, or through one of the other menus.

## Vehicle Functions - Auto PTO



1. From the **Main Menu** press the to navigate to **Vehicle Functions**.
2. Press to navigate to **PTO**.
3. Press to power **ON** or power **OFF** PTO switch.
4. Press to return to **Main Menu**

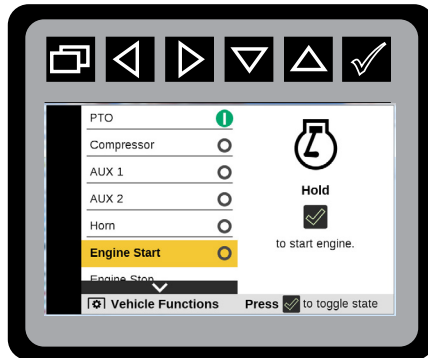
If the chassis type is set to "IPU" or "Paccar Engine", the Crane Power and PTO will not be shown.  
Auto PTO has no user interaction, and most will be configured for Auto PTO before it leaves the factory.



This chart is to be used as a "quick reference" guide only.  
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## Engine Start / Stop

5



1. Press to initiate **Vehicle Functions mode**
2. Use to navigate to **Start** or **Stop Engine mode**.
3. Press to initiate **Engine Start / Stop mode**.
4. Press and hold until you hear the engine **START** or **STOP**.
5. Press to return to the **Main Menu**.

Press and holding the works the same as a key turning on or turning off the engine on a vehicle. Press and holding the will shut-off the engine in the **Engine Stop** mode.

The illustration above shows the **Engine Start** mode.  
The instructions are for both **Engine Start** and **Engine Stop**.

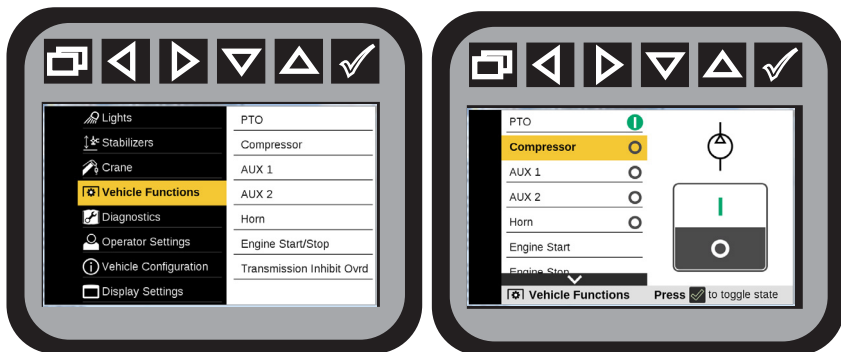


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# Compressors

6



1. From the **Main Menu** press the to navigate to **Vehicle Functions**.
2. Press to navigate to Compressor Activation.
3. Press the to activate **Compressor** mode.
4. Press to power **ON** or power **OFF** Compressors.
5. Press the to toggle **Compressor** state.
6. Press to return to **Main Menu**.

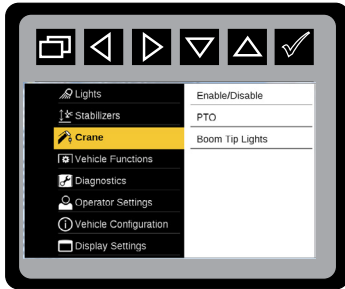


This chart is to be used as a “quick reference” guide only.  
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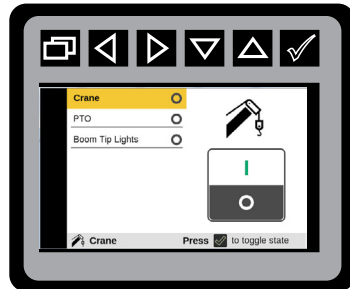
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# CRANE

7



Main Menu: Crane

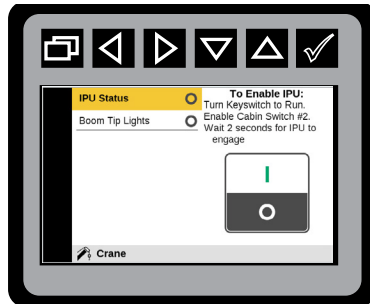


Crane: Enable Mode

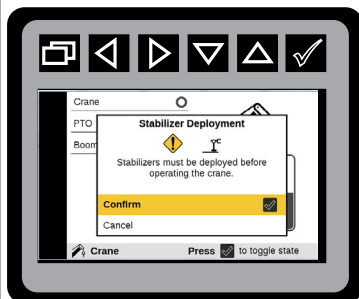
The Crane menu allows the selection of Power On and Power Off options for Crane, PTO, and Boom Tip Lights.

If the chassis type is set to "IPU" the Crane Power and PTO will not be shown. Instead, the IPU Status option will be shown with instructions on how to enable the IPU. If the Chassis Option is selected as Paccar Engine, the PTO object also will not be shown.

After the IPU activation, the operator can remove the key from the ignition.



IPU Status Row



Crane: Stabilizer Acknowledgment

When Crane is selected to turn on, a pop-up menu will be displayed asking the operator to confirm the stabilizers have been deployed. Once you confirm the stabilizers are deployed, ☒ the display will verify the status of the PTO.

If a menu option is not configured it will not be displayed on the screen. If none of the options are configured to your equipment, "No Options Configured", will be displayed.

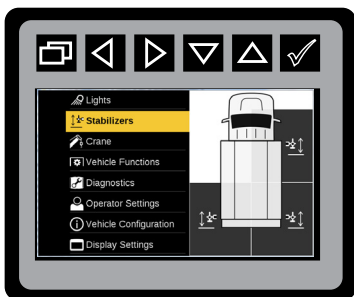


This chart is to be used as a "quick reference" guide only. It should not be substituted for a thorough review of the manual.

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# STABILIZERS

8



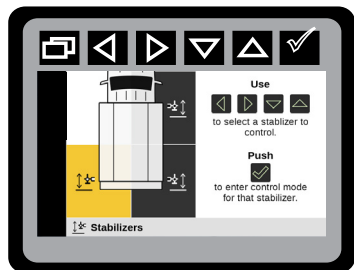
Main Menu: Stabilizer Preview

The Stabilizer menu allows the operator to maneuver selected stabilizers from the control screen in a two-step process.

1. Press to select Stabilizer Mode.

Press to initiate Stabilizer states.

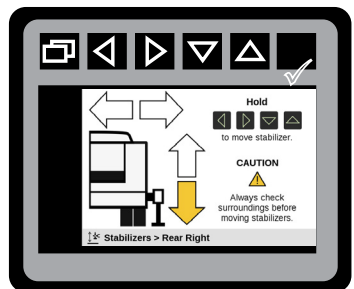
2. Press to initiate Stabilizer.



Stabilizer Selection Mode

3. Press to operate the Stabilizer selected.

This illustration shows the highlighted stabilizer location in the Stabilizer Selection Mode.



Stabilizer: Control Mode

4. Once the requested stabilizer is highlighted, press to enter the stabilizer control mode to move the stabilizer up and down or extend the stabilizers back and forth. The requested stabilizer's active movement is highlighted.

Only the directional arrows for the installed stabilizer options will be displayed. If the stabilizers are not extendable, only the up / down status arrows will be displayed. Only one stabilizer will operate / function at a time. Verify correct stabilizer placement.

5. Press to return to Stabilizer or Main Menu.

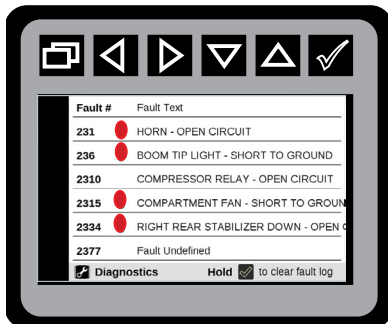
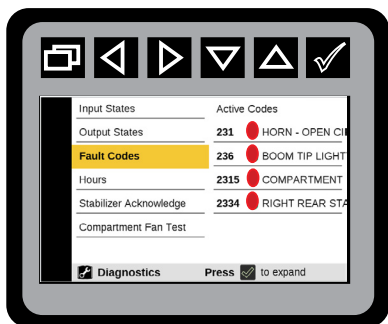


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## FAULT CODES

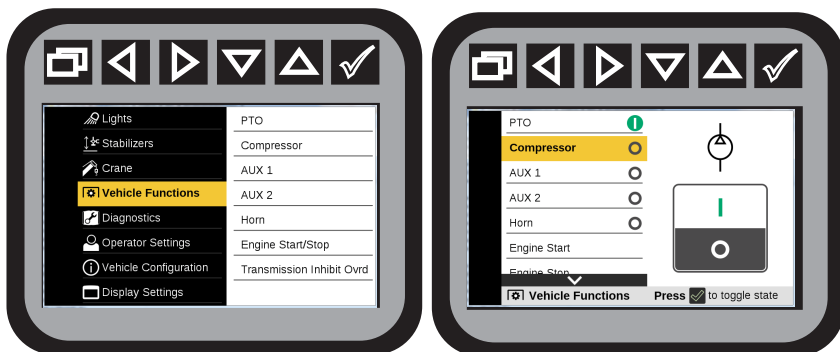


1. Press navigate to the **Diagnostic Menu**. Press .
2. Press to navigate to **Fault Codes**.
3. Press to initiate the **Diagnostic Fault Code** preview menu.
4. Press to initiate fault states. This state will display:
  - 25 most recent codes in chronological order
  - DTCØ indicates a power cycle.
  - Press and hold to clear fault log.



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# Compressors



1. From the **Main Menu** press the to navigate to **Vehicle Functions**.
2. Press to navigate to **Compressor Activation**.
3. Press the to activate **Compressor** mode.
4. Press to power **ON** or power **OFF** Compressors.
5. Press the to toggle **Compressor** state.
6. Press to return to **Main Menu**.

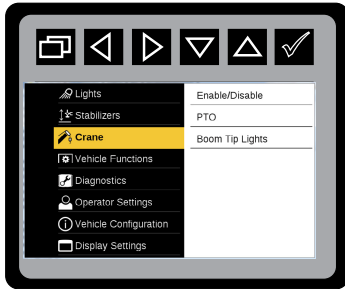


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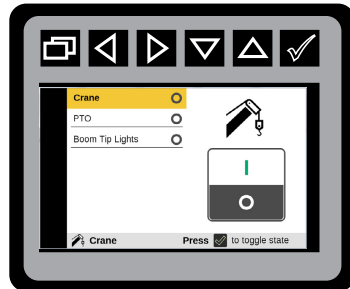
This chart is to be used as a “quick reference” guide only.  
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# CRANE

7



Main Menu: Crane

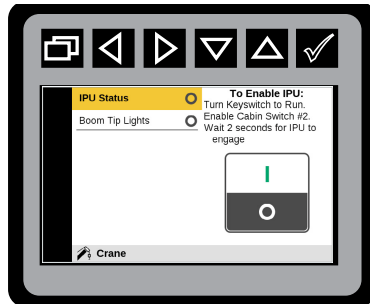


Crane: Enable Mode

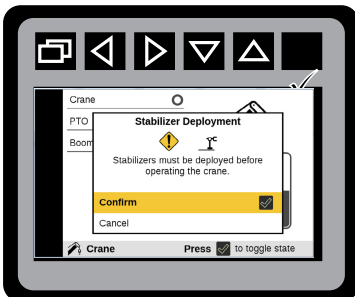
The Crane menu allows the selection of Power On and Power Off options for Crane, PTO, and Boom Tip Lights.

If the chassis type is set to "IPU" the Crane Power and PTO will not be shown. Instead, the IPU Status option will be shown with instructions on how to enable the IPU. If the Chassis Option is selected as Paccar Engine, the PTO object also will not be shown.

After the IPU activation, the operator can remove the key from the ignition.



IPU Status Row



Crane: Stabilizer Acknowledgment

When Crane is selected to turn on, a pop-up menu will be displayed asking the operator to confirm the stabilizers have been deployed. Once you confirm the stabilizers are deployed, the display will verify the status of the PTO.

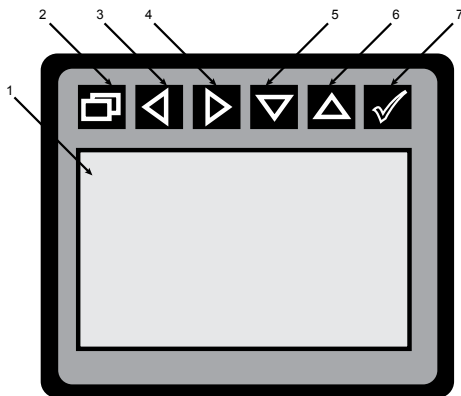
If a menu option is not configured it will not be displayed on the screen. If none of the options are configured to your equipment, "No Options Configured", will be displayed.




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# DISPLAY SCREEN & KEYPAD

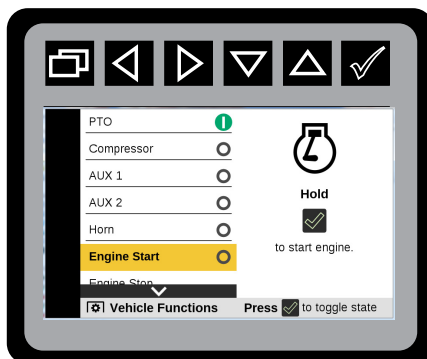


NO.	NAME	DESCRIPTION
1.	Display Screen	This displays the options for each screen on the hand-held Body Module.
2.	Backspace	Exit back to the previous screen or back to the Main Menu*.
3.	Arrow Left	Move back one screen level
4.	Arrow Right	Move forward one screen level
5.	Arrow Down	Used to navigate to an individual item displayed on the Main Screen in both the left and right sidebars.
6.	Arrow Up	
7.	Select	Used in selecting a configuration. <b>NOTE:</b> This button has to be pressed whenever navigating configurations with button numbers 2-6 to execute any operation / configurations.

 The operator will use the buttons on top of the hand-held body module to navigate to the different menu options. If there are special requirements for the use of a button in a menu, there will be instructions on that specific screen indicating the operation of the button. **The Display Screen is NOT a touch screen application.**

 \*To return back to the Main Menu screen, push the backspace button  as many times necessary.

## Engine Start / Stop



1. Press to initiate **Vehicle Functions mode**
2. Use to navigate to **Start** or **Stop Engine mode**.
3. Press to initiate **Engine Start / Stop mode**.
4. Press and hold until you hear the engine **START** or **STOP**.
5. Press to return to the **Main Menu**.

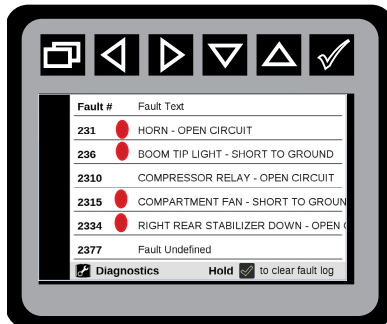
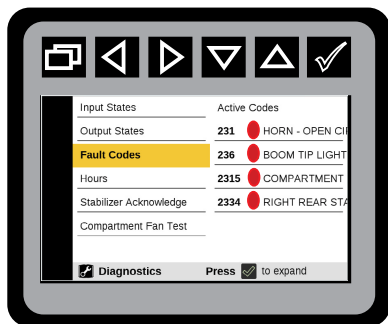
Press and holding the works the same as a key turning on or turning off the engine on a vehicle. Press and holding the will shut-off the engine in the **Engine Stop** mode.

The illustration above shows the Engine Start mode.  
The instructions are for both Engine Start and Engine Stop.



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## FAULT CODES

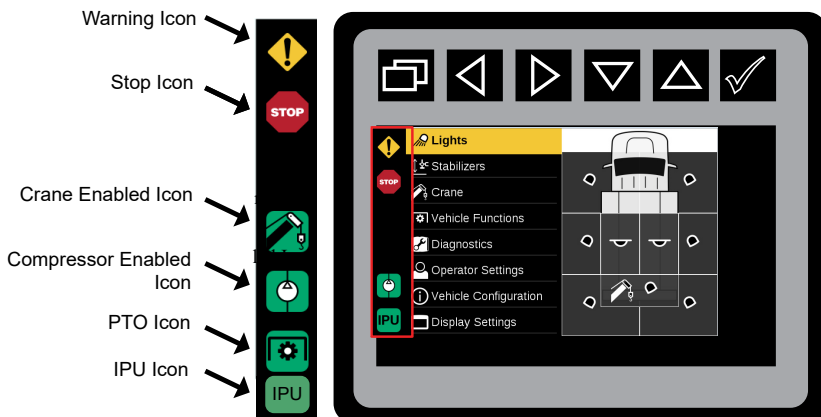


1. Press navigate to the **Diagnostic Menu**. Press
2. Press to navigate to **Fault Codes**.
3. Press to initiate the **Diagnostic Fault Code** preview menu.
4. Press to initiate fault states. This state will display:
  - 25 most recent codes in chronological order
  - DTCØ indicates a power cycle.
  - Press and hold to clear fault log.



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## INTEGRATED POWER UNIT (IPU) ACTIVATION



When the IPU Chassis is selected, the IPU will be used to drive the hydraulic power for the crane and body functions, and will command hydraulic power when needed for the Crane, Stabilizers, and Compressor.

To start IPU:

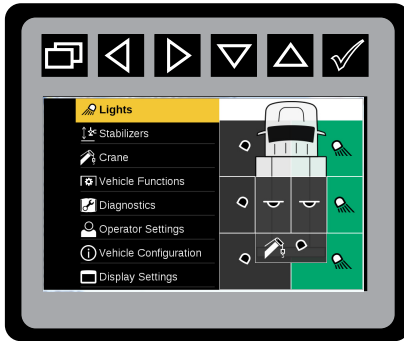
1. Engage E-Brake.
2. Turn chassis ignition key to the "RUN" position.
3. Activate cab switch # 2.
4. Wait two seconds.
5. Chassis ignition can be turned from the "RUN" position, to the "OFF" position. Ignition key can be removed.
6. Navigate to Crane Menu and turn on the crane.
7. IPU will be operational using the controls found in their stored compartment.



**This chart is to be used as a "quick reference" guide only.  
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# LIGHTS

3



Main Menu: Lights Preview

The Lighting Screen will be split into two areas:

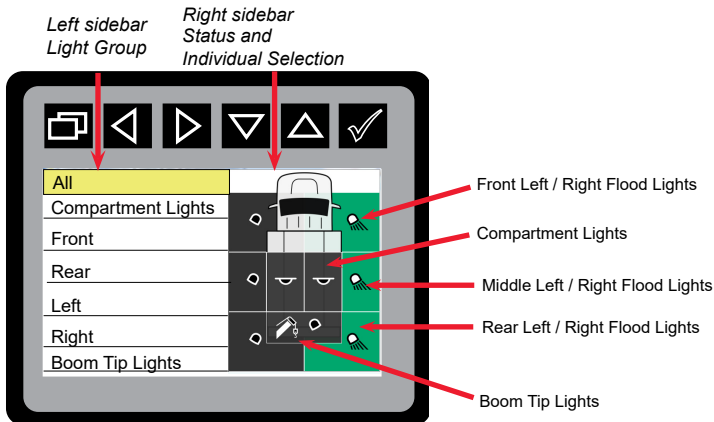
- Light Group (left sidebar),
- Status and Individual Selection (right sidebar).

From the Main Menu:

1. Press to select Lights Mode.
2. Press to select individual light group.

Press to choose light(s).

When choosing a specific light, the illustration will turn yellow



Light Menu

3. Press to turn power **ON** or power **OFF** selected light groups or individual lights.
4. Press to return to **Main Screen**.

Your display screen will only show the lights that are configured for your vehicle.



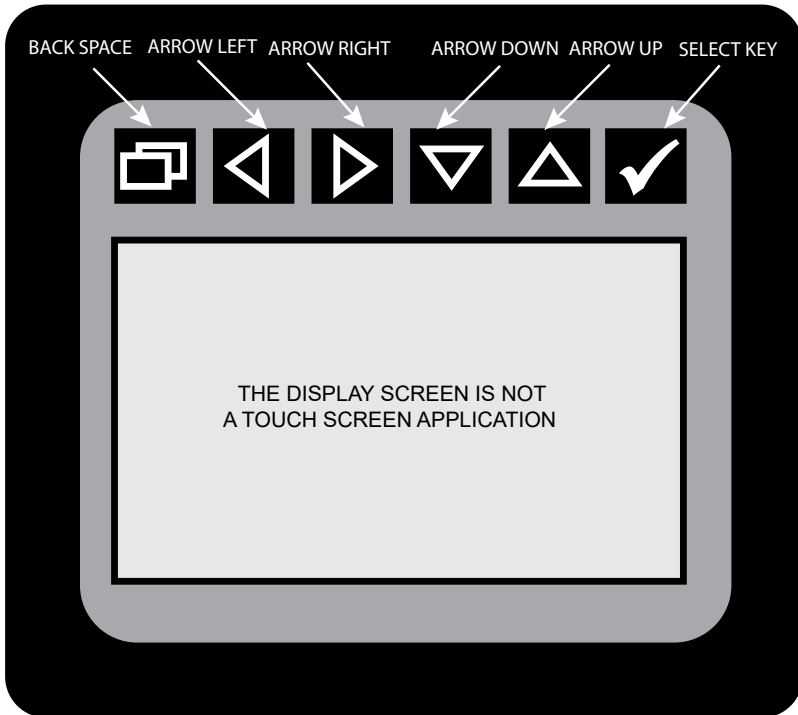
This chart is to be used as a “quick reference” guide only.  
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## Navigation

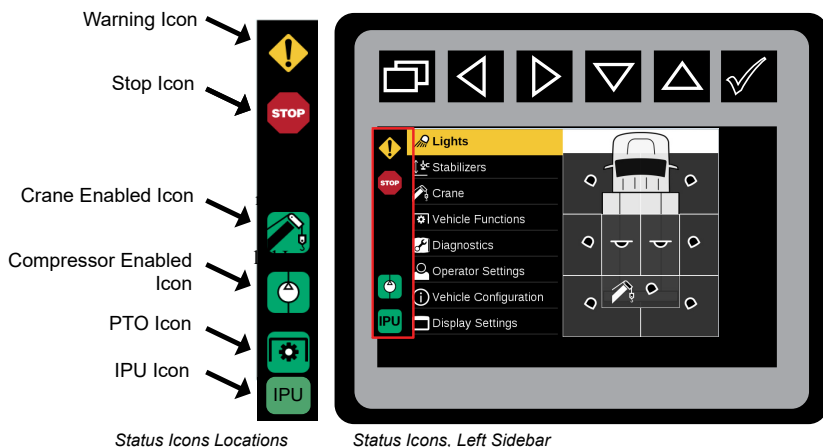


*The operator will use the buttons on top of the hand-held body module to navigate to the different menu options. If there are special requirements for the use of a button in a menu, there will be instructions on the screen indicating the operation of the button. Always follow instructions on the screen for button functionality.*



**This chart is to be used as a “quick reference” guide only. It should not be substituted for a thorough review of the manual.**

# Navigation



Check Mark Indicates  
the selected item will  
be used.

Remote Cradle	<input checked="" type="checkbox"/>
<b>Boom Stowed</b>	<input checked="" type="checkbox"/>

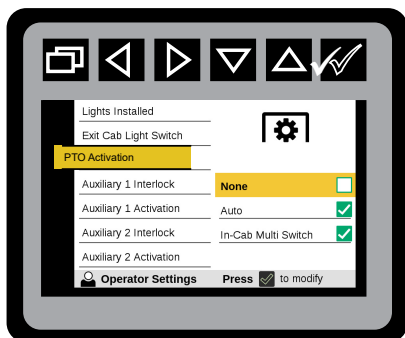
Radio Buttons indicate  
only one option.

No	<input checked="" type="radio"/>
Auto	<input type="radio"/>
In-Cab Light Switch	<input type="radio"/>



This chart is to be used as a “quick reference” guide only.  
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## Operating Settings - PTO



1. From the **Main Menu** press the to navigate to **Operator Settings**.
2. Press to navigate to PTO Activation.
3. Press to initiate **PTO Activation** states.

**None:** Operator **DOES NOT** want the PTO to come on automatically.

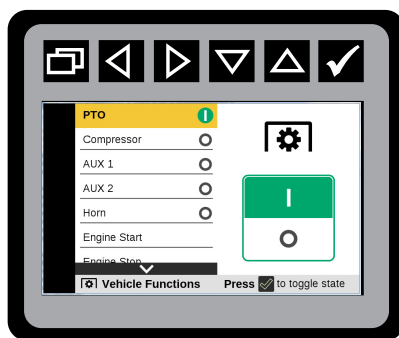
**Auto:** Functionality is set to come on automatically when requiring PTO power.

**In Cab Multi-Switch:** The PTO power is engaged from the switch on the dash, or through one of the other menus.

4. Press to return to **Main Menu**

If the operator chooses **None**, PTO power must be activated manually through the switch on the dash, or through one of the other menus.

## Vehicle Functions - Auto PTO



1. From the **Main Menu** press the to navigate to **Vehicle Functions**.
2. Press to navigate to **PTO**.
3. Press to power **ON** or power **OFF** PTO switch.
4. Press to return to **Main Menu**

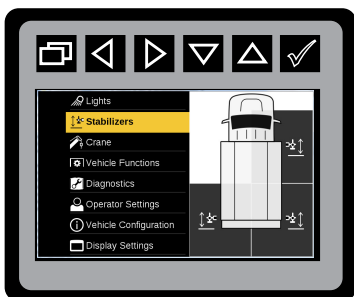
If the chassis type is set to "IPU" or "Paccar Engine", the Crane Power and PTO will not be shown. Auto PTO has no user interaction, and most will be configured for Auto PTO before it leaves the factory.



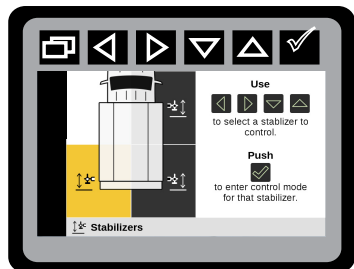
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# STABILIZERS

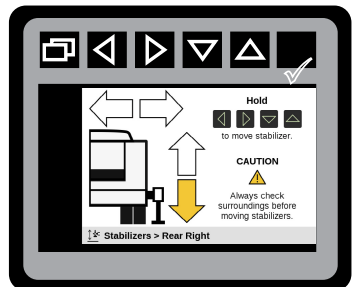
8



Main Menu: Stabilizer Preview



Stabilizer Selection Mode



Stabilizer: Control Mode

The Stabilizer menu allows the operator to maneuver selected stabilizers from the control screen in a two-step process.

1. Press to select Stabilizer Mode.

Press to initiate Stabilizer states.

2. Press to initiate Stabilizer.

3. Press to operate the Stabilizer selected.



*This illustration shows the highlighted stabilizer location in the Stabilizer Selection Mode.*

4. Once the requested stabilizer is highlighted, press to enter the stabilizer control mode to move the stabilizer up and down or extend the stabilizers back and forth. The requested stabilizer's active movement is highlighted.



*Only the directional arrows for the installed stabilizer options will be displayed. If the stabilizers are not extendable, only the up / down status arrows will be displayed. Only one stabilizer will operate / function at a time. Verify correct stabilizer placement.*

5. Press to return to **Stabilizer** or **Main Menu**.

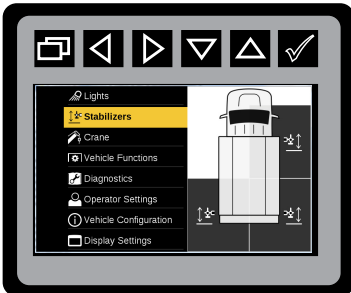


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## STABILIZERS

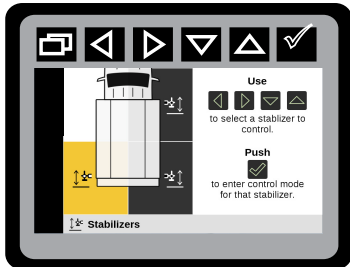


Main Menu: Stabilizer Preview

The Stabilizer menu allows the operator to maneuver selected stabilizers from the control screen in a two-step process.

1. Press to select Stabilizer Mode.

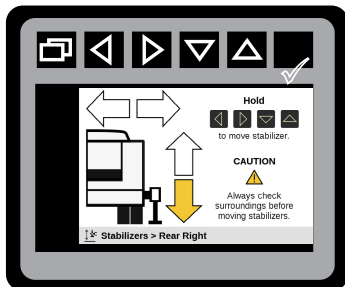
Press to initiate Stabilizer states.



Stabilizer Selection Mode

2. Press to operate the Stabilizer on the display.

This illustration shows the highlighted stabilizer location in the Stabilizer Selection Mode.



Stabilizer: Control Mode

3. Once the requested stabilizer is highlighted, press to enter the stabilizer control mode to move the stabilizer up and down or extend the stabilizers back and forth. The requested stabilizer's active movement is highlighted.

Only the directional arrows for the installed stabilizer options will be displayed. If the stabilizers are not extendable, only the up / down status arrows will be displayed.

Only one stabilizer will operate / function at a time. It is the operator's responsibility to make sure each stabilizer is level.

Press to return to **Stabilizer** or **Main Menu**.



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