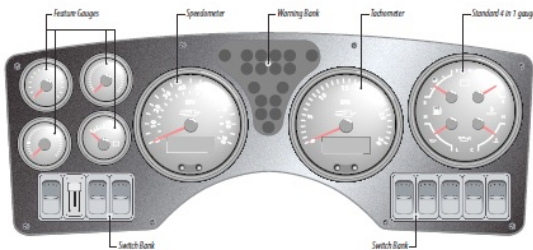


Retrieving Fault Codes from Various Dash Configurations

Service Update #17-0814



How do I get any Fault Codes from the dash

Blue Bird has a great feature where fault codes can be retrieved through the dash. This assists in diagnosing many failures when computers and programming are not readily available.

One issue we run across is how to get those codes from the dash as there have been several dash variations over the past few years.

Through Vantage we found the attached document which references all the dashes and procedures for pulling codes!

ANOTHER REASON TO USE VANTAGE!

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Viewing Dash Displayed Fault Codes

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Blue Bird Products Affected:

T3FE, T3RE 2018 MID Year Model To Current

BBCV, 2018 MID Year Model To Current

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Blue Bird Products Affected:

D3FE, D3RE, T3FE, T3RE 2009 – 2018 MID Year Model

BBCV, 2011 – 2018 MID Year Model

Viewing Active Fault Codes Actia Dash Discrete Gauges Page 5

Blue Bird Products Affected:

A3FE, A3RE, All Year Models

BBCV, 2003 - 2006 Year Model

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Blue Bird Products Affected:

BBCV, 2007 - 2010 Year Models

NOTE: General fault code descriptions can be viewed on the Blue Bird Vantage website below. Enter the dash displayed fault code identifier and failure mode number(s).

<https://vantage.blue-bird.com/Portal/dashFaultCodes.aspx>

NOTE: Select Powertrain for the Ford engine, and transmission. Only supported with the Ametek instrument cluster. All others require a standard OBD II scanner or Ford software (IDS) to view fault codes.

NOTE: On the GM engine, and CleanFuelUSA fuel system, a GM TECH II or equivalent is required to view fault codes.

NOTE: Additional fault code troubleshooting information is available on the engine, transmission, and ABS manufacturer websites.

<https://qsol2.cummins.com/info/index.html>

<http://www.roushcleantech.com/service>

<http://www.allisontransmissionpublications.com/>

<http://www.bendix.com/en/>

<http://www.meritorwabco.com/>

Viewing Fault Codes Ametek Dash Cluster



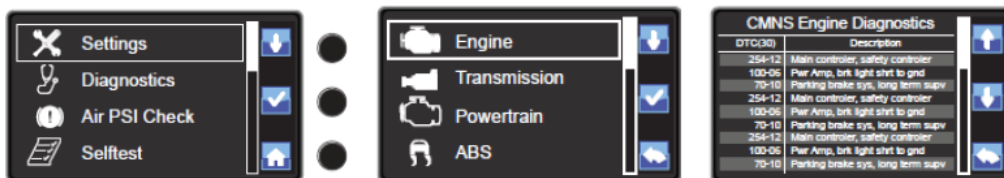
Ametek Settings and Diagnostics

Buttons

Access this menu by setting the Park Brake and then from the Drive Mode screen press the BOTTOM button and hold for more than 3 seconds or until the menu appears. Press the top button to move or toggle the selection box through the list as indicated by the softkey arrows. The item in the selection box will be selected when the middle button is pressed (as indicated by the softkey checkmark). To return to the Drive Mode screen, press the bottom button as indicated by the softkey home or home screen. This menu will auto exit to the Drive Mode screen after a 10 second time-out with no activity. If Park Brake is released, the display will return to the Drive Mode screen.

Diagnostics

Selecting the Diagnostics menu will display the following introduction screen allowing the selection of Engine, Transmission, Powertrain or ABS diagnostics. Pressing the bottom button will exit to the previous screen.



Engine Diagnostic. Selecting the Engine menu will display the engines DTC's (Diagnostic Trouble Codes) in a format dependent on engine type. Engine Type and number of active DTC's is located in the upper left corner. Press the bottom button to exit to the previous screen. Cummins will display as CMNS. The Engine Diagnostics screen displays the Suspect Parameter Number (SPN) and the Failure Model Identifier (FMI) as received from the engine for active faults through the J1939 data communication line. The example graphic shown in the right side margin displays Cummins active DTC's and a brief text description of that fault.

Viewing Fault Codes Actia Dash Cluster

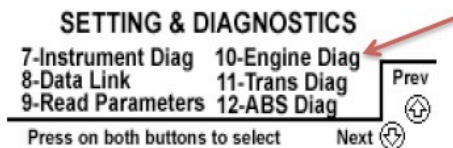


Lower Button

Upper Button

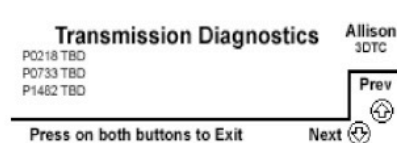
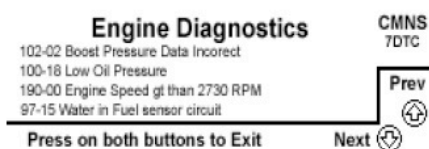
SETTINGS AND DIAGNOSTIC MENU

Access this menu by setting the park brake and then from the Drive Mode Screen press the lower button for >5 seconds. Use the upper and lower button to scroll the menu. Highlighted items can be selected by pressing both of the buttons together.

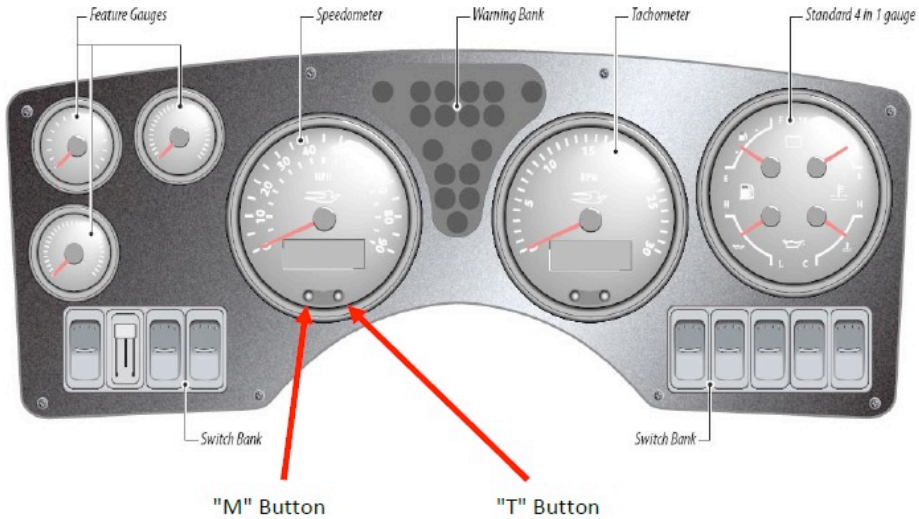


When selected the screen displays the active fault code(s).

Example:

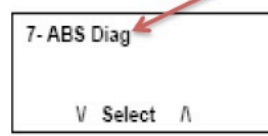
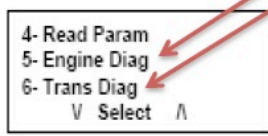


Viewing Fault Codes Actia Dash Speedometer

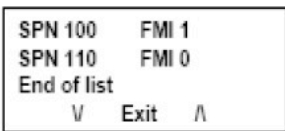


SETTINGS AND DIAGNOSTIC MENU

Access this menu by setting the park brake and then from the Drive Mode Screen press the "M" button for >5 seconds. Use the "M" and "T" button to scroll the menu. Highlighted items can be selected by pressing both of the buttons together.



When selected the screen displays the active fault code(s). Example:



Viewing Fault Codes Stoneridge Dash Cluster



DIAGNOSTIC MENU

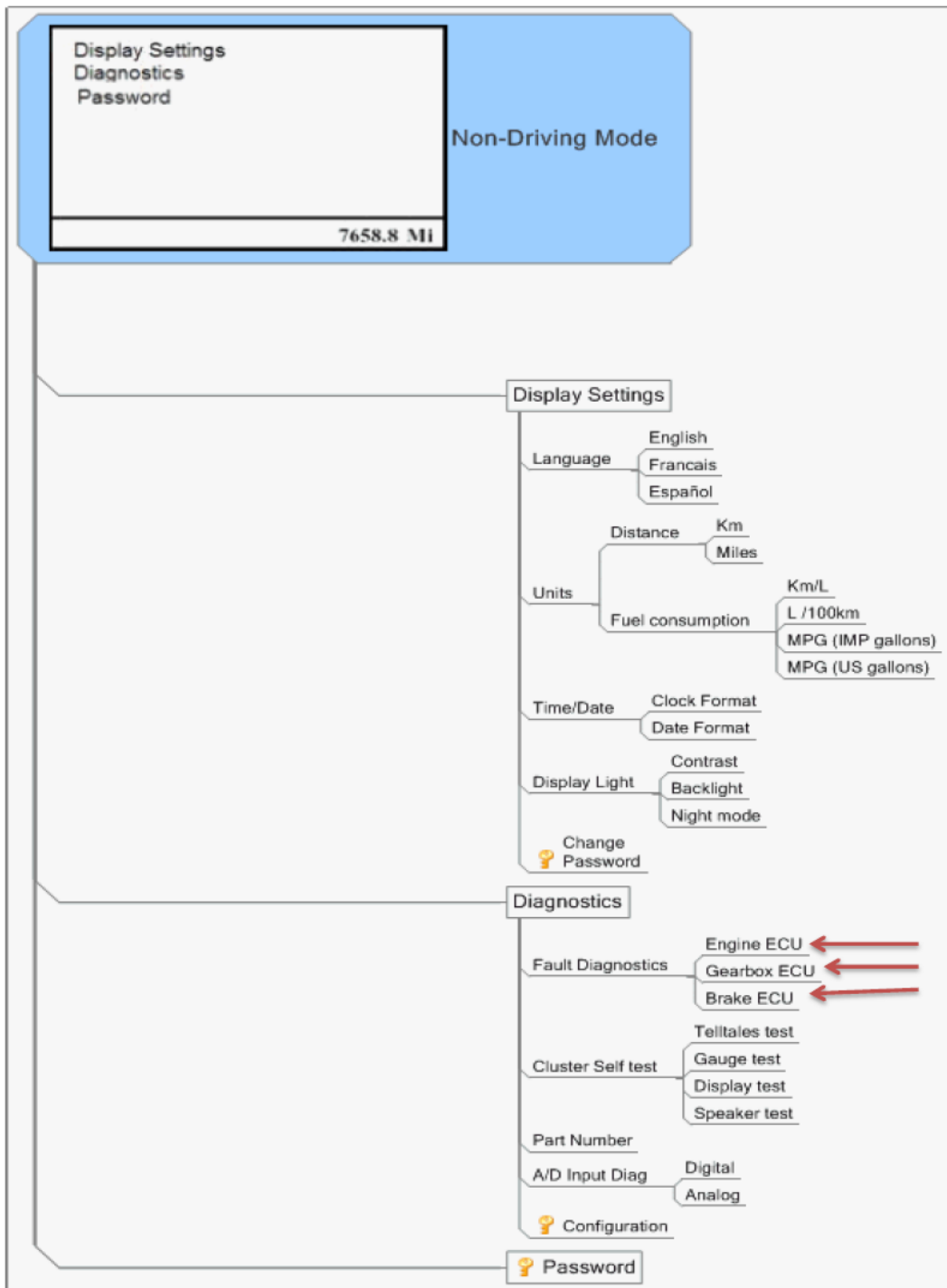
Menu navigation and option selection is done by pressing the Esc, Select, Up and Down buttons located in the stalk switch control lever. See Figures below



Stalk switch control lever

- Esc (escape) is used to return to the previous menu and cancel a setting operation
- <Left> Select is used to activate the highlighted option in the menu. Also it is used as the "enter" key.
- Up arrow moves the cursor up, also increments a numeric value during setting operations.
- Down arrow moves the cursor down, also decrements a numeric value during setting operations.

When selected the screen displays the active fault code(s).



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CONTACT OUR SERVICE OR PARTS DEPARTMENT WITH ANY QUESTIONS

SERVICE

Chittenango: 800-962-5768
Daryl Wallace or Brian Lamaitis

Rochester: 800-463-3232
Dave Schaub

Albany: 866-867-1100
Ben Reiling

Warranty: 800-962-5768
Morgan Jenkins

**Customer Service
Representatives**

Eastern Region:
Gary Bigness
845-500-3707

Central Region:
JJ Richmond
315-559-3999

Western Region:
Mike Panzica
716-908-3186

PARTS

Director of Parts
Jim Hogan
jhogan@newyorkbussales.com
607-227-5794

Chittenango: 800-962-5768
Gari McQuade
gmcquade@newyorkbussales.com
Bill Cox
bcox@newyorkbussales.com
John Lewin
jlewin@newyorkbussales.com
Dave Grant
dgrant@newyorkbussales.com

Albany: 866-867-1100
Sean Conway
sconway@newyorkbussales.com
Pat Murphy
pmurphy@newyorkbussales.com

Rochester: 800-463-3232
Steve Hibbard
shibbard@newyorkbussales.com

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