

2016 Ford Mustang V8-5.0L

Vehicle > Technical Service Bulletins

POWERTRAIN MANAGEMENT - HISTORICAL DTC'S

General Service Bulletin (GSB):

Historical Powertrain Diagnostic Trouble Codes

General Service Bulletin (GSB):	Historical Powertrain Diagnostic Trouble Codes
GSB Overview:	This bulletin explains historical DTCs.
NOTE: This information is not intended to replace or supersede any warranty, parts and service policy, Work Shop Manual (WSM) procedures or technical training or wiring diagram information.	

Historical Powertrain Diagnostic Trouble Codes (DTC)

Overview and Summary



Historical Powertrain DTCs

- What is a historical DTC?
- How should historical DTCs be used?
- Which vehicles are involved?

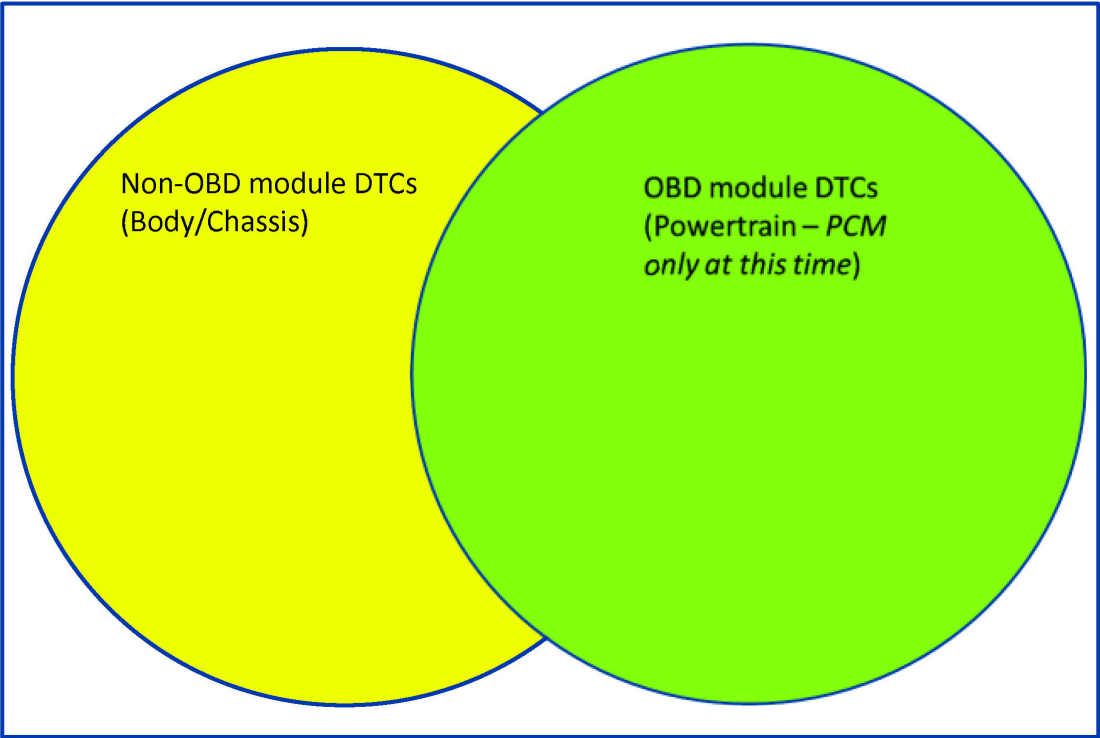
Historical Powertrain DTCs

What is a historical DTC and how does it compare to other DTCs?

- The following slides will construct a diagram which answers this question.
- Imagine every different type of diagnostic trouble code and an empty box where they could be organized.

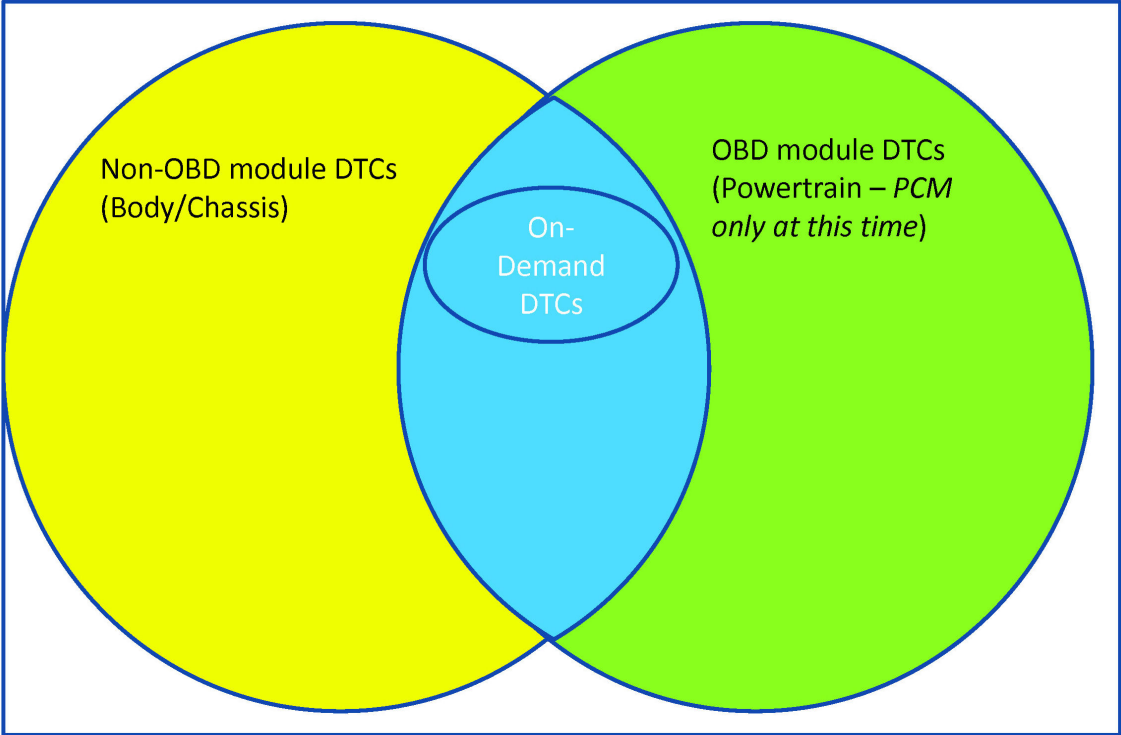
Historical Powertrain DTCs

All Diagnostic Trouble Codes



Historical Powertrain DTCs

All Diagnostic Trouble Codes



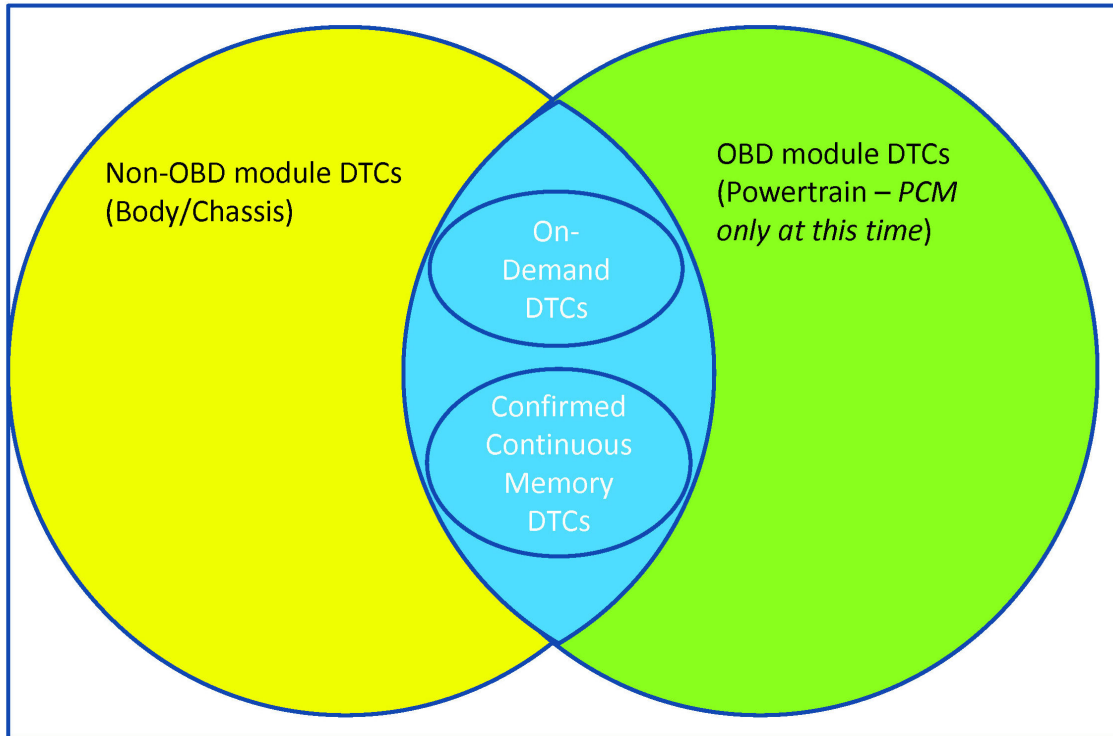
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All Diagnostic Trouble Codes



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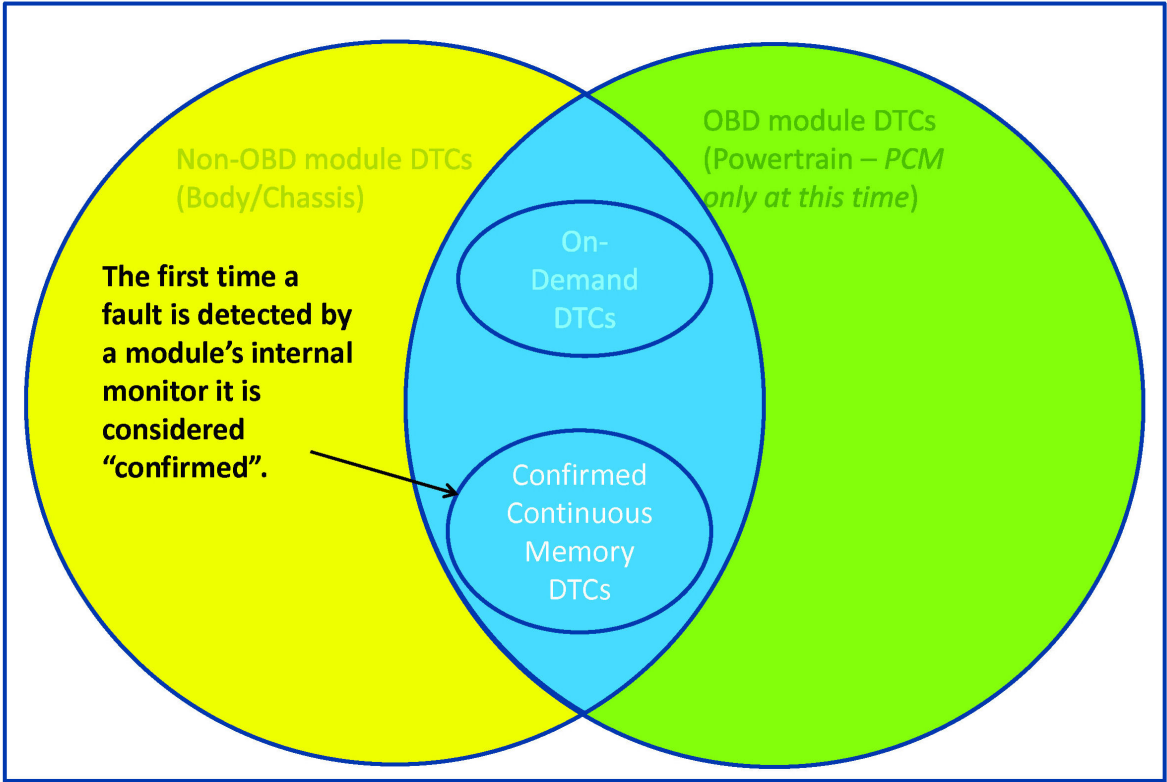
What exactly is a confirmed continuous memory DTC?

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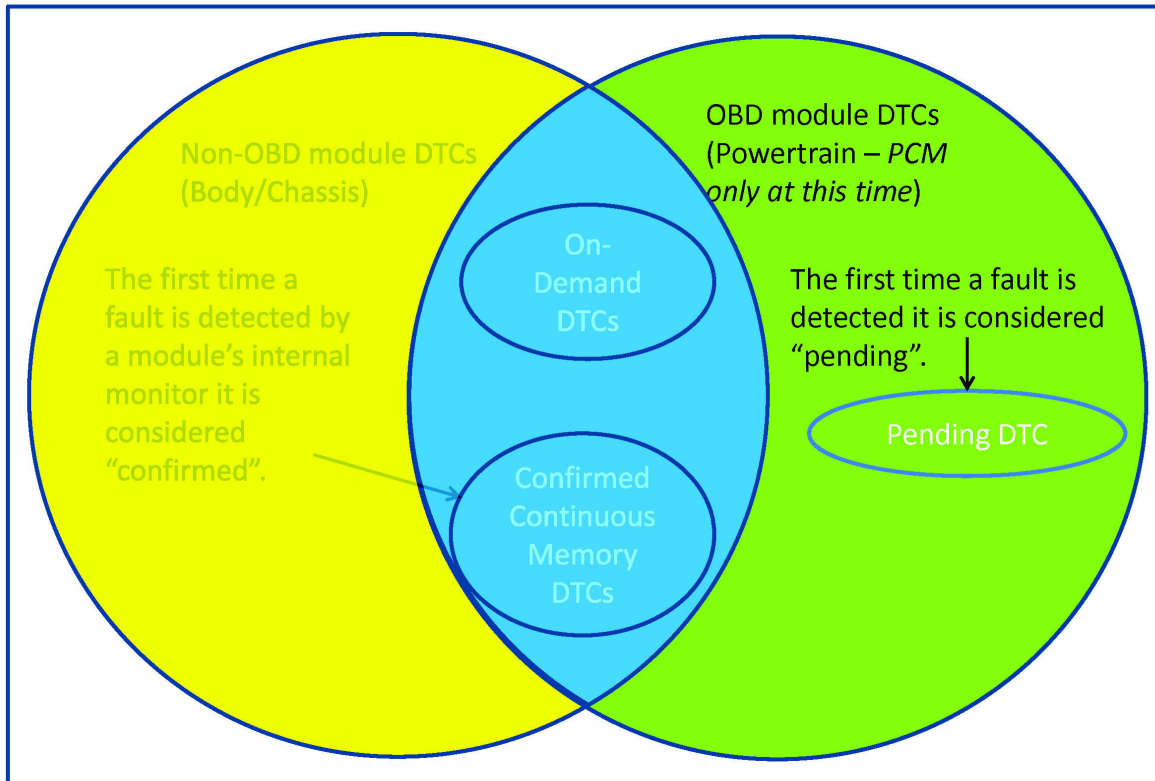
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Historical Powertrain DTCs



Historical Powertrain DTCs

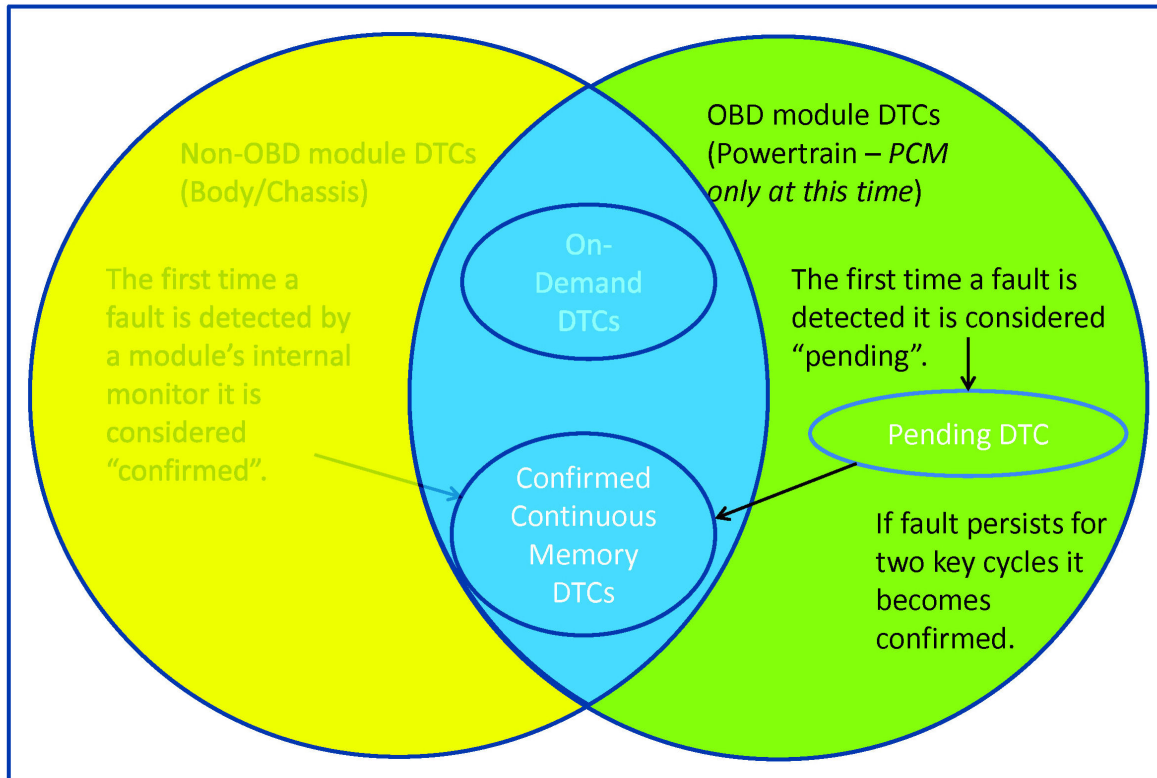


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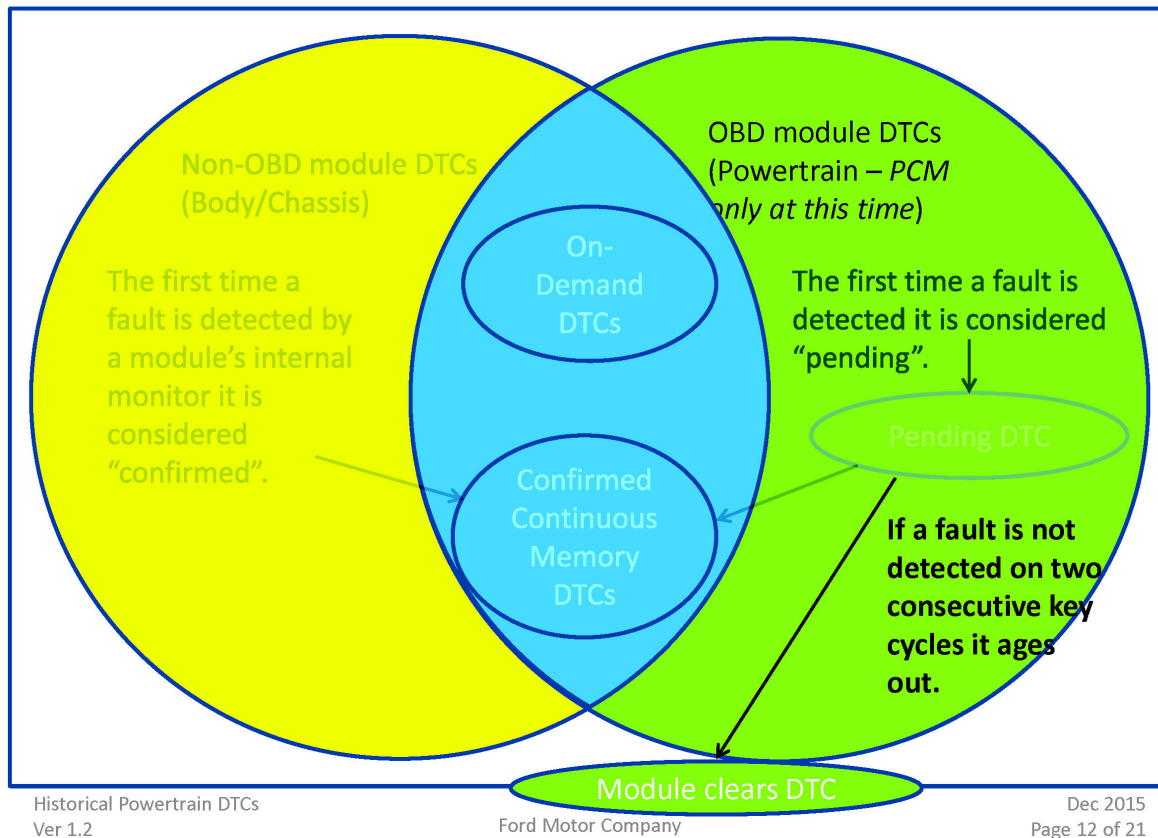
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What if the fault doesn't persist for two key cycles?

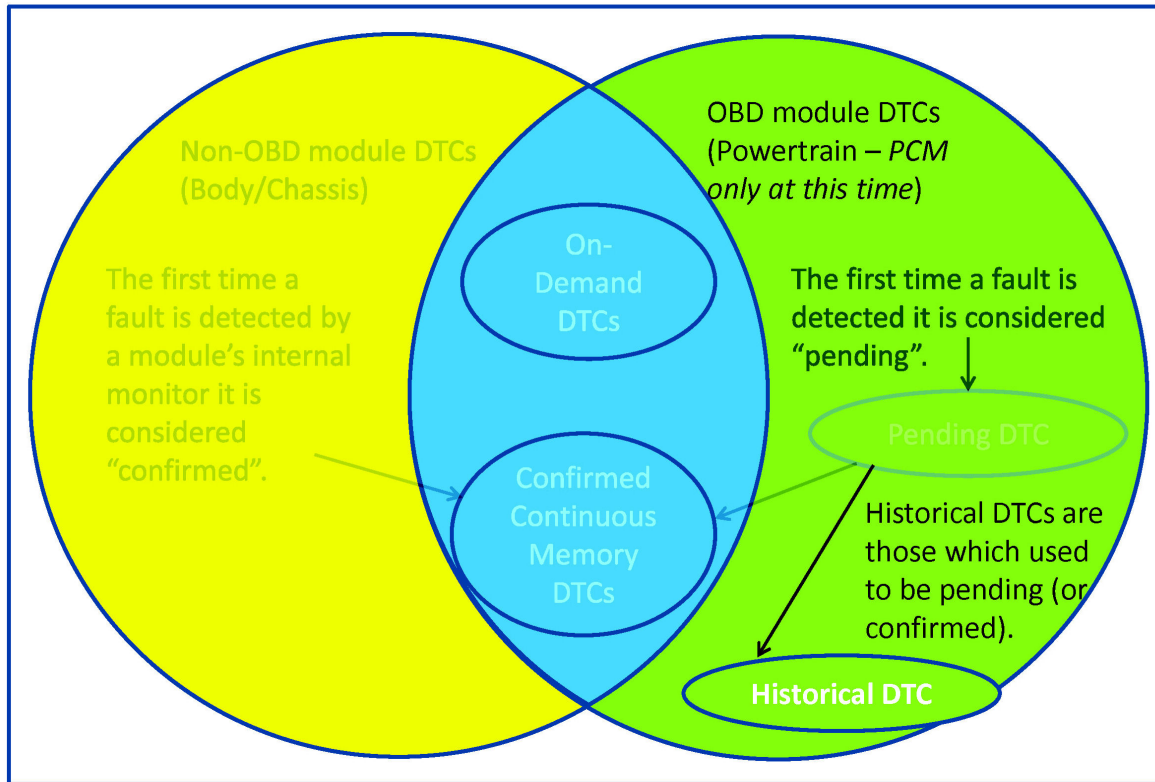
Historical Powertrain DTCs



Historical Powertrain DTCs

**Historical DTCs:
Temporarily retain aged out DTCs for
diagnostics**

Historical Powertrain DTCs

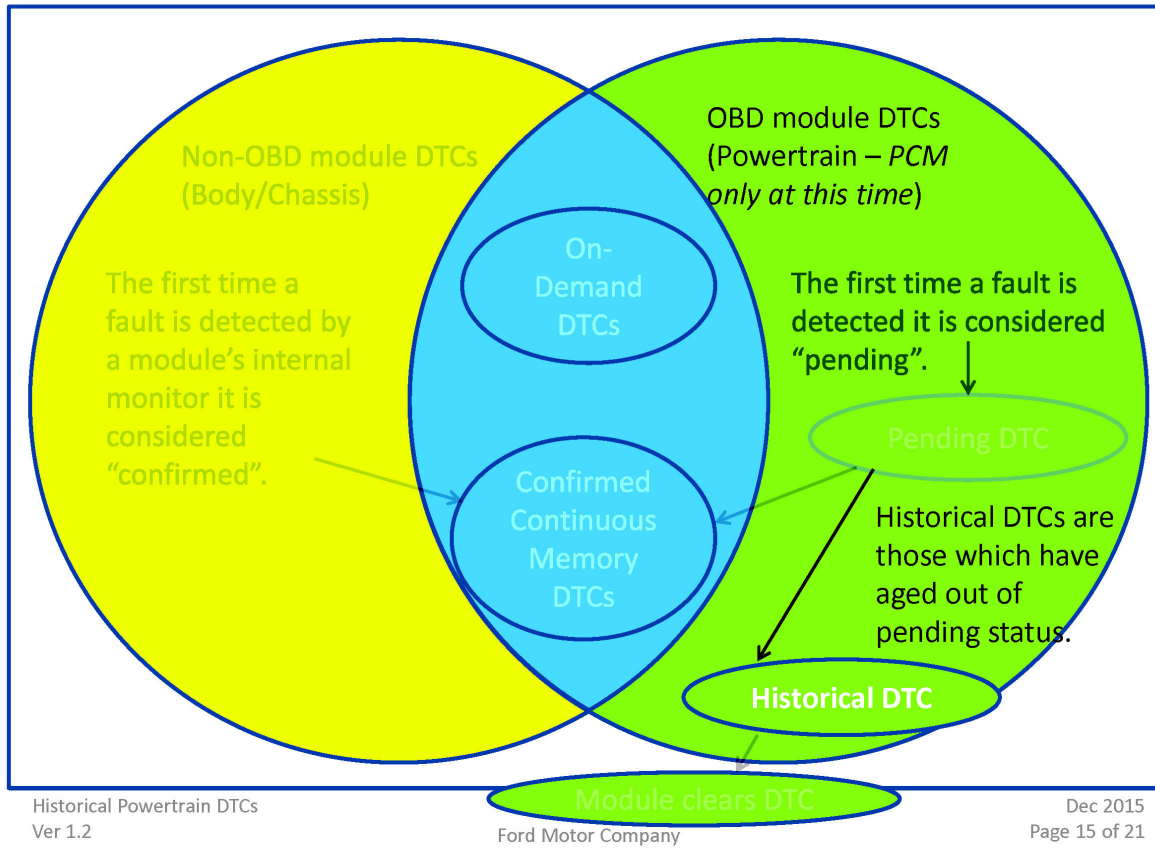


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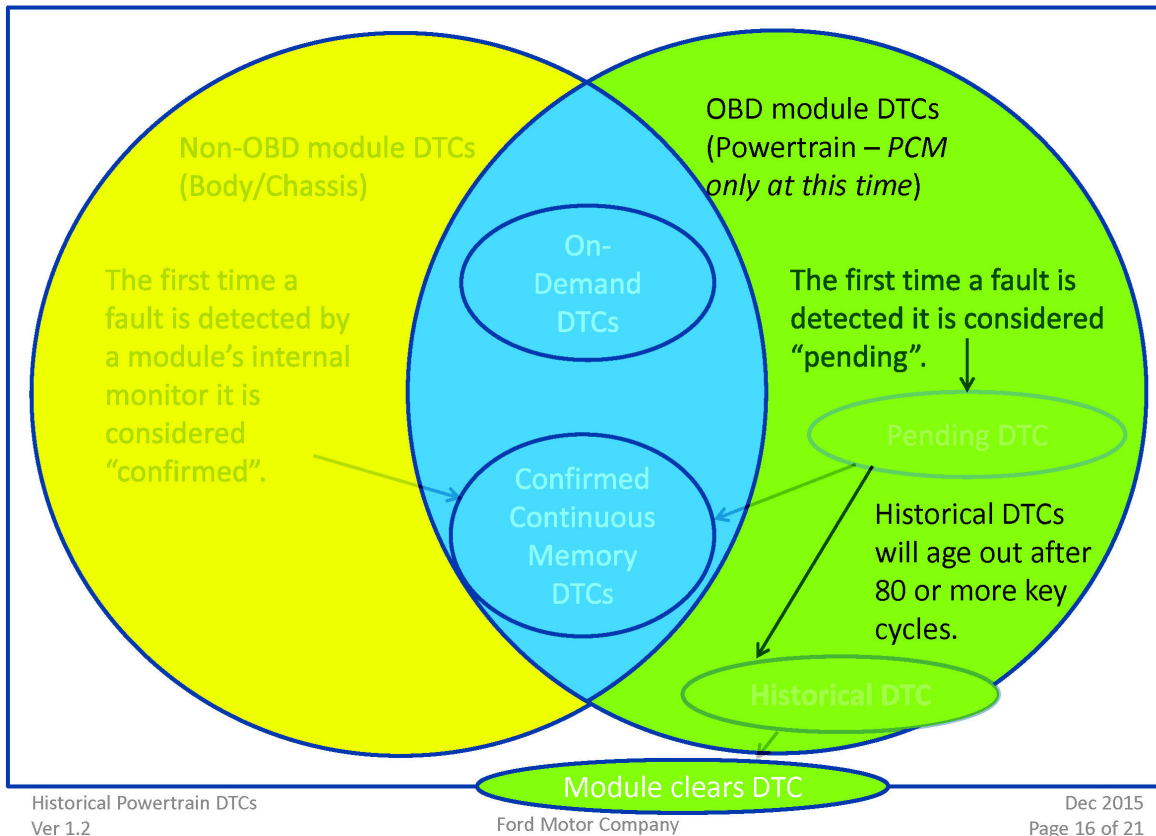
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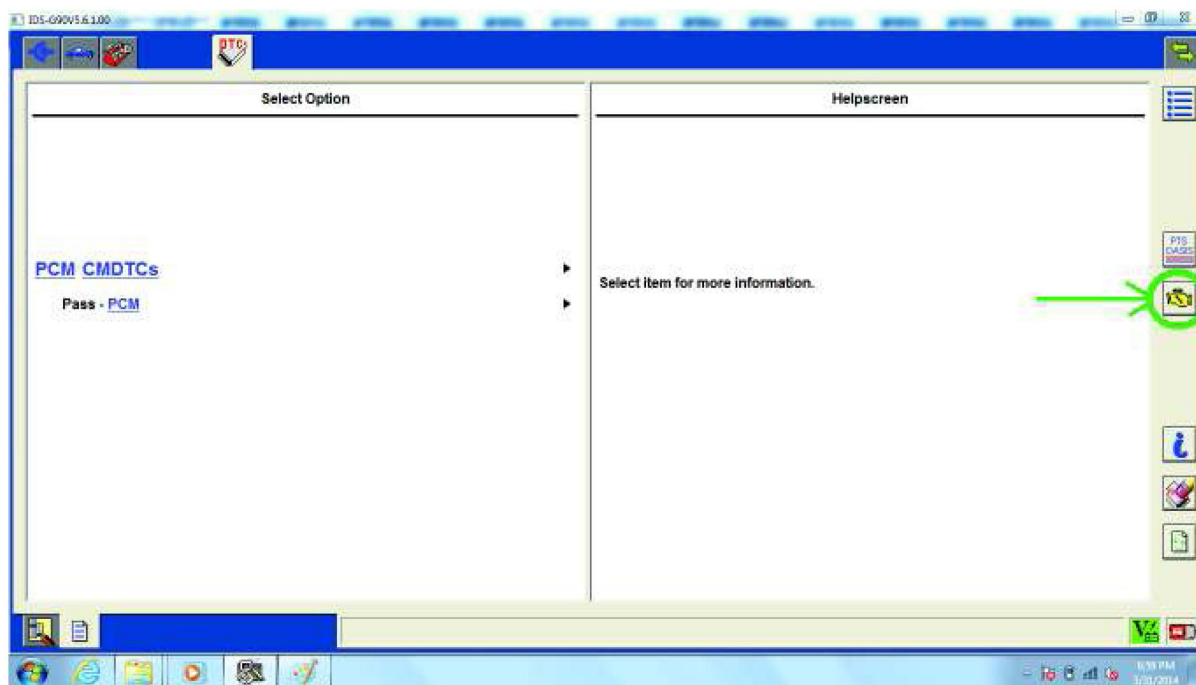


Historical Powertrain DTCs



Historical Powertrain DTCs

How can historical DTCs be retrieved?



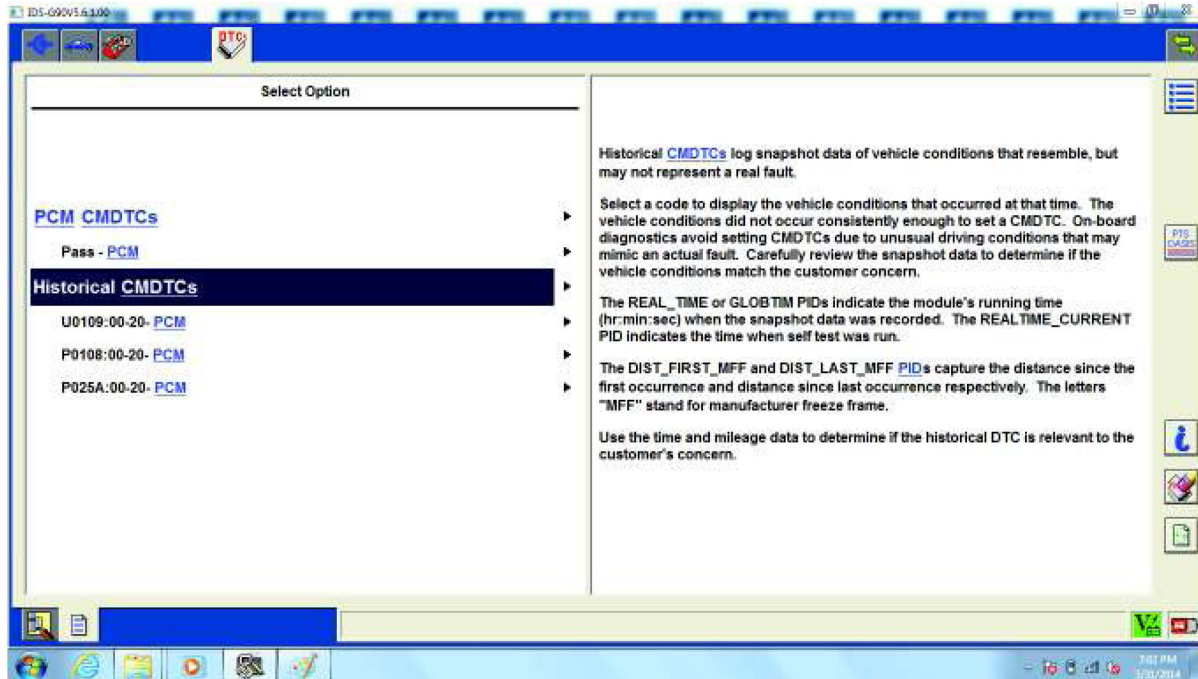
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Description of historical DTCs



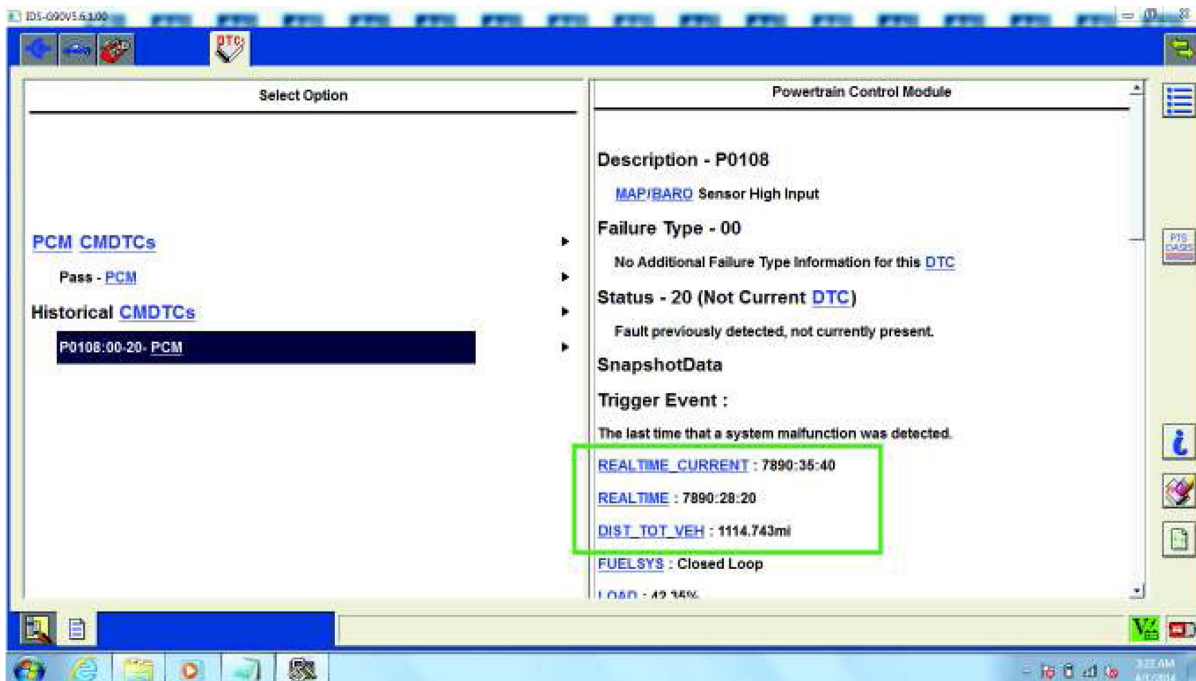
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Historical Powertrain DTCs

Time and Mileage PIDs



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Historical Powertrain DTCs

Distance since _____ PIDS



Historical Powertrain DTCs

Vehicles which
Report Historical
DTCs

Vehicle	Engine	Model Year			
		2013	2014	2015	2016
Fiesta	all	N	Y	Y	Y
C-Max	all	Y	Y	Y	Y
Focus	all except BEV	Y	Y	Y	Y
MKC	all			Y	Y
Escape	1.6L	Y	Y	Y	Y
Escape	2.0L	Y	Y	Y	Y
Escape	2.5L	N	N	N	N
Fusion/MKZ	all	Y	Y	Y	Y
Taurus/MKS	all	Y	Y	Y	Y
Flex/MKT	all	Y	Y	Y	Y
Econoline	6.8L only	Y	Y	Y	Y
F150	all	N	N	Y	Y
F250-550	6.2L	N	N	N	N
F250-550	6.7L	N	N	N	N
F250-550	6.8L	Y	Y	Y	Y
F53	6.8L	Y	Y	Y	Y
F650-750	6.8L only	Y	Y	Y	Y
Expedition/Navigator	all	N	N	Y	Y
Edge	all	N	N	Y	Y
MKX	all	N	N	N	Y
Explorer	2.0L	N	N	N	N
Explorer	2.3L				Y
Explorer	3.5L PFI	Y	Y	Y	Y
Explorer	3.5L GTDI	Y	Y	Y	Y
Explorer	3.7L	Y	Y	Y	Y
Transit Connect	all	N	Y	Y	Y
Transit	3.5L GTDI			Y	Y
Transit	3.7L			Y	Y
Transit	3.2L			N	N
Mustang	all	N	N	Y	Y

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NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford, Lincoln, or Mercury dealership to determine whether the Bulletin applies to your vehicle.

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