

From: Corbett, Sandra (S.M.)
Sent: Wednesday, April 24, 2002 11:02 AM
To: Hinds, Brett (B.S.); Fascetti, Bob (R.J.); Dalbo, Bob (R.J.); Grimes, Jeff (J.R.)
Cc: Hofman, Michael (M.V.); Brennan, Patrick (P.M.)
Subject: FW: May 1, 2002 PDQOS Meeting Agenda.

Attached is the full agenda for the PDQOS review next Wednesday. Below I have included the three items that will be reviewed in the Powertrain functional block of time. We are scheduled to pre-review information w/ Jerry on Monday at 7:30am (1/2 hour only).

1. Review updates to each vehicle line Single Agenda (SAQ's, QSF's, etc)
2. Focus review on Escape Stalls. Will include Outfitters Stalls task force status including Explorer
3. Stationary Components Warranty Deep Dive

Bill,

I have forwarded this to Jeff Grimes since he is responsible for the throttle body QSF. Depending on detail required on other Outfitters QSF's, others need to be invited.

Sandy Corbett
Escape Powertrain QRT
Phone/Fax: (313)59-44351
Product Development Center 2H-E66

---Original Message---

From: Grewal, Bill (B.S.)
Sent: Wednesday, April 24, 2002 10:03 AM
To: Corbett, Sandra (S.M.); Brennan, Patrick (P.M.)
Subject: FW: May 1, 2002 PDQOS Meeting Agenda.

Pat/Sandra,

Please forward the attached agenda to appropriate people in your areas.

Bill Grewal, CRE

Supervisor - Engineering Reliability-Ford Outfitters - PTSE

PDC 2GD41: e-mail : BGREWAL1@Ford.com

Tel. (313) 24-85510 Fax (313) 317-7290

Success is Never FinalFailure is Never Fatal.....

---Original Message---

From: Khan, Asad (A.)
Sent: Wednesday, April 24, 2002 9:32 AM
To: Boerger, Ilna (I.G.); Chadwick, Cheryl (C.L.); Claudepiers, Dale (D.E.); Cola, Joanne (J.); Cosby, Jacqueline (J.M.); Cosenza, Pat (P.D.); Cuper, Dennis (D.P.); Curran, Judith (J.M.); DaDeppo, Lynn (L.D.); Davis, Tim (T.P.); Dahna, Susan (S.M.); Dahna, Troy (T.L.); Desmet, Susan (S.M.); Drazek, Usa (M.); Edmondson, Tammy (T.L.); Fouell, Christine (C.M.); Faherty, Pat (P.T.); Ford, Jeri (J.A.); Fukuda, Neil (N.P.); Fusco, Frank (F.D.); Galhotra, Kumar (A.); Garrett, Bruce (B.); Grewal, Bill (B.S.); Hatten, Ophelia (O.); Hightower, Edward (E.T.); Hilborn, Theresa (T.O.); Himes, Bill (B.L.); Himes, Bob (B.S.); Jablonski, Gary (G.F.); Jammoul, Ali (A.); Jocz, Warren (W.S.); Judge, Surinder (S.S.); Kepur, Dee (D.T.); Khan, Asad (A.); Karr, Jerry (G.T.); Krafcik, John (J.F.); Kuhn, Gregory (G.F.); Le, Dzung (D.H.); Mallia, Larry (L.M.); McCarney, Mike (M.J.); McDaniel, Keith (K.K.); Means, Martha (M.N.); Mikolajewski, Lisa (L.A.); Noma, Fumie (F.); Oswalt, Greg (G.G.); Pependick, Shirley (S.A.); Petzl, Prabhakar (P.B.); Pennington, Brian (K.); Powers, Ken (K.W.); Preston, Carla Traci (C.T.); Seneski, Michael (M.L.); Shanley, Patricia (P.); Shevchik, Charlotte (C.); Shocking, Pat (P.E.); Smith, Alan (A.R.); Sovitch, Greg (G.T.); Stevenson II, Robb (A.R.); Stork, Gary (G.A.); Takasawa, Keith (K.D.); Terzes, Laura (L.D.); Tetresuk, James (J.P.); Tokarski, Michael (M.J.); Turner, Donald (D.A.); Turner, Steve (S.F.); von Foerster, Steve (S.); Ward, Marie (M.R.); Webb, Chris (C.H.); Winter, Ben

Subject: (B.P.); Wood, Jeffrey (J.C.); Yount, Sharon (S.L.); Doman, Brad (B.N.)
May 1, 2002 PDQOS Meeting Agenda.

Attached is the agenda for May 1, 2002 PDQOS meeting. I will be following up in a separate note to the presenters of this meeting. Thanks.

1. Review updates to each vehicle line Single Agenda (SAQ's, QSF's, etc)
2. Focus review on Escape Stalls. Will include Outfitters Stalls task force status including Explorer
3. Stationary Components Warranty Deep Dive

Asad Khan

4-Door Explorer Quality

☎ Phone: (313) 248-1016

☎ Fax: (313) 248-6160

✉ E-mail: AKhan20@ford.com

From: Noteboom, Jim (J.E.)
Sent: Wednesday, April 24, 2002 12:25 PM
To: Sanders, Muriel (M.S.); Dalbo, Bob (R.J.)
Cc: DiAngelo, Fernando (R.)
Subject: RE: U204 Stall Meeting Minutes - 4/11/02

Inspected the Sigety Escape yesterday, 4-23. This is the one that quits (40-50mph) like the key was shut off and also the headlights go off. Occurs every 2-4 months.

No root cause could be identified for the symptom; following are the checks made:

- Calibration is correct.
- IAC is operating within specs.
- EVAP system is operating properly.
- PFE sensor had a build date of 1-19-2001 so the latest level was installed. I have the original in my possession if you want it.
- Both the Batt Junction Box and Central Fuse Panel were inspected for moisture & poor pin/connector contact. Connections for power were verified from the Batt. to the outputs from the Central Fuse Panel.
- With the engine running and maximum electrical load, the harness was pulled, pounded and jiggled from the Batt. to the Central fuse panel.
- Grounds G100, 101, 104, 108, 300 and 301 were verified.

We may have unknowing corrected the concern?? with all that we touched. However, the customer is still planning to trade out of this vehicle. Consequently, it will be available for purchase in the near future.

I will be on vacation the rest of the week so will not be calling in on tomorrow's stall meeting.

-----Original Message-----

From: Sanders, Muriel (M.S.)
Sent: Wednesday, April 17, 2002 11:59 AM
To: Noteboom, Jim (J.E.)
Subject: RE: U204 Stall Meeting Minutes - 4/11/02

Jim,

Here is the latest TSB draft with the ISM items added at the end. Parts included are the IAC, throttle body, calibration, VMV, check valve & vent hose, MAF, grounds, DPPE (note new part #), and the key chain weight warning. I'm sure you are already aware of some if not all of this stuff, but this is the easiest way to send all the information. Let me know if you have any questions/problems.

These are the fixes that engineering has suggested to date. This is to be used only as a reference for field service engineers to effectively fix customer's cars until a formal TSB is released. Please do not distribute.

1. With the transmission in Park, the engine should be at idle at approximately 750 RPM, and the engine temperature should be at least 88C (190F). All accessories and the engine cooling fan should be off. Using only WDS version B17.1 or later, verify that Idle Air Control (IAC) duty cycle is between 32%-40% with no purge flow. If IAC duty cycle is within specification, then go to Step 2 now. If IAC duty cycle is out of specification, replace IAC with part YF1Z-9F715-AB. Verify that IAC duty cycle is between 32-40% with no purge flow. If IAC duty cycle is within specification after replacing with a new IAC, then go to Step 2 now. If IAC duty cycle is still out of specification, replace throttle body with part YL8Z-9B926-DA. Verify corrective action, then proceed to Step 2.

Note: Engine RPM will slowly ramp up, it is extremely important to check the IAC duty cycle when the RPM is at 750 RPM. Even 800 RPM is too high for checking IAC duty cycle under these conditions.

2. For vehicles sold in the US and Canada perform the following: If the vehicle was built after 1/16/2002, then proceed to Step 4 now. If not, reprogram PCM with WDS version B17.1 or later. Only use WDS version B17.1 or later during this reprogramming. Some 2001MY PCMs cannot be reprogrammed and must be replaced. This is determined by the MPC # located in upper left

corner of the barcode on the PCM. If the PCM is an MPC 160, then replace with part 1U7Z-12A650-AXA and reprogram with WDS version B17.1 or later. If the PCM is MPC 161, then just reprogram with WDS version B17.1 or later. Verify latest calibration was successfully reprogrammed. WDS should show latest calibration level as 1U7A-12A650-AXB for 2001MY and 2L8A-12A650-AD for 2002MY. Proceed to Step 4.

3. For vehicles sold in Mexico perform the following: If vehicle was built after 1/16/2002 then proceed to Step 4 now. If not, reprogram the PCM with WDS version B17.15 or later. Only use WDS version B17.15 or later during this reprogramming. Some 2001 MY PCMs cannot be reprogrammed and must be replaced. This is determined by the MPC # located in upper left corner of the barcode on the PCM. If the PCM is an MPC 160, then replace with part 1U7Z-12A650-AZA and reprogram with WDS version B17.15 or later. If the PCM is MPC 161, then just reprogram with WDS version B17.15 or later. Verify latest calibration was successfully reprogrammed. WDS should show latest calibration level as 1U7A-12A650-AZB for 2001MY and 2L8A-12A650-BD for 2002MY. Proceed to Step 4.

4. With the transmission in Park, the engine should be at idle at approximately 750 RPM, and the engine temperature should be at least 88C (190F). All accessories and the engine cooling fan should be off. With WDS version B17.1 (U.S.) or B17.15 (Mexico) or later, determine if the Evaporative Vapor Management (EVAPVM) duty cycle stops increasing and stays at 95-100% for while FTP stays at approximately 2.6 volts. If this occurs, replace the EVAPVM valve with part number YL8Z-9C915-AA. If EVAPVM is functioning correctly, the duty cycle should increase to 84-100% with the FTP decreasing to approximately 2.2 volts and then recycle back to 0% duty cycle while FTP holds at approximately 2.6 volts. Verify corrective action, then Proceed to Step 5.

5. With the transmission in Park, the engine should be at idle at approximately 750 RPM, and the engine temperature should be at least 88C (190F). All accessories and the engine cooling fan should be off. With WDS version B17.1 (U.S.) or B17.15 (Mexico) or later, if EVAPVM drops to 0% from 60 - 80% (premature purge shutoff), check for an obstructed vent line. This condition may be accompanied by a sudden RPM drop while idling. The premature purge shutoff is caused by the tank not reaching a pre-specified vacuum state. To clear the possible obstructed vent line, disconnect the vent line in the evaporative emissions system from the check valve side (check valve part # is YL8U-9C915-AB). This connection is located just forward of the evaporative emissions canister assembly, underneath the vehicle in the area of the driver side rear seat. Using shop air, blow the vent line from the check valve side forward (towards the brake booster). In the past, spiders have been known to construct webs in vent lines so handle with caution. Possible obstructions in the vent line can prevent the evaporative emissions system from purging properly, and in some cases stalling occurs. Verify corrective action, then proceed to Step 6.

6. If the Electronic Engine Control (EEC) relay has stamped lettering, proceed to Step 7 now. If the EEC relay has white lettering printed on the top surface, replace with a new Hella service relay that is all black and has stamped lettering on the top surface. Both the new Hella service relay and the old relay have the same part number (FOAZ-14N089-A). Make sure the relay you are installing has stamped lettering. For location use 2001 Wiring Diagram sections 303-07B-00-1 Connector C1016, 700-06-00-37 Battery Junction Box. Proceed to Step 7.

7. Ask the customer if they have significant weight (approximately 9 oz or more) hanging from the key ring while the keys are in the ignition. If they do, and stalls are occurring while traveling over bumps, the key ring may move the ignition cylinder out of the Run position and stop the engine. When this occurs, all gauges immediately shut off (fuel reads 'E', tachometer goes to zero, speedometer goes to zero immediately). Recommend that the customer attach fewer keys to the key ring that retains the vehicle ignition key. Proceed to Step 8.

8. Road the test vehicle long enough to experience 3 closed throttle decelerations from approximately 40 mph down to 10 mph. Use scan tool to examine engine RPM during test. Ensure there are no engine RPM dips, below

9. DISCONNECT AND INSPECT PCM HARNESS FOR BURNED OR BENT PINS.

10. IF STALL IS RELATED TO RFI(IE: RADIO TOWER/2-WAY RADIO) REPLACE MAF W/1L2Z-12B579-BA.

11. INSPECT C270B,C,D, C110, C133 FOR WATER INTRUSION/PIN PROBLEMS. INSPECT G300, G100, REMOVE BATTERY TRAY AND INSPECT G104/105, G101.

12. FYI the DPFE part number has changed to 2F1E-9J460-AA. These are the same as the "white dot" sensor.

Muriel Sanders
U204 3.0L Calibration
Ford Motor Company
Phone: 313-32-27307
Fax: 313-32-31786

E-mail: msander6@ford.com

—Original Message—

From: Noteboom, Jim (J.E.)
Sent: Wednesday, April 17, 2002 11:22 AM
To: Sanders, Muriel (M.S.); Dalbo, Bob (R.J.); Alcornian, Don (D.J.)
Subject: RE: U204 Stall Meeting Minutes - 4/11/02

The Sigety Escape stalled again Mon. AM (4-15). This stall occurred approx. 3 months after the SSM was performed (new calibration, etc.). My plan is to get it back into a dealer, verify the calibration, recheck all grounds, r&r the DPFE if it is the old style;—anything else I should look for?

From: Sloan, Burt (B.E.)
Sent: Wednesday, April 24, 2002 3:38 PM
To: Klarr, Jerry (G.T.); Fascetti, Bob (R.J.); Dakhlallah, Hassan (H.A.); Dennis, Matt (M.A.); Ward, Sheila (S.A.); Whitehead, Joe (J.P.); Fournelle, Gilbert (G.); Boyk, Greg (G.J.); Adams, Kerry (K.N.); Matkovich, Dale (D.M.); Sabin, Scott (S.M.); Hansen, George (G.C.); Young, Dan (D.G.); Coffey, Dan (D.C.); Putney, Bill (W.); Kellazewski, Mark (M.D.); King, Brian (B.M.); Mazzella, Gary (G.R.); Lillor, David (D.J.); McIntee, Brian (B.E.); Gaymer, Larry (L.J.); Hille, Kevin (K.T.); Lewis, Marvin (M.A.); Turner, Donald (D.A.); Parlick, Don (D.A.); Glbeon, Patrick (P.W.); Crowley, Pat (P.J.); Kosko, Jeff (J.R.); Newman, Chris (C.W.); Delaroderie, Jim (J.A.); Dalbo, Bob (R.J.)
Cc: Hofman, Michael (M.V.); Corbett, Sandra (S.M.); Schmidt, Gregory (G.A.); Van Wiemeersch, John (J.R.)
Subject: Outfitters & Ranger Engine Hesitation/Surge, Stall, and No Start Affinity Team Meetings

**Outfitters & Ranger Affinity Team
 Drivability
 May 1, 2002
 8:00 am to 9:30 am
 TEE - Conference Rm 1**

Call In Phone Number: 9-1-877-877-7126
Participant Code: 6341969 #

April 24th Agreements & Assignments:

<p>Affinity Team Interactions</p> <p>U152 D21 No Stalls completed 4/25/02.</p> <p>PDQOS Presentation 5/1/02</p> <p>Hassan Dakhlallah</p> <p>Scott Sabin</p> <p>Sheila Ward</p> <p>Bob Dalbo</p> <p>Crowley</p> <p>Delaroderie</p>	<p>Agreed to interact with Robin Wright's new Stalls Affinity Team</p> <p>DOE testing status was reviewed. Testing should be</p> <p>Agreed on presentation agenda and presenters</p> <p>Review Outfitters Stalls warranty trends and Pareto's</p> <p>Review U152 Stalls</p> <p>Review UP207 Stalls</p> <p>Review U204 Stalls</p> <p>Review Throttle Body Issue</p> <p>Review IAC Issue</p>	<p>Pat</p> <p>Jim</p>
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All presentation materials are due to Hassan by close of business 4/29/02

May 1, 2002 Meeting Agenda:

- 1) No Start PCM 6 Sigma Project status

Gibson, Kevin Hille

2) U152 Stalls DOE preliminary conclusions
Scott Sabin

3) Throttle Body Break Off Screw discussion status and next steps
Crowley

Pat

4) 30 piece Throttle Body LAP Study status
Pat, Kerry, Greg

From: Dalbo, Bob (R.J.)
Sent: Thursday, April 25, 2002 5:29 PM
To: Ortman, James (J.W.); Grimes, Jeff (J.R.); Sanders, Muriel (M.S.)
Subject: Test Plan for Mazda Buyback Vehicle

Jeff/Jim,

The Mazda buyback vehicle we loaned you was previously used for some NVH evaluations. When analyzing the data, an RPM control issue was identified. We have been tasked with analyzing and resolving that issue.

We do not want to interrupt the PCV testing that vehicle is undergoing. We would like a timing plan for that testing so we can in turn develop issue resolution timing. Please provide an estimate of when your testing on that vehicle will be completed.

Muriel,

Please provide the vehicle number to clarify which truck we are concerned with.

Bob Dalbo

3.0L Calibration Supervisor
Outfitters Calibration, NAT
Phone: (313) 24-84947 Fax: (313) 32-31788
Pager: (313) 795-2859 Email: rdalbo@ford.com

From: Dalbo, Bob (R.J.)
Sent: Thursday, April 25, 2002 5:32 PM
To: Kwon, Soon (S.K.)
Cc: Gilbert Fournelle
Subject: RE: 2003MY U204 MAF concern

I bow to Mr. Diaz's EMC experience. Is this the truck that had the old-design MAFS? We (Gilbert) provided a new one and haven't heard anything more. I don't know if the repeat testing was OK or not.

Bob Dalbo

3.0L Calibration Supervisor
Outfitters Calibration, NAT
Phone: (313) 24-84947 Fax: (313) 32-31788
Pager: (313) 795-2859 Email: rdalbo@ford.com

-----Original Message-----

From: Kwon, Soon (S.K.)
Sent: Thursday, April 25, 2002 5:25 PM
To: Dalbo, Bob (R.J.)
Subject: RE: 2003MY U204 MAF concern

Bob, a simple mistake by a technician created a lot of confusion and commotion in engineering community. I heard that MPG tested a Duratec vehicle and engine stalled due to their 2 way radio was operating at 23 MHz. Tim Diaz went ahead and raised a concern in a panic (I guess). They are retesting at MPG. What do you think?

Regards,
Soon Kwon
Escape/Tribute P/T OPD Supervisor
Compact Utility PT9E, TVC
2FB39, MD 406, PDC Dearborn 48126
Phone (313) 322-6844, Fax
Pager (313) 795-1535, email: skwon@ford.com

-----Original Message-----

From: Dalbo, Bob (R.J.)
Sent: Thursday, April 25, 2002 11:35 AM
To: Kwon, Soon (S.K.)
Subject: RE: 2003MY U204 MAF concern

Soon,
What is this about?

Bob Dalbo

3.0L Calibration Supervisor
Outfitters Calibration, NAT
Phone: (313) 24-84947 Fax: (313) 32-31788
Pager: (313) 795-2859 Email: rdalbo@ford.com

-----Original Message-----

From: Kwon, Soon (S.K.)
Sent: Thursday, April 25, 2002 9:24 AM
To: Dalbo, Bob (R.J.); Boels, Sandra (S.L.)
Cc: Nemakollah, Sonya (S.); Diaz, Timothy (T.P.)
Subject: RE: 2003MY U204 MAF concern

Bob, any ideas why it failed EMC ?
Sandra, when was the new MAFS implemented ?

Thanks.

Regards,
Soon Kwon
Escape/Tribute P/T OPD Supervisor
Compact Utility PTSE, TVC
2FB39, MD 406, PDC Dearborn 48126
Phone (313) 322-6844, Fax
Pager (313) 795-1638, email: skwon@ford.com

-----Original Message-----

From: Diaz, Timothy (T.P.)
Sent: Thursday, April 25, 2002 9:10 AM
To: Kwon, Soon (S.K.)
Cc: Namatollahi, Sonya (S.); Gokhale, Renuka (R.V.)
Subject: 2003MY UZ04 MAF concern

Soon,

Please review C11359467. Please forward to appropriate people.

Sincerely,
Timothy Diaz
Cross Vehicle EMC Technology Applications
313-32-39927, Fax: 313-322-1892
e-mail: tdiaz@ford.com

From: Sanders, Muriel (M.S.)
Sent: Friday, April 26, 2002 9:13 AM
To: Price, Martin (M.)
Cc: Dalbo, Bob (R.J.)
Subject: RE: SSM 15589

Sorry it took so long to get this answer. The PCM will set a code for the KAM so we don't need to include that in the ISM. Thanks for catching that. Is that all you need for the ISM? Can you give me a time estimate for when the ISM will be out?

Muriel Sanders

U204 3.0L Calibration
Ford Motor Company
Phone: 313-32-27307
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-----Original Message-----

From: Price, Martin (M.)
Sent: Wednesday, April 24, 2002 10:47 AM
To: Sanders, Muriel (M.S.)
Cc: Altonian, Don (D.J.); Dalbo, Bob (R.J.); Rothweiler, Daniel (D.); Suarez, Rhae (R.)
Subject: RE: SSM 15589

I don't believe we need to check KAM voltage, the PCM should set a DTC for it. If they have an old dpfe sensor can they just order the new part#? Why would we keep the old part# or is it just a stocking issue?

Matt Price

Cleveland Engine Specialist, DSC I #353
1700 Fairlane Dr, Allen Park, MI 48101
mprice28@ford.com ph. (313)317-9133

-----Original Message-----

From: Sanders, Muriel (M.S.)
Sent: Wednesday, April 24, 2002 10:09 AM
To: Price, Martin (M.)
Cc: Suarez, Rhae (R.); Rothweiler, Daniel (D.); Altonian, Don (D.J.); Dalbo, Bob (R.J.)
Subject: RE: SSM 15589

The table in the attachment lists what I think should be kept, added, or removed from the current ISM. Let me know if you have any questions or disagree with what I list.

<< File: Info for Revised ISM.xls >>

Thanks.

Muriel Sanders

U204 3.0L Calibration
Ford Motor Company
Phone: 313-32-27307
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-----Original Message-----

From: Price, Martin (M.)
Sent: Wednesday, April 24, 2002 9:17 AM
To: Sanders, Muriel (M.S.)
Cc: Suarez, Rhee (R.); Rothweiler, Daniel (D.); Altonian, Don (D.J.); Dalbo, Bob (R.J.)
Subject: RE: SSM 15589

let me know what all you want to add and I will write a draft.

Marti Price

Cleveland Engine Specialist, DSC I #353
1700 Fairlane Dr, Allen Park, MI 48101
mprice28@ford.com ph. (313)317-9133

-----Original Message-----

From: Sanders, Muriel (M.S.)
Sent: Wednesday, April 24, 2002 9:03 AM
To: Suarez, Rhee (R.); Price, Martin (M.)
Cc: Dalbo, Bob (R.J.); Altonian, Don (D.J.); Rothweiler, Daniel (D.)
Subject: RE: SSM 15589

The long-term plan is to have an ISM & TSB (the TSB for major causes, the ISM for less frequent causes). The ISM will need to be changed to remove items already in the TSB and add any potential causes of stalls not in the TSB. What needs to be done to revise the ISM?

Muriel Sanders

U204 3.0L Calibration
Ford Motor Company
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Fax: 313-32-31786
E-mail: msander6@ford.com

-----Original Message-----

From: Suarez, Rhee (R.)
Sent: Wednesday, April 24, 2002 8:56 AM
To: Price, Martin (M.)
Cc: Sanders, Muriel (M.S.); Dalbo, Bob (R.J.); Altonian, Don (D.J.); Rothweiler, Daniel (D.)
Subject: RE: SSM 15589

The SSM should have been turned off. I'll look into it.

As for the ISM - that's the team's call. I know we can take out some of the stuff that is in the TSB but as for adding anything ???

-----Original Message-----

From: Price, Martin (M.)
Sent: Wednesday, April 24, 2002 8:53 AM
To: Suarez, Rhee (R.)
Cc: Sanders, Muriel (M.S.); Dalbo, Bob (R.J.); Altonian, Don (D.J.); Rothweiler, Daniel (D.)
Subject: SSM 15589

Now that the TSB is out we can turn off the SSM right? Do you want the ISM revised?

Marti Price

Cleveland Engine Specialist, DSC I #353
1700 Fairlane Dr, Allen Park, MI 48101
mprice28@ford.com ph. (313)317-9133

From: Price, Martin (M.)
Sent: Friday, April 26, 2002 10:07 AM
To: Altkonian, Don (D.J.); Dalbo, Bob (R.J.); Rothweiler, Daniel (D.); Suarez, Finae (R.)
Co: Sanders, Muriel (M.S.)
Subject: stat/VMV

In regards to Dan's comment about testing the vmv, would it be possible to have techs roadtest vehicles and command the vmv on during a decel? I'm not sure if wds will let you do that or not, I believe it will.

Marti Price

Cleveland Engine Specialist, DSCI #353
1700 Fairlane Dr, Allen Park, MI 48101
mprice28@ford.com ph. (313)317-9133

From: Dan Rothweiler [DRothwel@mazdausa.com]
Sent: Friday, April 26, 2002 10:49 AM
To: 'Price, Martin (M.); Altoonian, Don (D.J.); Dalbo, Bob (R.J.); Dan Rothweiler; Suarez, Rhae (R.)
Cc: Sanders, Muriel (M.S.)
Subject: RE: stall/VMV

I believe the WDS will allow you to do that. If the VMV is commanded to a high duty sometimes the truck will stall. I have captured recordings of this. If the VMV is sticking closed during a command by the PCM to be open, the sudden opening of the valve to that high duty will stall the engine. This event can be triggered by a bump in the road or just the valve simply overcoming the sticking condition on its own.

Personally, I don't think we can isolate an intermittently sticking VMV unless it misbehaves during the monitoring of FIDS with the WDS.

Daniel H. Rothweiler
Mazda North American Operations
Fixed Operations Technical Specialist
Office: 732-868-2135
Fax: 214-442-5222
Cellular: 732-547-8578

-----Original Message-----

From: Price, Martin (M.) [mailto:mprice28@ford.com]
Sent: Friday, April 26, 2002 10:07 AM
To: Altoonian, Don (D.J.); Dalbo, Bob (R.J.); Rothweiler, Daniel (D.); Suarez, Rhae (R.)
Cc: Sanders, Muriel (M.S.)
Subject: stall/VMV

In regards to Dan's comment about testing the vmv, would it be possible to have techs roadtest vehicles and command the vmv on during a decel? I'm not sure if wds will let you do that or not, I believe it will.

Marti Price
Cleveland Engine Specialist, DSC I #353
1700 Fairlane Dr, Allen Park, MI 48101
mprice28@ford.com ph. (313)317-9133

From: Alkoonian, Don (D.J.)
Sent: Friday, April 26, 2002 12:09 PM
To: Dalbo, Bob (R.J.)
Cc: Sanders, Muriel (M.S.)
Subject: FW: CQIS reports for stall

Bob, here are the CQIS calls on stall vehicles built on and after 1-15-02

—Original Message—

From: Suarez, Rhoe (R.)
Sent: Friday, April 26, 2002 8:39 AM
To: Alkoonian, Don (D.J.)
Subject: CQIS reports for stall

These are the VINS of vehicles with CQIS reports after 1/15/02 build dates.

VINS	Engine	trans	miles	build dates
1FMCU03122KC15131	3.0L DUR	CD4E E	446	01/28/02
1FMCU03152KC17939	3.0L DUR	CD4E E	1168	01/28/02
1FMCU041X2KB97847	3.0L DUR	CD4E E	1243	01/17/02
1FMCU04132KB96202	3.0L DUR	CD4E E	2979	01/18/02
1FMCU04192KC39215	3.0L DUR	CD4E E	1424	02/27/02
1FMYU01132KC61785	3.0L DUR	CD4E E	8644	03/01/02
1FMYU031X2KC08014	3.0L DUR	CD4E E	2355	01/17/02
1FMYU031X2KC09132	3.0L DUR	CD4E E	836	01/25/02
1FMYU03112KC16261	3.0L DUR	CD4E E	963	01/28/02
1FMYU03112KC46554	3.0L DUR	CD4E E	1268	02/21/02
1FMYU03132KC84366	3.0L DUR	CD4E E	340	03/12/02
1FMYU03162KB85752	3.0L DUR	CD4E E	112	01/15/02
1FMYU03162KC48655	3.0L DUR	CD4E E	108	02/25/02
1FMYU03172KC15101	3.0L DUR	CD4E E	799	01/28/02
1FMYU03172KC29810	3.0L DUR	CD4E E	1462	02/18/02
1FMYU03182KC61424	3.0L DUR	CD4E E	418	03/05/02
1FMYU041X2KC60693	3.0L DUR	CD4E E	580	03/16/02
1FMYU04122KB98612	3.0L DUR	CD4E E	1100	01/18/02
1FMYU04122KC49249	3.0L DUR	CD4E E	1165	02/28/02
1FMYU04132KB76313	3.0L DUR	CD4E E	2715	01/15/02
1FMYU04142KC37880	3.0L DUR	CD4E E	1110	02/15/02
1FMYU04152KB99303	3.0L DUR	CD4E E	1464	01/24/02
1FMYU04162KB97480	3.0L DUR	CD4E E	6477	01/18/02
1FMYU04172KB74970	3.0L DUR	CD4E E	3338	01/22/02
1FMYU04172KB76914	3.0L DUR	CD4E E	379	01/18/02
1FMYU04172KC29997	3.0L DUR	CD4E E	140	02/18/02
1FMYU04182KC37543	3.0L DUR	CD4E E	911	02/14/02

This is as good as it gets for fast info. If you want the verbatim I have to either cut and paste the cqls reports or download it. I might be able to cut and paste it by today (but we have the FSE meetings today) or I can download it first thing Monday. Let me know.

From: Sanders, Muriel (M.S.)
Sent: Friday, April 26, 2002 12:47 PM
To: Altoonian, Don (D.J.); Dalbo, Bob (R.J.)
Subject: RE: CQIS reports for stall

For clarification, all vehicles built on 1/16/02 or after have the new calibration). Vehicles built on 1/15/02 or before would have the old calibration.

Muriel Sanders

U204 3.0L Calibration
Ford Motor Company
Phone: 313-32-27307
Fax: 313-32-31786
E-mail: msander6@ford.com

-----Original Message-----
From: Altoonian, Don (D.J.)
Sent: Friday, April 26, 2002 12:09 PM
To: Dalbo, Bob (R.J.)
Cc: Sanders, Muriel (M.S.)
Subject: FW: CQIS reports for stall

Bob, here are the CQIS calls on stall vehicles built on and after 1-15-02

-----Original Message-----
From: Suarez, Rhee (R.)
Sent: Friday, April 26, 2002 9:39 AM
To: Altoonian, Don (D.J.)
Subject: CQIS reports for stall

These are the VINS of vehicles with CQIS reports after 1/15/02 build dates.

VINS	Engine	trans	miles	build dates
1FMCU03122KC15131	3.0L DUR	CD4E E	446	01/28/02
1FMCU03152KC17939	3.0L DUR	CD4E E	1168	01/28/02
1FMCU041X2KB97847	3.0L DUR	CD4E E	1243	01/17/02
1FMCU04132KB96202	3.0L DUR	CD4E E	2979	01/18/02
1FMCU04192KC39215	3.0L DUR	CD4E E	1424	02/27/02
1FMYU01132KC61785	3.0L DUR	CD4E E	8644	03/01/02
1FMYU031X2KC08014	3.0L DUR	CD4E E	2355	01/17/02
1FMYU031X2KC09132	3.0L DUR	CD4E E	836	01/25/02
1FMYU03112KC16261	3.0L DUR	CD4E E	963	01/28/02
1FMYU03112KC46554	3.0L DUR	CD4E E	1268	02/21/02
1FMYU03132KC84366	3.0L DUR	CD4E E	340	03/12/02
1FMYU03162KB85752	3.0L DUR	CD4E E	112	01/15/02
1FMYU03162KC48655	3.0L DUR	CD4E E	108	02/25/02
1FMYU03172KC15101	3.0L DUR	CD4E E	799	01/28/02
1FMYU03172KC29810	3.0L DUR	CD4E E	1462	02/18/02
1FMYU03182KC61424	3.0L DUR	CD4E E	418	03/05/02
1FMYU041X2KC60693	3.0L DUR	CD4E E	580	03/16/02
1FMYU04122KB98612	3.0L DUR	CD4E E	1100	01/18/02
1FMYU04122KC49249	3.0L DUR	CD4E E	1165	02/28/02
1FMYU04132KB76313	3.0L DUR	CD4E E	2715	01/15/02
1FMYU04142KC37880	3.0L DUR	CD4E E	1110	02/15/02
1FMYU04152KB99303	3.0L DUR	CD4E E	1464	01/24/02

1FMYU04162KB97480	3.0L DUR	CD4E E	6477	01/18/02
1FMYU04172KB74970	3.0L DUR	CD4E E	3338	01/22/02
1FMYU04172KB76914	3.0L DUR	CD4E E	379	01/18/02
1FMYU04172KC29997	3.0L DUR	CD4E E	140	02/18/02
1FMYU04182KC37543	3.0L DUR	CD4E E	911	02/14/02

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From: Dalbo, Bob (R.J.)
Sent: Friday, April 26, 2002 1:27 PM
To: Altoonian, Don (D.J.); Suarez, Rhae (R.)
Cc: Sanders, Muriel (M.S.)
Subject: RE: CQIS reports for stall

Don/Rhae,
Is 13 per month higher/lower/same as what it used to be?

Bob Dalbo

3.0L Calibration Supervisor
Outfitters Calibration, NAT
Phone: (313) 24-84847 Fax: (313) 32-31786
Pager: (313) 795-2658 Email: rdalbo@ford.com

-----Original Message-----

From: Altoonian, Don (D.J.)
Sent: Friday, April 26, 2002 12:09 PM
To: Dalbo, Bob (R.J.)
Cc: Sanders, Muriel (M.S.)
Subject: FW: CQIS reports for stall

Bob, here are the CQIS calls on stall vehicles built on and after 1-15-02

-----Original Message-----

From: Suarez, Rhae (R.)
Sent: Friday, April 26, 2002 8:39 AM
To: Altoonian, Don (D.J.)
Subject: CQIS reports for stall

These are the VINS of vehicles with CQIS reports after 1/15/02 build dates.

VINS	Engine	trans	miles	build dates
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1FMCU04132KB96202	3.0L DUR	CD4E E	2979	01/18/02
1FMCU04192KC39215	3.0L DUR	CD4E E	1424	02/27/02
1FMYU01132KC61785	3.0L DUR	CD4E E	8644	03/01/02
1FMYU031X2KC08014	3.0L DUR	CD4E E	2355	01/17/02
1FMYU031X2KC09132	3.0L DUR	CD4E E	836	01/25/02
1FMYU03112KC16261	3.0L DUR	CD4E E	963	01/28/02
1FMYU03112KC46554	3.0L DUR	CD4E E	1268	02/21/02
1FMYU03132KC84366	3.0L DUR	CD4E E	340	03/12/02
1FMYU03162KB885752	3.0L DUR	CD4E E	112	01/15/02
1FMYU03162KC48655	3.0L DUR	CD4E E	108	02/25/02
1FMYU03172KC15101	3.0L DUR	CD4E E	799	01/28/02
1FMYU03172KC29810	3.0L DUR	CD4E E	1462	02/18/02
1FMYU03182KC61424	3.0L DUR	CD4E E	418	03/05/02
1FMYU041X2KC60693	3.0L DUR	CD4E E	580	03/16/02
1FMYU04122KB98612	3.0L DUR	CD4E E	1100	01/18/02
1FMYU04122KC49249	3.0L DUR	CD4E E	1165	02/28/02
1FMYU04132KB76313	3.0L DUR	CD4E E	2715	01/15/02
1FMYU04142KC37880	3.0L DUR	CD4E E	1110	02/15/02
1FMYU04152KB99303	3.0L DUR	CD4E E	1464	01/24/02
1FMYU04162KB97480	3.0L DUR	CD4E E	6477	01/18/02

1FMYU04172KB74970	3.0L DUR	CD4E E	3338	01/22/02
1FMYU04172KB76914	3.0L DUR	CD4E E	379	01/18/02
1FMYU04172KC29997	3.0L DUR	CD4E E	140	02/18/02
1FMYU04182KC37543	3.0L DUR	CD4E E	911	02/14/02

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From: Suarez, Rhee (R.)
Sent: Friday, April 26, 2002 1:32 PM
To: Price, Martin (M.)
Cc: Dalbo, Bob (R.J.); Altoonian, Don (D.J.)
Subject: FW: CQIS reports for stall

Marti - any thoughts?

From what I remember, it seemed to have grown slightly since the SSM came out.

-----Original Message-----

From: Dalbo, Bob (R.J.)
Sent: Friday, April 26, 2002 1:27 PM
To: Altoonian, Don (D.J.); Suarez, Rhee (R.)
Cc: Sanders, Muriel (M.S.)
Subject: RE: CQIS reports for stall

Don/Rhee,
Is 13 per month higher/lower/same as what it used to be?

Bob Dalbo

3.0L Calibration Supervisor
Outfitters Calibration, NAT
Phone: (313) 24-84947 Fax: (313) 32-31786
Pager: (313) 795-2859 Email: rdalbo@ford.com

-----Original Message-----

From: Altoonian, Don (D.J.)
Sent: Friday, April 26, 2002 12:09 PM
To: Dalbo, Bob (R.J.)
Cc: Sanders, Muriel (M.S.)
Subject: FW: CQIS reports for stall

Bob, here are the CQIS calls on stall vehicles built on and after 1-15-02

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From: Suarez, Rhee (R.)
Sent: Friday, April 26, 2002 8:39 AM
To: Altoonian, Don (D.J.)
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1FMYU031X2KC09132	3.0L DUR	CD4E E	836	01/25/02
1FMYU03112KC16261	3.0L DUR	CD4E E	963	01/28/02
1FMYU03112KC46554	3.0L DUR	CD4E E	1268	02/21/02
1FMYU03132KC84366	3.0L DUR	CD4E E	340	03/12/02
1FMYU03162KB85752	3.0L DUR	CD4E E	112	01/15/02
1FMYU03162KC48655	3.0L DUR	CD4E E	108	02/25/02

1FMYU03172KC15101	3.0L DUR	CD4E E	799	01/28/02
1FMYU03172KC29810	3.0L DUR	CD4E E	1462	02/18/02
1FMYU03182KC61424	3.0L DUR	CD4E E	418	03/05/02
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1FMYU04122KB98612	3.0L DUR	CD4E E	1100	01/18/02
1FMYU04122KC49249	3.0L DUR	CD4E E	1165	02/28/02
1FMYU04132KB76313	3.0L DUR	CD4E E	2715	01/15/02
1FMYU04142KC37880	3.0L DUR	CD4E E	1110	02/15/02
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From: Price, Martin (M.)
Sent: Friday, April 26, 2002 1:56 PM
To: Suarez, Rhae (R.)
Cc: Dalbo, Bob (R.J.); Altoonian, Don (D.J.)
Subject: RE: CQIS reports for stall

During february & march we had 50-60 calls each month. I don't know how many were '01's or '02's though, or what build dates were. The total number of calls hasn't really dropped since the SSM.

Marti Price

Cleveland Engine Specialist, DSC I #353
1700 Fairlane Dr, Allen Park, MI 48101
mprice28@ford.com ph. (313)317-9133

---Original Message---

From: Suarez, Rhae (R.)
Sent: Friday, April 26, 2002 1:32 PM
To: Price, Martin (M.)
Cc: Dalbo, Bob (R.J.); Altoonian, Don (D.J.)
Subject: FW: CQIS reports for stall

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Sent: Friday, April 26, 2002 1:27 PM
To: Altoonian, Don (D.J.); Suarez, Rhae (R.)
Cc: Sanders, Muriel (M.S.)
Subject: RE: CQIS reports for stall

Don/Rhae,
Is 13 per month higher/lower/same as what it used to be?

Bob Dalbo

3.0L Calibration Supervisor
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Phone: (313) 24-84947 Fax: (313) 32-31786
Pager: (313) 796-2659 Email: rdalbo@ford.com

---Original Message---

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